

KHALSA COLLEGE, AMRITSAR

(an Autonomous College)



Re-Accreditation- Cycle III

SELF STUDY REPORT

Submitted to:
NATIONAL ASSESSMENT ACCREDITATION COUNCIL
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CONTENTS

Table of Contents	Pg. No.
Preface	i-iii
Team for the Preparation of Self Study Report	iv-v
Action Taken Report Based on the Recommendations of the NAAC Peer Team (Cycle II)	1-6
Executive Summary and SWOC Analysis of the Institution	7-32
Profile of the Institution	33-41
Criterion Wise Analytical Report	
Criterion I: Curricular Aspects	42-50
Criterion II: Teaching – Learning and Evaluation	51-82
Criterion III: Research, Consultancy and Extension	83-107
Criterion IV: Infrastructure and Learning Resources	108-128
Criterion V: Student Support and Progression	129-157
Criterion VI: Governance, Leadership and Management	158-179
Criterion VII: Innovations and Best Practices	180-192
Evaluative Reports of the Departments	193-435
Post Accreditation Initiatives	436-437
Declaration by the Head of Institution	i
Certificate of Compliance	ii
Annexures – I to VIII	iii-xlv

PREFACE

Khalsa College Amritsar is a historic institution of higher education situated in Northern India. It was established on 5th March, 1892 A.D. with the main objective to spread the benefits of modern education in Humanities, Agriculture, Science and Technology amongst the people of Punjab. The avowed aim of its forefathers was the eradication of ignorance, illiteracy and pernicious social evils devilling the Indian society through enlightened, progressive and value oriented education. During the past 125 years Khalsa College has set new milestones, scaled new heights and influenced not only the destiny of the people of Punjab but also played its fore-ordained role in shaping the history of the nation.

The grandeur and majesty of its building eloquently expresses the cherished ideals conceived by its founding fathers. The structure of its building is a blend of Mughal, Sikh and Rajput architecture. It embodies strength as well as fineness and is full of aesthetic beauty and art. This building imparts blended impression of a palace and religious place. The high domes touching the sky are the manifestation of spirituality, religiosity and educational enlightenment, symbolising strength and action. The fort-like walls of the college stand like guards against social adversities and impediments.

The history of Khalsa College is practically the history of Renaissance among the Sikhs. After the British annexation of Punjab, in the wake of decline of Maharaja Ranjit Singh's empire, the Sikhs were devoid of their State as the same had been confiscated. The flickering torch of religious, social and political life among the Sikhs that was becoming dimmer after the fall of Sikh Empire has been kept burning by Khalsa college and the college has also contributed floods of light and learning to the remotest and darkest corners of the country. Khalsa College has also helped to raise the status of Sikh Community in the field of education. The founding fathers of Khalsa College wanted to provide such education which would cater to the needs of the changing society and also compete with the quality of education offered by the Britishers. They took upon themselves the gigantic task of enkindling a spirit of nationalism, social upliftment and religious commitment in the minds of Punjabis by creating an awareness of their history, tradition, culture and heritage through their own value system and cultural ideals.

The main objective of Khalsa College was to spread modern education in science, technology and humanities on western lines so that youth of the region were kept abreast of the times promoting and preserving Indian and Sikh values among them. Promotion of Punjabi language and the propagation of invaluable Sikh cultural heritage were its other professed goals. Although the stress was laid on moulding and reshaping the Punjabi youth according to the Sikh ideals, Khalsa College has always maintained and promoted secular stance and outlook since its inception. The first three students enrolled in the college were a Sikh, a Hindu and a Muslim.

Khalsa College Amritsar is the first and the only autonomous college of Guru Nanak Dev University. It was bestowed with the status of "College with

Potential for Excellence” by UGC in the year 2006. The college was selected under “Star College Scheme” by the Department of Biotechnology, Government of India in March 2009. The college was also given grant under ‘FIST Programme’ by the Department of Science and Technology, Government of India in July 2009. We feel proud in putting on record that the college was accredited with ‘A’ Grade by NAAC during the first accreditation in 2003 and its 2nd cycle of accreditation in 2011.

The heritage building of Khalsa College Amritsar is a composite institute with 7 wings, consisting of Faculties of Agriculture, Food Science & Technology, Commerce and Business Administration, Computer Science, Humanities, Sciences and Physiotherapy. It is the only college under GNDU which offers B.Sc. and M.Sc. in Agriculture. B.Sc. in Agriculture was started in 1931.

The eco friendly campus of the college covers an area of over 300 acres and provides the best infrastructure required for higher education. The college has 203 class rooms, 80 laboratories for UG and PG students, 17 ICT rooms, a spacious auditorium-cum-conference hall, 2 seminar halls equipped with audio visual facilities and a central library building. It has 5 boys’ hostels and 8 girls’ hostels which provide accommodation to 1350 resident students. The campus also has a Gurudwara Sahib, Gymnasium, Dispensary (with First Aid, Inpatient, Outpatient, Ambulance and Emergency Care Facility), 65 acres Agriculture Farm, Dairy Farm, 30 acres Student Farm in addition to Farmer Training Centre, Organic Vegetable Farm and 10 Departmental Libraries, Botanical Garden, Swimming Pool, Nursery, Fruit Orchard, Cricket Stadium, Well maintained sprawling Play Grounds (Hockey, Football, Basketball and 400 meters Athletics Track), Career Guidance Cell, Placement Cell, Student Activity Centre, Vocational Training Centre, three Girls’ Common Rooms and branches of two banks with two ATMs and one E-Lobby for banking services.

Sikh History Research Department was started under the leadership of Dr. Ganda Singh, a renowned Sikh historian and it developed into a Major Research Centre. It has a rich collection of documents related to Sikh history, art, culture, religion and philosophy. It houses a reference library and a gallery of thousands of manuscripts, rare books, portraits and paintings of great historical significance and value. The museum has a collection of 415 Photographs/paintings, 601 manuscripts, 380 newspapers files (1904–1988), 90 newspapers clipping files and 35 magazines. Out of 6,416 books in the Sikh History Research Department, more than 500 books are a century old. There are a large number of paintings, photographs and weapons of 17th and 18th century. Research scholars in the fields of Punjabi literature, Sikh history and Religious studies from India and abroad use the valuable information from the department. The management has completed the laudable work of digitalization of manuscripts, books and old data of the department.

At present, the college has 304 teaching staff on rolls, out of which 113 are Ph.D., 43 M.Phil., 148 PGs and the strength of non-teaching staff stands at 331 members. The student strength has considerably increased over the years from 6208 in 2015-16 to 6930 (3439 boys and 3491 girls) in 2016-17.

The college offers 4 M.Phil. courses, 26 P.G. courses, 22 U.G. courses, 3 P.G. Diplomas, 6 U.G. Diplomas, one certificate course and two Add on courses in Urdu and Spoken English. The college has certificate course in Cutting, Stitching, Embroidery and Food Preservation for the poor and needy women free of cost and free classes for the underprivileged children as part of the Community Services Programme of the college.

Khalsa College enjoys coveted status in sports. It has produced several Olympians, International, National and State level champions. The college today stands in all its brilliance and radiance in sports accomplishment. It secured 2nd position in the University in 2015-16 by increasing its points from 6,500 to more than 20,000 in two years, including 5,000 points of sports women. It is a rare distinction that all the eleven playing members of GNDU cricket team which won inter-varsity cricket tournament in 2015-16 were from Khalsa College Amritsar. The college has signed MoUs with Punjab Agriculture University, Ludhiana for Seed Production and Distribution and with a New Delhi based Organisation 'Sarbat Da Bhala Charitable Trust' which provides funds to students pursuing Diploma in Gatka (Martial Art). To promote and develop Cricket in the college, MoU was signed with Punjab Cricket Association.

Department of Youth Welfare & Cultural Activities of the college provides platform to the students to present their talent in various cultural activities. It has played a significant role in preserving and promoting the rich cultural heritage of Punjab. The college prides in producing artists of National and International fame in Theatre, Film, T.V. and Music.

The four units of NSS under their respective Co-ordinators aim at inculcating the spirit of social service among students, sensitizing them towards nation building welfare activities like blood-donation camps, literacy drive, voluntary health service, tree plantation etc. The 3 Wings of NCC (Army, Navy and Air force) strengthen discipline, team spirit and confidence among the cadets.

UGC Centre for coaching in Competitive Exams has been training students from the college and outside for many years. The Internal Quality Assurance Cell (IQAC) of the college has been working towards realising the goals of quality enhancement and sustenance. P.G. Department of English also offers coaching in IELTS and Spoken English.

Implementation of e-governance in the college has improved efficiency in administrative work and expediated services like enrolment, examination, results, e-lectures etc. It has empowered students and faculty, thus encouraging their participation in governance.

Over the last 125 years, ever since its inception, Khalsa College has moved ahead with changing times and needs, synchronizing tradition with modernity, preserving Punjabi culture and heritage. The college is devoted to the mission of nurturing highly intelligent young men and women of commitment and competence to strive for excellence in the development of mind and spirit.

It is a pleasant privilege to present the Self Study Report for the third cycle of re-accreditation.

TEAM FOR THE PREPARATION OF SELF STUDY REPORT

1. Steering Committee

Principal (Dr. Mehal Singh)	Chairman
Dr. J.S. Arora	Coordinator
Dr. M.S. Batra	Co-Coordinator
Ms. Sukhmeen Bedi	Dean Academic Affairs
S. Devender Singh	Registrar
Dr. Taminder Singh	Coordinator IQAC
Ms. Navneen Bawa	OSD
Dr. V.K. Dutta	Controller of Examination
Dr. Randhir Singh	Member (Department of Chemistry)
S. Malkinder Singh	Member (Department of English)
Dr. Sanjit Amrita Kaur	Member (Department of Physics)
Dr. Saveeta	Member (Department of Economics)
Dr. Narinder Deep Singh	Member (Department of Agriculture)
Dr. Mani Arora	Member (Department of Computer Science & Applications)
Dr. Deepak Devgan	Member (Department of Commerce)

2. Input Committee:

Dr. Randeep Kaur Bal	Head (Department of Agriculture)
Ms. Kirandeep Kaur	Head (Department of Botany)
Dr. Kamaljit Kaur	Head (Department of Biotechnology)
Dr. M.S. Batra	Head (Department of Chemistry)
Dr. J.S. Arora	Head (Department of Commerce & Business Administration)
S. Harbhajan Singh	Head (Department of Computer Science & Applications)
Ms. Jagwinder Kaur	Head (Department of Economics)
Ms. Sukhmeen Bedi	Head (Department of English)
Ms. Jasmeet Kaur	Incharge (Department of Fashion Designing)
Ms. Mehtab Kaur	Incharge (Department of Fine Arts)
S. Manbir Singh	Head (Department of Food Science & Technology)
Ms. Jaspal Gill	Incharge (Department of Geography)
Dr. Surjeet Kaur	Incharge (Department of Hindi)
Ms. Satinder Kaur	Head (Department of History)
Ms. Puneet Kaur	Incharge (Deptt. of Journalism & Mass Communication)
Ms. Rajinderpal Kaur	Head (Department of Mathematics)

Ms. Harleen Kaur	Incharge (Department of Music)
Dr. Daljeet Singh	Incharge (Department of Physical Education)
Dr. Harwinder Kaur	Head (Department of Physics)
Dr. Davinder Kaur	Head (Department of Physiotherapy)
Ms. Jaspreet Kaur	Head (Department of Political Science & Public Admn.)
Ms. Nagma Thakur	Incharge (Department of Psychology)
Dr. Sukhbir Singh	Head (Department of Punjabi Studies)
Dr. Sukhbir Singh	Incharge (Department of Sociology)
Dr. Jasjeet Kaur	Head (Department of Zoology)
Dr. Inderjit Singh Gogoani	Incharge (Department of Sikh History & Research)
Dr. Atam Singh Randhawa	Associate Professor (Department of Punjabi)

3. Office Staff

S. Manmohan Singh	Superintendent
S. Balbir Singh	Accounts Officer
S. Manjit Singh	Sr. Stenographer
S. Jasbir Singh	Clerk
Ms. Kiran	Clerk
S. Jaswinder Singh	Clerk
Ms. Kirpal Kaur	Clerk
S. Gagandeep Singh	Clerk
S. Love Deep Singh	Lab Attendant

ACTION TAKEN REPORT

**ACTION TAKEN REPORT BASED ON THE
RECOMMENDATIONS OF THE NAAC PEER TEAM (CYCLE II)**

Recommendations of the NAAC PEER Team	Action Taken
<p>1. To introduce career oriented programmes under dual degree-diploma mode and UGC sponsored innovative PG programmes in emerging thrust areas.</p>	<p>The college has introduced the following programmes after attaining the autonomous status:</p> <ul style="list-style-type: none"> • Session 2014-15 (2 Programmes): P.G. Courses: Master of Food Science & Technology, Master of Bio-Technology. • Session 2015-16 (14 Programs): Research Degrees: M.Phil. (English), M.Phil. (Political Science), M.Phil. (Punjabi), M.Phil. (Commerce). P.G. Courses: M.Sc.(Soil Science), M.Sc. (Vegetable Science), M.A. (History), Master in Physiotherapy (Cardiopulmonary). U.G. Courses: B.A.(Social Sciences), B.A. (JMC), Bachelor of Fashion Designing, B.Com. (Hons.). Diploma Courses: Diploma in Retail Management, Diploma in Computer Application. • Session 2016-17 (16 Programmes): P.G. Courses: M.Sc.(Entomology), M.A. (Performing Arts), M.A. (Fine Arts), M.A. (JMC), M.Sc. Chemistry (Pharmaceuticals). U.G. Courses: B.A. (Hons.) English, B.A. (Hons.) Punjabi, B.Sc.(Hons.) Physics, B.Sc.(Hons.) Chemistry. Diploma Courses: Diploma in Landscaping, Diploma in Seed Production Technology, Diploma in Garment Construction, Diploma in Gatka, Diploma in Computerized Accounting. Certificate Courses: Certificate in Computerized Accounting. Add on Courses: Certificate in Urdu and Spoken English.
<p>2. Intake for agriculture courses may be enhanced, keeping in view the huge student demand along-with</p>	<ul style="list-style-type: none"> • Intake of B.Sc.(Agriculture) students has been increased from 80 to 245. Three new PG courses-M.Sc. (Soil Science, Vegetable Science and Entomology) and two new Diplomas in Landscaping and Seed Production Technology have been introduced in Agriculture faculty.

Recommendations of the NAAC PEER Team	Action Taken
<p>required infrastructural facilities.</p>	<ul style="list-style-type: none"> • New Agriculture block has been constructed with twenty one classrooms (including a Soil Testing Laboratory and Bio-Pest Control Laboratory), twenty new laboratories and one ICT room. • The library has been expanded with special thesis section for research. • One new bus has been purchased for providing transport facility during training of students of agriculture department.
<p>3. To promote interdisciplinary collaborative research activity with the provision of suitable incentives to staff; to encourage staff to get UGC funding to undertake research projects and implement special schemes, initiate study centre activities; Teachers may be encouraged to take up translation works with the assistance of Central and State Academies.</p>	<ul style="list-style-type: none"> • The college has collaborated with <ol style="list-style-type: none"> (a) Punjab Agricultural University, Ludhiana for Seed Production and Distribution. (b) Sarbat Da Bhala Trust, Dubai for a Diploma Program in Gatka (Martial art). (c) The Ajnala Cooperative Sugar Mill and the Batala Cooperative Sugar Mill Ltd. for supply of tricograma cards to control the insects from destruction of sugarcane crop. • The staff has been awarded the following research projects in the last five years from DST and UGC: <p>Completed Research Projects</p> <p>15 teachers have completed major and minor research projects during the last four years (funded by UGC) with a total grant received of Rs.34.78 lakhs.</p> <p>Ongoing Research Projects</p> <p>Currently, 08 teachers from the college have received major and minor research projects funded by UGC and DST with a total grant of Rs. 92.78 lakhs.</p> • The college has implemented post matric scholarship scheme for SC/ST students. • Insurance scheme for students has been introduced. • Heritage status has been awarded to the college by UGC and a grant of Rs 10 lakhs has been sanctioned to preserve its heritage status. • The college has received a grant of Rs. 1.50 Crores under (Stage III) College with Potential for Excellence.
<p>4. To enhance ICT facility with the</p>	<ul style="list-style-type: none"> • The college has improvised its ICT facility by providing 12 mbps internet lease line and Wi-Fi facility to Computer Department, Administrative

Recommendations of the NAAC PEER Team	Action Taken
<p>provision of Wi-Fi connectivity to promote e-learning and to provide more AV rooms; enhance the reading room capacity; to digitalize rare collections; to introduce management information system and interactive website for academic and financial governance and administration.</p>	<p>Block and Examination Cell. The internet lease line is being extended to 50 mbps under CPE grant to all the departments of the college. In addition, 14 Multimedia Projectors and 05 Smart Boards, additional AV rooms have been added.</p> <ul style="list-style-type: none"> • In the last five years, the covered area of existing departmental libraries and main library has been extended. The seating capacity of main library has been increased from 165 to 265, seating capacity of Department of Agriculture from 40 to 100 and that of Department of Commerce from 15 to 64 seats. New departmental libraries in the departments of Social Science, Mathematics, Physiotherapy and Languages have been established, while other existing departmental libraries have been upgraded. • The college has digitalized all rare collections of Sikh History Research Department to facilitate research. The college has started Dr. Ganda Singh (Historian) Study Centre in a new block in Department of Sikh History and Research (under construction). • For bringing efficiency in administrative setup, the facility of e-governance has been introduced. This facility is also used for e-lectures, e-information for the staff, students, departments as well as governance and administration of the financial and academic systems of the college.
<p>5. To prepare perspective academic plan for maintenance of heritage building, provision for new infrastructure especially for Food Technology and Agriculture, Physiotherapy and Hostels, Agriculture</p>	<p>As a part of perspective academic plan the following initiatives have been undertaken:</p> <ul style="list-style-type: none"> • A total of Rs. 16.34 crores has been spent on construction and renovation during the last 5 years. <p>Department of Agriculture</p> <ul style="list-style-type: none"> • Five storeyed new Agriculture Block has been constructed with 20 lecture rooms, 20 new laboratories and extended departmental library. • Agriculture farm has been developed for seed production and distribution. • Bio-control laboratory has been established to control insects biologically without pesticides. • Organic farming has been introduced and the organic vegetables/fruits are supplied to the neighbourhood at a fair price.

Recommendations of the NAAC PEER Team	Action Taken
<p>Farm and an indoor stadium.</p>	<ul style="list-style-type: none"> • A sum of Rs. 25 lakhs has been spent on procuring ‘Micro Plasma Atomic Emission Spectrometer’ for newly established Soil Testing Laboratory. • Training camps for cultivation of mushrooms are organized. <p>Department of Food Science and Technology</p> <ul style="list-style-type: none"> • Five new classrooms have been constructed out of which two are ICT enabled. Four new laboratories have been constructed. Department is equipped with internet facility for the benefit of staff and students. <p>Department of Physiotherapy</p> <ul style="list-style-type: none"> • Two new rooms for OPD have been constructed wherein electrotherapy equipment of more than Rs.5,00,000 has been procured. The department got recognition from ‘Indian Association of Physiotherapists’ – a national body governing the physiotherapy related academic and clinical regulations. • Five storeyed Commerce Block has been constructed with well stocked departmental library, research centre, 37 lecture rooms, seminar hall, commerce and computer laboratories. • New girls hostel with two blocks having facilities such as guest room, reading hall, Gym/indoor stadium, RO system for drinking water has been constructed. Boys hostels (Faridkot and Nabha) have also been renovated and facilities such as furniture, solar lights, RO system, reading halls, gym, LCD TV screens have been added. • The college has underground water harvesting systems and green houses.
<p>6. Courses and studies in Folklore, Fine Arts, Visual-Performing Arts may be initiated along with multimedia based mass media studios to preserve and propagate</p>	<p>The following new courses have been started:</p> <ul style="list-style-type: none"> • M.A. Performing Arts (Theatre/Music/Dance), M.A. Fine Arts, Bachelor and Masters in Journalism and Mass Communication, Bachelor in Fashion Designing and PG Diploma in Garment Construction and Fashion Designing. • To promote Punjabi culture, Department of Journalism and Mass Communication has taken the following initiatives: <ul style="list-style-type: none"> (a) Regular screening of films based on culture and

Recommendations of the NAAC PEER Team	Action Taken
<p>Punjabi culture and traditions.</p>	<p>traditions of Punjab to acquaint students about their roots.</p> <p>(b) Preparation of short film making projects by students showcasing culture, values and traditions.</p> <p>(c) Screening of documentaries based on social issues, docudramas & electronic advertisements.</p> <p>(d) Involvement in direction of various music videos and other media houses.</p> <p>(e) Organizing photograph of the week competition based on Punjabi lifestyle and ethnicity.</p> <p>(f) Conducting Annual Media Festival focusing on the heritage of Punjab.</p>
<p>7. To establish computerized language laboratory with requisite softwares and packages to promote competence in English and communication skills and a commerce laboratory.</p>	<ul style="list-style-type: none"> • Computerized language laboratory has been established in Department of English with the help of UGC/CPE under CPE grant. It has been upgraded with required softwares. • IELTS/Spoken English classes have been started to promote communication skills. • Commerce Lab. with requisite infrastructure, accounting softwares – Tally ERP.9, BUSY and with other facilities has been established in the Department of Commerce and Business Administration.
<p>8. To explore and initiate collaboration and linkages with suitable MOUs to facilitate institutional growth in academic and co academic activities and also placement services.</p>	<ul style="list-style-type: none"> • The college has signed MOU with: <ul style="list-style-type: none"> (a) Punjab Agriculture University, Ludhiana for production and distribution of quality fodder seeds to the farmers. (b) Sarbat Da Bhala Trust, New Delhi for Gatka Diploma (Martial Art). (c) Punjab Cricket Association to promote cricket • The college has collaborated with Columbia Water Centre, California (USA) for identifying and solving socio-economic and agricultural problems of the farmers. • Bio-pest control lab of Department of Agriculture has collaborated with Ajnala Sugar Mill and Batala Sugar Mill. • The college is exploring more options of collaborations after attaining the autonomous status.

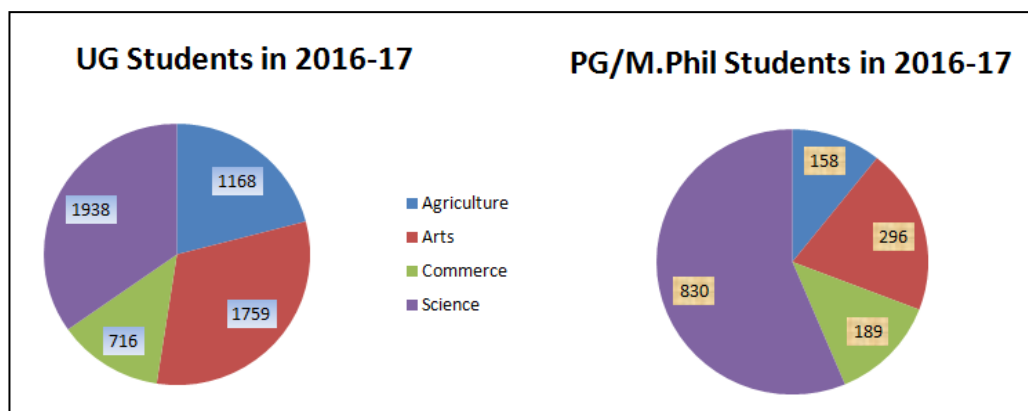
Recommendations of the NAAC PEER Team	Action Taken
<p>9. To provide training and guidance facility for competitive examinations, entrance tests, NET and strengthen placement services professionally.</p>	<ul style="list-style-type: none"> • Centre for Preparation of Competitive Examinations has been established in the college under the supervision of a senior teacher as Director Career Guidance where the students are prepared for Civil and Defence Services. NET and other competitive examinations. During the last five years, 318 students qualified these exams. • Placement Cell under the supervision of a senior teacher as Director has improved the employability trend of placements in recent years. The cell has been arranging workshops, trainings and lectures in Soft Skills to motivate and guide the students. In the last five years 43 companies visited campus.
<p>10. To enhance the adoption ICT enabled pedagogy in teaching, learning and evaluation process.</p>	<ul style="list-style-type: none"> • The college has implemented e-governance system for effective and smooth functioning of administrative, academic and examination system. • Wi-Fi and 4G internet facility to all the departments with multimedia projectors, OHPs and smart boards to upgrade the teaching, learning and evaluation process. • 12 mbps lease line has been provided to computer department, examination branch and administrative branch. The other departments of the college are also being covered with the extended lease line up to 50 mbps. • Five new smart rooms under UGC/CPE have been created and 14 new multi-media projectors have been installed in various departments. • Main library has facility of inflibnet in addition to subscription of 124 journals and periodicals.

**EXECUTIVE
SUMMARY AND
SWOC ANALYSIS**

EXECUTIVE SUMMARY

Khalsa College Amritsar is a leading educational institution of North India. It has served the educational needs and aspirations of thousands of students ever since its establishment in 1892. The college is devoted towards imparting value based education in the areas of Agriculture, Commerce, Humanities and Science. The focus is on developing the multi-dimensional personality of the students, thus imbibing in them the confidence to compete with their counterparts from anywhere across the globe. In this college, education is for socio-economic mobility, future building, modernization blended with tradition and for self actualization. It is a place of learning where all strive towards excellence in the development of mind and spirit.

Khalsa College Amritsar, the **first autonomous college** of Guru Nanak Dev University, Amritsar is applying for the re-accreditation in its 3rd cycle. It was accredited by NAAC with ‘A’ grade in 2003-04 and re-accredited ‘A’ grade with CGPA 3.41 in the scale of ‘4’ in the year 2011-12. It also has the honour of College with Potential for Excellence (CPE) conferred in May 2006 by UGC. The Department of Biotechnology, Govt. of India has conferred Star College status to the college under which departments of Physics, Chemistry, Botany and Zoology received special grants. The college also receives grants under Funds for Improvement of Infrastructure in Science and Technology (FIST) scheme of Department of Science and Technology, Government of India.



The autonomous status granted in May 2013, offered the college an opportunity to bring innovation in teaching, learning, research, evaluation and extension services.

Khalsa College Amritsar is spread over an area of 300 acres. The main building is a masterpiece of architectural delight – a blend of Mughal, Rajput and Sikh styles. The campus has sprawling lawns and playgrounds, swimming pool, cricket stadium, botanical garden, nursery, boys and girls hostels, residential quarters, library, dispensary, dairy farm, student farm, guidance centre, placement cell, common room for girls, canteens and Gurudwara Sahib.

There are 203 spacious classrooms, 80 laboratories and 17 ICT rooms in addition to two Seminar Halls with a seating capacity of 350 and 150 persons and a Main Hall that can accommodate up to 600 persons. Another seminar hall with a capacity of 250 students is under construction in Commerce Block. The college library is fully computerized with bar coding system and has a rich collection of 1,89,302 books besides journals, magazines, regular newspapers etc. The laboratories of science departments are functional with the latest equipments. A Centralized Computer Laboratory with internet facility and Language Laboratory are added features of the college infrastructure. The Department of Physiotherapy is housed in a newly constructed wing with four laboratories viz., Anatomy, Physiology, Electro-therapy and Exercise therapy. Department of Bio-technology has Plant Tissue Culture Laboratory, Animal Cell Culture Laboratory and Instrumentation Room.

Various developments carried out by the college since the second accreditation of September 2011 are summed up briefly under the 7th criteria. The various thrusts of the college as presented in the seven criteria are:

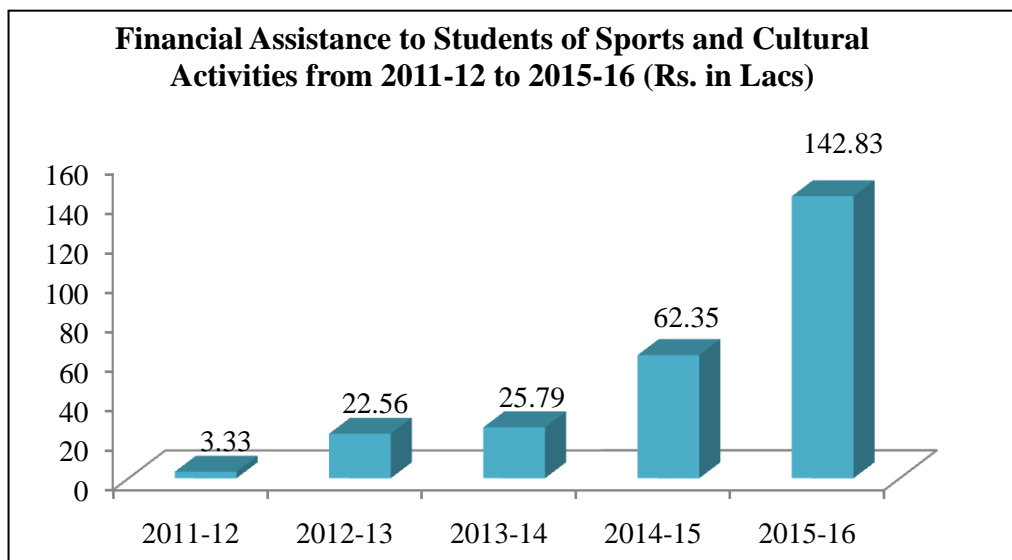
- (a) Pursuit for academic excellence
- (b) Emphasis on quality learning and teaching
- (c) Fostering excellence in research

The quest for improvisation in academics has prompted the college to involve eminent scholars in restructuring the academic standards in order to maintain lead in the field of higher education. Keeping in view the requirements of National Assessment and Accreditation Council (NAAC), the college has a well formulated Internal Quality Assurance Cell (IQAC) since July 2004.

Khalsa College Amritsar is the only educational institution to have within its campus, a Sikh History and Research Department with a museum. Started in 1930, this department has preserved rich material related to Sikh history, art, culture and religion. Rare hand written manuscripts, historical documents, journals and magazines have been carefully preserved here. Visitors are fascinated by photographs, antiques, books, weapons etc. which are on display in the museum. This department continues to monitor and record all day to day events related to Sikh politics, religion and other related matters. Research scholars from all over the world frequently visit this department in search of material for their research projects.

Khalsa College has always enjoyed an envious position in the sports arena. A galaxy of sportsmen of Olympics, Commonwealth, Asian and National repute have been the proud products of this college. A large number of our students represent the country at international events and scores of them are champions at national, state, inter-varsity and inter-college level. Over the last few years, the motivation given to girls has prompted them to come forward and they have also competed at all levels and bagged laurels. All the 11 playing members of inter-varsity Women Cricket Team of GNDU which won 1st position in 2015-16, were from Khalsa College Amritsar. The college provides the sports persons with free and special diets, fee concessions and even free boarding and lodging facilities. There is increase in financial assistance given to sports persons and for cultural

activities every year. The Annual Sports Day is a much awaited event in which all the students and teachers participate enthusiastically.



A lot of emphasis is given to research in the college and eight staff members have been recognized as Ph.D. research guides. During the last five years, 16 students were awarded Ph.D. degrees and 17 students are pursuing their Ph.D. degree under these supervisors. The teachers of various department are also supervising 79 M.Phil students. The college has established a Centralized Research Centre and two research centres in the departments of Agriculture and Commerce & Business Administration.

Khalsa College has lived up to the vision of its founding fathers. It has endeavoured to open the doors of knowledge to young men and women during its 125 years of existence. It has always believed in providing knowledge that must instill in students the cause and purpose to serve the society. The history of the college shows that it has kept abreast with the changing times by adapting itself to new climbs and new policies. It is still pursuing this philosophy. The college is seeking re-accreditation from National Assessment and Accreditation Council so that it can continue with its rich heritage.

CRITERION I - CURRICULAR ASPECTS

• Curriculum Design and Development

The academic programmes of the college are in consonance with its vision to emerge as a premier higher learning institution by creating, advancing and disseminating knowledge. The diversity in academic programmes aims at educating and empowering the learners, majority of whom are from rural areas, to realize their potential through righteous blending of knowledge, skills and values. While designing the curriculum, the relevance to the local/ regional/ national/ global developmental needs is always taken into consideration. The major considerations in the design process and development of the curriculum include employability, innovations, pursuit of higher knowledge, research, developing

professional competencies and overall development of students. The employability aspect is given special attention. The projects in all professional courses, industrial visits, training camps, workshops, seminars, career counseling etc. are part of curriculum to enhance employability.

A large number of new courses have been started after the conferring of autonomous status. Some of these include M.Phil. (Punjabi, English, Political Science, Commerce), M.Sc. (Vegetable Science, Soil Science, Entomology, Pharmaceuticals, Food Science & Technology, Bio-Tech.), M.A. (Performing Arts, Fine Arts, History), Bachelors (Journalism & Mass Communication, Fashion Designing, Social Science), B.Com. (Hons.), B.Sc.(Hons.) in Physics, Chemistry, English, Punjabi and seven new electives in agriculture have been introduced.

- **Academic Flexibility**

All the departments have complete academic autonomy and follow a well defined curriculum design and development process. The suggestions of academic experts/industry/employment sector /alumni / other stakeholders within and outside the college are implemented after thorough discussions in the respective Board of Studies and Academic Council. The departments of the college have the academic flexibility and freedom to design the syllabus as per the guidelines of University Grants Commission for Autonomous Colleges. A number of new programs and program combinations are developed/ adopted to meet the needs of the students. The college follows semester system in all courses except Bachelor of Physiotherapy.

- **Curriculum Enrichment**

The curriculum is revised periodically. The curriculum provides adequate scope for introducing programmes in emerging thrust areas/interdisciplinary areas. A dialogue with academic experts/ industry/ employment sector /alumni/other stakeholders within and outside the college is undertaken for making the necessary changes in curriculum and starting of new courses, keeping in view the guidelines of UGC/University. The syllabi of the courses are revised taking cues from National and International Institutes and the syllabi of National level competitive examinations. The Board of Studies of various departments , the Academic Council and Governing Body of the College have members and experts from industry, academics and other stake holders who give suggestions for the curriculum enrichment.

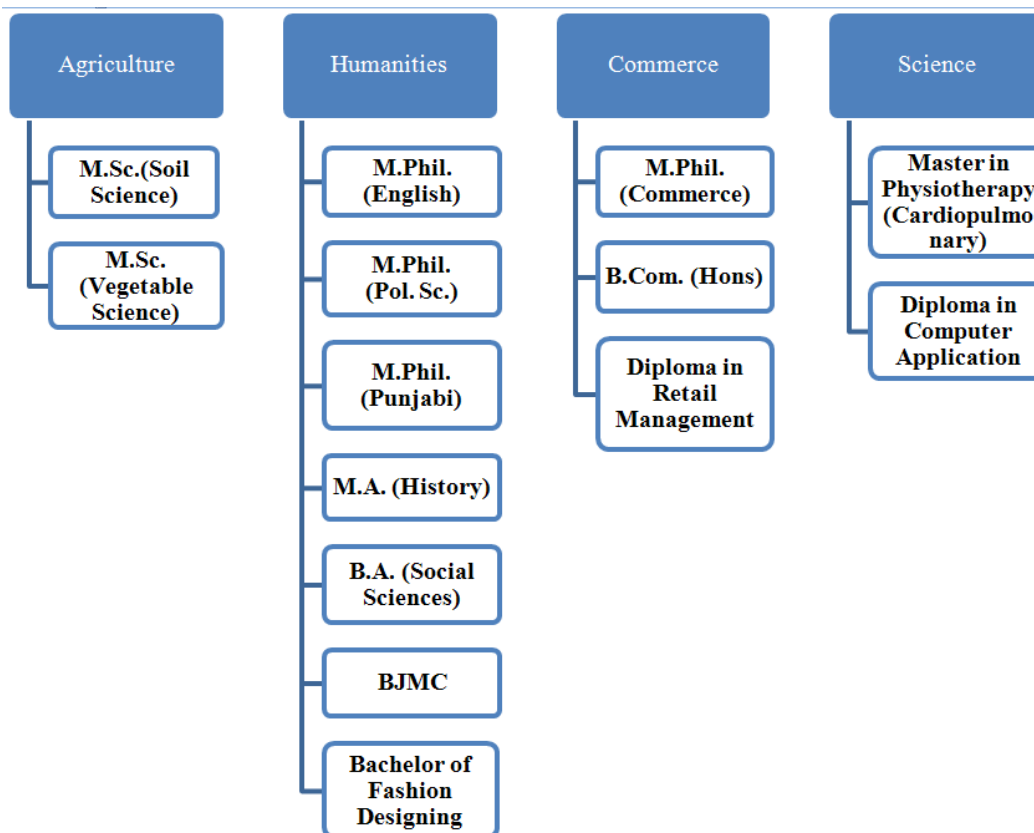
- **Feedback System**

The feedback from the students as well as external experts is obtained at regular intervals in different formats. These are analyzed in departmental or curriculum committee meetings or specially called committee meetings. Each department takes structured feedback from students and considers it as an essential component in the curricular design and development process.

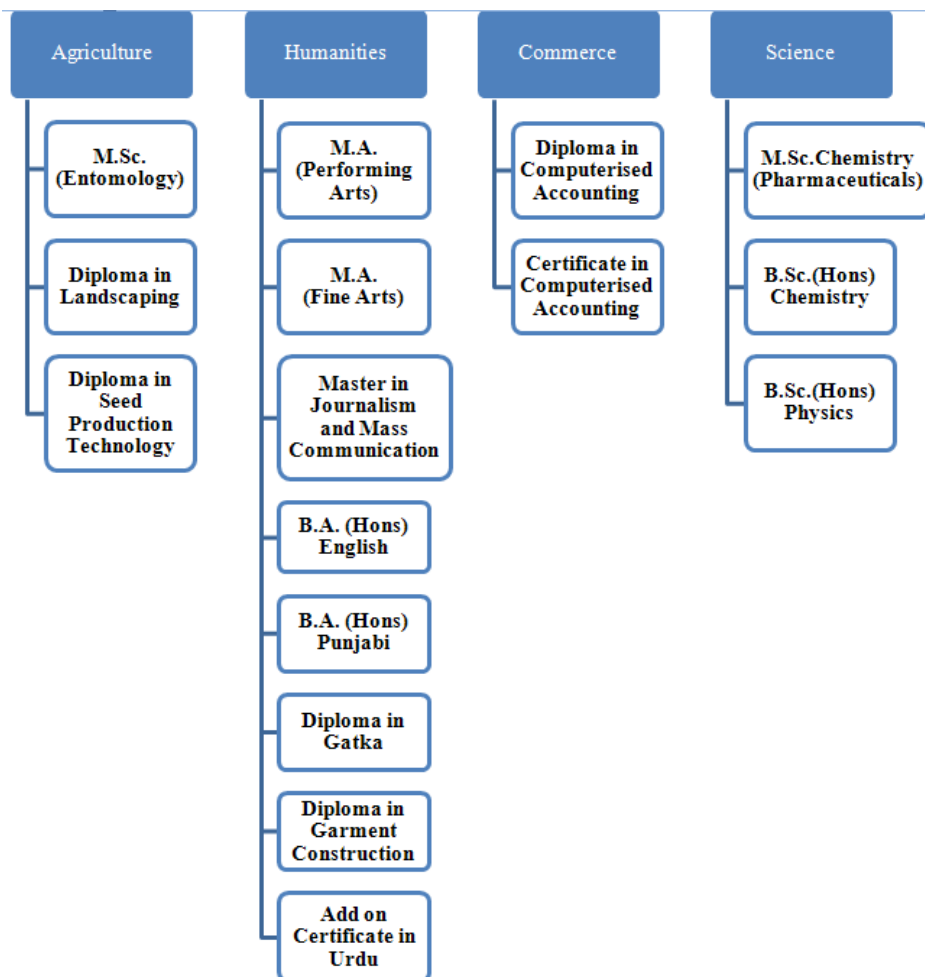
New Courses introduced from session 2014-15



New Courses introduced from session 2015-16



New Courses introduced from session 2016-17



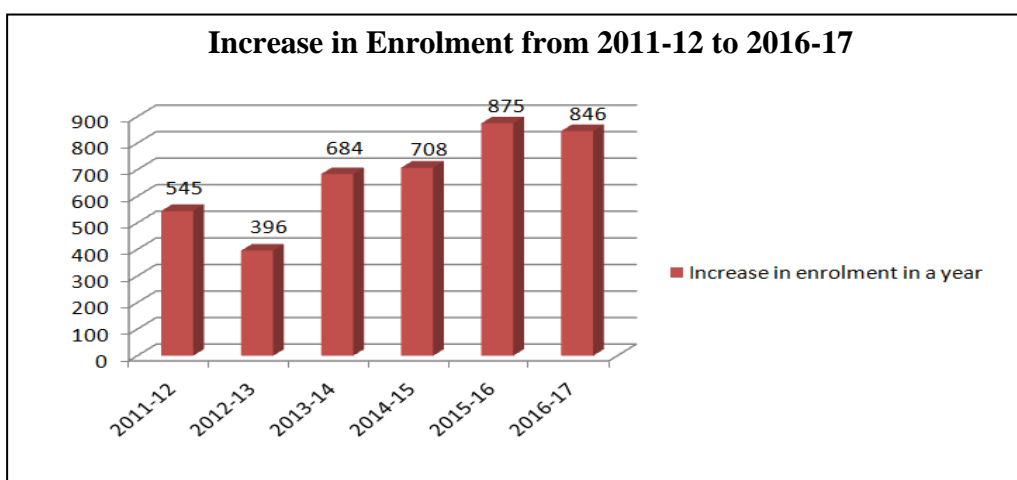
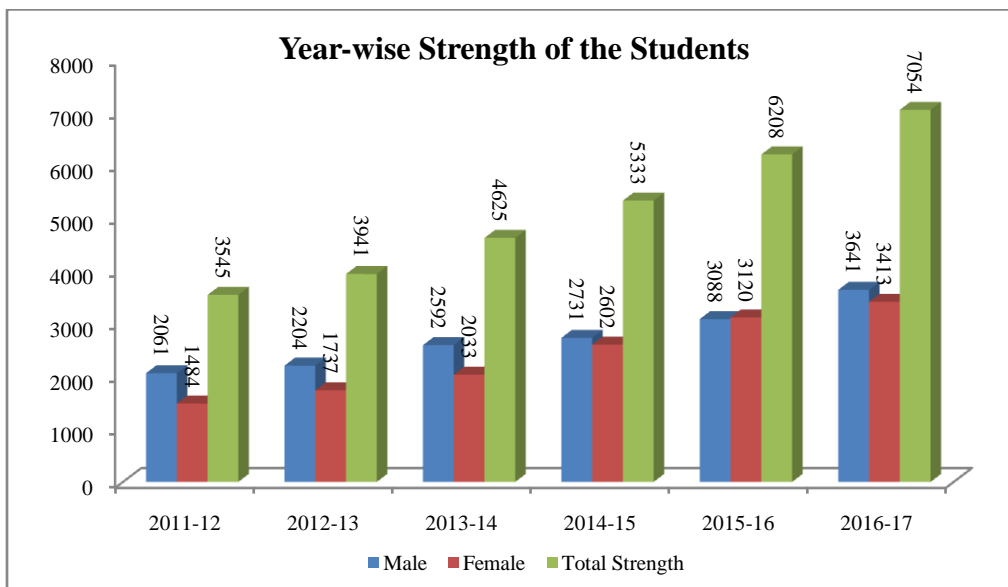
CRITERION II: TEACHING - LEARNING AND EVALUATION

• **Student Enrolment and Profile**

The college student enrolment, profile and admission process for various courses is transparent to all stakeholders and it is done through advertisement in print and electronic media. There is three tier admission process. The college stands committed to make teaching and learning ‘Student Centric’, so as to make the students think, analyze, be independent, original and creative.

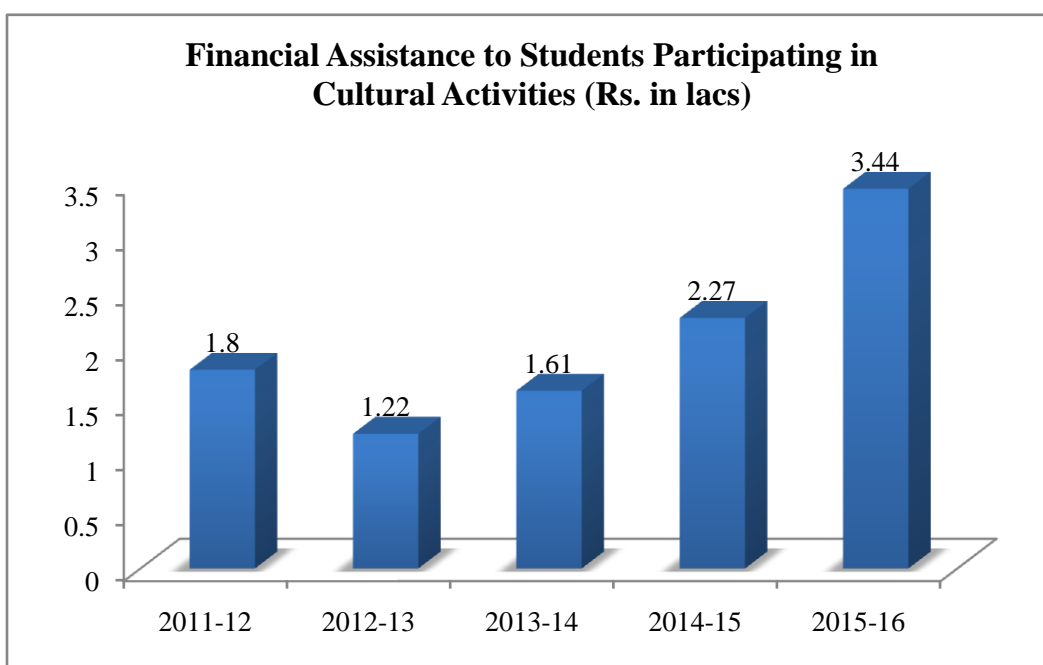
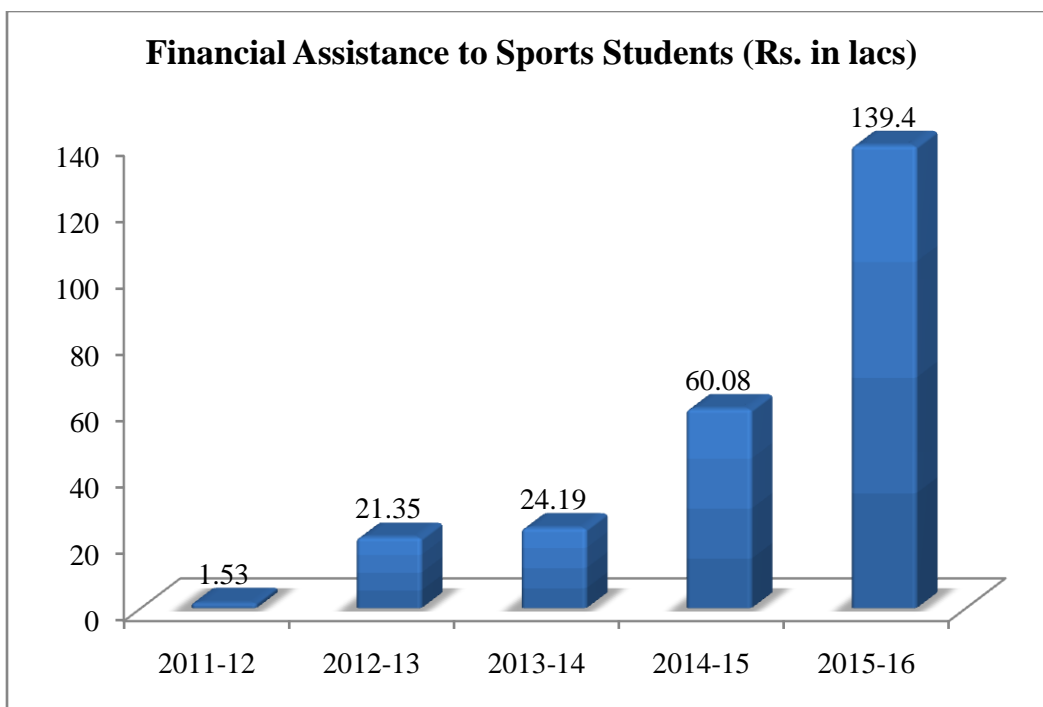
The college admits students on entrance test basis, on merit basis and on first come first serve basis. The admission tests are conducted as per UGC guidelines with full transparency. The students have multiple choices to select the specific course offered by the college. The criteria for the selection of the students on entrance test basis include objective multiple choice based questions, interview and counseling are for merit based and first come first serve basis. The college reviews periodically its enrollment profile and the outcomes are used for

improvement of the process. There is an upward trend in the number of admissions in the last five years. The total number of students admitted in 2016-17 was 7054 as compared to 3545 admitted in 2011-12.



- **Catering to Student Diversity**

The college has an inclusive admission policy catering to diverse student groups. A large number of students from the rural and urban areas belonging to diverse ethnic groups are admitted in various courses. The college caters to the educational needs varying from the developed cities at one hand and the rural and backward areas of the state on the other. The college provides the facility of fee concession to the disadvantaged section of the society according to state government rule, also to economically weaker section and to students of sports and cultural activities from its own funds. The college also provides 63 sponsored scholarships, and freeships from its own funds in addition to the scholarships and free-ships to the students by the state government. The amount of concessions besides 63 scholarships has increased from Rs. 19 lakhs in 2011-12 to Rs. 2 crore in 2015-16.



The college puts premium on continuous mentoring of the students. Induction and orientation programmes are organized in the beginning of the academic session and addressed by the Principal and respective Deans of faculties. The emphasis is laid on inculcation of human and ethical values, social responsibilities and environmental consciousness. The departments also conduct induction programmes at departmental levels for the new students. The programmes range from one to two days. The students are apprised of work

culture, the working ethos, status of the department nationally and globally, research activities, student facilities, syllabus and course plans for each paper, academic calendar, internal and external examination patterns, internal tests, quizzes, assignments, student seminars, student projects, scheme of examination, ethics, discipline, zero tolerance on ragging and environmental awareness initiatives. Healthy interaction between teachers and students are encouraged. The students are given exposure of compulsory projects / dissertations / visits to industry / national laboratories/ institutes. Besides this, inputs are also given about cultural, sports and alumni activities and student feedback mechanism. The academic growth of differently-abled students is also analyzed and tutorials for needy students are arranged. Physically challenged students are provided classes on the ground floor. Bilingual teaching is adopted to cater to the inadequacy in English competence.

Teachers motivate such students in their vernacular language. Learning needs of students are analysed after formative tests. The remedial classes are held for weaker and slow learners. Advanced learners are offered enrichment courses. Moreover, the courses/projects are offered after informal discussion in the department with the advanced learners. Advanced learners in PG programmes are associated with the departmental research projects. Projects / field experiences are integrated into the learning programmes. Training is also arranged for the students in various institutions/industries. They are encouraged to present papers at seminars, contribute articles in the college magazines/research journals and encouraged to represent the college in inter collegiate events/ youth festival at State/National levels.

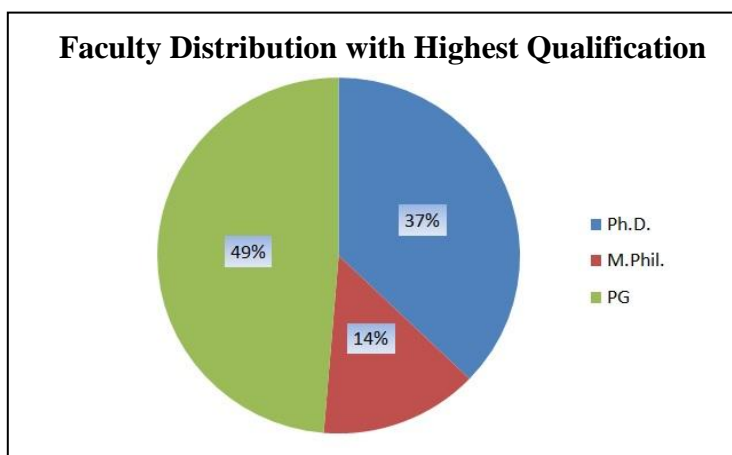
- **Teaching Learning Process**

The college has earned a place for itself in the region on account of its quality instructional programmes, innovative courses and excellent infrastructure for teaching learning process. Student centric methods are an integral part of the pedagogy adopted by the faculty that includes experiential learning, participative learning and problem solving methodologies. The learning environment is conducive for critical thinking, creativity and scientific temper. The college fosters an inclusive academic ambience. In consultation with the departments, academic calendar for teaching, learning and evaluation activities is planned and printed in the college prospectus which is available to students and faculty before the commencement of the session. The detailed academic calendar is prepared keeping in view the special needs of students, remedial classes for weaker students and enrichment courses for advanced learners, extra-curricular, sports and cultural activities. The departments meticulously plan and organize the teaching schedules and time tables as per the departmental academic calendar. Besides the lecture methods, latest technologies are being used by the faculty for effective teaching. The judicious mix of lecture method and ICT based teaching is adopted such as smart boards, multimedias, OHPs, audio visual aids, use of charts, models, slides, ppts, quizzes, seminars, workshops, group discussions, assignments and tutorials are regular features of class room teaching and learning. The creativity among the learners is instilled through various events like Tech-

Fest, Comm-Fest, Literary Sabha, Sports, Rangoli, Collage making, Debate/Declamation contests, Quiz competitions etc.

- **Teacher Quality**

The college has adequate and well qualified, nationally and internationally acclaimed faculty. The college has 26 Associate Professors and 26 Assistant Professors on permanent/regular basis 50 on contract basis and 16 management approved entrusted with the task of imparting education to the students. In addition, the teachers on adhoc basis are also employed every year. In 2016-17, 183 adhoc teachers and 03 part time teachers were also recruited. Amongst the faculty, 113 teachers possess Ph.D. degree, 43 teachers possess M.Phil. degree, and rest are post graduates. Encouraging diversity in the recruitment of faculty, the teachers are recruited as per the qualifications and the eligibility conditions laid down by UGC/GNDU/Punjab Government guidelines.



The college facilitates the participation of its teachers in faculty development programmes. With proactive policies of development of faculty, the college provides facilities for learning advanced technology and pedagogy tools. Faculty is provided with the facility of research grants, study leave, leave to attend international/national seminars, conferences etc. Leave is also granted to attend refresher/orientation courses as per requirement of the faculty. In the last five years, 29 teachers have attended refresher courses, 5 have attended GOC and 38 Summer/ Winter Schools and other training programs by 15 teachers. Guest lectures by resource persons from various areas of specialization are organized to give faculty an opportunity to update their knowledge. Teachers are encouraged to submit research projects to various funding agencies. In the session 2015-16, 4 projects have been sanctioned by these funding agencies. The faculty members are also encouraged to demonstrate creativity and innovation in teaching.

- **Evaluation Process and Reforms**

The students are continuously evaluated through tests, assignments, quizzes, seminars and semester/final examinations. The performance of the students is displayed on notice boards as well as on website of the college. The college disseminates the information regarding evaluation processes and results to

all its stakeholders through website and notice boards. The evaluation process is learner centric as per UGC guidelines. A complete transparency is observed in the setting of question papers, evaluation of answer sheets and declaration of results. The students have ample chances for the remedy of any grievance regarding evaluation/marking. There is provision for re-checking and re-evaluation as per University rules. The college has adopted a revolutionary change by way of allowing the examinees to see the evaluated answer scripts under RTI Act in 2012 for UG/PG courses offered by the college.

Students of the college possess fundamentals of the subjects, knowledge of current trends in their disciplines, a sound practical orientation, good communication skills, ethical values, social responsibilities and an environment friendly attitude. Monitoring of this is done at the departmental level. The emphasis is on development of a set of skills required for the industry, research, and higher education. Communication skills are improved by language laboratory and activities of career counseling and placement cell. Ethical values, social responsibilities and environment friendliness are nurtured through lectures on values and on achievements of great personalities.

Women Empowerment:

- Equal opportunities are given to women staff in administrative work of the college..
- Equal opportunities and facilities are given to girl students in various committees, societies, sports, co-curricular extension activities.
- Women Grievance Cell is created to address the women related issues.

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

• **Promotion of Research**

To make Khalsa College a centre of academic excellence, the college has developed research culture among students and the faculty. The different departments of the college are actively engaged in research and create advanced knowledge. The college has a Research Committee for fostering excellence in research by formulating 'Research Policy' of the college for promotion of research. Eminent scientists and experts are regularly invited for fostering a research culture and enthusing the learners and researchers. The college regularly organizes conferences, seminars, workshops and guest lectures. 138 seminars/workshops/conferences were organized in the last five years. Two research journals, with ISSN registration, are started by the college. Besides a centralized research centre, two research centres are established in the Departments of Agriculture and Commerce & Business Administration. UGC has recognized the college as “Centre with Potential for Excellence” status. Four of its teaching departments are supported under “STAR scheme” of DBT. The Department of Chemistry is supported under DST-FIST. The college aims at promoting inter-disciplinary research. One major project “Agents of Change” is being undertaken by the Department of Agriculture in collaboration with

Columbian Water Centre, California (USA) to identify the socio-economic and agricultural problems of rural people.

- **Resource Mobilization for Research**

A Central Research Centre and 2 research centres at the departmental level have been set up to assist research activities in the college. The expenditure incurred on research related infrastructure and activities by the college has increased by 71.5 percent during 2012-13 to 2015-16. Duty leave is granted to faculty for presenting research papers in seminars/conferences. The college has received over Rs. 1.14 crore through major and minor research project grants during 2011-2015. Four departments of the college (Agriculture, Chemistry, Physics and Commerce) have been recognized for their research activities and have received and utilized grants under CPE scheme for Phase I and II. In January 2015, the college received a grant of Rs. 1.50 crore from UGC under Phase III of this scheme for the five years plan of 2015-16 to 2019-20.

- **Research Facility**

The college has an ample infrastructure and human resources for research. The college has excellent research facilities in terms of laboratory equipments, research journals and research incentives made available to the faculty. Teaching departments have basic equipments and facility for research purposes such as computers, internet, printers, instruments etc. The central as well as departmental libraries are well equipped and computerized to facilitate the research related activities. The library has 1,89,302 books and subscribes to 124 journals/magazines apart from a rare book section. The college is making all out efforts for more National and International cooperation and collaboration with organizations to enhance research quality and standards. The teachers are encouraged to apply for the research projects from various funding agencies. They are provided with duty leave and offered seed money by the college for pursuing research and attending workshops/conferences etc.

- **Research Publications and Awards**

Faculty members have published nearly 707 research papers in peer reviewed/reputed journals, 104 books with ISBN, 159 chapters in books and 27 edited books in the last five years. The impact factors of the journals range from 0.04 to 13.64, citation index range from 1 to 294, SNIP range 0.293 to 1.642, SJR range 0.194 to 5, Number listed in international database 43 and h-index 1 to 10. Faculty members have also presented large number of papers in national and international conferences and published papers in proceedings of the conferences. Faculty members are also serving on the boards of national and international journals as editors and reviewers. The faculty members have been nominated as members in the Board of Studies, senate and syndicate of the university. Research scholars and the faculty of the college have received best research paper awards and other prestigious awards from various organizations.

- **Consultancy**

The college encourages staff participation in consultancy services and many consultancy services are provided to different communities. Academic

expertise of the faculty members is publicized on the college website. Broad areas of consultancy services provided by the college include OPD services in the Department of Physiotherapy, supplying high yielding variety plants and seeds to the farmers, providing latest information to the farmers about new seeds, fertilizers and farming techniques by the Farm Training Centre of the college, providing training to the women from weaker section of the society about stitching, tailoring, embroidery, household consumables, food processing and preservation. Only Physiotherapy department provides consultancy services at nominal rates while other departments extend this service free of cost to the users.

- **Extension Activities and Institutional Social Responsibility**

The college organized large number of extension activities associated with different departments which are helpful in adding to the knowledge of students and faculty, thus improving their personality. The faculty members are also invited by NGOs and other bodies/institutes to deliver lectures on various important topics. The college promotes many activities which help the students to acquire training and attitude for making contribution to sustained development of the community. Various programmes being run by the college for promoting college neighborhood network and student engagement include Blood donation camps, Tree plantation drives, Cleanliness drive, Rallies for voters awareness, Adult learning programmes and Campaign against female foeticide etc. Under the Agents for Change programme, each student of B.Sc. (Agriculture) is required to adopt a village and study its socio-economic profile and identify its problems related to agriculture. The college is running a Lifelong Learning Center in its premises where women from weaker section of the society are given free 3 months training in cutting, tailoring, food processing etc. Also, the children of labourers are provided free education in this centre so as to ensure social justice and to empower the underprivileged and most vulnerable section of the society. Gender Club has been set up by the college to sensitize the students about the issues related to gender discrimination.

- **Collaboration**

The college has collaborated with agencies like Punjab Agriculture University Ludhiana, Bhartiya Sahit Academy, Columbia Water Centre, California (USA) and Sarbat Da Bhala Charitable Trust, New Delhi for its various academic and research related activities. The department of the college collaborate with national/state/local/institutions/agencies for their academic, research and beyond scholarly activities. The college is looking for collaborations with national and international institutions for faculty exchange, students' training and other academic programs.

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

- **Physical Facilities**

The college lays great emphasis on infrastructure and learning resources to enable the learners righteous blending of knowledge, skills, and values for serving the society. A conducive physical ambience for the faculty is created by providing physical and IT infrastructure, good departmental and central library

resources, e-journals, databases, seminar halls, conference halls and multimedia facilities. The college is supported from UGC grants under UGC-CPE, DST-FIST, DBT, research project grants, besides its own provisions to provide encouraging environment for the faculty to carry out the research work.

All the departments have well furnished classrooms. The majority of the postgraduate departments have their own libraries with ancillary facilities, computers and internet connectivity. The college has 203 classrooms, 56 labs, 09 computer labs, 15 research labs, 17 ICT rooms, 2 seminar halls, one main hall, one botanical garden, health centre, dairy farm and farmer training centre. The hostels are well designed, provisioned and maintained. The college has 5 boys' hostels and 8 girls' hostels with a occupancy of 1350 students. The Health Centre and Farm Training Centre are very valuable supporting facilities on the campus. The college has vibrant Career Counseling Cell, Placement Cell and Language Laboratory. All academic information related to the admissions, examinations, results and notices are displayed on the college website and notice boards. The college has a well equipped department of Physical Education, play grounds such as hockey, football, basketball and cricket grounds, swimming pool, 400 metres athletic track in addition to the gymnasium to provide sports facilities and recognize and nurture sporting talent. The college has a heritage hall with a seating capacity of 600 persons in addition to two seminars cum conference halls with state-of-the-art audio visual and performance facilities.

The total amount spent on the development of infrastructure during 2011-12 to 2015-16 is more than Rs. 14 crore which includes Rs.50 lakhs on ICT, Rs.70 lakhs on research and Rs. 13 crore on buildings and other infrastructure. Various academic programmes and cultural activities are organized throughout the year under the banner of Department of Cultural Affairs. Adequate budgetary provisions and maintenance processes are available to provide the infrastructure and physical facilities all round the year. The college has engineering section to take care of maintenance and basic infrastructure. The college also houses two banks, one extension counter of Punjab National Bank, ATMs, cafeteria and 4 canteens for staff and students.

- **Library as a Learning Resource**

The Central Library along with 12 departmental libraries provide diverse learning resources. The library is equipped with books, periodicals, latest national and international e-journals. The library is fully automated with all the books bar coded. The Orbit Software is being used for automating library facilities. The college library has 1,89,302 books, 124 journals, 36 periodicals, 590 manuscripts, 314 encyclopedias, 800 e-books, 432 thesis, 4502 back volumes, 316 CDs and DVDs. Adequate reprographic and internet facility with the connectivity under UGC-INFLIBNET are available in the library. Besides central library, all the departments have their own library facilities for students and researchers. An amount of more than Rs.1.00 crore has been spent during 2011-12 to 2015-16 for purchasing books, journals and periodicals.

- **IT Infrastructure**

Computers with latest technology and applications have been deployed in the college. The college has its own firewall installed in examination branch, computer science department and administrative block. The college has very well designed, equipped and maintained Centralised Computer Lab available for faculty and students. All the hostels have internet facility on 24x7 basis. All sections of Administrative Office are ICT enabled. All the administrative work is carried through e-governance. The teachers upload their lectures on the e-governance portal. The students can study through e-lectures at any time. The examination branch is also fully IT enabled. Customized developed software is deployed for admissions, accounts, examinations and result processing. More than 300 computers are available with internet facility for office and laboratory work in the departments and the college.

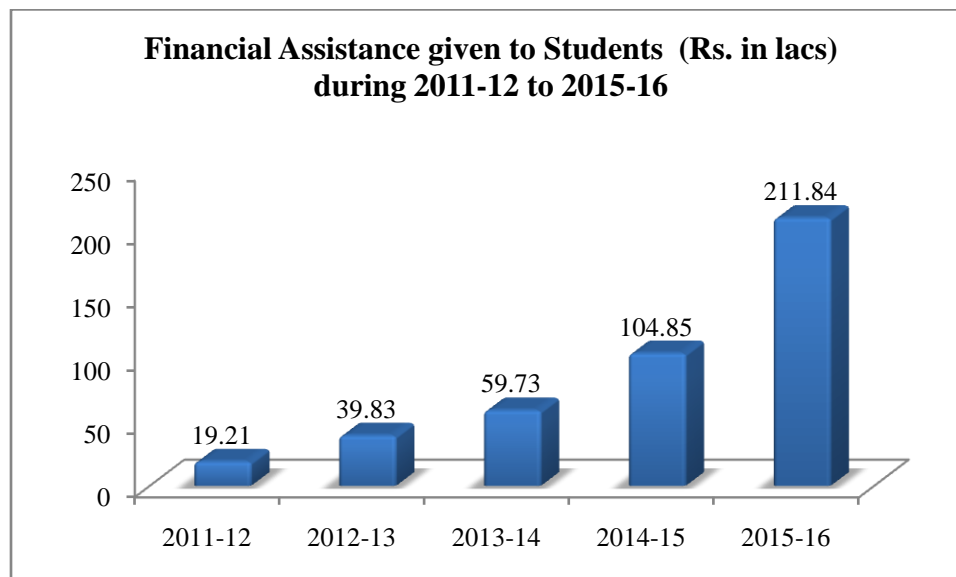
CRITERION V: STUDENT SUPPORT AND PROGRESSION

- **Student Mentoring and Support**

The college has a well co-ordinated system for student support and mentoring. Students are mentored in academics, sports and cultural activities. They are supported for the development of career, soft-skills and life skills. To provide academic as well as financial support, different committees/cells have been established such as a Counseling Cell, a Career Guidance Cell and Placement Cell. They are mentored to develop professional skills as well as to develop ethics, human values, sense of social responsibility and environment consciousness. The departments mentor the students in all possible ways to cater their academic, social and career needs. The college provides coaching for Civil Services, State Administrative Services, UGC-NET, GATE, and Bank Probationary Officers, particularly for SC/ST and minority students through Centre for Preparation of Competitive Examinations. The placement cell invited 43 companies and 399 students got campus placement during the last five years.

The support system functions through various heads like Dean Academic Affairs, Dean Students Welfare (Boys and Girls), Dean Public Relations, Dean Research, Dean Sciences, Dean Agriculture, Dean Commerce, Dean Humanities, Dean Languages and Alumni Association, Dean Cultural Activities and overall it is monitored by the Principal. The system works in a coordinated manner to ensure the overall development of the students. The faculty members and administration continuously interact with the students about their academic and personal progress. The college prospectus is updated and published annually. The prospectus presents a comprehensive view of the college history, its vision, mission, rules and regulations, hostel facilities, courses, admission procedure and fee-details. Information regarding faculties, academic bodies, committees, programmes offered, departmental details, general rules, dress code, attendance, scholarships, various subject societies, is provided in detail. Financial aid is provided through approximately 63 scholarships and stipend schemes (academic and sports) apart from the government scholarships and 35 medals and prizes. The college provides free education, hostel accommodation, free meals and

scholarships to sports persons. Full fee concession for university toppers is also provided by the college. The following graph shows the financial assistance provided to deserving students.



Special efforts are made to ensure women participation in sports and cultural activities. In the session 2015-16, all the eleven playing members of women cricket team of GNDU which won inter-varsity 1st position were from Khalsa College Amritsar. A Talent Search week is organized by the Youth Welfare Department to identify talented boys and girls and then they are subsequently guided and polished for various competitions. The college helps the SC/ST/OBC and minority students to apply and avail the various central and state scholarships to the deserving students of economically weaker sections. Meritorious and needy students are given books from Book Bank of the college main library. The college has Grievances Cell for women. The college has Dean of Students Welfare (Boys and Girls) to address the problems of the students. The students' grievances are received through suggestion boxes and tutorial groups. The students can also approach the Departmental Heads, Dean Student Welfare and the Principal for any of their problems.

- **Student Progression**

137 students have been selected in the national level and state level examinations viz. UGC-NET, CSIR-NET, GATE and Civil and Judicial Services during last five years. About 40 per cent students enrolled themselves for higher degrees in the same department or joined national level research organizations within the country and abroad, and more than 35 per cent students got employment (on campus and off campus) or absorbed as entrepreneurs.

- **Student Participation and Activities**

The students are encouraged to participate actively in co-curricular activities. Talented students in cultural activities and sports are given weightage in the admission and provided financial assistance.

Cultural and sports activities are conducted throughout the academic year for overall development of the students. In sports 60-80 women students and 200-339 boy students, in cultural activities 30-37 girl and 50-70 boy students participate every year. Inter college competitions and youth festivals are also organized by the college every year. There are various Subject Societies functioning in the college which provide a platform to polish the talents of students by organizing academic and co-curricular programmes. The postgraduate meritorious alumni are nominated as member of Boards of Studies of the college. Their suggestions serve as an objective tool to introduce need based changes in the syllabus. The students also actively participate and contribute their articles in college magazine 'Darbar' and wall magazines in every department.

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

• Institutional Vision and leadership

Khalsa College is an emblem of rich history and cultural heritage. The college was visualized as a place of learning that would strive towards higher degrees of excellence in the development of the mind and spirit. Progress is our watch word and academic achievement our measure of success. A sense of grandeur and beauty pervades the campus. The college aims at providing and designing the courses as per global needs of the students and offers professional and job oriented courses which help in easy absorption of aspirations in the market. To help students in their multi-dimensional personality development, the college also encourages them to participate in religious, cultural, co-curricular, literary and sports activities. The college regularly organizes lectures and seminars to promote morality, acquaint students with social values and their responsibility towards the society.

The college administration runs through the various academic bodies constituted as per the UGC guidelines. The Board of Studies of various departments send their recommendations to the Academic Council, which in turn sends the approved items of their meetings for final approval in the Governing Body. The decentralized governance system of college consists of Principal as Head of the institution, Dean Academic Affairs, Deans of Faculties, Registrar, Controller of Examination, Heads of various departments and teaching staff.

• Strategy Development and Deployment

The college prepares comprehensive plan for overall development every year. The teachers are encouraged to join faculty development programmes, for which duty leave is granted to them. The college through its research committee motivates the teachers to apply for research projects. Free internet access, printout and xerox facilities have been provided to the teachers within their departments. OPD in Physiotherapy Department, Farmer Training Centre and Vocational Training Centre etc. are part of college's policy of community engagement. The college has its own Industry Linkage Cell which actively works in developing relationship with industries.

The college has signed an MoU with 'Sarbat Da Bhala Trust' New Delhi. The trust has undertaken to sponsor 75% of the fees of 50 students who pursue

Diploma in Gatka (martial art). The trust has paid Rs. 11,25,000 during the session 2016-17. The college has also signed MoU with Punjab Agriculture University, Ludhiana for quality seed production and distribution among the farmers at fair price. To promote and develop cricket in the college, an MoU with Punjab Cricket Association has been signed.

The college has set up Farmer Training Centre with an aim to fulfill the diverse needs of the farmers in the form of training, seeds availability, consultancy with experts, understanding and solving their problems. The college has established IQAC for regular reviews of the quality standards of teaching. The quality policy is designed in the meetings of all Heads, Deans and other Administrators under the chairmanship of the Principal. The IQAC meets regularly to keep a watch on quality aspects. The college has made concerted efforts to prepare and submit Annual Quality Assurance Reports regularly to NAAC. Feedback is taken regularly from the students on teaching-learning process and curriculum. All the departments are required to submit self appraisal performas of teachers to the IQAC. On the basis of these performas, Internal Audit Committee conducts performance audit of all the departments.

- **Faculty Empowerment Strategies**

The college leaves no stone unturned to enhance the professional development of its faculty. Regular seminars, guest lectures, workshops and conferences are organized by the college to upgrade the knowledge of teaching staff. The teachers are encouraged to attend refresher courses, General Orientation Courses, Summer/Winter Trainings, workshops and seminars organized by UGC-Human Resource Development Centre or other organizations. Workshop on computer learning is organized by the college to appraise non-teaching staff on computer related technicalities. The performance appraisal system is followed as per the UGC guidelines. To provide medical assistance to staff members, the college has set up Health Centre with a full time qualified doctor and two attendants. OPD facility is also provided in Physiotherapy department. Accommodation facility for teaching and non teaching staff is available in college campus.

- **Financial Management and Resource Mobilization**

As per the Autonomous college guidelines, the college has established Finance Committee comprising of college Principal, Bursar and Finance Secretary of college management. Most of the funds required for resource mobilization are raised through fee charged from the students. The college also mobilizes funds by acquiring grants from State Government, Central Government (DBT, UGC) and MP LAD funds. The college has also raised 63 sponsored scholarships for the benefit of economically weaker bright students.

CRITERIA VII: INNOVATION AND BEST PRACTICES

- **Environment Consciousness**

The college is located in an area of 300 acres with green vegetations and vast lush green playgrounds and fields. To keep the campus clean and green, the college takes various measures such as planting of trees and plants, creation/

expansion of grounds, infrastructure development without disturbing the green cover, rain water harvesting, energy conservation by use of solar energy and recycling/ management of waste.

The college has large green cover for carbon neutrality and it keeps on increasing this cover by regular plantation drives in and around the campus. All the new constructed buildings have water harvesting bores (11 bores) to recharge the sub soil water. All the rain water flows from the buildings of the college to lawns and grounds thus irrigating them and recharging sub surface water level. Non conventional energy sources like solar lights (20) and solar water heaters are used in the campus. The CFL/LED bulbs have been installed in the campus for energy conservation. The college has installed coloured dustbins at different places for bio-degradable and non-biodegradable waste management. The waste is collected by municipal van every day for its proper disposal. Bio-medical waste is disposed off through a liaison agency “Amritsar Bio-medical Waste Disposal” under annual contract with them since the year 2011. A government registered company “Attero Recycling” has been engaged and 3865 Kg of e-waste was disposed off in environment friendly manner.

- **Innovations**

A single window admission system has been initiated where offices of Registrar, Accounts, E-governance concerned with the admission process alongwith bank extension counter and e-governance have been brought at the same place thereby simplifying the admission process. The admission committee provides information to SC/ST and OBC students regarding special incentives for them resulting in significant increase (i.e. from 48 SC/ST students in 2013-14 to 819 SC/ST in 2016-17) in enrolment of SC/ST and minority students in the institution from the last three years. The college has been constantly encouraging the students to participate in research activities. Two new research journals (in the field of sciences and languages) have been started and students were made subscribers and they were also encouraged to submit research papers for these journals. A farmer centric programme i.e. Agents of Change has been started by Khalsa College Amritsar in collaboration with Columbian Water Centre, USA. Faculty members and students of agriculture department visited 65 villages of Amritsar and Tarn Taran district to gather information regarding socio economic problems of farmers of this region. The Vocational Training Centre under lifelong learning programme offers free three months certificate courses in cutting, tailoring, embroidery, food processing and preservation to economically weak women from nearby areas for their self employment. Free education to under privileged childrens is provided by NSS volunteers of the college in this centre. Tutorial groups have been formed which are helpful in providing useful feedback regarding department and college level deficiencies in teaching and learning process, infrastructure requirements and other general problems. The college has fully equipped audio visual language laboratory which has helped students to learn the finer aspects of examination such as right pronunciations, usage of appropriate words etc.

- **Best Practices**

The college observes number of best practices such as Institutional Social Responsibility, Use of Information Technology for Administration, Staff Club, Tutorial Groups, Remedial Classes, Subject Societies in departments, Inculcating Moral and Religious Values and Students Social Activities. However, two best practices which have significantly contributed in the improvement of academic as well as administrative functioning of the college are:

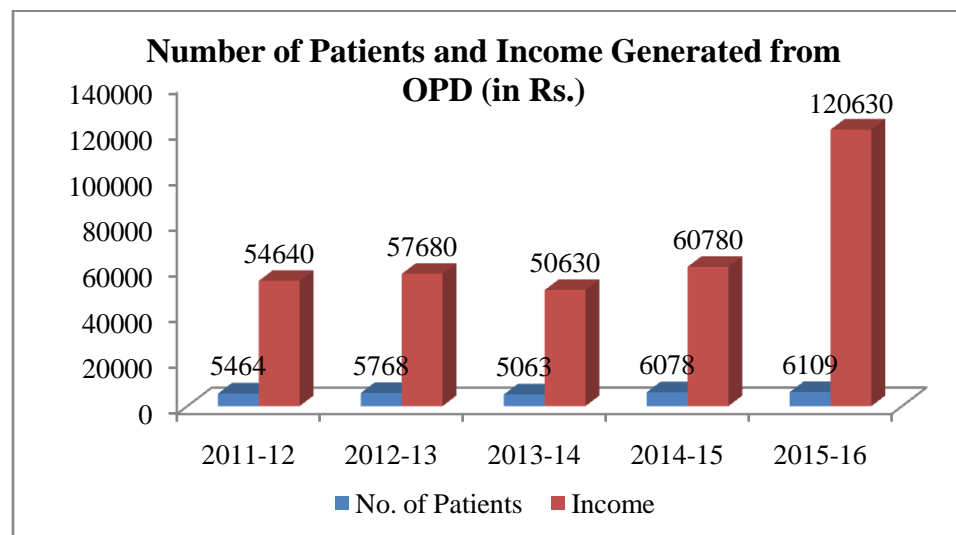
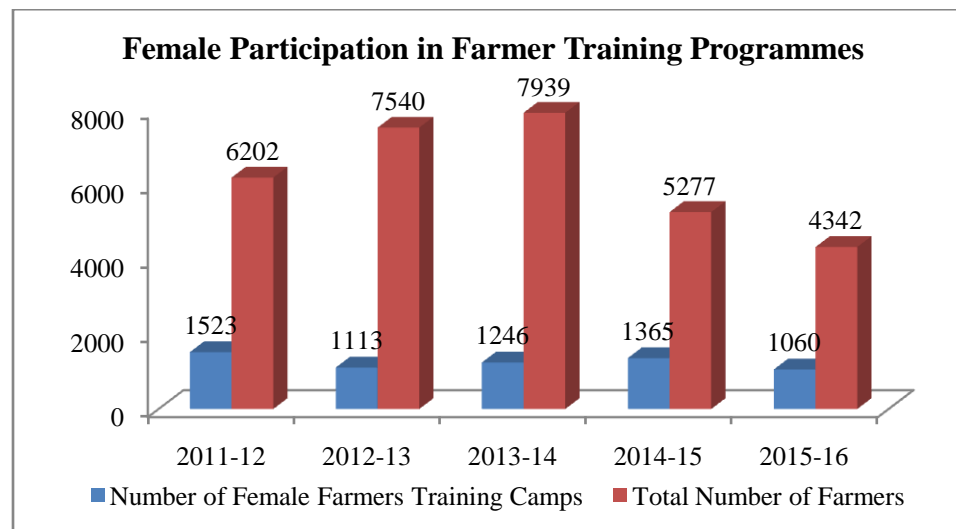
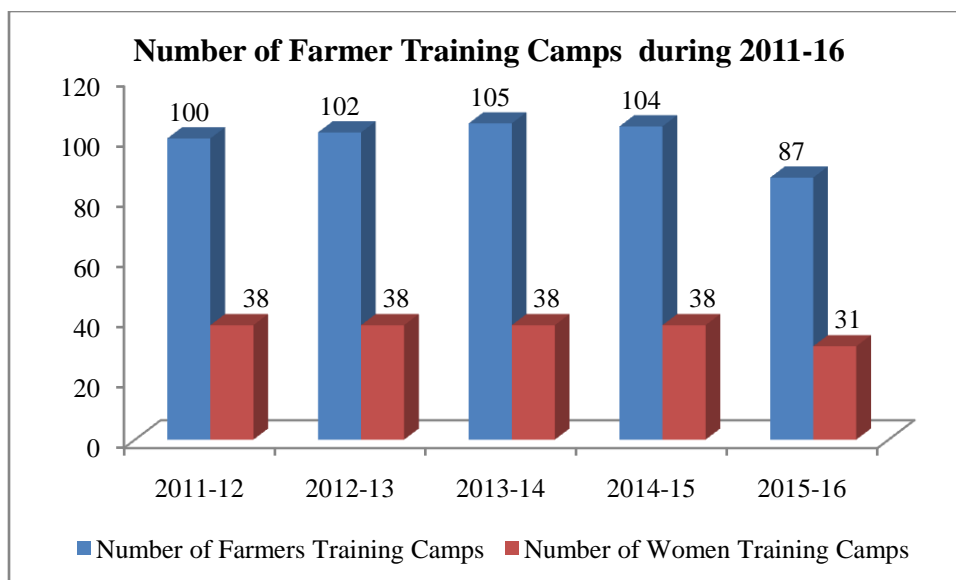
- Institutional Social Responsibility
- Use of Information Technology for Administration or e-governance

Best Practice – I

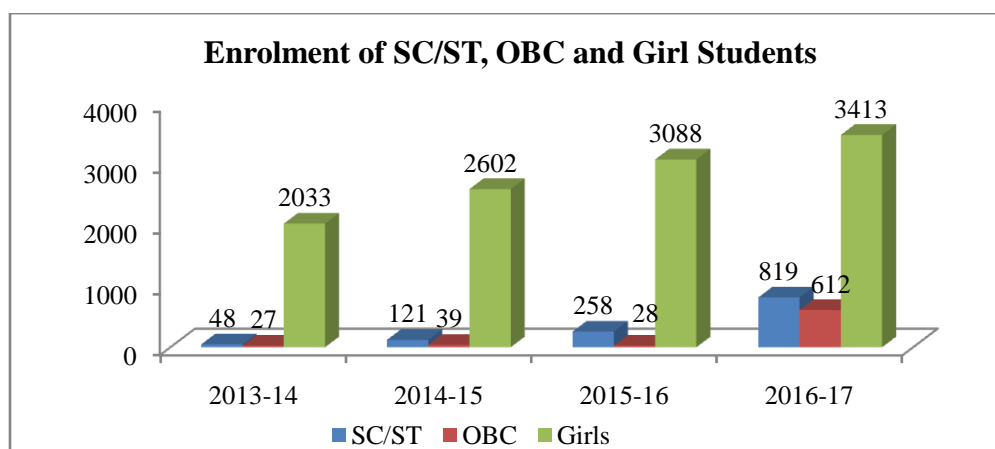
The Institutional Social Responsibility has been a part of the mission of our institution i.e. to imbibe students with moral values and disciplines taught by the gurus for the benefit of the community and the country. The institution emphasizes on development of moral values and sensitizes students regarding their social responsibility of bringing improvement in socio economic status of economically backward and rural population. Khalsa College Amritsar, being pioneer educational institution of this area, has accepted its responsibility for social well being in consonance with the policies of the nation.

The college fulfills its social responsibility through various measures such as:

- Farmer Training Centre
- Physiotherapy OPD facility at nominal rates
- Vocational Training Centre
- Scholarships for needy students
- Free Career Guidance
- Awareness Campaign
- Gender Equality
- Environment Friendly Approach
- **Farmer Training Centre:** A farmer training centre has been functioning in the college since 1969 to provide latest information by experts to supplement income of the farmers of the area through farmer trainings, field demonstrations and expert extension lectures in the field of agriculture to the farmers. The centre organizes more than 100 block level and district level camps annually in collaboration with state agriculture department. It also imparts training in bee keeping, mushroom cultivation, pest control, food and vegetable processing. The centre is also actively working to improve the socio economic status of women in farming business by organizing 183 training camps in the last five years where more than 6000 women participants have received training of food processing techniques like pickle, jam, jellies, squash, sauces making etc. Moreover, one Soil testing lab and one Bio pest control lab have been established for the benefit of farmers of this rural belt.



- **Physiotherapy OPD at nominal charges:** The college runs out-patient facility along with treatment using latest machinery in physiotherapy department for everyone at nominal charges. The Department of Physiotherapy organizes free medical camps where free medical checkup, physiotherapy treatment, homeopathic treatments and free medicines are provided to poor patients.
- **Vocational Training Centre:** The centre under lifelong learning program offers free three months certificate courses in cutting, tailoring, embroidery, food processing and preservation to economically weak women from nearby areas. Free education to under privileged children is provided by NSS volunteers of the college in this centre.
- **Scholarship for Needy Students:** The college provides 63 scholarships for economically weaker and poor bright students for their education. Moreover the college also provides fee concessions to needy students on the recommendation of admission committee.
- **Free Career Guidance:** The college organized free career guidance seminar for principals and students of all the schools of this region. Free career guidance books are provided to all the schools of Amritsar and nearby districts so as to guide students regarding career options in their field of choice. The career guidance is provided through a cell working under the guidance of Director Career Guidance who happens to be a senior faculty member of the college.
- **Awareness Campaign:** The college organizes one seminar and a poster making competition every year in collaboration with Red Ribbon Club, so as to generate awareness in youth against social evils like drug abuse, AIDS etc. Moreover, the theatre group of the college organizes plays and street plays (Nukad Natak) on social issues within and outside the campus regularly.
- **Gender Equality:** In the society where adverse sex ratio due to female foeticide and poor literacy among females persists, the college fulfills its responsibility by providing safe and qualitative educational opportunity to females. The college has created cell for Grievance Redressal and Dean Student Welfare (girls) is a senior member who takes care of the problems of girl students. This has resulted in a considerable increase in the strength of girl students and more than 50% of the total students admitted are girls.



- **Environment Friendly Approach:** The college has adopted eco-friendly approach to reduce air and water pollution by sensitizing and involving the students, staff members and society for environmental conservation for its sustainability. The institutional environmental friendly approach involves many practices such as organic farming, celebrating van-mahotsava every year, maintaining nursery of ornamental, fruit and flower plants, use of renewable sources of energy, ground water recharge, reduction in CO₂ emission and efficient waste management practices.
- **Heritage Conservation:** The college building restoration work is regularly being carried out so as to conserve the heritage structure. In order to conserve rare manuscripts and Sikh artefacts, the college has one museum in the old block.

Best Practice – II

Use of IT in Administration or E-Governance enables the use of information technology in administration or e-governance is the second best practice followed by the college and it has helped in improving the administrative work, admission process and examination work more simpler and transparent as it involves quick exchange of information among all stakeholders. Centralized e-governance office has been established in the administrative block of the college with co-ordinator, e-governance, 18 teacher incharges and two full time employees for uploading of information. One e-governance cell has been established in every department of the college and one teacher incharge i.e., Eighteen teacher incharges for e-governance have been appointed for departmental information uploading. All the employees have been provided with one e-governance account for sharing information from their department ID with the administration or students. The e-governance has become useful tool for students, staff members and administration for their diverse needs. The e-governance has benefitted the stakeholders immensely.

- **For Students:** The students can get information regarding their lecture statements, fee receipts, e-lectures, award lists, information about holidays and online lectures.
- **For Staff:** Information regarding inventory of all the departments like number of students, number of faculty members (department wise), annual budget (department wise), future expansion plans, all official as well as unofficial letters, salary statements, leave record and date of next annual increment of the employee etc. is available.
- **For Management:** The management of the college has administrative password for downloading information from this website and on the basis of the information available on this website, suitable policy is framed from time to time to manage the affairs of the college.

The paper usage in the campus has decreased significantly and evidence of success corroborated with constant upgradation of more services to the stakeholders through e-governance.

SWOC ANALYSIS (STRENGTHS, WEAKNESSES, OPPORTUNITIES & CHALLENGES)

The analysis of four areas comprises two binary sets. Strengths cannot be separated, or considered in isolation from weaknesses and vice-versa. Opportunities and challenges are likewise, two sides of the same coin. Challenges are opportunities in disguise.

1. STRENGTHS AND WEAKNESSES

1.1 Strengths

- Khalsa College, Amritsar has 125 years of distinct and glorious record of academic excellence.
- Sprawling campus covering an area of 300 acres conferred with Autonomous status and heritage status by UGC.
- Conferred CPE status (3rd Stage) by UGC, Star College status by Department of Bio-Technology, Govt. of India and recognition under FIST scheme of Department of Science & Technology, Govt. of India.
- The only college in the region to have Sikh History and Research Department (established in 1930) having a reference library, gallery of rare manuscripts, rare books, paintings and portraits of historical significance, catering to the research scholars from all over the world.
- The college offers a large number of diversified programmes (62) including research degrees.
- State-of-art, spacious and well stocked library with more than 1.8 lakh books, reference books, manuscripts, encyclopedia besides 12 departmental libraries.
- Existence of participatory learning and governance through 28 Departmental Subject Societies with active participation of students.
- Introduction of ICT facilities.
- Leading college of north-west region that has earned name and fame globally in sports, cultural and co-curricular activities. Well maintained play grounds and infrastructural facilities. It has produced Olympians, international, national and state champions and also a good number of artists (theatre, singers, stand up comedians).
- A long list of renowned and eminent alumni who have made a mark in diverse fields and have contributed for continued development of their alma mater.
- Highly qualified faculty with 113 Ph.Ds. Most of the faculty members are engaged in research activities publishing more than 700 research papers in journals of international and national repute during the last five years.
- Social service through Extension Services viz., OPD in Physiotherapy, Farmers' Training Centre and Life Long Learning Centre for deprived and under privileged women of society.
- Health insurance of students besides 63 scholarships and stipends offered by the college.
- College publishes two research journals with ISSN numbers in Punjabi and Sciences.

1.2 Weaknesses

- The College faculty is not permitted by affiliating University to supervise Ph.D. and start MBA and MCA courses. Hence complete academic autonomy is not yet available to the college.
- Ban on filling of vacant posts by Punjab Government has been a big hindrance in appointment of teachers on regular basis. The government has not sanctioned any grant-in-aid post for a large number of courses started after 1982. To run the courses efficiently, the college has to appoint a large number of regular and adhoc faculty on its own.
- Funding and grants from the government are stagnant which does not help to preserve the public education ethos.
- Need to upgrade Research facilities and provide online access to research journals. Involvement of both teachers and students in interdisciplinary research could be enhanced.
- College lags in MoU and academic collaborations with institutions of repute.
- Practical difficulty with implementation of innovative and best practices given the diverse nature of students.
- Need for organizing more International Conferences/Seminars and workshops
- College is not able to attract students with good academic performance in graduate programmes of Arts and Humanities
- Need for upgradation of infrastructural facilities in many departments.

2. CHALLENGES AND OPPORTUNITIES

2.1 Challenges

- Delivery of quality service and maintenance of 125 year excellent academic standards in view of the increasing number of students.
- To effectively implement choice based credit system.
- To maintain the balance between pressure of new educational technology and human capacity for moral and personality development.
- Ensuring optimum utilization of existing facilities (including ICT facilities)
- Collaborations with industries and other institutions for research activities/education Tours/trainings
- To attract more funds from UGC, CSIR, DST, FIST and other funding agencies
- Infrastructural requirements are continuously growing and require continuous updating.
- To ensure quality research facilities for faculty and students
- To motivate students for appearing in state and national level competitive exams
- To attract the best students with sound academic standards at the entry level in Arts and Humanities

2.2 Opportunities

- Immense scope for starting new courses.
- Further update of syllabi to meet modern and changing needs of students, society and employability. This will further enhance the scope for placements.
- To expand research activities in coming years so that students are able to participate in more inter disciplinary programmes and have better exposure to research problems and methodology.
- To expose students to quality techniques in terms of hand-on experience to keep up-to-date with changes in technology.
- To create opportunities for more collaborations with other Universities and institutions at national and international level.
- To start courses in the evening for working people and making optimum use of existing infrastructure.
- To invite advisory participation of the stake holders.
- Centralized solar power generating system.
- Provision for environmental and green audit of the campus.

PROFILE OF THE INSTITUTION

Profile of the Autonomous College

1. Name and Address of the College:

Name	:	Khalsa College Amritsar
Address	:	G.T. Road
City	:	Amritsar
State	:	Punjab
Website	:	www.khalsacollege.edu.in

2. For Communication:

Designation	Name	Telephone No.	Mobile	Fax	Email
Principal	Dr. Mehal Singh	O:0183-2258097 R: 9465884612	8528828200	0183-2255619	khalsacollege amritsar@ yahoo.com
Steering Committee Coordinator	Dr. Joginder Singh Arora	O: 9465884608 R:0183- 2505400	9417393800	0183- 2255619	jsarora59@ gmail.com

3. Status of the Autonomous College by management.

- (i) Government
- (ii) Private
- (iii) Constituent College of the University

4. Name of University to which the College is affiliated:

Guru Nanak Dev University, Amritsar

5. (a) Date of establishment, prior to the grant of 'Autonomy': (05/03/1892)

(b) Date of grant of 'Autonomy' to the College by UGC: (22/05/2013)

6. Type of Institution:

(a) By Gender

- (i) For Men
- (ii) For Women
- (iii) Co-education

(b) By Shift

- (i) Regular
- (ii) Day
- (iii) Evening

(c) Source of Funding

- (i) Government
- (ii) Grant-in-aid
- (iii) Self-financing

(iv) Any other (Please Specify)

7. Is it a recognized minority institution?

Yes
 No

8. (a) Details of UGC recognition:

Under Section	Date, Month & Year	Remarks (If any)
i. 2 (f)	19-04-1956	Certificate enclosed (Annexure I & II)
ii. 12 (B)	19-04-1956	Certificate enclosed (Annexure I & II)

(b) Details of recognition/approval by statutory/regulatory bodies other than UGC:

No

9. Has the College been recognized?

(a) By UGC as a ‘College with Potential for Excellence’ (CPE)

Yes No

Date of recognition: **19/05/2006**

(b) For its contributions/performance by any other governmental agency?

Yes No

Name of the Agency : Govt. of India, Department of Science & Technology

Date of recognition : 06/07/2009

Name of the Agency : Govt of India, Department of Biotechnology

Date of recognition : 06/03/2009

10. Location of the campus and area:

Location	Urban
Campus area in sq. mts/in acres	300 acres
Built up area in sq. mts.	48,987 sq. mts.

11. Does the college have the following facilities on the campus (Tick the available facility)? In case the College has an agreement with other agencies in using such facilities provide information on the facilities covered under the agreement.

- **Auditorium/seminar complex** (Yes)
- **Sports facilities**
 - * Play grounds (05) (Yes)
 - * Swimming pool (Yes)
 - * Gymnasium (Yes)
- **Hostel**
 - * Boys’ hostels (05) (Yes)
 - * Girls’ hostels (08) (Yes)

- **Residential facilities**
 - * For teaching staff √ (Yes)
 - * For non-teaching staff √ (Yes)
- **Cafeteria** √ (Yes)
- **Health centre**
 - * First aid facility √ (Yes)
 - * Inpatient facility √ (Yes)
 - * Outpatient facility √ (Yes)
 - * Ambulance facility √ (Yes)
 - * Emergency care facility √ (Yes)
- **Health centre staff:**
 - * Qualified doctor Full time √ (Yes) Part time
 - * Quali Nurse Full time √ (Yes) Part time
- **Other facilities**
 - * Bank (02) √ (Yes)
 - * ATM (03) √ (Yes)
 - * Post office ----
 - * Book shop √ (Yes)
- **Transport facilities**
 - *for students √ (Yes)
 - *for staff ----
- **Power house (Backup)** 7 Generators (845 KVA)
- **Waste management facility** √ (Yes)

12. Details of programmes offered by the institution: (Give data for current academic year 2016-17)

S. No.	Program Level	Name of the Program/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student intake	No. of students admitted
1.	Under Graduate	BA (Hons) English	3 years	+2 (50% marks)	English	40	35
		BA (Hons) Punjabi	3 years		Punjabi	40	25
		BA (Social Sci.)	3 years		English	60	28
		BA	3 years	+2 (40% marks)	English*	Unlimited	696
		B.Com.(Regular)	3 years		English	180	164
		B.Sc.(Eco.)	3 years		English*	120	34
		BBA	3 years		English	140	107
		BCA	3 years		English	160	130
		B.Sc.(IT)	3 years		English	80	70
		B.Sc.(Hons) Physics	3 years		+2 (Med/Non Med.) (50% marks)	English	40	28
		B.Sc.(Hons) Chem.	3 years	English		40	44
		B.Com.(Hons.)	3 years	+2 (40% marks) & 50% marks in Sem.I	English	70	41
		B.Sc. (Medical)	3 years	+2(40% marks) Sci. Exam.	English	Unlimited	189
		B.Sc. (Non Medical)	3 years	+2(40% marks) Sci. Exam	English	Unlimited	102
		B.Sc. (Hons) (Agri.)	3 years	+2(50% Science)	English	245	243
		B.Sc. (Hons) (Food Sci. & Tech.)	4 years	+2(40% Science)	English	140	177
		B.Sc. (Bio. Tech)	3 years	+2(40% Science)	English	80	70
		B.Sc.(Comp. Sc.)	3 years	+2(40% Non Medical)	English	60	41
BJMC	3 years	+2(40% marks)	English	60	53		

S. No.	Program Level	Name of the Program/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student intake	No. of students admitted
		BPT	4 ^{1/2} years	+2(50% Science)	English	60	56
		B.Sc. (Fashion Designing)	3 years	+2 (45% marks in any stream)		60	50
2.	Post Graduate	MA (Economics)	2 years	Graduate with 50% marks	English	60	19
		MA (English)	2 years		English	60	32
		MA (Pol. Sc.)	2 years		English*	60	13
		MA (History)	2 years		English*	60	23
		MA (Punjabi)	2 years		Punjabi	60	18
		M.A. (Fine Arts)	2 years		English*	15	10
		M.A. (Perform. Arts)	2 years		English*	15	11
		M.A. (Journalism)		Graduate with 40% marks	English*	15	11
		M.Com.	2 years	B.Com/BBA/BCA M/B-Ecom with 50% marks	English	120	69
		M.Sc. (Agro.)	2 years	B.Sc.(Agriculture) with 55% marks and 60% in elective subject	English	15	15
		M.Sc. (Agri Eco.)	2 years		English	15	15
		M.Sc. (Horti.)	2 years		English	15	15
		M.Sc.(Veg. Sc.)	2 years		English	10	10
		M.Sc. (Soil Sci.)	2 years		English	10	10
		M.Sc.(Ento.)	2 years		English	10	10
		M.Sc.(Comp.Sc.)	2 years	Graduate Comp. Sc./IT / BCA with 50% marks	English	30	13
		M.Sc.(IT)	2 years	Graduate Comp. Sc. /IT / BCA with 50% marks	English	40	22
		M.Sc.(Physics)	2 years	Graduate with 50% marks	English	35	35
		M.Sc.(Botany)	2 years		English	35	35
		M.Sc. (Zoology)	2 years		English	35	35
		M.Sc.(Math)	2 years		English	240	140
		M.Sc.(Bio Tech)	2 years		English	20	14
		M.Sc.(Chem.)	2 years		English	35	35
		M.Sc.(Chem) Pharma	2 years		English	15	12
		M.Sc. (Food Sci.& Tech)	2 years	B.Sc.(Agri)/BFST with 55% marks	English	30	30
		MPT	2 years	BPT with 50% marks	English	04	02
3.	M.Phil.	Commerce	1 ^{1/2} years	55% marks (for general) 50% marks (for SC/ST students)	English	10	10
		English	1 ^{1/2} years		English	10	06
		Political Science	1 ^{1/2} years		English	07	05
		Punjabi	1 ^{1/2} years		Punjabi	15	15
4.	PG Diploma	PGDFS	1 year	Graduate	English	40	11
		PGDCA	1 year	Graduate with 40% marks	English	80	62
		PG Diploma in Garment Construction & Fashion Designing	1 year	Graduate with 40% marks	English	25	02
5.	Diploma	Diploma in Retail Management	1 year	+2 (40% marks)	English	40	31
		Diploma in Computerised Accounting	1 year		English	40	35
		Diploma in Comp. Appl.	1 year		English	180	162
		Diploma in Gatka	1 year		English Punjabi	50	50
		Diploma in Landscaping	1 year		English	40	11
		Diploma in Seed Production	1 year		English	40	13
6.	Certificate course	Computerized Accounting	6 months		English	40	04

*Medium of instructions is Hindi/Punjabi as well

13. Does the institution offer Self-financed Programmes?

Yes No

How many?

14. Whether new programmes have been introduced during the last five years?

Yes No

If yes ,

Number	32
--------	----

15. List the departments: (Do not list facilities like library, Physical Education as departments unless these are teaching departments and offer programmes to students)

FACULTY	DEPARTMENTS	UG	PG	RESEARCH
Agriculture	Agriculture	√	√	√
Arts	English	√	√	√
	Hindi	√		
	Punjabi	√	√	√
	History	√	√	
	Political Science	√	√	√
	Social Science	√		
	Journalism and Mass Communication	√	√	
	Economics	√	√	
	Physical Education	√		
	Fine Arts	√	√	
	Music	√	√	
	Fashion Designing	√		
	Geography	√		
	Psychology	√		
Sociology	√			
Commerce	Commerce and Business Administration	√	√	√
Science	Biotechnology	√	√	
	Botany	√	√	
	Chemistry	√	√	
	Computer Science	√	√	
	Mathematics	√	√	
	Physics	√	√	
	Food Science	√	√	
	Physiotherapy	√	√	
Zoology	√	√		

16. Are there any UG and/or PG programmes offered by the College, which are not covered under Autonomous status of UGC? Give details. Nil

17. Number of Programmes offered under (Programme means a degree course like BA, MA, BSc, M Sc, B.Com etc.)

- a) Annual system
- b) Semester system
- c) Trimester system

18. Number of Programmes with

- a) Choice Based Credit System
- b) Inter/multidisciplinary approach
- c) Any other (specify)

19. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

- a) including the salary component
- b) excluding the salary component

20. Does the College have a department of Teacher Education offering NCTE recognized degree programmes in Education?

Yes No

21. Does the College have a teaching department of Physical Education offering NCTE recognized degree programmes in Physical Education?

Yes No

22. Whether the College is offering professional programme?

Yes No

23. Has the College been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

- The college has been accredited twice by the peer NAAC committee in the years 2003 and 2011. The college was conferred Autonomous status in 2013 by Guru Nanak Dev University. (The autonomous status is due for review in 2017).
- Physiotherapy department has been recognised by The Indian Association of Physiotherapists in the session 2016-17.

24. Number of teaching and non-teaching positions in the college:

Position	Teaching faculty								Non teaching Staff			Technical Staff		
	Professors		Associate Professors			Assistant Professors			M	F	Total	M	F	Total
	M	F	M	F	Total	M	F	Total						
Sanctioned by the UGC/University/ State Government														
Recruited	--	--	12	14	26	33	43	76	28	03	31	23	01	24
Yet to recruit	--	--	--	--	--	--	--	38	--	--	27	--	--	33
Sanctioned by the Management/ Society or other authorised bodies														
Recruited	--	--	--	--	----	56	148	204	209	36	245	09	--	09
Yet to recruit	--	--	--	--	----	--	--	---	--	--	--	--	--	--

25. Qualifications of the teaching staff:

Highest Qualification	Professor		Associate professor			Assistant Professor		
	Male	Female	Male	Female	Total	Male	Female	Total
Permanent teachers								
D.Sc./D.Litt.								
Ph.D.	--	--	09	08	17	26	30	56
M.Phil.	--	--	02	06	08	04	06	10
PG	--	--	01	--	01	10	16	26
Temporary teachers								
Ph.D	--	--	--	--	--	17	23	40
M.Phil.	--	--	--	--	--	06	19	25
PG	--	--	--	--	--	23	95	118
Part-time teachers								
Ph.D	--	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--	--
PG	--	--	--	--	--	01	02	03

26. Number of Visiting Faculty/ Guest Faculty engaged by the college. 03

27. Students enrolled in the college during the current academic year, with the following details: (2016-17)

Students	UG			PG			M.Phil.		
	M	F	Total	M	F	Total	M	F	Total
From the state	2290	2975	5265	336	975	1311	12	21	33
From other states	-	-	-	-	44	44	-	01	01
Foreign students	-	-	-	-	-	-	-	-	-
Total	2290	2975	5265	336	1019	1355	12	22	34

Students	P.G. Diploma			Diploma			Certificate Course		
	M	F	Total	M	F	Total	M	F	Total
From the state	48	35	83	232	79	311	03	01	04
From other states	-	-	-	02	-	02	-	-	-
Foreign students	-	-	-	-	-	-	-	-	-
Total	48	35	83	234	79	313	03	01	04

28. Dropout rate in UG and PG (average for the last two batches)

UG 9%

PG 1.2%

29. Number of working days during the last academic year. 294

30. Number of teaching days during the last academic year 189

31. Is the college registered as a study centre for offering distance education programmes for any University? Yes No

32. Provide Teacher-student ratio for each of the programme/course offered

Program/Courses	Teacher Student Ratio	Program/Courses	Teacher Student Ratio
UG Programs		PG Programs	
BA	1:72	MA (Economics)	1:6
BA (Social Science)	1:21	MA (Pol. Sc.)	1:10
B.Com.(Regular)	1:20	MA (English)	1:7
B.Com. (Prof.)	1:13	MA (Punjabi)	1:5
B.Com.(Hons.)	1:8	MA (History)	1:6
B.Sc.(Medical)	1:15	MA (Journalism)	1:3
B.Sc.(Non Medical)	1:19	M.Com.	1:9
B.Sc.(Economics)	1:35	M.Sc.(Chemistry)	1:10
B.Sc. (Agriculture)	1:17	M.Sc. (Pharmaceutical Chem.)	1:3
B.Sc. (Food Science)	1:32	M.Sc. (Hons) (Agriculture)	1:4
B.Sc. (Bio. Tech)	1:19	M.Sc.(Comp.Sc.)	1:20
B.Sc.(Comp. Sc.)	1:57	M.Sc.(IT)	1:24
BBA	1:8	M.Sc.(Physics)	1:8
B.A. (JMC)	1:18	M.Sc.(Botany)	1:17
BPT	1:14	M.Sc.(Zoology)	1:16
BCA	1:45	M.Sc.(Math)	1:12
B.Sc.(IT)	1:50	M.Sc.(Bio Tech)	1:3
B.Sc. (Fashion Designing)	1:18	M.Sc.(Food Tech)	1:6
B.Sc.(Hons.) Physics	1:5	MPT	1:2
B.Sc.(Hons.) Chemistry	1:13	Master in Performing Arts	1:11
B.Sc.(Hons.) English	1:5	M.A.(Fine Arts)	1:3
B.A. (Hons.) Punjabi	1:3		
M.Phil		P.G. Diplomas	
M.Phil. Commerce	1:3	PG Dip. in Financial Services	1:2
M.Phil. English	1:3	PG Dip. in Comp. App.	1:29
M.Phil. Punjabi	1:2	PG Dip. in Garment Constr. & Fashion Designing	1:2
M.Phil. Political Science	1:1.25		
Certificate Course		Diploma Courses	
Certificate Course in Computerized Accounting	1:17	Dipl. in Retail Management	1:2
		Dipl. in Comp. Applications	1:48
		Dipl. in Comp. Accounting	1:17
Add On Courses		Dipl. in Gatka	1:25
Urdu	1:20	Dipl. in Landscaping	1:4
Spoken English	1:15	Dipl. in Seed Production Tech.	1:3

33. Is the college applying for?

Accreditation: Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: (16/09/2003) Accreditation outcome/results (Grade A)
(Annexure VI & VII)

Cycle 2: (16/09/2011) Accreditation outcome/results (Grade A)
(Annexure VIII & IX)

35. (a) Date of establishment of Internal Quality Assurance Cell:(16/10/2006)

(b) Dates of submission of Annual Quality Assurance Reports (AQARs).

- (i) AQAR for the year 2011-12 on 28/01/2015
- (ii) AQAR for the year 2012-13 on 28/01/2015
- (iii) AQAR for the year 2013-14 on 28/01/2015
- (v) AQAR for the year 2014-15 on 29/10/2015
- (vi) AQAR for the year 2015-16 on 23/02/2017

36. Any other relevant data, the college would like to include.

- The college got autonomous status in July 2013. It is the first college affiliated to GNDU to have been conferred the autonomous status.
- It is the only college in Punjab to start M.Phil. Courses in Languages, Humanities and Commerce.
- In the last two years, college has added 27,340 sq. mts. of covered area which is more than the earlier covered area 21,647 sq. mts.
- The college improved its position in sports in GNDU in the last two years. In 2014-15, the College overall 3rd position in the university by increasing its points from 6500 to 13,500. In 2015-16, the College improved further and achieved overall 2nd position in the university by securing more than 20,000 points including approximately 5000 points of sports persons.
- GNDU women cricket team were champions of All India inter-varsity cricket tournament in 2015-16 and 11 playing members of the team were from Khalsa College Amritsar.
- The college has established 5th Bio-pest lab. in Punjab as the organic way of pest control.
- The college started Life Long Learning Programme under Vocational Training Centre to provide free training to the underprivileged and poor women.
- Farmers Training Centre was established in 1969 under grant in aid scheme.
- Weather Station is provided to the students for their research and academic activities.
- Agricultural Department of the college has 65 acres of cultivable walled farm land for organic farming.
- The college has started prestigious courses such as B.Com. (Hons) in the session 2015-16 and B.Sc.(Hons.) in Chemistry, Physics , English and Punjabi in the session 2016-17.

**CRITERION WISE
ANALYTICAL
REPORT**

CRITERION I

CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 How are the institutional vision/mission reflected in the academic programs of the college?

Khalsa College is committed to preserve its rich history and cultural heritage and making it a place of learning that would strive towards ever higher degree of excellence in the development of the mind and spirit.

- It has preserved its rich history and culture by establishing Sikh History and Research Department that houses rare manuscripts, books, and a museum.
- Higher degree of excellence has been achieved by:
 - (a) Optimum transparency in admission of student and faculty appointment
 - (b) Upholding merit as foremost criterion
 - (c) Maintenance of work culture
 - (d) Discipline combined with freedom of thought and expression
 - (e) Sense of national consciousness.
- Development of mind and spirit is woven into the ambivalence of learning environment. Students are encouraged to give up all that is dogmatic, respect all religions, be honest and hard working, courteous towards the staff, faculty to be caring, understanding and responsive. Moreover emphasis is also laid on serving humanity and living life with dignity.

The Mission of Khalsa College is to “focus on transformative education in the context of globalization, to develop multi dimensional personality of the students by providing opportunity to participate in religious, cultural, co-curricular, theatrical, literary and sport activities, to provide opportunities for educational vocational, professional, social, linguistic and cultural development of students and instill sense of pride and achievements of personal accomplishments”.

The mission of transformative education is practiced through:

- Planning academic curriculum with focus on student centeredness and practising strategies and activities that have cognitive and effective objectives.
- Using teaching technologies that match student level appreciation.
- Laying emphasis on analytical and critical thinking by arranging workshops, seminars, extension lectures on environment sustainability and gender sensitization etc.
- Using methods of evaluating students learning by holding class tests, mid semester examinations, inter-departmental academic competitions promoting theatrical and co-curricular activities through theatre workshops, cultural activities.

- Teaching human values through NCC and NSS and teaching of life skills by arranging personality development lectures and imparting of soft skills.

The mission of opportunities for vocational, professional, social, linguistic and cultural development is reflected through wide variety of the graduate and post-graduate academic programs offered by the college.

1.1.2 Describe the mechanism used in the design and development of the curriculum? Give details on the process. (Need, Assessment, Feedback, etc)

The college attained the autonomous status in July 2013 and prior to this period, the curriculum of affiliating Guru Nanak Dev University was adopted.

The college believes in justifying the trust of its founding fathers by synchronizing tradition and modernity. The curriculum needs are assessed after getting feedback from eminent academicians, industry experts, alumni, students and their parents.

The development of curriculum passes through the following process:

- The syllabi are prepared keeping in mind the current developments, need based curriculum and feed backs.
- The syllabi are discussed in departmental meetings which are held at regular intervals before the meeting of Board of Studies.
- The final syllabi prepared by the departments are put before the Board of Studies, where these are thoroughly discussed and passed.
- The recommendations of the Board of Studies of various departments are placed before the Academic Council for approval. The Academic Council is chaired by Principal and comprises of Deans of various faculties, Heads of Departments and experts from different fields as per UGC guidelines.
- The recommendations of Academic Council are placed before the Governing Body for final approval. Syllabi are notified after the final approval of governing body.

Feedback: The college obtains feedback from students, teachers and other stakeholders about curricula. Principal gets feedback by interacting with students in the class rooms or students can submit the feedback to the Principal directly.

1.1.3 How does the college involve industry, research bodies and civil society in the curriculum design and development process? How did the college benefit through the involvement of the stakeholders?

The experts from industry, members of civil society and research scholars are members of various Boards of Studies, Academic Council and Governing Body of the college. Their suggestions are given due consideration in the design and development of curricula.

The syllabi of some courses have been redesigned by incorporating the suggestions from various stakeholders. Based on the suggestions/recommendations, 32 new courses have been started.

1.1.4 How the following aspects are ensured thorough curriculum design and development?

a) Employability

b) Innovation

c) Research

- **Employability**

Efforts are made to ensure that curriculum is implemented efficiently and innovatively. Employability is ensured through:

- Research Projects.
- Industrial Visits.
- Training Camps.
- Vocational Courses.
- Workshops and Seminars.
- Personality Development Classes.
- Career Counseling.
- Coaching Classes.
- Placement Drives.

- **Innovation**

The college believes that education should focus on fostering innovation by putting curiosity, critical thinking, deep understanding of the rules and tools of enquiry and creative brainstorming at the centre of curriculum. To spur an innovative mindset the college offers the following tools and experiences:

- Project based learning.
- Concept based teaching by giving assignments to students.
- Teaching of skills.
- Team work through subject societies.
- Use of thinking tools by organizing Quizzes, Debates, Power Point Presentations etc.
- Use of creative tools by involving students in Poster Making, Art and Craft competitions and writing articles for the college magazine 'Darbar'.

- **Research**

The research committee recommends various measures resulting in introduction of

- **Research degree courses of M.Phil :** (English, Punjabi, Commerce and Political Science) introduced in 2015-16.
- **Research Journals:**

The college has started publication of research journals

- (i) “**ਸੰਵਾਦ**” (**Samvad**) Published by PG Department of Punjabi

(ii) “**Current Reports on Science and Technology**” published by Faculty of Sciences. These journals are referred journals and have been assigned ISSN numbers.

- **Projects in PG classes:** PG classes in all the science streams have research projects with dissertations/assignments/presentations.
- **Workshops and Seminars:** Apart from projects, summer training camps, workshops and seminars are part of curricula design.

1.1.5 How does college ensure that the curriculum developed address the needs of the society and have relevance to the regional/national developmental needs?

- **Societal Needs:** The various curricula have been designed keeping in mind the needs of society in the fields of agriculture, food science, physiotherapy, biotechnology, computer and IT sector, chemical industry, education, trade service and industry sectors.
- **Farmers’ Interest:** The needs of farming community are being fulfilled by various degree and diploma courses like M.Sc. (Agriculture, Horticulture, and Agronomy) and B.Sc. Agriculture, B.Sc. Food Science and Technology. New courses have been introduced in Soil Science, Vegetable Sciences, Entomology, Landscaping and Seed Production Technology. The curricula of these courses are based upon the guidelines of ICAR.
- **A Soil Testing Laboratory** has been set up with the help of Ministry of National Food Security, Government of India, keeping in mind the needs of farmers of the region.
- **A Weather Station** has also been installed in the college.
- **Ecology Issues:** The curricula of the college also focus on the ecology and environment related aspects. In second year of all three year degree courses, a paper on Environment Studies has been made compulsory.
- **Pharmaceutical Industry** needs have been met by introducing M.Sc. Pharmaceutical Chemistry.

1.1.6 To what extent does the college use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the college been instrumental in leading any curricular reforms which has created a national impact?

The college was conferred autonomous status in July 2013. It follows the guidelines of the regulatory bodies such as UGC, ICAR, Indian Council of Physiotherapy and affiliating University.

1.2 Academic Flexibility

1.2.1 Give details on the following provisions with reference to academic flexibility

(a) Core/Elective options

For UG courses, the ordinance of affiliating university is followed. Each UG course (Science, Arts and Commerce) has five core subjects including languages (Punjabi and English) as compulsory subjects.

- The elective options are available in all M. Phil programs, Masters (English, Economics, Commerce, and Agriculture), Graduation Programs (Commerce Regular, Commerce Hons, Professional, BBA, BA Social Sciences) and all BA courses.
- In B.A., 16 elective papers are offered.
- In B.Sc. Agriculture (Hons.), 10 elective papers are offered.

(b) Enrichment Courses

The college has introduced following enrichment courses viz.

- Certificate course in Urdu.
- Certificate course in Spoken English and IELTS.
- Certificate course in Computerized Accounting.
- Certificate course in Seed Production Technology.
- Certificate course in Landscaping.
- P.G. Diploma in Fashion Designing and Garment Construction.

(c) Courses offered in modular form

The college is in the process of introducing some courses in modular form from the next session.

(d) Credit transfer and accumulation facility

At present percentage system is being followed in all the courses as per the affiliating University rules. The credit system is under consideration.

(e) Lateral and vertical mobility within and across programs and courses

Lateral mobility is governed by affiliating University rules and is allowed within stipulated time across programs. However lateral and vertical mobility across courses is not allowed by the affiliating university.

1.2.2 Have any course been developed especially targeting international students? If so, how successful have they been? If 'no' explain impediments.

The admission in different courses in college is open to all prospective international students.

1.2.3 Does the college offer dual degree and twinning programs? If yes, give details.

The affiliating university does not allow dual degree or twinning programs.

1.2.4 Does the college offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programs

The policies regarding admission, teacher qualification and salary of self-financing courses are at par with the aided programs. However about 10-15% variation in fee structure is there.

The following self-financing courses are being offered by the college.

M. Phil Courses	
<ul style="list-style-type: none"> • M. Phil (Commerce) • M.Phil. (Punjabi) 	<ul style="list-style-type: none"> • M.Phil (Political Science) • M.Phil (English)
2 Years Post Graduate Courses	
<ul style="list-style-type: none"> • M.Sc. (Botany) • M.Sc. (Zoology) • M.Sc. (Physics) • M.Sc. (Mathematics) • M.Sc. (Bio Technology) • M.Sc.(Pharmaceutical Chemistry) 	<ul style="list-style-type: none"> • M.P.T.(Physiotherapy) • M.Sc.(Computer Science) • M.Sc. (Information Technology) • M.Sc.(Food Science & Technology) • Master (Journalism and Mass Communication) • M.A. (History)
Under Graduate Courses	
<ul style="list-style-type: none"> • B.Sc. (Bio Technology) • B.Sc. (Fashion Designing) • Bachelor in Journalism & Mass Communication 	<ul style="list-style-type: none"> • BCA • B.Sc. (Information Technology) • Bachelor in (Physiotherapy) • B.A. (Social Sciences)
1 Year Post-Graduate Diplomas	
<ul style="list-style-type: none"> • P.G. Diploma in Computer Application • P.G. Diploma in Retail Management • P.G. Diploma in Landscaping • P.G. Diploma in Computer Applications 	<ul style="list-style-type: none"> • P.G. Diploma in Garment Construction and Fashion Designing • Diploma in Seed Production Technology
Certificate Courses	
<ul style="list-style-type: none"> • Diploma in Comp. Applications • Diploma in Computerized Accounting 	<ul style="list-style-type: none"> • Certificate Course in Computerized Accounting • Urdu • Certificate in Spoken English

1.2.5 Has the college adopted the Choice Based Credit System (CBCS)? If yes, how many programs are covered under the system?

The college was conferred autonomous status in July 2013 and prospects of choice based credit system are under consideration.

1.2.6 What percent of programs offered by the college follows:

- * Annual system 1.61%

* Semester system 98.39%

* Trimester system 0%

1.2.7 What is the policy of the college to promote inter-disciplinary programs? Name the programs and what is the outcome?

The college has adopted the policy to introduce maximum number of interdisciplinary programs as per guidelines of UGC, ICAR, GNDU as well as recommendations of Governing Body and Academic Council. The following interdisciplinary programs have been introduced in college:

Sr. No.	Programs	Other Departments Involved
1.	M. Phil (Eng., Pbi, Pol. Sci., Commerce)	Psychology
2.	B.A. Social Sciences	History, Political Science, Economics, Commerce, Sociology, Psychology, Physical Education, Hindi, Punjabi, English and Science.
3.	B.A. (Hons) Punjabi	Urdu
4.	B.A. (Hons) English	Sociology
5.	B. Physiotherapy	Economics, Botany, Psychology

Outcome of Interdisciplinary Courses

- The students while concentrating on study in one area, can develop simultaneously an understanding of its connection with other disciplines.
- The students acquire understanding of the potential career for the degree program that they pursue.
- The horizon of students is widened.
- The response of students is very encouraging to these interdisciplinary courses.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the college reviewed for making it socially relevant and/or job oriented/ knowledge intensive and meeting the emerging needs of students and other stakeholders?

The curriculum is reviewed biannually through Board of Studies, Academic Council and Governing Body. The suggestions are analyzed intensively from the point of social relevance and job requirements of students. After analysis, needed amendments are incorporated in the curriculum keeping in mind the aspirations of all stakeholders.

1.3.2 How many new programs have been introduced at UG and PG level during the last four years? Mention details.

The new programs introduced during last four years are:

Year/ Session	New M.Phil/PG Programs	New UG Programs	New Diploma/ Certificate Programs
2013-14	Nil	Nil	
2014-15	<ul style="list-style-type: none"> • M.Sc.(Hons) Biotechnology • M.Sc.(Hons) Food Science and Technology 	Nil	
2015-16	<ul style="list-style-type: none"> • M.Phil(Commerce) • M.Phil(English) • M.Phil(Pol. Science) • M.Phil(Punjabi) • M.Sc. (Soil Science) • M.Sc. (Veg. Science) • M.A. (History) • Master in Physiotherapy (Cardiopulmonary) 	<ul style="list-style-type: none"> • B.A. (Social Science) • BJMC • Bachelor (Fashion Designing) • B.Com (Hons) 	<ul style="list-style-type: none"> • Diploma in Retail Management • Diploma in Comp. Applications
2016-17	<ul style="list-style-type: none"> • M.Sc. (Pharmaceutical Chemistry) • M.A. (Journalism and Mass Communication) • M.A.(Fine Arts) • M.A.(Performing Arts) • M.Sc. Entomology 	<ul style="list-style-type: none"> • B.Sc. (Hons) Chemistry • B.Sc. (Hons) Physics • B.A. (Hons) English • B.A. (Hons) Punjabi 	<ul style="list-style-type: none"> • Diploma in Computerized Accounting • Certificate Course in Computerized Accounting • Diploma in Landscaping • Diploma in Seed Production Technology • Diploma in Garment Construction & Fashion Designing • Diploma in Gatka • Add on certificate course in Urdu

1.3.3 What are the strategies adopted for revision of the existing programs? What percentage of courses underwent a major syllabus revision?

- The Boards of studies in all departments meet twice a year to review the syllabi and curricula of programs.
- About 10-20% syllabi of almost all courses have undergone change. However in Agriculture 80% of the syllabi have been changed in accordance with the guidelines of ICAR

1.3.4 What are the value added courses offered by the college and how does the college ensure that all students have access to them?

The value added courses viz. Certificate Course in Computerized Accounting, Computer Applications, P.G. Diploma in Garment Construction and Fashion Designing, Diploma in Seed Production, Landscaping, Retail

management and Diploma in Computerized Accounting are being offered by the college. Students have access to these courses through college website, pamphlets, college prospectus, notice boards, class announcements and news paper advertisements.

1.3.5 Has the college introduced any higher order skill development programs in consonance with the national requirement as outlined by the National Skill Development Corporation and other agencies?

The college has initiated Skill Development Program by starting short term courses like Diploma in Garment Construction, Diploma in Gatka, Diploma in landscaping, Diploma in Computerized Accounting, Certificate in Computerized Accounting, Diploma in Retail Management, Diploma in Seed Production Technology. The college organizes skill development programs by inviting experts in this field.

1.4 Feedback System

1.4.1 Does the college have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

The college has introduced tutorial groups to obtain the feedback from the students not only for the curriculum but also for overall feedback regarding all issues concerning the students. The feedback is also obtained from outgoing students at the time of convocation on the prescribed performa. The tutors submit the report of their tutorial groups to the office and a comprehensive report is prepared by the Principal's office which is subsequently discussed in the meeting of the departments for the ramification of deficiencies in the curriculum. The issues referred are discussed with the experts and faculty members in the respective Board of Studies for final decisions.

1.4.2 Does the college elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same (conducting seminars, workshop, online forum discussion etc.). Give details of the impact on such feedback.

The college has been conferred Autonomous Status. The curriculum for various courses was adopted from affiliating University and initially some changes (10-20%) were suggested by various stakeholders which have been implemented in subsequent years. The college is in process of sending various curricula to the experts from central and other Universities and taking the feedback for further improvement in the syllabi.

CRITERION II

TEACHING-LEARNING AND EVALUATION

2.1 Students Enrolment and Profile

2.1.1 How does the college ensure publicity and transparency in the admission process?

A transparent procedure is followed for admitting students to various academic programs. The publicity is ensured through:

- Advertisement in national and regional newspapers, Local radio channels (FM) and on Cable T.V. channels.
- Extending information through updated college website www.khalsacollege.edu.in.
- Providing complete information through college prospectus.
- Displaying banners/hoardings at various places.
- Hand bills in local and regional newspapers.
- Visits to various schools by groups of teachers for the publicity of different courses.
- Career Guidance Seminars for school and college students
- Career guide booklet published by college and distributed among the students and various institutions.
- A complete transparency and secrecy is observed at every level in the admission process. The admission to various courses is governed by set procedures and rules.

2.1.2 Explain in detail the process of admission put in place for UG, PG and Ph.D. programs by the college. Explain the criteria for admission (Ex. (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common test conducted by state agencies and national agencies (v) others followed by the College?

Admission schedule is prepared for every session and published in college prospectus. The admissions of students to different programs in the college are made as per one of the following criteria:

1. Admission based on entrance test basis: M.Sc. Agriculture (Agronomy/Horticulture/Agri. Economics/Soil Science/Vegetable Science/Entomology), M.Sc. (Physics/ Chemistry/Pharmaceutical Chemistry), M.Phil. (English/Punjabi/Political Science and Commerce) and UG courses viz. B.Sc. (Hons.) Agriculture, Food Science and Technology, Physiotherapy, Physics, Chemistry are based on entrance test.

2. Merit basis: The students to the postgraduate courses M.Sc. (Botany, Zoology, Biotechnology, Food Science and Technology), MPT (Cardiopulmonary) and to under graduate courses of B.A. (Hons.) English and Punjabi, B.Sc.

(Biotechnology) and B.A. (Social Sciences) are admitted on the basis of merit and marks obtained in the qualifying class.

3. First come first serve basis: Admission to all other courses is based on first come first serve basis. The cut off percentage is usually above the minimum qualifying eligibility percentage set by the university.

2.1.3 Does the college have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

- Principal of the college receives inputs from admission committees as well as students/ parents. These inputs are discussed and reviewed in the meeting of Heads of departments and all required measures are taken.
- The college admission committees are constituted each year under the convenorship of senior faculty members to review the entire admission process thoroughly. The progress is monitored by the Principal, Dean Academic Affairs and Registrar.
- Based on the admission committee reviews, the admission to M.Sc.(Physics) and M.Sc.(Chemistry) was conducted through entrance test for the session 2016-17, whereas the admission was based on merit basis earlier.
- Student profile analysis is done every year. This has helped in:
 - (i) Making admission process fully transparent.
 - (ii) Considerable increase in intake of girl students.
 - (iii) Attracting students from other states.
 - (iv) Providing fee concession to attract meritorious students.

2.1.4 What are the strategies adopted to increase/improve access to students belonging to the following categories?

(a) SC/ST: College encourages the students from SC/ST categories by providing them the financial assistance as per government rules in all programs.

(b) OBC (other backward classes) Fee concession and scholarships are provided to the OBC students as per government rules.

(c) Women

- Equal opportunities are given to girl students.
- Almost 50% of the students in the college are girls.
- The college has also started co-education in B.A. Classes w.e.f. academic session 2007-08.
- CCTV cameras are installed in the campus to curb the menace of eve teasing.
- Separate hostels for girl students.

- Establishment of Women Grievances Redressal Cell.

(d) Differently-abled

- Equal opportunities are available for differently abled students.
- Special financial assistance is also provided to needy disabled students.
- Wheel chairs are available.
- Lifts in new building.
- Classes at ground floor for physically challenged students.

(e) Economically-weaker sections

- There are fee-concessions, book bank and other related study material and fee installment scheme.
- The college maintains the list of economically weaker students and efforts are made to arrange scholarships/financial help from different sources.

(f) Sports personnel

- Sports personnel are given fee concessions, free accommodation, free meals, free sports equipment, kits and free refreshment etc.

(g) Any other (specify)

- There is provision for fee installment scheme and fee concessions for students who participate and excel in academic, youth, sports and cultural activities.
- Total fee concession is given to the university toppers.
- Fee concession is also given to the college toppers.

The following amount in the form of freeships and scholarships has been spent on sports persons in the last five years:

Session	2011-12	2012-13	2013-14	2014-15	2015-16
Amount (in Rs.)	152740	2135215	2418605	6008368	13939920

To motivate students for cultural activities the following financial assistance in the form of fee concession, freeships, scholarships has been offered in the last five years:

Session	2011-12	2012-13	2013-14	2014-15	2015-16
Amount (in Rs.)	180365	121672	161126	227173	343915

2.1.5 Furnish the number of students admitted in the college in the last four academic years

Categories	Year 1 2013-2014			Year 2 2014-2015			Year 3 2015-2016			Year 4 2016-2017		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
SC	35	13	48	98	23	121	180	78	258	528	287	815
ST	-	-	-	-	-	-	-	-	-	02	02	04
OBC	14	13	27	13	26	39	16	12	28	343	269	612
General	2543	2007	4550	2619	2553	5172	2920	2995	5922	2756	2851	5607
Physically Challenged	--	--	--	01	--	01	04	03	07	12	04	16
Total	2592	2033	4625	2731	2602	5333	3120	3088	6208	3641	3413	7054

2.1.6 Has the college conducted any analysis of demand ratio for the various programs offered by the college? If so, indicate significant trends explaining the reasons for increase / decrease.

The college conducts analysis of demand ratio (Applications received /Admitted) for the programs offered. The demand ratio is good to high for B.Sc. Agriculture, Food Science and Technology, B.Sc. Hons. (Chemistry and Physics), M.Sc. (Chemistry and Physics), M.Sc. (Agriculture (Agronomy/ Horticulture/Agri. Economics/Veg. Science/Soil Science/Entomology), M.Phil. (Commerce, English, Punjabi and Political Science) and Diploma in Retail management. For the programs having admission on first come first serve basis, the demand ratio is slightly higher than students admitted.

Programs	2012-13	2013-14	2014-15	2015-16	2016-17
Under Graduates					
B.Sc.(Agriculture)	1:9.73	1:8.63	1:9.58	1:6.93	1:5.20
B.Sc.(Food Science)	1:3.24	1:3.75	1:3.94	1:2.79	1:2.85
BA (Social Science)					1:1.21
B.Sc.(Hons.) Chemistry					1:1.77
B.Sc.(Hons.) Physics					1:2.32
Post Graduates					
M.Sc.(Agronomy)	1:3.66	1:3.46	1:3.75	1:5.25	1:6.06
M.Sc.(Horticulture)		1:3.13	1:4.93	1:4.81	1:5.8
M.Sc.(Agri. Economics)		1:1.66	1:1	1:1.75	1:1
M.Sc.(Vegetable Sci.)				1:3.5	1:5
M.Sc.(Soil Science)				1:2.1	1:4
M.Sc.(Entomology)					1:1.7
M.Sc. (Chemistry)	1:1.16	1:2	1:3.26	1:3.72	1:2.4
M.Sc.(Physics)	1:1.1	1:2.6	1:3.50	1:5.51	1:2.48
M.Sc.(Botany)	1:1.36	1:1.66	1:1.26	1:3.08	1:2.31
M.Sc.(Zoology)	1:1.96	1:1.53	1:1.53	1:3.28	1:3.65
M.Sc.(Food Tech)			1:1.28	1:1.15	1:1.33
M.Phil.					
M.Phil. (Commerce)				1:2.66	1:1.8
M.Phil. (English)				1:2	1:2.83
M.Phil. (Punjabi)				1:4	1:5.2
M.Phil.(Political Science)				1:4.57	1:4.4
Diploma Course					
Retail Management				1:1.09	1:4.22

2.1.7 Was there an instance of the College discontinuing a program during last four years? If yes, indicate the reasons.

B.Com. Professional has been discontinued by the affiliating university since 2015.

2.2 Catering to Student diversity

2.2.1 Does the college organize orientation/induction program for freshers? If yes, give details of the duration of program, issues covered, experts involved and mechanism for using the feedback in subsequent years.

The college organizes orientations/induction programs for freshers at the college level and at the departmental levels.

- Since orientation/induction programs play a critical role in shaping student perception of what the college has to offer and helps the student to settle down. In the first week of the session, the Principal addresses new students faculty wise. He makes them aware of the rich, glorious heritage of the college, objectives of founding fathers at the time of establishment, traditions of the college, courses offered, campus culture, core values of the college, students support system and co-curricular activities.
- Issues covered include: syllabi, library, e-governance, course plan, academic calendar and research facilities, the examination system, internal assessment criteria, seminars, projects, maintenance of discipline and cleanliness in the college and other necessary instructions.
- At the time of admission, a short film about the profile of the college is shown to the students highlighting the achievements of the faculty, students and alumni. The slide show displays all relevant information of interest to the students.
- The Heads, Deans and Senior Teachers also conduct the orientation programs for students to make them aware about history of the concerned departments, course objectives, available resources and infrastructure, subject societies, attendance and leave rules.
- The suggestions from students are taken and after proper analysis, the strategies for further improvement are evolved.
- Discussion of the Senior Teachers and Heads with the Principal is held for the improvement of the orientation/induction programs.

2.2.2 Does the college have a mechanism through which the differential requirements of student population are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- The Principal holds meetings with all the Heads of departments after the admission and before the commencement of classes to plan strategies to address the different requirements of students. The requirements are identified by the teachers on admission duty/counseling committee at the time of admission and reported to the concerned heads. The following measures have been taken:
 - Gender sensitization through lectures.
 - Arranging remedial classes to help students with poor academic performance to cover deficiencies.
 - Adopting of bilingual teaching to cater to the inadequacy in English competence.

2.2.3 Does the college provide bridge /Remedial /add - on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

The following add on courses are being run by college.

Sr. No.	Department wise	Courses offered
1.	Commerce	Diploma and Certificate Course in Computerized Accounting
2.	Computers	Diploma in Computer Applications
3.	Punjabi	Certificate Course in Urdu
4.	English	Certificate Course in Spoken English

- Bridge courses are arranged by Department of Mathematics.

2.2.4 Has the college conducted a study on the incremental academic growth of different categories of students: student from disadvantaged sections of society, economically disadvantaged, physically handicapped and slow learners etc.? If yes, give details on how the study has helped the college to improve the performance of these students.

- The college has streamlined mechanism to analyze the academic growth of disadvantaged section of society and address their needs accordingly.
- The college provides the facility of fee concession to the disadvantaged section of the society according to State Government rules.
- Regular counseling and mentoring sessions are held to help the students to overcome their psychological problems and achieve their goals successfully.
- The college conducts remedial classes, extra theory and practical classes for slow learners.
- Teachers motivate such students in their vernacular language.
- Physically challenged students are provided classes on the ground floor.

These measures make the learners feel educationally, financially and socially comfortable in the college.

2.2.5 How does the institution identify and respond to the learning needs of advanced learners?

- The advanced learners are identified by the concerned faculty based on: (i) Student profile (ii) Performance in house tests and semester examinations (iii) Student teacher interactions (iv) Class room response, class tests and assignments.
- Research aptitude among advanced learners is given a thrust by providing them an access to research journals, by giving inputs on reference skills, research methodology, and research design.
- The students are intellectually stimulated with advanced projects, challenging

assignments and tasks for their advancement.

- The students are encouraged to present papers, write research articles and assist in preparation of college magazine as student editors.
- Class representation is given to the students for pro-active leadership through which class room dynamics are positively influenced.
- The students are given the lead to plan and organize fests/events and departmental functions. This gives them opportunity to interface with the academic and industry experts.
- The students are encouraged to represent the college in inter-collegiate events/youth festivals at State/ National level, thus fostering their competitive spirits.
- Library books, reference books, text books, journals are provided to the advanced learners as per their need.
- There is a Toppers Club in the college which comprises of the toppers of all the classes.
- Regular meetings with toppers are held where, suggestions and feedback is sought.

2.2.6 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

The college fosters an inclusive academic ambience for differently abled. An assessment is made for their special needs and they are provided with the following facilities:

- Mobility devices like wheelchairs.
- Lift in new building structures.
- Care is taken to allot ground floor class rooms.
- Class teachers and class mates play an important role in creating a comfort zone for such students.

2.3. Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print, etc.)

Teaching, Learning and Evaluation Schedules are planned on the basis of academic calendar which is prepared prior to the commencement of new academic session, in consultation with departments and other academic bodies.

- To make teaching effective, syllabi of each class are divided term wise keeping in view the semester and annual examination system.
- Time table prepared by the constituted committee is uploaded on the college website before the commencement of the classes.
- Workload division is distributed by Heads of departments.

- House tests, mid semester examination including practical tests, group discussions, seminars, projects, quiz etc. as applicable, are conducted for assessment of students. Teachers split the syllabi as per the requirement and prepare the teaching plan which is communicated to the student. Thus each department has a well defined semester plan and monthly plan to ensure smooth functioning.
- At the end of the final semester the results are announced as per schedule.
- The extracurricular activities are also incorporated in the academic calendar.
- The academic calendar is printed in the college prospectus. The prospectus is available to the students and the faculty at the beginning of the session.

ANNUAL ACADEMIC CALENDAR 2016-17

Admission	April – July 2016
1st Academic Term	July to November 2016 (100% Syllabus to be covered)
Arambhik Ardaas	July 2016
Talent Search	First week of August 2016
Extension Lectures/Seminars/Workshops	September 2016
Mid Term Tests	Third/Fourth week of September 2016 (for Semester classes)
Class Tests	In routine
Extension Lectures/ Seminars/ Conferences/Workshops	October-November 2016
Inter Departmental Sports Competitions	Last week of October to second week of November 2016
Inter Khalsa Institutes Sports Competition Diwali Tournament	Last week of October 2016
Academic Tours	December 2016
Nagar Kirtan on the eve of Birth of Guru Nanak Dev Ji	12 November 2016
Final Examination (Semester Classes)	Second/Third week of November 2016
House Tests (Annual Classes)	First week of December 2016
Winter Break	Will be notified later
2nd Academic Term	First Week of December 2016 to April 2017 (100% Syllabus to be covered)
Declaration of Results	Second week of January 2017
Academic Lectures/Seminars/Tech Fest/Remedial Classes (Annual)	January to February 2017
NSS Camp	15 th January & 15 th February 2017
Sports Day	February/March 2017
Foundation Day/Annual Convocation/Alumni Meet	5 th March 2017
Mid Term Tests (Semester Classes)	Second week of March 2017
Shukrana Diwas	End of Session
Final Examination (Annual/Semester Classes)	First week of March/May 2017

2.3.2 Does the college provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- Before the commencement of academic session the course outlines and course schedules are available on college website. They are also provided by the teachers in their respective classrooms and displayed on Notice Boards indicating the course to be covered before and after mid semester test.
- Heads of the departments ensure the effectiveness of process in the departmental meetings.

2.3.3 What are the courses, which predominantly follow the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?

- The faculty members make use of blend of technology and conventional lecture methods to provide indepth understanding of the subject to the students. Thus judicious mix of lecture method and ICT based teaching is adopted. Lecture method assisted by Audio-Visual Aids, use of Charts, Models, Slides, OHP, Transparencies, Power Point Presentations, Debates, Quizzes, Seminars, Workshops, Group Discussions, Assignments and Tutorials are a regular feature in class room teaching and learning.

2.3.4 How is 'learning' made more student-centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

- Individual Activities: The college has made conscious effort to shift from traditional teacher centre approach to student centric. Experimental learning, participative learning, problem solving methodologies are used to enhance learning of students. The teacher as facilitator plays a vital role in knowledge management and skill development through following activities :
 - College organizes student centric seminars/paper presentations, declamation contests, poster making competitions and Internships.
 - Students are encouraged and motivated to be student editors of various sections of college magazine 'Darbar'.
- Group Activities: Tutorial, group discussions, organizing exhibitions, inter-departmental and inter-college competitions, documentary, short film making, field survey, outdoor photography, quizzes, fine art competitions, excursions, industrial visits, educational tours, National level competitions/workshops.
- Subject Societies/Clubs: Subject societies and clubs (with students as Presidents/Vice Presidents and Secretaries) to facilitate the creative and academic pursuits of the students individually and collectively. Collaborative learning, team spirit and organizational skills are promoted by societies and

clubs.

- Book Fairs and Exhibitions are organised to inculcate the book reading habit so as to promote critical and evaluative skills.
- Tree Plantation Drives and Blood Donation Camps by NSS and NCC promote environmental concern and humanitarian spirit among students.
- Lectures and workshops for career guidance and personality development classes to develop and improve soft skills in students.
- Library timings are also increased.

2.3.5 What is the college policy on inviting experts / people of eminence to provide lectures / seminars for students?

Every department on an average conducts two/three lectures each semester by inviting experts as per schedule prepared in the academic calendar. A budget is embarked for the same. National and state level seminars are conducted by inviting eminent resource persons from reputed National and International Institutes/Universities/Research bodies/Social circle. Each department in consultation with the Principal chooses the resource persons.

2.3.6. What are the latest technologies and facilities used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning, open educational resources, mobile education, etc. The following technologies and facilities are used by the faculty for effective teaching:

- All departments are well equipped with ICT- enabled facilities for teaching like OHP, LCD Projectors and Internet facility.
- A well equipped Mass Communication studio is available for training students in Production, Film editing, Film Shooting, Online editing etc.
- English language laboratory is equipped with DVD players, Computers, and CDs that are used for screening films, plays so as to equip the learners of English with good command of language for communication skills.
- Faculty makes use of all the latest gadgets viz. (multimedia projectors, power point presentation, OHP, LCD Projectors, internet facility DVD, CDs etc.
- The students are asked to collect the latest information from internet and quote the references of websites.
- The research data are analyzed with the help of latest softwares.
- Application of accounting softwares (BUSY and TALLY) by the students for learning computerized accounting.
- Computerized photo micrograph to explore the finer details and their use in research projects of the students.
- Virtual laboratories/ Smart class rooms.

- e-learning: The lectures on different topics are uploaded on the website for the students.
- Use of NPETL services.
- Inflight facility is provided.

2.3.7 Is there a provision for the services of counsellors / mentors/ advisors for each class or group of students for academic, personal and psycho-socio guidance? If yes, give details of the process and the number of students who have benefitted.

- Class teachers are appointed as mentors for each class for academic purposes. Besides this Dean Academic Affairs, Deans of Faculties, Dean Students Welfare (Boys and Girls), Hostel Wardens conduct regular counselling sessions and provide guidance to the students.
- Post graduate students act as mentors of under graduate students.
- Women grievance cell plays an important role in guiding girl students.
- NSS camps provide guidance about community service.
- The teachers of department of psychology serve as mentors/advisors/guides and provide personal and psycho-socio guidance.

2.3.8 Are there any innovative teaching approaches/methods/practices adopted/put to use by the faculty during the last four years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

The college expects the faculty to keep themselves updated about the latest trends in the growing technology and also the development in the field they teach or their respective subjects for this:

- They are often encouraged to attend seminars/conferences/workshops and share their knowledge with fellow faculty members and students. The faculty is also motivated to make use of latest teaching methods like using power point presentations for delivering lectures. Moreover the computer laboratories of the college are updated and faculty uses laboratories to improve their teaching efficiency.
- All departments have internet facility and faculty has access to it. Teachers imply alternative methods of teaching such as power point presentations, charts, graphs, syllabus related film screening in order to enhance quality of teaching learning process.
- Research projects in some departments are included in the curriculum that promote research orientation among students.
- Feedback from students is taken and is analyzed and suggestion are implemented.
- At the time of annual convocation the services of faculty are given due recognition and appreciation by the authorities.

2.3.9 How does the college create a culture of instilling and nurturing creativity and scientific temper among the learners?

Innovation or creativity is instilled through:

- Lectures on research methodology.
- Various events at college level like Tech-Fest, Comm-Fest, Literary Sabha, Talent search, sports and subject societies.
- National Science Day is celebrated every year in which various activities viz. quiz competitions, poster presentation, collage making, Rangoli making, debates, declamation contest are held.
- Motivating students to participate in quiz/debates/declamation/poster presentation competitions in other colleges.
- Power presentations, project/assignments/seminars that have weightage in evaluation.
- Encouraging students to develop leadership skills, explore creativity and enhance scientific temper through creative writing, workshops and language competitions.

2.3.10 Does the college consider student projects a mandatory part of the learning program? If so, for how many programs is it made mandatory?

- a) **Number of projects executed within the college**
- b) **Names of external institutions associated with the college for student project work**
- c) **Role of the faculty in facilitating such projects**
 - Most programs have mandatory student projects as part of their PG/UG curriculum.

Number of projects executed within the college during session 2016-17.

Department	Program	Name of External Institutes Associated	No. of projects
Agriculture (Horticulture, Agronomy, Agri. Economics)	<ul style="list-style-type: none"> • B.Sc. • M.Sc. 	Krishi Vigyan Kendra (Nag Kalan), Gurdaspur, Markfed Amritsar, IFFCO Amritsar, Agriculture Department Punjab, Farmer Training Centre, Khalsa College, Amritsar, Axis Bank Amritsar, PNB Amritsar, Cooperative Bank, Grain Market Batala, Centre of Excellence Kartarpur, Govt. Nursery and Orchard Attari, Regional Plant Quarantine Station Raja Sansi, Integrated Check Post Attari, Bhagat Puran Singh Natural Agriculture Farm Manawala, CIPT (Centre for International Trust, New Delhi) Veg & Fruit preservation centre Dept. of Horticulture Punjab, Apiculture (Farmer Training Centre Khalsa College), Deptt. of Horticulture, HAU, Hissar, Deptt. of Horticulture, Nauni, Solan, Deptt.of	21+41=62

Department	Program	Name of External Institutes Associated	No. of projects
		Horticulture, PAU, Jallowal, Deptt.of Horticulture, Sher-e-Kashmir University of Agricultural Sciences & Technology, Jammu, Deptt.of Horticulture and Agronomy, PAU, Ludhiana, School of Climate Change, PAU, Ludhiana, Farm Advisory Service Station, Regional Centre PAU, Ludhiana, School of Agriculture Meterology, PAU, Ludhiana, Farm Advisory Service Station, Pathankot, Deptt. of Economics and Sociology, PAU, Ludhiana, Society of Development and Planning, Amritsar, Kheti Bhawan, Ranjit Avenue, Amritsar.	
Commerce	<ul style="list-style-type: none"> • M.Com, • Diploma in Retail Mgt. 	Guru Nanak Dev University and other colleges, Trillium Mall, Amritsar.	243+07 = 250
Food Science & Technology	<ul style="list-style-type: none"> • M.Sc.(FST) • BFST 	Nestle India Ltd, Moga, Ludhiana District Co-operative milk producer Union limited Milk plant Ludhiana, Mrs. Bector Food Specialities Ltd. Phillaur The Ropar District Co-operative Milk producers union limited Milk Plant, SAS Nagar, Mohali, The Amritsar Distt. Coop. Milk producers Union Ltd. Milk Plant, Verka Amritsar and Gurdaspur, The Doaba Cooperative Milk Producers Union Limited, Milk Plant, G.T. Road Bypass, Jalandhar, The Gurdaspur District, Cooperative, Milk Producers Union limited, Milk Plant Gurdaspur, Nestle India Limited, Rana Sugars Limited, Baba Bakala, Dist. Amritsar, Kulwant Nutrition (India), Vill Shahabpura, Batala, Wave Beverage (P) Ltd. VPO Nawankot, Amritsar, AB Grains Pvt. Ltd. village Kiri Afgana, Dist. Gurdaspur., Aneja Milk Plant, Naraingarh, Chheharta, Kaytis Food pvt. Ltd., Ludhiana, Jagatjit Industries Pvt. Ltd. Hamira, Markfed Canneries Jalandhar.	30+60=90
Sciences (Physics, Chemistry Botany and Zoology, Computer Sci.)	M.Sc.	Guru Nanak Dev University, Batala co-operative sugar mills, Lenit pharmaceuticals, Raja ka Bagh, Nurpur Himachal Pradesh, Co-operative sugar mills, Ajnala, International mega Food Park, Arnimala Kala Ferozpur, SS Food Products, Govindsar, Jammu & Kashmir, Verka Milk Plant Gurdaspur and Amritsar, Tech Hive Amritsar, HCL Career Development Centre Mohali, Veenus Software Solutions Amritsar, Softbuilt Solutions Amritsar, Reynic Technologies Amritsar, NIIT Amritsar.	325 (34+35+167 +9+80)
Total			727

- Faculty members play an important role in facilitating such projects by guiding, supervising and defining the problem. They help the students in analyzing the problem and executing the project by providing library, internet facilities and helping in preparing dissertations/thesis etc.
- The college provides required facilities to the students to carry out these projects.

2.3.11 What efforts are made to facilitate the faculty in learning / handling computer-aided teaching/ learning materials? What are the facilities available in the college for such efforts?

- The teachers are familiar with appropriate tools to upload the study material on college server as per requirement of e-governance program. This e-learning tool has tremendously contributed towards holistic development and improved student learning, besides facilitating life-long learning and knowledge management.
- The college has centralized computer laboratories sponsored by UGC/CPE Scheme, 326 computers, 19 multimedia projectors, 08 Smart Boards, 02 OHP, 09 computer laboratories and internet facility in all departments.
- Systems are periodically updated making it convenient for the faculty to use latest applications.
- Data entry operator and laboratory assistants in the departments assist faculty members to overcome technical hassles.
- Informal feedback is also received through interaction with students by the Administration/Principal of the college.
- The Principal also has one to one interaction with faculty wherein suitable suggestions are given.

2.3.12 Does the college have a mechanism for evaluation of teachers by the students/alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?

- The students are a vital part of teaching evaluation process. The students fill teacher's feedback pro-forma to evaluate teachers on various aspects such as punctuality, subject knowledge, communication skills, innovative approach etc. The feedback is confidentially analyzed by the Principal with the help of the Dean Academic Affairs and senior faculty members, suggesting suitable remedial methods for streamlining the teaching learning process.
- Informal feedback is also received through interactions with the students by the Administration/Principal of the college.
- The Principal also has one to one interaction with faculty wherein suitable suggestions are given.
- The alumni are welcome to give their opinion about the college by filling a feedback pro-forma during alumni meet. It is also available on college website www.khalsacollege.edu.in.
- Alumni interact with the teachers during alumni meet.

2.3.13 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes elaborate on the challenges encountered and the institutional approaches to overcome these.

The curriculum is finished within stipulated time mentioned in the academic calendar. The timely completion of curriculum is regularly supervised by the respective Head of the department and Dean of the faculty. However, contingency measures are taken to meet the disruptions in schedule due to unforeseen circumstances. If the need be, the faculty takes responsibility to put in extra hours to complete the curriculum in time schedule. In case of loss of working days due to disturbances, vacations are reduced and even examination is held on Sundays and holidays.

2.3.14 How are library resources used to augment the teaching-learning process?

- The college has well stocked central library and departmental libraries to cater to the needs of students and faculty.
- The library is well equipped with text and reference books in all disciplines, available for students.
- The college main library has seating capacity for 162 students. There are 1,89,302 text books 2,597 reference books, 485 rare books, 800 e-books, 36 magazines, 590 manuscripts, 314 encyclopedia, 124 journals and 316 CD and videos.
- Book exhibitions on campus facilitate students/teachers to select required books. There is a library committee for the purchase of new books, as per requirements of students and teachers. Every year sufficient amount is marked for purchase of books in library.
- Majority of the post graduate departments have departmental libraries.
- To provide effective utilization the main library remains open from 8.00 a.m. to 6.00 p.m. The reading room facility is available for the students. Reference section is also available with 2597 books. The journal section is available in the central library and departmental libraries with 124 journals. Apart from the text books, library also has books related to syllabus, encyclopedias, e-journals, competitive examination books, research journals and magazines, internet facility, inflibnet, xerox facility, back volumes of journals, and newspapers.
- Sikh History and Research Department houses rare and old books which have been microfilmed.
- Teachers can also have reading materials from online sources like e-books and journals.
- All the books are bar coded. Latest books, journals, research reports and other research material is also provided to the students and faculty.
- A separate section houses reference books.

- Students are allowed to retain books for exams by depositing security.
- Book Bank facility is available for economically disadvantaged students.

2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environments and the effect on student performance?

- The academic calendar is prepared before the commencement of session and distributed among faculty.
- The teachers prepare course plan for the semester and spell out the specific learning objectives for each course.
- The progress is monitored in the departmental meetings.
- The teachers are required to submit self appraisal performa to the principal at the end of the each session enumerating the teaching learning objectives and teaching method used.
- The IQAC in its meetings analyzes various parameters affecting the quality of teaching and give suggestions for the further improvement.
- The academic audit committee conducts the audit of all the departments regularly.
- The meeting of Deans of various faculties and HoDs are convened regularly to analyze the academic and other issues and formulate the ways to improve quality of teaching and students performance.
- The feedback from the students regarding the quality of teaching and teaching methods is assessed by the authorities regularly.
- Each class has a teacher incharge and student representative for ensuring the conducive class room environment.
- The continuous evaluation of students is done through class tests, mid semester examination and end semester examination.
- The weak students are identified and assisted with mentoring, remedial classes and individual attention.

2.4 Teacher Quality

2.4.1 What is the faculty strength of the college? How many positions are filled against the sanctioned strength? How many of them are from outside the state?

Faculty Strength					Sanctioned Posts			Posts Filled	Outside State
Regular	Contract Aided	Management Approved	Adhoc	Part Time	Grant in Aid	Contract Aided	Management Approved		
52	50	16	183	03	139	61	18	118	26

2.4.2 How are the members of the faculty selected?

- There are four types of posts in the college viz., (i) Grant-in aid, (ii) Management Permanent and (iii) Adhoc (iv) Contract basis.

Members of the faculty are selected by the criteria laid down by DPI/GNDU/UGC/Punjab Government for different categories. The existing vacancies are advertised by the college in leading regional and English newspapers inviting applications for eligible candidates. The notification is also put up on the college website.

- All the applications are screened as per criteria of DPI/UGC and the shortlisted eligible candidates are informed to attend interview along with original certificate.
- The shortlisted eligible candidates are interviewed by selection committee comprising of subject experts nominated by affiliating university and DPI, representatives of GNDU and DPI, Principal and Honorary Secretary of Khalsa College Charitable Society.
- The selection of the candidates in the interview is based on objective evaluation with the following parameters:
 - Academic Qualifications
 - Teaching Experience
 - Performance in Interview
 - Teaching Aptitude

Furnish details of the faculty.

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Faculty							
Ph.D			09	08	09	06	32
M.Phil.			02	06	02	05	15
P.G.			01	--	03	01	05
Contract Aided							
Ph.D					14	22	36
M.Phil.					02	01	03
P.G.					03	08	11
Management Approved							
Ph.D					03	02	05
M.Phil.					--	--	--
P.G.					04	07	11
Adhoc Teachers							
Ph.D					17	23	40
M.Phil.					06	19	25
P.G.					23	95	118
Part Time Teachers							
Ph.D							
M.Phil.							
P.G.					01	02	03

2.4.4 What percentage of the teachers has completed UGC-CSIR-NET, UGC-NET, and SLET exams? In that what percentage of teachers are with PG as highest qualification?

Percentage of teachers who have completed UGC-CSIR-NET, UGC-NET and SLET exams	Percentage of teachers who have cleared UGC-CSIR-NET, UGC-NET and SLET exams with PG as highest qualification
36.53	11.7

2.4.5 Does the college encourage diversity in its faculty recruitment? Provide the following departments-wise details.

S. No.	Departments	Percentage Faculty who are product of the Khalsa College	Percentage Faculty from other colleges within the state	Percentage Faculty from other States	Percentage Faculty from Abroad
1.	Agriculture	63.95	8.45	27.6	--
2.	Botany	18.75	64.6	16.65	--
3.	Biotechnology	25	75	--	--
4.	Chemistry	25.9	59.3	15.3	--
5.	Commerce	7.1	80.2	12.7	--
6.	Computer Science	11	70.65	18.35	--
7.	Economics	10.5	89.5	--	--
8.	English	--	87.8	12.2	--
9.	Food Sc. & Tech.	25	69.45	5.55	--
10.	Mathematics	29.15	70.85	--	--
11.	Physics	16.65	78.85	4.5	--
12.	Physiotherapy	30	60	10	--
13.	Political Science	30.05	52.15	16.7	--
14.	Punjabi	17.5	82.5	--	--
15.	Zoology	46.85	47.6	5.55	--
16.	Hindi	--	100	--	--
17.	History	--	100	--	--
18.	Physical Education	25	75	--	--
19.	Fine Arts	--	100	--	--
20.	Music	--	100	--	--
21.	Sociology	--	100	--	--
22.	Journalism & Mass Communication	--	100	--	--
23.	Fashion Designing	--	100	--	--
24.	Sikh History & Research	--	100	--	--

2.4.6 Does the college have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last four years?

- The college has required number of qualified and competent teachers to handle all the courses. Punjab Government/DPI freezed the recruitment of posts in 2004 and allowed the college to fill vacant posts on contractual basis as per the order of Punjab and Haryana High Court in 2014. During the last two years 50 teachers were appointed on contractual basis in addition to 52

working on regular/permanent basis against 139 posts sanctioned by Punjab Government. Additional workload is compensated by filling the posts by the management on regular/adhoc basis. At present, 16 faculty members are on management posts, 183 faculty members are working on adhoc basis and three members on part time basis.

YEAR WISE DETAILS OF TEACHERS APPOINTED

Contract/Aided

New Appointments 2015-16

Department of Computer Science

S. No.	Name of the Employee	Date of joining
1.	Ms. Prabhjot Kaur	23.7.2015
2.	Mrs. Anureet Kaur	1.2.2016

Department of Political Science

S. No.	Name of the Employee	Date of joining
1.	Dr. Gurvel Singh Malhi	23.7.2015
2.	Dr. Harbilas Singh	11.2.2016

Department of Commerce

S. No.	Name of the Employee	Date of joining
1.	Dr. Poonam Sharma	22.7.2015
2.	Dr. Deepak Devgun	23.1.2016

Department of Zoology

S. No.	Name of the Employee	Date of joining
1.	Dr. Amandeep Singh	22.7.2015
2.	S. Randip Singh	22.7.2015
3.	Dr. Amritpal Kaur	11.2.2016
4.	S. Amandeep Singh (Entomology)	11.2.2016
5.	Dr. Rajbir Kaur	11.2.2016

Department of Punjabi

S. No.	Name of the Employee	Date of joining
1.	Dr. Kuldip Singh	22.7.2015
2.	Dr. Hira Singh	8.8.2015
3.	Ms. Mini Salwan	27.1.2016
4.	Dr. Harjit Kaur	1.2.2016

Department of Agriculture

S. No.	Name of the Employee	Date of joining
1.	S. Amrinder Singh	22.7.2015
2.	Dr. Amarjit Kaur (Horticulture)	22.7.2015
3.	Dr. Lavleen Kaur	11.2.2016
4.	Ms. Gulpinder Kaur (Horticulture)	11.2.2016

Department of Mathematics

S. No.	Name of the Employee	Date of joining
1.	S. Navyodh Singh	22.7.2015
2.	Sh. Mukesh	2.2.2016

Department of Economics

S. No.	Name of the Employee	Date of joining
1.	Dr. Seozy Bhatia	22.7.2015
2.	Dr. Kawaljit Kaur	27.1.2016

Department of Physics

S. No.	Name of the Employee	Date of joining
1.	Dr. Mohan Singh	22.7.2015
2.	Dr. Gurinderpal Singh	22.7.2015
3.	Dr. Joga Singh	30.7.2015
4.	Dr. Rajan Saini	28.1.2016
5.	Dr. Kamalpreet Kaur	28.1.2016

Department of Chemistry

S. No.	Name of the Employee	Date of joining
1.	Dr. Hardeep Kaur.	22.7.2015
2.	Dr. Kultar Singh	22.7.2015
3.	Dr. Reshu Sanan	8.8.2015
4.	Dr. Kirandeep Kaur	27.1.2016
5.	Dr. Punita Sharma	27.1.2016
6.	Dr. Seema Rani	28.1.2016
7.	Dr. Rajwinder Kaur	11.2.2016

Department of English

S. No.	Name of the Employee	Date of joining
1.	S. Daljeet Singh	24.7.2015
2.	Ms. Mamta Mahindru	11.8.2015
3.	Sh. Vijay Bernard	20.10.2015
4.	Ms. Kanika Kataria	1.2.2016

Department of Botany

S. No.	Name of the Employee	Date of joining
1.	Dr. Balwinder Singh	14.11.2015
2.	Dr. Navkiran Randhawa	16.11.2015
3.	Dr. Heminder Singh	16.11.2015
4.	Ms. Harpreet Kaur	6.2.2016
5.	Dr. Harjinder Singh	10.2.2016

2016-17

Department of Zoology

S. No.	Name of the Employee	Date of joining
1.	Dr. Satinder Kaur Pannu	26.4.2016

Department of Political Science

S. No.	Name of the Employee	Date of joining
1.	Ms. Dawinder Kaur	19.8.2016

Department of Economics

S. No.	Name of the Employee	Date of joining
1.	Dr. Pinki	20.8.2016

Department of Mathematics

S. No.	Name of the Employee	Date of joining
1.	S. Gurcharan Singh	27.8.2016
2.	Ms. Anchal Sharma	9.11.2016

Department of Physics

S. No.	Name of the Employee	Date of joining
1.	Dr. Parvinder Kaur	22.8.2016

Department of Chemistry

S. No.	Name of the Employee	Date of joining
1.	Dr. Navalpreet Kaur	19.8.2016

Department of Botany

S. No.	Name of the Employee	Date of joining
1.	Dr. Madhu	20.8.2016
2.	Dr. Sachin	3.11.2016
3.	Dr. Jasmine Brar	3.11.2016

Department of English

S. No.	Name of the Employee	Date of joining
1.	Ms. Pooja Kalia	11.11.2016
2.	Dr. Jaswinder Kaur	3.11.2016

MANAGEMENT POSTS

Uncovered Teaching Staff (New Appointments)

Department of Computer Science

S. No.	Name of the Employee	Date of joining
1.	Ms. Sukhpuneet Kaur	25.10.2013
2.	S. Rajkaran Singh	28.10.2013
3.	Ms.Gaganpreet Kaur	28.10.2013

Department of Commerce

S. No.	Name of the Employee	Date of joining
1.	Ms. Komal Narang	29.10.2013
2.	Ms. Meenu Chopra	28.10.2013
3.	Dr. Nidhi Sabharwal	28.10.2013
4.	Ms. Harmanpreet Kaur	28.10.2013
5.	Ms. Ravneet Kaur	28.10.2013
6.	Dr. Ajay Sehgal	12.7.2016

Department of Agriculture

S. No.	Name of the Employee	Date of joining
1.	S. Mansimran Singh	23.7.2014
2.	Ms. Jobanjeet Kaur	20.8.2016
3.	Dr. Sukhdev Singh (Director Research)	16.11.2015

Department of Physiotherapy

S. No.	Name of the Employee	Date of joining
1.	Ms. Kawaldeep Kaur	19.8.2016
2.	Ms. Harneet Kaur	16.1.2017

Strength of Adhoc Teachers:

2012-13	2013-14	2014-15	2015-16	2016-17
85	96	144	155	183

2.4.7 How many visiting Professors are on the rolls of the college?

- The department of Physiotherapy has four visiting teachers while departments of Punjabi, English, Commerce and Political Science have one visiting teacher each.

2.4.8 What policies/systems are in place of recharge teachers? (eg: providing research grants, study leave, nomination to national/international conferences/Seminars, in-service training, organizing national/ international conferences etc.

- Various departments organize a number of conferences/ seminars/workshops every year. The college provides funds to organize these conferences.
- Guest lectures by resource persons from various areas of specialization are organized to give faculty an opportunity to update their knowledge.
- Teachers are encouraged to submit research projects to various funding agencies like DST/UGC/DBT/CSIR etc. In the session 2015-16, four projects have been sanctioned by these funding agencies.
- Duty leave is granted to the faculty who want to pursue M.Phil./PhD.
- Leave is also granted to attend refresher/orientation courses as per requirement of the faculty. 29 faculty members have attended refresher

courses, 5 GOC courses and 38 winter/summer schools courses during last four years.

- The college also encourages faculty to be members of National and International academic research bodies.
- Faculty is honoured on completion of Ph.D. and academic/research achievements on convocation/ Annual day.

2.4.9 Give the number of faculty who received awards / recognitions for excellence in teaching at the state, national and international level during the last four years.

The state government has not constituted any awards in recognition for excellence in teaching for the college teachers. However, S. Manbir Singh from Food Technology department has been awarded Shiksha Ratan Puraskar by IIFS, New Delhi in 2012 and Dr. Balwinder Singh of Biotechnology Department has received best science teacher award from Punjab Academy of Sciences in 2014.

2.4.10 Provide the number of faculty who has undergone staff development programs during the last four years. (Add any other program if necessary).

Academic Staff Development Programs	Number of Faculty			
	2012-2013	2013-2014	2014-2015	2015-2016
Refresher courses	12	5	9	3
HRD programs	1	-	2	-
Orientation programs	1	-	3	1
Summer/Winter Schools, Workshops etc.	6	11	6	15
Staff training conducted by the college	-	1	-	-
Staff training conducted by university/ other colleges	1	1	1	5
Any others	-	1	2	-

2.4.11 What percentage of the faculty have been

- Invited as resource persons in Workshops/ Seminars/ Conferences organized by external professional agencies : 20.41
- Participated in external Workshops/Seminars/ Conferences recognized by national/international professional bodies : 65.35
- Presented papers in Workshops/Seminars/Conferences/ conducted or recognized by professional agencies : 47.36
- Teaching experience in other universities/national institutions and others industrial engagement : 5.94
- Industrial engagement : 4.16

2.4.12 How often does the college organize academic development programs for its faculty, leading to enrichment of teaching-learning process?

- **Curricular Development**
- **Teaching-learning methods**
- **Examination reforms**
- **Content/knowledge management**
- **Any other (please specify)**

Before the meeting of Board of Study, curriculum development exercise is undertaken by the faculty leading to enrichment teaching learning process.

Curricular Development	:	Twice a year
Teaching -learning methods	:	Frequently
Examination reforms	:	Twice a year
Content/knowledge management	:	Frequently communicated to the students regularly through website/ notice

Any other (please specify)

The college organizes one faculty development program in a session.

2.4.13 What are the teaching innovations made during the last five years? How are innovations rewarded?

The college aims at quality education and recognizes importance of innovation in teaching and learning. The faculties are rewarded for innovations as per the college norms. In the recent past a number of innovative practices have been introduced by the college:

- Introduction of internal assessment in all UG and PG diploma courses except BPT.
- Introduction of tutorial group meetings to obtain feedback from students with the help of interaction.
- Use of ICT teaching learning.
- Introduction of e-governance to make the administrative and academic working more effective. Seminars and conferences are organized to interact with academicians and eminent scholars.

2.4.14 Does the college have a mechanism to encourage

- Mobility of faculty between institutions for teaching?**
- Faculty exchange programs with national and international bodies?**

If yes, how have these schemes helped in enriching quality of the faculty?

University rules do not permit the exchange of faculty between institution for teaching. However, the teachers frequently visit other institutions as resource persons to deliver extension lecture etc.

- The college is preparing a proposal for faculty and student programs with German Colleges/Universities.
- The college provides mobility by sanctioning leave from higher studies, doctoral or post doctoral research work.

2.5 Evaluation Process and Reforms

2.5.1 How does the college ensure that all the stakeholders are aware of the evaluation processes that are operative?

- Academic calendar is uploaded on website at the beginning of the session.
- Scheme of each course for examination is communicated to the students through website.
- Examination schedules, date sheet and results for all the courses are displayed on website for all the stakeholders.
- The students, teachers and parents are made aware through various meetings.
- The results of the House Tests are displayed on the notice boards.
- The college also conducts meetings with parents to apprise them about the performance of their wards in the academic and other activities.
- The students are provided information regarding the rules of re-evaluation.

2.5.2 What are the major evaluation reforms initiated by the college and to what extent have they been implemented in the college? Cite a few examples which have positively impacted the evaluation management system?

- The advent of autonomy introduced major examination reforms in the college.
- College was conferred autonomous status in July 2013. The college is conducting the examination and evaluation strictly according to UGC norms.
- Pre-autonomy where the examination system was governed by Guru Nanak Dev University, the scope for continuous assignment, though not mandatory, was created through two term house/tests and regular class tests.
- College introduced continuous internal assessment system in all classes.
- Continuous internal assessments give the teacher a scope to periodically monitor the academic performance of the students and accordingly identify suitable and timely strategies for improvement.
- Autonomy has made different modes of evaluation available to the teacher.
- Results are declared within stipulated time.
- Transparency and scrutiny (Pre-audit) reflect the positive impact on the system.

2.5.3 What measures have been taken by the institution for continuous evaluation of students and ensuring their progress and improved performance?

- The continuous evaluation of students is done by internal assessment, house examination, attendance, overall activity, curricular activity etc :

- The autonomous evaluation system enables the teacher to monitor the student performance and mentor him for improvement.
- Answer sheets of house examination are shown to students to understand the nature of mistakes committed. This gives the teachers a scope to discuss the paper with the students and give suggestions for improvement.
- Skill based tests which comprise of assignments, presentations, seminars in addition to practical exams, project and viva voce.

2.5.4 What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigour of the internal assessment process?

- The percentage earmarked for continuous internal assessment is 20%.
- The internal assessment is further calculated on the basis of criteria comprising of 10% House test, 6% Attendance, 4% Conduct/Extra Curricular Activities.
- Internal evaluation pattern is evolved by the Board of Studies concerned and approved by the Academic Council.
- Internal Assessment tests are centralized and are conducted as per schedule given in the Academic Calendar.
- Due weightage is given to attendance and extracurricular activities.

2.5.5 Does the college adhere to the declared examination schedules? If not, what measures have been taken to address the delay?

- The college adheres to the examination schedule once it is uploaded on the website. The dates are rescheduled only due to unavoidable circumstances. Under such circumstances the change is conveyed to the students via SMS and college website.

2.5.6 What is the average time taken by the college for declaration of examination results? Indicate the mode/media adopted by the college for the publication of examination results e.g., website, SMS, email, etc.

- Average time taken for declaration of examination result is one and half month after the termination of examination.
- Mode/Media for the declaration of examination results is
 - a) On Examination Cell website www.kcaexam.org
 - b) Displayed on Notice Boards and sent to respective departments.

2.5.7 Does the college have an integrated examination platform for the following processes? Pre-examination processes–Time table generation, OMR, student list generation, invigilators, squads,

attendance sheet, online payment gateway, etc. Examination process– Examination material management, logistics. Post examination process–attendance capture, OMR based exam result, auto processing, generic result processing and certification.

The college has an integrated platform for examination process. The entire examination process is monitored by Controller of Examination (COE). The office of Controller of examination is assisted by the Registrar for the smooth conduct of examination related process. All the pre examination, and post examination processes are well established and maintained through a specially designed integrated software.

Pre-examination processes:

- Under semester system the college holds final examination in Nov./Dec. for odd semesters and in May for even semesters.
- The panel of external examiners is suggested by head of department and approved by BoS of departments. Final selection is done by the controller of examination. Complete confidentiality is observed in all respects. The paper setters are given well defined guidelines and are asked to prepare two sets of question papers.
- Dates for submission of examination forms are displayed on different notice boards and on website three months before the start of theory examinations. These examination forms are scrutinized by the concerned personnel of establishment and registration branch on the basis of which examination roll numbers along with photograph is generated.
- Examination time table (Date sheet) is displayed on different notice boards and also on website as well. It is ensured that the strength of each examination centre remains approximate 300.
- Lists of Superintendents, Deputy Superintendents and Invigilators are circulated a week before the commencement of examination. Cut list and attendance chart with candidates photograph are generated and sent to the centre. Invigilators get signature of candidate after verification, so that impersonation case is detected.
- For effective and smooth conduct of examination searching and screening teams are constituted for every examination centre so that the candidate does not carry any incriminating materials and electronic device. Jammers have also been installed in every examination centre.
- Flying Squad teams comprising of teachers are constituted.
- Computerized seating arrangement is prepared by concerned clerk under supervision of centre superintendent of each centre a day before and is displayed outside every centre and respective rooms.

- The staff meetings regarding smooth running of examination are held by the Principal and the Controller of examinations before the commencement of examination.

Examination process:

- The examination cell gets the answer sheets printed with serial code and are kept in strong room.
- The examination process is well coordinated by the examination branch. COE looks into the examination centre, seating arrangement, invigilator schedule, attendance and particulars.
- The answer books and question papers made ready before the commencement of examination.
- Computerized seating arrangement is made by concerned clerk under supervision of centre superintendent of each centre a day before and is displayed outside every centre and respective rooms.
- Separate seating arrangement for students with disability is made.
- Medical help if required is provided through college doctor. Proper arrangement for water and toilets is made in each centre.
- The staff engaged in examination process is paid honorarium on university pattern.

Post Examination:

- After the examination the answer sheets are coded and then evaluated and award lists are tabulated and computerized.
- The evaluated answer sheets along-with award lists are collected by the examination branch within 15-20 days. Internal assessment and external marks are recorded and final marks are generated and verified manually.
- Result sheets are generated and thoroughly checked, reviewed and verified before the results are declared.
- Results are uploaded on website and hard copy of the gazettes is displayed on notice boards. The students can download their results online and can apply for re-evaluation after which DMCs are generated and distributed to the students.

2.5.8 Has the college introduced any reforms in its Ph.D. evaluation process?

- The affiliating university does not allow the college teachers to supervise the Ph.D program. However, the teachers of Department of Agriculture are allowed to become Ph.D guides.

2.5.9 What efforts are made by the college to streamline the operations at the office of the Controller of Examinations? Mention any significant efforts which have improved process and functioning of the

examination division/section?

- The COE heads the examination, secrecy and conduct branches which are responsible for holding all the examination related processes.
- The secrecy and the concerned section for conducting the examination is housed in newly built administrative block.
- All the examination processes relating to registration, allotment of roll numbers, compilation and declaration of results are conducted through a specially designed software.
- All these efforts have significantly improved the processes and functions of the examination cell.

2.5.10 What is the mechanism for redressal of grievances with reference to evaluation?

- The college has an effective mechanism for redressal of grievances pertaining to examinations. All grievances related to examination are promptly addressed by COE as per the stipulated norms.
- In case of grievance to end semester examination there is provision for re-evaluation.
- Grievances related to anomaly in the question papers are resolved through a committee constituted by the Principal. The committee looks into the complaints and recommends necessary steps to redress them.
- The students can appeal to the Chief Controller of Examinations (Principal), if not satisfied with the decision of the committee.
- Students' feedback is taken every year and suggestion boxes are also put up for the redressal of grievances.

2.6 Student Performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes for its programs? If yes, give details on how the students and staff are made aware of these?

- The learning outcomes/objectives are clearly stated for each course when the course content is being prepared. Then it is passed through the BoS and Academic Council.
- The college website is a vital and reliable source of information about academic aspect of the college and is regularly updated.
- The course content and the learning outcomes are made available in the prospectus.
- Orientation programs are conducted for freshers at the beginning of the session.
- Program-wise charts are prepared and are displayed at the time of admission.

- Regular career counseling lectures are organized for making students and staff aware of future opportunities.
- The class tests and assignments are regularly given and the marks are recorded that act as ready reference for monitoring the academic progress of the students.
- The faculty members are encouraged to conduct surprise tests, oral tests, to monitor academic progress of each student.
- Parents and guardians are kept informed about academic progress of their wards.
- Success in competitive exams, placement record, and feedback from alumni regarding their employment ensures the achievement of learning outcome.
- The students are encouraged to attend inter college competitions, workshops and seminars to compare their learning outcomes with that of others.
- The college magazines and newsletters are source of dissemination of information to students.

2.6.2 How does the institution monitor and ensure the achievement of learning outcomes?

Achievements of learning is monitored through:

- Continuous internal assessment.
- Tutorial groups seeking information regarding the deficiencies in the learning outcomes.
- Feedback from the students.

2.6.3 How does the institution collect and analyze data on student learning outcomes and use it for overcoming barriers of learning?

- The college collects and analyzes data on student learning outcome through class tests, house examinations and tutorials.
- The previous years results of various classes and the data collected by the result performance of students through departments, the calculative percentage is analyzed and discussed in the meeting of Staff, HODs and Principal and necessary actions are taken to overcome the barriers of the learning.
- Students inadequacies in meeting the learning outcomes are dealt proactively through counseling and remedial classes for improvement in examinations.

2.6.4 Give Program-wise details of the pass percentage and completion rate of students.

Program	Pass Percentage				
	2011-12	2012-2013	2013-14	2014-15	2015-16
PG Classes					
M.Sc. (Agri. Economics)	100	-	-	100	100
M.Sc. (Agronomy)	100	100	100	100	100
M.Sc. (Botany)	100	100	96	100	100
M.Sc. Biotech	-	-	-	-	100
M.Sc. (Chemistry)	100	92.85	100	100	100
M.Sc. (Comp. Science)	100	100	96	100	95.65
M.Sc. (Food Science)	-	-	-	-	100
M.Sc. (Horticulture)	100	100	-	100	100
M.Sc. (IT)	100	100	100	100	100
M.Sc. (Math)	52.94	100	86.66	97.82	95.38
M.Sc. (Physics)	95.45	100	91.66	86.20	96.55
M.Sc. (Zoology)	100	95.23	88	100	100
M.Com	89.28	100	100	100	100
M.A. (Economics)	90.90	71.42	76.92	100	100
M.A. (English)	73.33	100	89.47	95.65	100
M.A. (Pol. Sc.)	97.05	100	100	92.10	94.28
M.A. (Punjabi)	100	100	89.65	100	96.07
M.A. (History)	-	-	-	-	93.75
M.Phil (Commerce)	-	-	-	-	100
M.Phil. (English)	-	-	-	-	88.89
M.Phil (Punjabi)	-	-	-	-	100
M.Phil (Political Science)	-	-	-	-	85.71
PG Diploma					
PGDCA	-	-	-	80	88
PGDFS (B & I)	-	-	-	100	100
UG Classes					
B.A.	85.36	88.66	77.37	66.85	75.86
B.A. (Social Science)	-	-	-	-	82.50
B.C.A.	100	91.54	98.11	96.92	96.82
B.Com. (Professional)	95.77	86.59	97.05	99	100
B.Com. (Regular)	88.63	92.10	77.77	82.92	81.81
B.Com. (Hons.)	-	-	-	-	90.00
B.Sc. (Agriculture)	100	100	94.40	100	100
B.Sc. (Bio Technology)	100	100	78.57	100	100
B.Sc. (Comp. Sc.)	90.74	85.24	76.08	88.70	77.35
B.Sc. (Economics)	93.93	97.22	82.60	90	92.59
B.Sc. (Food Science)	100	100	100	100	97
B.Sc. (I.T.)	100	97.91	100	97.22	96
B.Sc. (Medical)	85.71	92.85	88.88	89.85	77.31
B.Sc. (Non Medical)	100	89.65	96.15	94.54	92.38
Bachelor in Business Administration	100	96.77	93.61	88.37	98.64
Bachelor of Physiotherapy	77.27	94.11	92.85	78.57	86.66
B.A. (JMC)	-	-	-	-	79.31
B.Sc (Fashion Designing)	-	-	-	-	37.83
Diploma Courses					
Retail Management	-	-	-	-	100
DCA	-	-	-	-	76.47

Program	Completion Rate (%)				
	2011-12	2012-2013	2013-14	2014-15	2015-16
PG Classes					
M.Sc. (Agri. Economics)	57.1	-	-	93.3	100
M.Sc. (Agronomy)	100	91.7	91.7	93.3	87.5
M.Sc. (Botany)	100	96	100	96.7	96.5
M.Sc. Biotech	-	-	-	-	91.7
M.Sc. (Chemistry)	100	95.6	91.7	96.7	100
M.Sc. (Comp. Science)	96.4	85	96.8	100	96.15
M.Sc. (Food Science)	-	-	-	-	85.7
M.Sc. (Horticulture)	87.5	72.7	-	100	87.5
M.Sc. (IT)	92.1	60.15	94.8	100	95.2
M.Sc. (Math)	97.14	100	97	76.7	99.2
M.Sc. (Physics)	85.71	89.6	100	96.7	96.7
M.Sc. (Zoology)	100	84	100	93.3	100
M.Com	93.1	93.1	97.1	93.4	98.3
M.A. (Economics)	55	58.3	96.5	83.3	95.6
M.A. (English)	57.7	68.2	81.5	82.1	75
M.A. (Pol. Sc.)	85	80	100	100	80
M.A. (Punjabi)	91.2	57.9	94.5	97.0	92.7
PG Diploma					
PGDCA	-	-	-	82.60	73.3
PGDFS (B & I)	-	-	-	100	100
UG Classes					
B.A.	32	31.1	51	50.6	46
B.A. (Social Science)	-	-	-	-	97.5
B.C.A.	44.5	60.6	48.2	51.6	53.8
B.Com. (Professional)	67	69.5	71.7	62.5	80
B.Com. (Regular)	46	40.8	46.2	54.5	80.9
B.Sc. (Agriculture)	72.3	94.8	97.5	81.6	100
B.Sc. (Bio Technology)	85	83.7	70	86.6	70.7
B.Sc. (Comp. Sc.)	62	57.5	47.9	73.0	80.8
B.Sc. (Economics)	32.7	38.3	35.3	43.0	67.6
B.Sc. (Food Science)	76.4	53.8	45.4	50	79
B.Sc. (I.T.)	40.7	75	54.4	53	41.5
B.Sc. (Medical)	57.6	54.8	66.7	66.4	78.2
B.Sc. (Non Medical)	63.6	53.2	54.1	63.7	86
Bachelor in Business Administration	39.7	38.7	72.7	54.3	73.4
Bachelor of Physiotherapy	64.7	94.4	51.8	58.3	45.45
B.A. (JMC)	-	-	-	-	85.3
B.Sc (Fashion Designing)	-	-	-	-	86.0
Diploma Courses					
Retail Management	-	-	-	-	90.9
DCA	-	-	-	-	70.6

CRITERION III

RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the college have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

The college has a research committee to monitor and facilitate research activities in different departments. The research committee prepares the policy guidelines and provides direction in creating an environment conducive for research in the college. For this purpose, the committee regularly holds meetings with the principal and staff members involved and interested in research.

Present Composition of Research Committee:

The research committee comprises of Dean Research and members from various departments. The members are:

1. Dr. Harwinder Kaur (Convener) (Head-Physics)
2. Dr. Atam Singh Randhawa (Punjabi)
3. Dr. Jaswinder Singh (Zoology)
4. Dr. Narinder Deep Singh (Agriculture)
5. Dr. Amit Anand (Chemistry)
6. Dr. Iqbal Singh (Physics)
7. Dr. Deepak Devgan (Commerce)

Research Committee has made the following major recommendations which have also been implemented.

- To maintain proper infrastructure in the college to facilitate research.
- To provide the information to all faculty members regarding various funding agencies for research projects and schemes.
- To set up research centres for each faculty.
- To make campus Wi-Fi.
- To collaborate with other agencies.
- To start publication of research journals.

Impact of Recommendations:

The impact of these recommendations is as follows:

- New research laboratories have been established in different departments.
- More faculty members got involved in research activities. As a result, the number of sanctioned major and minor research projects, research papers and books has increased.

- Faculty members and post-graduate students are publishing their research reports in research journals (Sanvad and Current Reports in Science and Technology), published by college (with ISSN numbers).
- Research based project work has been introduced at graduate and post-graduate level in science, commerce and agriculture departments.
- Research degree Program of M.Phil. have been started 2015-16 by the Departments of English, Commerce, Political Science and Punjabi.
- Internet facility in the campus provides access to advanced books and journals for research work.

3.1.2 What is the policy of the college to promote research culture in the college?

The college after achieving the autonomous status has moved forward towards inculcating the spirit of research amongst its faculty and students. The following are the main policy guidelines for promoting research in the college:

- To involve majority of staff members and students in research activities in their areas of interest/specialization.
- To provide basic infra-structure for research in all departments.
- To motivate all the eligible faculty members to apply for research projects.
- To enhance library facilities by providing more journals.
- To provide internet facility for students and faculty members in all departments.
- To familiarize the students with lab to land technology by visits to institutes of higher learning/industries.
- To make research projects/surveys/field work a part of the curriculum of all P.G. science classes, B.Sc.(Agriculture), B.Com. (Hons.), DRM.
- To promote publishing of research/review articles as per UGC guidelines during every stage of promotion of the faculty.
- To introduce research degree Program in the college which includes starting of M.Phil. in all streams.
- Every research article/paper or thesis submitted should accompany a self declaration performa to establish non plagiarism by the author.
- Relaxation in workload of two periods/week to faculty members having major/minor research projects.
- Encourage the staff to attend seminars/conferences/workshops etc.

3.1.3 List details of prioritised research areas and the areas of expertise available with the college.

The following is the list of prioritised research areas for which expert faculty is available in the respective departments:

Department	Areas of Research
Agriculture	Agronomy, Agricultural Economics, Pomology, Fruit Sciences, Vegetable Sciences, Soil Sciences, Entomology and Pathology
Biotechnology	Plants Tissue Culture based crop improvements, Animal Biotechnology, Plant Biotechnology.
Botany	Cytogenetic, Plant Physiology, Biosystematics, Taxonomy and Biochemistry, Genetics, Plant pathology.
Chemistry	Synthetic Organic and Medicinal Chemistry, Organic Catalysis, Coordination Chemistry, Thermodynamics, Analytical Chemistry
Commerce and Business Administration	Accounting and Finance, Human Resource Management, Organization Behavior, Marketing Management and International Business.
Computer Science and Applications	Open Source Software, Data Security, Usability of Software, Wireless Sensor Networks, Software Engineering.
Economics	Banking and Finance, Public Finance and Industrial Economics
English	Post colonial literature, Modern literature and Literature in translation, Greek Drama, Indian writing in English, Phonetics
Food Science and Technology	Cereal Technology, Fruits and Vegetables Technology, Dairy Technology, Egg Meat and fish Technology, Food Fermentation.
Political Science	Sikh Politics, Punjab Politics, Ethnic Conflicts, International Politics, Human Rights
Physics	Theoretical Plasma Physics, Material Science, Nuclear Science, Radiation Physics
Punjabi	Folklore, Culture, Literature, Language, Sufi Sahit, Adhunik Natak
Zoology	Vermi-technology, Toxicology, Reproductive physiology, Parasitology

3.1.4 What are the proactive mechanisms adopted by the college to facilitate smooth implementation of research schemes/projects?

- a) advancing funds for sanctioned projects
- b) providing seed money
- c) autonomy to the principal investigator/coordinator for utilizing overhead charges
- d) timely release of grants
- e) timely auditing
- f) submission of utilization certificate to the funding authorities

The college provides assistance in the following ways:

- For sanctioned projects, the funds are advanced as per the requirement.
- Seed money is provided as per the requirements of the researcher.
- Full autonomy is given to the principal investigator for utilizing overhead charges
- Grants are released on time to facilitate research.
- Timely auditing is done.
- Utilization certificate is submitted to the funding agency on time.

3.1.5 How is interdisciplinary research promoted?

a) **between/among different departments of the college and**

b) **collaboration with national/international institutes / industries.**

- The college promotes interdisciplinary research through new courses and research publications and healthy interactions. The journal “Current Reports on Science and Technology” is an interdisciplinary journal published by faculty of sciences.
- Dr. Amit Anand (Department of Chemistry) is involved in synthesizing organic moieties of biomedical and pharmaceutical importance, an interdisciplinary approach.
- Sikh History Research Department of the college houses a reference library and a museum. It has a collection of 6416 books, 415 paintings/photographs, 602 manuscripts, newspapers (1904-1988), 505 file books and journals. The research scholars from World over visit this department to collect valuable information in the field of Sikh History, Punjabi Literature and Religious Studies.
- The research lectures by experts are organized by all faculties of college and are attended by members from other departments.
- The faculty and students involved in research use laboratories, equipments and other infrastructure of other departments frequently.

3.1.6 Enumerate the efforts of the college in attracting researchers of eminence to visit the campus and interact with teachers and students.

The college regularly organizes conferences, seminars, workshops and guest lectures in which the eminent researchers of international and national repute visit the campus and interact with the students and faculty from time to time. The students and faculty have immensely benefitted by the interactions with such personalities.

3.1.7 What percentage of faculty have utilized sabbatical leave for research activities? How has the provision contributed to the research quality and culture of the college?

There is no provision for sabbatical leave for research activities as per the DPI colleges/State Govt. rules. However, the faculty is granted duty leave to carry out the research activities.

3.1.8 Provide details of national and international conferences organized by the college highlighting the names of eminent scientists/scholars who participated in these events.

Department	Event	Eminent scientist/scholars who participated in these events
Agriculture	Seminar on "Organic Farming in Field and Horticulture Crops-A Scientist Prospective" on October 08, 2014.	Dr. Baaz Singh Sandhu ,Deputy Director Horticulture Punjab; Dr. Bhupinder Singh Deputy Director Training, KVK, Nag Kalan, Amritsar; Dr. Rajinder Singh Soil Scientist; Dr. Charanjit Singh Aulakh, Senior Agronomist, PAU, Ludhiana and Dr. Neena Chauhan Scientist, YS Parmar, Horticulture University, Nauni, Solan, H.P
	National Seminar on "Climate Change and Adaptive Strategies" on December 22, 2015	Dr. Prabhjot Kaur, Head, Deptt. of Climatology; Dr. Parampal Sahota, Head, Deptt. of Microbiology; Dr. Parveen Kumar, Principal Scientist, Agronomy and Dr. Dinesh Kumar, Principal, Scientist, Agronomy from Central Potato Research Institute, Karnal
	Efficient Use of Water Resources in Agriculture on Feb 18, 2014	Prof. Kamal Vatta Director CIPT, New Delhi Mr.Rommit Sen Deputy Director, CIPT New Delhi
	Mid-Term Workshop of "Agents of Change Programme" on Feb 11, 2016	Prof. Kama Vatta. Director, CIPT.
	Interface with young Leaders."Workshop on Launch of Agents of Change programme as Academic Activity" on Oct 21, 2016	Mr.Michael, Office Director, CLEEO, USAID. Ms Apurva Chaturvedi, USAID Dr. Kamal Vatta, Director, CIPT
Chemistry	National Seminars on "Recent Advances in Chemical Sciences" (Feb.7,2015)	Prof. Subodh Kumar, Prof. R.K. Mahajan (GNDU, Amritsar), Dr. B.S. Kaith (NIT Jalandhar), Prof. S.S. Bari (PU Chandigarh)
	National Seminar on "Recent Advances in Chemical Sciences", RACS-II (April 2, 2016)	Dr. P. Venugopal, Chairman and Professor, Panjab University, Chandigarh; Dr. Raj Kumar Sharma, Professor Emeritus, Panjab University, Chandigarh, Dr. Rajeev Gupta, Professor, Delhi University, New Delhi; Dr. Vandana Bhalla, GNDU, Amritsar.
Commerce	7 Day National Workshop on Research Methodology from Dec.18-24,2016	Dr. Sanjay Rastogi from Indian Institute of Foreign Trade, Dr. Sanket Vij from Sonepat Women University and Dr. Balwinder Singh from G.N.D.U.
	ICSSR Sponsored National Seminar on Social Sector Growth through Social Inclusion on March 18, 2017	Dr. N.S. Rattan, IAS (Retd.), Dr. Jasbir Singh, Jammu University, Dr. Jaspal Singh, HoD-Commerce, GNDU, Dr. Ran Singh, Punjabi University
	3 Days Commerce Students' Workshop on 'Taxation, Accounting, Capital Markets & Banking' on Dec. 12-14 2016	CA Sudhir Khera, CA Vikas Kumar, CA Davinder Singh, Iqbal Singh Grover (Amritsar Branch of Northern India Regional Council, ICAI), Mr. Vaibhav Mediratta (Management Consultant and Corporate Trainer, IMPACT Training and Consulting, New Delhi).
Computer	Seminar on Software Engineering on March 28, 2015	Dr. Kuljit Kaur, GNDU Amritsar and Dr. Rajesh Kumar Bhatia, PEC University Chandigarh.
English	Workshop on Creative Writing in English on September 13, 2016.	S. Khuswant Singh, an eminent author and journalist

Department	Event	Eminent scientist/scholars who participated in these events
	National Seminar on ‘Theme of Migration in English Literature’ on March 12, 2016.	Dr. Harish Narang, Former Professor in English, JNU, New Delhi; Dr. B.K. Sharma, BUC College, Batala.
Food Science	Recent advances in Pizza & Bakery Industry on Nov 23, 2012	Federico Benin, Italy
	Modern tools of Food Industry: Dough Quality Control, Research and Development on Aug 13, 2013	Dr. Gurpreet Kaur Chandi, Brabender , GmbH and Co. KG Deuisberg, Germany
IQAC	Eight days Faculty Development Programe during Jan 6-13, 2017 sponsored by UGC New Delhi	Prof. N.S. Tung, Prof. Jagrup Singh Sekhon, Prof. Paramjit Singh Judge, CA Iqbal Singh Grover, Mrs. Sunita Dhillon
Journalism and Mass Communication	One-day workshop on Film Production on Aug 7, 2015	In Collaboration with GAFA Innovation Productions
	Workshop on Anchoring and Studio on Aug 27, 2015	Gurjit Singh (anchor PTC Channel)
	Visit to radio station 92.7 Big FM on Oct 7, 2015	RJ Roger
	Organized Film Festival “Cine Sarokar 2016” on Jan 29-30, 2016	Mr. Sanjay Kak and Mr. Diljit Ami (renowned documentary film maker)
Mathematics	National Mathematics Day on Sept 9, 2015 funded by PSCST Government of Punjab Chandigarh	Manbir Kaur, Dr. Swaranjit Kaur, Dr Arneet Kaur, Ms Ashu Vij and Ms. Manju Duggal
	National Mathematics Quiz on Feb 23, 2017	27 Teams for different institutions participated
Physics	National Workshop on “Radiochemistry and Applications of Radioisotopes” on Sept.21-28, 2013 in collaboration with Indian Association of Nuclear Chemists and Allied Scientists, BARC, Mumbai	Dr. K.L. Ramakumar, Director Radiochemistry & isotope Group Dr. A.V.R. Reddy, Head, Analytical Chemistry division, Dr. Sarabjit Singh, Coordinator, Dr. Veena Saga Practical Coordinator, Dr. K.V. Chetty, Sh. Amol Mhatre, Sh. Abhishek Kumar Sharma and Sh. J.R. Kale, BARC, Mumbai
	National Conference on “Current Advances in Physical Sciences” on March 11, 2015.	Prof. R.K. Bedi, Prof. Atul Khanna and Prof. Aman Mahajan (GNDU, Amritsar)
	National Conference on “Current Advances in Physical Sciences” CAPS-2016 on February 28, 2016	Dr. Sandeep Chopra, Inter University Accelerator Centre, New Delhi; Dr. R.K. Bedi, Dr. Ravi Chand and Dr. Aman Mahajan from Guru Nanak Dev University
	One day National Workshop on “Radioactivity and its Applications” on March 28, 2017 sponsored by IANCAS, BARC Mumbai	Dr. P.C. Kalsi, Dr. Sarabjeet Singh BARC Mumbai
Physiotherapy	Cardiopulmonary Resuscitation on Oct 23, 2013	Dr. Ranbir Singh
	Recent Advancements in Knee Replacement on Sept 23, 2014	Dr. Avtar Singh
Political Science	I.C.S.S.R. funded “Indian Federalism and its working with special reference to Punjab and Jammu & Kashmir” on March 22, 2014	1. Dr. S.S Narang (Former Director) Centre for Studies in Punjab Politics, GNDU, Amritsar. 2. Dr. Kuldip Singh (HOD) Dept. of Political Science, GNDU, Amritsar. 3. Dr. Baljit Singh (Prof.) Dept. of Political Science, Jammu University, Jammu.
Punjabi	National Seminar on “Virsa Punjab Da” dated 09/11/2012	Dr. Sukhdev Singh Khahra,, Dr. Daria & Surinder Kohhar
	International Punjabi Conference on “Vishav Punjabi Sahit Chintan” dated 23/9/2013	Ajaib Singh Chatha (Canada)
	National Seminar on “Parvasi Punjabi	Dr. Ravinder Ravi

Department	Event	Eminent scientist/scholars who participated in these events
	Sahit de Sarokar” dated 09/8/2014	
	National Seminar on “Shah Mohammad” dated 13/11/2014	Jaswant Singh Kanwal
	National Seminar on “Samkali Sahit” ate Media dated 10/3/2015	Dr. Kamlesh Duggal
	National Workshop on “Poetry” dated 22/2/2016	Dr. Harbhajan Singh Bhatia, Dr. Sohinderbir, Dev Dard
	National Seminar on “Punjabi Novel” dated 02/3/2016	Jasbir Mand & Baldev Singh Sarhaknama
	National Seminar on “Sur, Shabad te Sanvad” dated 08/3/2016	Renowned Punjabi Poet Surjit Patar
	International Workshop on “Punjabi Yuva Utsav” dated 29,30,31/3/ 2016	Navtej Bharti (Canada), Surjit Patar, Variam Sandhu (Canada), Harpal Singh Pannu, Surjit Singh, Baldev Singh Dhaliwal
Zoology	One day seminar “Climate Change and Swachh Bharat Abhiyan” on March 8, 2016 funded by PSCST, Government of Punjab, Chandigarh.	Dr. Kanwalpreet Kaur, PSCST, Chd.
	A district level workshop “Fisherman Livelihood – Dependence on wetlands of Punjab” on Sept 17, 2015 funded by PSCST, Government of Punjab, Chandigarh.	Dr. S.K. Saxena, PSO, PSCST, Chd.
	One day workshop “Apiculture & Honey Testing” on Feb 12, 2014.	Jaswinder Bhatia and Mandhir Singh Farmer Training Centre, Khalsa College Amritsar
	5 Day District level workshop Pupperty for Science and Technology Communication during Jan 21-25, 2013 funded by PSCST, Government of Punjab, Chandigarh.	Govt. School teachers, students and Faculty members
	4 Day Training Workshop “Scientific Explanation of Miracles” during 17-20, 2012 funded by DST , Government of India, New Delhi	Govt. School teachers, students and Faculty members
	One day workshop “Solid Waste Management” on Sept 15, 2012 and Sept 21, 2012	Dr. V. K. Garg, Assoc. Professor, Department of Environmental Sciences and Engineering, Guru Jambheshwar of University Science and Technology, Hisar
	19 th State Level Children Science Congress during Nov 29- Dec 1, 2011 sponsored by PSCST, Government of Punjab, Chandigarh.	Students of secondary and senior secondary class- Approx. 300 students.

3.1.9 Details on the college initiative in transferring/advocating the relative findings of research of the college and elsewhere to the students and the community (lab to land).

- Post graduate and research students are provided research journals published by the college. Also, the research work of the faculty is available in the department and in research centres for reference purposes.
- These research journals are also sent to other Colleges/Universities to share the latest findings in research by the college. Bio control lab(5th in Punjab), established in the college in 2015, provides practical training to the students.

- The findings of the research in agriculture are shared with farmers in Farmer Festivals (Kisan Melas). Also, the meetings have been conducted with the GMs/MDs of the sugar mills in order to provide Trico cards to the farmers for protecting the crop of sugarcane from pests.

3.1.10 Give details on the faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

(a) Details on faculty supervised/supervising M.Phil./Ph.D.:

Name	Department	M.Phil.		Ph.D.	
		Supervised	Supervising	Supervised	Supervising
Dr. Mehal Singh	Punjabi	1	3		
Dr. J.S. Arora	Commerce	8	3	4	2
Dr. Taminder Singh	Physics			1	
Dr. Avtar Singh	Commerce		3	1	
Dr. Arvinder Kaur	Commerce		4		
Dr. Sawraj Kaur	Commerce		3		
Dr. Deepak Devgan	Commerce		4		
Dr. Ajay Sehgal	Commerce		2		
Dr. Poonam Sharma	Commerce		4		
Dr. Nidhi Sabharwal	Commerce		2		
S. Devender Singh	Political Sci.		2		
S. Sukhjeet Singh	Political Sci.		3		
Dr. Gurvel Singh	Political Sci.		4		
Mrs. Dawinder Kaur	Political Sci.		2		
Dr. Davinder Kaur	Punjabi		2		
Dr. A.S. Randhawa	Punjabi		4		
Dr. Parminder Singh	Punjabi		4		
Dr. Bhupinder Singh	Punjabi		4		
Dr. Kuldeep Singh	Punjabi		4		
Dr. Hira Singh	Punjabi		5		
Ms. Mini Salwan	Punjabi		2		
Ms. Harjit Kaur	Punjabi		1		
Mrs. Sukhmeen Bedi	English		5		
S. Sawant Singh	English		5		
Ms. Supninder Kaur	English		5		
Dr. Mukesh Chander	Biotechnology	3			
Dr. J.S. Bal	Agriculture			6	2
Dr. Sukhdev Singh	Agriculture			3	3
Dr. Gurbax Singh	Agriculture			1	4
Dr. N.D. Singh	Agriculture				3
Dr. Jaswinder Singh	Zoology				3

(b) Faculty Leading Research Projects

Name	Department
Dr. Balwinder Singh	Biotechnology
Dr. Balwinder Singh	Biotechnology
Dr. Jaswinder Singh	Zoology
Dr. Amandeep Singh	Zoology
Dr. Iqbal Singh	Physics
Dr. Amit Anand	Chemistry
Dr. Zorawar Singh	Zoology
Dr. Navjot	Economics

(c) Faculty pursuing Ph.D.

Name	Department
S. Sawant Singh	English
S. Devender Singh	Political Science
S. Sukhjeet Singh	Political Science
Ms. Davinder Kaur	Physiotherapy
Ms. Rajni Gupta	Commerce
Ms. Shivan Sarpal	Commerce
Ms. Aanchal Arora	Commerce
Ms. Sakshi Sharma	Commerce
S. Rachhpal Singh	Computer Science
S. Jaspreet Singh	Biotechnology
Mrs. Dawinder Kaur	Political Science
Mrs. Mamta Mohindru	English
Mr. Rakesh Sharma	Agriculture
S. Taptej Singh	Agriculture
S. Amandeep Singh	Agriculture
S. Amrinder Singh	Agriculture
S. Maninder Singh	Agriculture
S. Randhir Singh	Agriculture
S. Gurbinder Singh	Agriculture
Mrs. Kanwaljeet Kaur	Agriculture

(d) Majority of the faculty members are engaged in individual and collaborative research.

3.2 Resource Mobilization for Research

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization for last four years.

Since the college got autonomous status, the focus on research increased substantially in the form of expenditure and a number of seminars/workshops/guest lectures are organized by the departments. The college has not put any ceiling of expenditure on research activities. The actual utilization of funds during last four years on research is as follows:

Year	Computers and Internet (Rs. Lacs)	Equipments (Rs. Lacs)	Seminars/ Guest lectures/ Conf. (Rs. Lacs)	Periodicals (Rs. Lacs)	Journal publication (Rs. Lacs)
2011-12	5.50	53.72	0.76	0.87	--
2012-13	7.21	27.28	1.47	1.72	--
2013-14	7.90	24.25	1.91	1.87	--
2014-15	18.55	20.91	1.04	2.10	--
2015-16	14.26	44.17	2.04	1.46	2.70

3.2.2 What are the financial provisions made in the college budget for supporting student research projects?

The P.G. students of various science departments are provided chemicals, equipments, printing and photocopy facilities by the departments free of cost for carrying out their research projects.

3.2.3 Is there a provision in the institution to provide seed money to faculty for research? If so, what percentage of the faculty has received seed money in the last four years?

The research committee reviews the research proposals submitted by the faculty and provides seed money as per the requirement. The need for seed money has not arisen so far in the last four years.

3.2.4 Are there any special efforts made by the college to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents

The research committee has made it a part of the research policy of the college to encourage faculty to file for patents. The research committee is encouraging the faculty to apply for research projects to the funding agencies and to file the patents of their research findings.

3.2.5 Provide the following details of ongoing research projects:

Year	Department	Name of the project	Funding agency	Total grant received (Rs. Lacs)
2012-16	Biotechnology (Dr. Balwinder Singh)	Detection and management of viruses infecting potato plants in Punjab	DST	24.93
2015-18	Biotechnology (Dr. Balwinder Singh)	Characterization of Biomacro Molecules in seeds of some wild and cultivated chenopods	UGC	14.44
2013-16	Zoology (Dr. Jaswinder Singh)	Ecological and taxonomic distribution of earthworm in Punjab: Effect of Soil Quality and Heavy Metals.	DST	27.27
2013-16	Zoology (Dr. Amandeep Singh)	Assessment of Efficacy of Some indigenous Plant Extracts Against Myiasis Causing Larvae of Chrysomya bezianna	UGC	12.80

Year	Department	Name of the project	Funding agency	Total grant received (Rs. Lacs)
2016-18	Physics (Dr. Iqbal Singh)	Solar Photon capturing properties of metal oxide Martix	UGC	4.99
2016-18	Chemistry (Dr. Amit Anand)	Trifilic Acid mediated Fries Rearrangement of 3-substituted azetidione-2-ones to variedly functionlised novel-4-quinolones	UGC	3.70
2016-18	Zoology (Dr. Zorawar Singh)	Assessment of DNA damage Oxidative Stress and Blood Lead Levels in the Battery Manufacturing Works Occupationally Exposed to Lead	UGC	3.05
2016-18	Economics (Dr. Navjot)	Fiscal Crisis in Punjab: Analysis and Implications	UGC	1.60

3.2.6 How many departments of the college have been recognized for their research activities by national / international agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.

- Four departments of the College (Agriculture, Chemistry, Physics and Commerce) have been recognized for their research activities and have received and utilized grants by UGC under CPE scheme for Phase I and II. In January 2015, the college received a grant of Rs. 1.50 crore by UGC under Phase III of this scheme for the five year plan of 2015-16 to 2019-20.
- The departments of Botany, Chemistry, Physics and Zoology have received grants under STAR scheme of DBT, New Delhi.
- The department of Chemistry is recognized by DST under FIST program.

3.2.7 List details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry/National/International agencies).

Name	Department	Funding agency	Year	Grant received (Rs. lacs)
Dr. Mukesh Chander	Biotechnology	UGC	2009-12	14.35
Dr. Balwinder Singh	Biotechnology	UGC	2009-12	4.93
Dr. Parminder singh	Punjabi	UGC	2012-14	3.80
S. Jaspreet Singh	Biotechnology	UGC	2011-13	1.70
Dr. Narinder Deep Singh	Agriculture	UGC	2011-12	1.60
Dr. Iqbal Singh &	Physics	UGC	May 2010-	1.55

Name	Department	Funding agency	Year	Grant received (Rs. lacs)
Ms. Gursharan Kaur			Oct.2011	
Dr. Jaswinder Singh & Dr. Zorawar Singh	Zoology	UGC	2014-15	1.45
Dr. Atam Singh Randhawa	Punjabi	UGC	2011-12	1.40
Dr. Rakesh Kumar	Agriculture	UGC	2011-12	1.30
Dr. Jaswinder Singh	Zoology	UGC	2011-12	1.25
Dr. Jasjit Kaur Randhawa & Dr. Zorawar Singh	Zoology	UGC	2011-12	0.75
Dr. Randeep Kaur Bal	Agriculture	UGC	2012-13	0.70

3.3 Research facilities:

3.3.1 What efforts are made by the college to keep pace with the infrastructure requirements to facilitate research? How and what strategies are evolved to meet the needs of researchers?

- The college aims at promoting research among faculty and students by providing resources and developing latest infrastructure facilities.
- New laboratories in Chemistry, Agriculture, Physics, Computer Science, Food Technology and Biotechnology have been set up to meet the needs of researchers.
- The laboratories have been upgraded with advance equipments like Flame Photometer, Spectrophotometer, BOD incubator, Multichannel Analyser, Single Channel Analyser, Scintillation Counter, IR Spectrometer and UV Spectrometer etc. in science departments.
- An advanced instrument Agilent 4200 Microwave Plasma Atomic Emission Spectrometre has been purchased for the Soil Science Lab of Department of Agriculture.
- The college has provided computers and internet facility to all the departments.
- The central library and departmental libraries are well stocked and computerized to facilitate research related activities.
- The centralized research centre has been upgraded in college.
- Two separate research centres are established by Agriculture and Commerce departments.

3.3.2 Does the college have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility.

The research centre of the college, acts as the information resource centre to cater to the needs of the researchers. It provides information to the faculty for filing applications to funding agencies for research projects. The centre has internet facility. The research committee circulates UGC notices related to major and minor research projects from time to time.

3.3.3 Does the college provide residential facilities (with computer and internet facilities) for research scholars and faculty?

The college has provision for residential facilities (with computer and internet) for research scholars and faculty and in boys and girls hostels.

3.3.4 Does the college have a specialized research centre/ workstation to address challenges of research programs? If yes, give details.

Two specialised research centres for the faculties of Agriculture and Commerce & Business Administration are established by the college to address the challenges of research Programs. The research centres have provided thesis, synopsis, guidelines for research papers, back volume of journals, computer with internet facility and latest journals. In Agriculture department, research plot (5 acres) is especially reserved for students for their post graduate/doctoral research. Three (3) acres of land is devoted to nursery growing ornamental plants and flowers which is used for research and commercial purposes. 7 acres of land is devoted to orchards (Kinnow, falsa, peaches, plums and pear) grown organically for research purposes.

3.3.5 Does the college have research facilities (centre, etc.) of regional, national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

The Sikh History Research Department of the College has historical collections related to Sikh history from all over the world for the purpose of research. The museum of the department houses rare and exclusive collections related to the ancient Sikh history. Research scholars from various universities, both from India and abroad visit the department from time to time. The rare manuscripts of the department library have provided references to the students pursuing Ph.D and M.Phil. degrees. The whole record of Sikh history department has been digitalized so that it could be preserved for the coming generations.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the College through the following:

- a) **Major papers presented in regional, national and international conferences**
- b) **Publication per faculty**
- c) **Faculty serving on the editorial boards of national and international journals**
- d) **Faculty members on the organization committees of international conferences, recognized by reputed organizations / societies.**

- The faculty members from various departments have presented 283 research papers in Regional, National and International conferences.
- 707 research papers have been published by the faculty in the journals of national and international repute.

- Dr. Zorawar Singh (Dept. of Zoology) is the member of editorial board of three journals (a) *Public Health and Preventive Medicine* published by American Institute of Science, U.S.A. (b) *American Journal of Environmental and Occupational Health* published by American Institute of Science, U.S.A. (c) *Advance Research in Textile Engineering* published by Austin Publishing Group, U.S.A. He also acted as Editor to special issue” *Environmental Toxicology*” under *American Journal of Life Sciences* published by Science Publishing Group , New York, NY 10018, U.S.A.
- Dr. Jaswinder Singh (Dept. of Zoology) is the member of editorial board of the journal *Austin Environmental Sciences* published by Austin Publishing Group, U.S.A.
- S. Rachhpal Singh (Dept. of Computer Science and Applications) is the editor of “International Journal of Computer Application and Information Technology (IJCAIT). He has also been the member of review committee of four international journals IJCAIT, IJAIT, IJCDS and International Journal of Computer and Distributed System from 2012 to 2014. He has also been selected as reviewer with Indian Journal of Science and Technology – (SCOPUS Journal) and reviewed the manuscript: “Fuzzy Based Advanced Hybrid Intrusion Detection System to Detect Malicious Nodes in Wireless Sensor networks” in December 2016.

3.4.2 Does the college publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?

Yes, the college has started publishing two research journals for Punjabi department and Science faculty in the last three years. The research journals for the faculties of Agriculture, Commerce and Humanities are in the process of registration. The composition of editorial boards of these research journals is as follows:

Punjabi Journal “ਸੰਵਾਦ” (Sanvad)-ISSN:2395-1273

Chief Editor – Dr. Mehal Singh (Principal)

Editors – Dr. Sukhbir Singh
Dr Atam Singh Randhawa
Dr. Parminder Singh
Dr. Bhupinder Singh
Dr. Kuldip Singh Dhillon

Referee Panel

Prof. Jaswinder Singh, Punjabi University, Patiala
Prof. Parminder Singh, GNDU, Amritsar
Prof. Gurmeet Singh, GNDU, Amritsar
Prof. Raminder Kaur, GNDU, Amritsar
Dr. Rajnish Bahadur Singh, D.A.V. College, Jalandhar
Dr. Kulwant Singh, Layallpur Khalsa College, Jalandhar.

Sciences Journal “ Current Reports on Science And Technology”

ISSN:2455-023X

Chief Editor: Dr. Taminder Singh

Editor: Prof. Iqbal Singh

Referee Panel:

Prof. P.C. Kalsi (Ex BARC)

Prof. Sarbjit singh (Ex BARC)

Prof. Kulwant Singh Thind (Canada)

Prof. S.N. Kane (DA University, Indore)

Prof. R.K.Prasad (DA University, Indore)

Prof. R.K. Bedi (Former Prof. and Head, GNDU, Asr)

Prof. S.S. Hundal (PAU, Ludhiana)

Four issues of Punjabi journal and three issues of Science journal have been printed so far.

Publication Policy

- a) The research papers for publication are sought from the scholars from the different universities and institutions all over India.
- b) To check plagiarism, declaration is sought from the authors regarding the originality of research work.
- c) After receiving the research papers, they are scrutinized by the Advisory Board of the faculties.
- d) Scrutinized papers are sent to the refereed panel for selection of publication.
- e) On the basis of positive recommendations of the refereed panel, the research paper is approved for publication.

3.4.3 Give details of publications by the faculty:-

Number of papers published in peer reviewed journals (national / international)	707
Chapters in Books	159
Edited Books	27
Books with ISBN numbers with details of publishers	104
Number listed in International Database	43
Citation Index – range	1 to 294
SNIP Range	0.293 to 1.642
SJR	0.194 to 5
Impact factor – range	0.04 to 13.64
h-index	1 to 10

3.4.4 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty.

- The degree of M.Phil. was started by the college from the session 2015-16.
- The affiliating university does not allow the colleges to guide Ph.D. scholars.
- However some of the teachers have been recognized as Ph.D. guides by other universities.

Faculty	Average number of scholars guided/being guided	
	M.Phil	Ph.D
Agriculture	--	6
Sciences	--	2
Commerce	4	4
Arts	3	--

3.4.5 What is the stated policy of the college to check malpractices and misconduct in research?

The college is in the process of purchasing plagiarism software to check malpractices and misconduct in research.

3.4.6 Does the college promote interdisciplinary research? If yes, how many inter departmental/inter disciplinary research projects have been undertaken and mention the number of departments involved in such an endeavour.

The college encourages the faculty to undertake interdisciplinary research alone or in collaboration with others. The subject of Psychology has been made compulsory for the students of M.Phil. (all faculties). In B.A. (Social Sciences), interdisciplinary subjects are taught in each semester so that students develop an interest for other disciplines.

3.4.7 Mention the research awards instituted by the College.

Faculty members having made significant contribution towards research are being honoured at annual convocations and prize distribution functions of the college.

3.4.8 Provide details of

- a) research awards received by the faculty
- b) recognition received by the faculty from reputed professional bodies and agencies

<ul style="list-style-type: none"> • Research Awards received by the faculty <ul style="list-style-type: none"> ➤ Dr. Gursharan Kaur (Food Science & Technology) <ul style="list-style-type: none"> -Best Paper award by International Journal of Advanced Research in Biology, Ecology, Science and Technology(2015) ➤ Prof. Akanksha Sharma (Food Science & Technology) <ul style="list-style-type: none"> -Best Poster Presentation Award (2015) in National Conference ➤ Dr. Balwinder Singh (Biotechnology) <ul style="list-style-type: none"> (a) Young Scientist Award (2014) by Punjab Academy of Sciences (b) Best Poster Presentation Award (2014) (c) UGC National Research Award (2015) ➤ Dr. Reshu Sanan (Chemistry) DST Travel grant for Young Scientist (2015) ➤ Dr. Jaswinder Singh (Zoology) <ul style="list-style-type: none"> (a) Prosper.Net Scopes Young Scientist Award (2015) by United Nation University Japan
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<p>(b) Alexander Humboldt Research Fellowship (2015) by Alexander Humboldt Foundation, Germany</p> <p>(c) Special Invited paper presentation by International Forum for Sustainable Asia and the Pacific (2015), Germany</p> <p>➤ Dr. Zorawar Singh (Zoology)</p> <p>- Best Poster award in National Conference organized by Deptt. of Zoology, Punjabi University, Patiala (2014)</p> <p>➤ Prof. Satinder Kaur Pannu (Zoology)</p> <p>- Best Poster Award (2016) at international conference held at GNDU, Amritsar</p>
<p>• Recognition received by the faculty from reputed professional bodies and agencies</p> <p>➤ Prof. Manbir Singh (Food Science & Technology)</p> <p>-Shiksha Rattan Award by IIFS New Delhi (2012)</p> <p>➤ Prof. Sukhbir Singh (Food Science & Technology)</p> <p>-Best Teacher award from Rotary International (2014)</p> <p>➤ Dr. Atam Randhawa(Punjabi)</p> <p>-Dr. Atar Singh Alochna award by Bhasha Vibhagh, Punjab (2012)</p> <p>➤ Prof. Puneet Dhillon (Journalism)</p> <p>-National award for Best book in English (2015) for the book “Mass Communication Abridged” by Daulat Ram College, Delhi University and IAMC</p> <p>➤ Dr. Balwinder Singh (Biotechnology)</p> <p>-Best Science Teacher Award Colleges (2014) by Punjab Academy of Sciences</p> <p>➤ Dr. Kirandeep Kaur (Chemistry)</p> <p>a) UGC Dr. Kothari PDF</p> <p>b) International travel grant by DST India for attending 6th Inter Congress at Germany</p> <p>c) Best oral presentation award in International Conference (January 2015) at Faridabad</p> <p>➤ Dr. Rajwinder Kaur (Chemistry)</p> <p>a) International Travel grant by DST India(2013)</p> <p>b) International Travel Grant to Attend conference at Japan (2011).</p>

3.4.9 State the incentives given to faculty for receiving state, national and international recognitions for research contributions.

Research contributions of the faculty are highlighted in the college annual reports, bulletins and reputed newspapers to motivate other researchers also. The faculty members having received state, national and international recognitions are honoured at prize distribution functions and convocations.

3.5 Consultancy

3.5.1 What is the stated policy of the college for structured consultancy? List a few important consultancy services undertaken by the College.

The college has two fold consultancy services criteria. Where the huge infrastructure is required, the college provides consultancy through farm, health centre, physiotherapy clinic etc. The teachers of the college are also given permission to provide consultancy services in their area of specialization. The staff of the college participates wholeheartedly in consultancy. A few important consultancy services provided by the college are listed below:

Consultancy Centre	Consultancy Services	Beneficiaries	Category
Farm	Farm related services	Farmers	Free of cost
Health centre	OPD services	General Public	Free of cost
Physiotherapy clinic	Physiotherapy	General Public	Remunerative
Career guidance cell	Career guidance	Students	Free of cost
Placement cell	Placement	Students	Free of cost
Language lab	Communication Skills	Students and staff	Free of cost
Dept. of Commerce	Cost and Management Accountancy	Industrialists/Traders	Free of cost
Dept. of Fashion Designing	Training in cutting, stitching and embroidery	Women from weaker section of the society	Free of cost

3.5.2 Does the college have college-industry cell? If yes, what is its scope and range of activities?

The college has College Industry Linkage Cell consisting of five staff members from various faculties. The cell has created college and industry group with industrialists/traders from various fields. The group meetings are convened from time to time. The cell holds at least one meeting in each semester. The suggestions are sought from the industrialists (as members of board of studies) with regard to changes in the curriculum and practical training in various courses. In the last two years, college has started several new courses on the suggestions of the experts from various fields. The students are apprised about the latest developments in the industry and even the interaction of the industrialists with the students in the college campus makes it convenient for the students to have the first hand information about the industry.

3.5.3 What is the mode of publicizing the expertise of the college for consultancy services? Mention the departments from whom consultancy was sought.

The following modes are used for publicizing the expertise of the college for consultancy services:

- Through banners and posters.
- By the distribution of hand bills
- By holding free medical and physiotherapy camps for general public.
- By organizing Kisan Melas.

The following departments provide consultancy services:

- Department of Agriculture

- Department of Physiotherapy
- Department of Food Science and Technology
- Department of Commerce and Business Administration
- Department of Fashion Designing

3.5.4 How does the college encourage the faculty to utilize the expertise for consultancy services?

The college provides required infrastructure, necessary funds, space and support to faculty to utilize their expertise. The staff members are also permitted to utilize their expertise after their normal working hours.

3.5.5 List the broad areas of consultancy services provided by the college and the revenue generated during the last four years.

Broad areas of consultancy services provided by the college and the revenue generated during the last four years are:

- OPD services in the department of Physiotherapy.
- Supplying high yielding variety plants and seeds to farmers.
- Providing latest information to the farmers about new seeds, fertilizers and farming techniques by the farmer training centre of the college.
- Providing training to the women from weaker sections of the society about
 - (a) Stitching, Tailoring, Printing and Embroidery etc.
 - (b) Food preservation
 - (c) Household consumables such as phenyl, detergent etc.

Except OPD services in the department of physiotherapy, other consultancy services are provided free of cost. The revenue generated by the department of physiotherapy during the last four years is given as follows:

Year	Income (Rs.)
2011-12	56,750
2012-13	57,680
2013-14	50,630
2014-15	60,780
2015-16	93,080
Total	3,18,920

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the college sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach Programs which have created an impact on students’ campus experience.

On the issue of ISR, the faculty members are sensitized through various motivational lectures of the experts from various fields and by the Principal. Similarly, the students are sensitized by the coordinators, experts and tutorial group mentors in the monthly meetings. The students of the college are enlightened about the rich culture, religion, politics and history of Sikhs and Punjab through the rare manuscripts, paintings and rare treasures of the museum of Sikh History Research department. The department has been successful in

arousing a sense of belongingness among the students and faculty with the glorious heritage of college as well as of Punjab. Successful endeavors of the college administration and the management to preserve the heritage building of the college are the steps towards sensitizing the students and the faculty for their rich cultural heritage. The new buildings have also been designed in the same pattern to create awareness about the architectural fineries of magnificent college building.

Various outreach Programs which have created an impact on students' campus experience are listed as follows:

- Blood Donation and Blood Testing camps
- Tree Plantation and Cleanliness Drives for better environment
- Activities of NCC/NSS wings
- Rallies for voters
- Adult learning Programs in stitching, painting, tailoring and food preservation etc.
- Sensitizing the faculty and students on social issues
- Trips to blind school and pingalwara etc.
- Free education by faculty to under privileged children.

3.6.2 How does the college promote college-neighborhood network and student engagement, contributing to holistic development of students and sustained community development?

The college is committed to holistic development of students by involving them in community services. Various Programs being run by the college for promoting college neighbourhood network and student engagement are

- 10 days' NSS Program every year
- Voter awareness rallies
- Tree plantation
- Agents for change Program
- Kisan melas in collaboration with Punjab Agricultural University, Ludhiana for the benefit of farmers of the region.
- Career Counseling festivals
- Dissemination of information through web portal and mobile application containing useful information regarding crop production, weather and marketing of crops. Students installed these applications on the mobile phones of the farmers and also guided them regarding the use of these applications.

3.6.3 How does the college promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

To inculcate qualities of leadership and humanity for the overall development of mind and body of the students, the college encourages the students to participate in extension activities. The college promotes the participation in extension activities by giving:

- Relaxation in lectures
- Extra marks in assessment
- Leave to attend camps etc.
- Honouring them during college functions
- Extra/remedial classes to cover the syllabus

The college promotes participation of faculty in extension activities by providing them leave and incentives. Three units of NCC (Air, Naval and Army Wings) are actively working in the college under the respective teacher incharges.

3.6.4 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower the under-privileged and most vulnerable sections of society?

- The college has been running a Lifelong Learning Center since April, 2015 in its premises where women from weaker section of the society are given free training in cutting, tailoring, printing, embroidery, household consumables and food processing. 98 female candidates received training in the centre from April, 2015 to December, 2016. The college has spent Rs. 1,19,677/- on providing infrastructure to this centre.
- The children of labourers are provided free education by NSS volunteers and faculty members in this centre so as to ensure social justice and empower the underprivileged and most vulnerable section of the society. They are also provided free meals, clothing and footwear. Free medical checkup of these children is also carried out.
- Gender Champion Club has been set up by the college to sensitize the students about the issues related to gender discrimination. Extension lectures are organized by the club for this purpose. Students from Gender Champion Club also participated in poster presentation and declamation contest held at college.
- The Farmer Training Centre of the college caters to the community service to the rural people of the region. It imparts training to the rural community in various fields like mushroom cultivation, bee keeping, horticulture, organic farming, preparation of jams, pickles, squashes and dairy products etc. The centre conducts training camps specifically for the women with an aim to improve their socio-economic status. 183 camps have been organized for women during the last 5 years and more than 6,000 women participants have benefitted from these camps.

- Agents of Change Program has been initiated by department of Agriculture to sensitize the students about problems being faced by the people of rural areas in Punjab. 65 villages were covered in 2015-16 under this Program and information regarding their economic condition and other socio-economic problems was collected using pre-designed questionnaires through personal interview method.

3.6.5 Give details of awards/recognition received by the college for extension activities/community development work.

The extension activities/community development work of the college are highly appreciated by the beneficiaries and the community. Faculty members of the college have received awards from many organizations /institutes for such work. The NSS unit of the college has been honoured by Blood Bank of Guru Nanak Dev Hospital, Amritsar for conducting blood donation camps. NCC cadets of the college won gold, silver and bronze medals during various camps.

3.6.6 Reflecting on objectives and expected outcomes of the extension activities organized by the college, comment on how they complement students' academic learning experience and specify the values and skills inculcated?

The aim of Khalsa College, since its inception, has been the eradication of ignorance and illiteracy along with enkindling a spirit of nationalism, social uplifting and religious commitment in the minds of its students. The extension activities undertaken by the college help in sensitizing the students about the issues of civic and social responsibility so as to inculcate moral values in them and to equip them with self-confidence, decision making, communication skills, leadership and teamwork skills, debate and declamation skills, organizational skills and practical knowledge problem solving ability as well in developing human approach to the needs of less fortunate section of the society. The extension activities also help the students inculcating the following values:

- Civic and social responsibility
- Commitment to nation building
- Nationalism and patriotism
- Democratic spirit
- Secular and scientific temperament

3.6.7 How does the college ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the college which have encouraged community participation in its activities.

- Extension activities of the college include adult learning and field action Programs which promote a meaningful and sustained rapport between the college and the community.

- Science exhibitions held by the college help in instilling scientific temper among the rural students. Community is involved in various outreach Programs of the college by organizing rallies in the city for generating awareness about important social issues like AIDS, female foeticide etc.
- NCC and NSS camps are organized with the assistance and involvement of local community.
- The Career Counseling Fest organized by Department of Commerce and Business Administration aimed at involving the Principals, Staff and the students of 10+2 class from various schools for career counselling.
- Many faculty members performed duties in Census, 2011 as well as in Assembly and Lok Sabha elections. The college assists the eligible students for preparing their voter card from the District Election Office, thus motivating them to participate in democratic election procedure.

3.6.8 Does the college have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

The coordinators of NSS/NCC, Red Ribbon Club etc. track the involvement of students and take feedback from the members of different clubs and societies and also discuss the problems faced by them.

3.6.9 Give details on the constructive relationships (if any) with other institutions in the nearby locality in working on various outreach and extension activities.

The college maintains constructive relationships with other institutions in the nearby locality by:

- inviting experts in various fields from Guru Nanak Dev University and other higher educational institutions for extension lectures.
- organizing cultural Programs and sports competitions in coordination with its sister concerns.
- holding inter college competitions and events like Com-Fest, Tech-Fest, Flower-show and other cultural events. The experts of other institutions are involved in the judgments of various events of the college.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

The college regularly organizes extension activities and community development work and its work is highly appreciated and acknowledged by the community which motivates us to accelerate the extension activities.

3.7 Collaboration

3.7.1 How has the college's collaboration with other agencies impacted the visibility, identity and diversity of activities on the campus? To what extent has the college benefitted academically and financially because of collaborations?

The College's collaboration with agencies like Punjab Agriculture University Ludhiana, Bhartiya Sahit Academy and Columbia Water Centre, California has helped in diversification of activities on the campus. The college has benefitted academically from these collaborations as the faculty and students get a chance to interact and share their views and experiences with researchers and faculty from other institutions. The collaboration of the college with Sarbat Da Bhala Charitable Trust has been financially beneficial also as the trust has provided Rs. 11,25,000/- to the college for funding 75 percent of the fees of 50 students of Diploma in Gatka.

3.7.2 Mention specific examples of, how these linkages promote

- a) Curriculum development, Internship, On-the-job training
- b) Faculty exchange and development
- c) Research, Publication
- d) Consultancy, Extension
- e) Student placement
- f) Any other, please specify

Area	Benefits from linkages
Curriculum development, Internship, On the job training	<ol style="list-style-type: none"> 1. Introduction of new courses and improvement of curriculum in the meetings of Board of Studies. 2. The curriculum of Certificate/Diploma in Computerized Accounting has been designed by a computer expert and a chartered accountant (members of the Board of Studies). 3. The students of Diploma in Retail Management got 4 week summer training in Big Bazar and submitted their project reports on that basis. 4. The students of Physiotherapy undergo internship in various hospitals/clinics (Amandeep Hospital, Parkash Hospital, IVY Hospital, Navpreet Hospital, Escort Hospital, DMC, CMC, Fortis).
Faculty Exchange and Development	Workshops, Conferences, Seminars and National Science Day have been organized by different departments in collaboration with national agencies like BARC, UGC, Sahit Academy, Pidilite, DST New Delhi etc.
Research	<ol style="list-style-type: none"> 1. Research projects sanctioned by different funding agencies are still under progress. 2. The departments of Agriculture, Chemistry, Physics and Commerce have received grant by UGC under CPE Scheme and used it for the purchase of

Area	Benefits from linkages	
	equipment and library books.	
Consultancy	Consultancy Services	Beneficiaries
	Farm Training Centre	Farmers
	Health Centre(OPD)	General Public
	Physiotherapy Clinic	General Public
	Career Guidance Cell	Students
	Placement Cell	Students
	Language Lab	Students and Staff
Extension	Science Day is celebrated every year with sponsorship of Punjab State Council for Science and Technology.	
Placement	The placement cell of the college actively and regularly interacts with various companies and organizes placement drive for the students of the college. In 2015-16, the cell was able to place 214 students with their help.	

3.7.3 Does the college have MoUs nationally/internationally and with institutions of national importance/other universities/industries/corporate houses etc.? If yes, explain how the MoUs have contributed in enhancing the quality and output of teaching, learning, research and development activities of the College?

- The college has signed MOU with Punjab Agriculture University, Ludhiana for promotion and distribution of variety of quality seeds to the farmers. It will result into high quality yield to the farmers.
- The college has also signed MOU with Sarbat Da Bhala Charitable Trust for providing Diploma in Gatka.
- MOU has been signed by the college with Punjab Cricket Association to promote and develop the game of cricket in the college.

3.7.4 Have the college industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

The college industry interactions have resulted in fruitful suggestions which have been incorporated while establishing new laboratories in Agriculture, Computers, Physics, Chemistry, Food Science, Physiotherapy and renovation and upgradation of existing labs in Physics, Chemistry, Food Science and Technology, Biotechnology and Zoology. Their interactions have resulted into purchase of advanced instruments and starting of utility oriented courses.

CRITERION IV

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 How does the college plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

Before the start of the financial year, requirements are taken from the departments for upgrading infrastructure in view of starting of new courses and increasing number of students in various courses. The management ensures the adequate availability of physical infrastructure by allocating the budget for maintenance and construction.

To ensure the optimal utilization of the college infrastructure, the following measures are taken:

- The college remains open from 8:00 a.m. to 6:00 p.m.
- There is a centralised system for preparing the time table through which institute ensures the efficient utilisation of the academic buildings.
- Diplomas/certificate courses/add on courses are planned for afternoon.
- Library facility is available from 8:00 a.m. to 6:00 p.m. in routine. The library timings are extended and it is open even during examination days.
- Laboratories in Agriculture, Food Science and Technology, Computer and Science departments are well equipped to impart practical training to the students.
- Centralized computer laboratory facility is provided to the teachers for research.
- The health centre and its laboratory remains operational from 9:00 a.m. to 2:00 p.m. and from 4:00 p.m. to 6:00 p.m. Beside this, the emergency services are available round the clock for hostel students and staff in residential quarters.
- The hostel occupancy is fully utilized with total intake of 1350 students.
- The gym facility is available in Boys hostel and in Physiotherapy department.
- The campus is also used for examination centres during vacations.
- The college provides infrastructure to conduct tests like UGC (NET), B.Ed., RRB, IIT, Police Recruitment etc.
- District administration utilizes college grounds for organising various State and District level events like sports competitions, cultural events and elections.

4.1.2 Does the college have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

The college statutory bodies like Governing Body, Finance Committee, Academic Council, Board of Studies and Heads of Departments frame policies

from time to time for creation and enhancement of infrastructure. The college is performing proactive role to enhance infrastructure in order to promote a good teaching learning environment. Some of the recent initiatives are:

- **Construction of New Buildings/Blocks**

- Administrative block
- Computer Science Department
- Agriculture Block
- Commerce and Business Administration Block
- Examination Branch
- Laboratories in Science, Agriculture, Computer and Food Science Department

- **Extension and Renovation**

- Dispensary
- Department of Physiotherapy
- Library
- Department of Physics
- Department of Chemistry
- Department of Botany
- Department of Food Science and Technology
- Department of Zoology

- **Upgradation**

- Computer Laboratories
- Science Laboratories

4.1.3 Does the college provide all departments with facilities like office room, common room, separate rest rooms for women students and staff?

- Majority of the departments in the college have their separate staff rooms for department faculty and offices for the Head of Departments.
- There is a central common room for women students and rest room for staff with proper wash room facilities. In agriculture and commerce wings, common rooms for women students are also available.
- A number of departments in the college have separate washrooms for women students and staff.
- Some of the major departments have office rooms for departmental technical and administrative staff.

4.1.4 How does the college ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?

- In the newly constructed buildings of Commerce & Business Administration, Computer Department-cum-Administration Block, there is provision of lift to meet the requirements of disabled students/ staff.

- Keeping in view the requirements of disabled students/staff in mind, their classes are arranged on the ground floor.
- Wheel chair facility is available for disabled students
- Security officers and helpers are there to help disabled students.

4.1.5 How does the college cater to the residential requirements of students? Mention

a) Capacity of the hostels and occupancy (to be given separately for men and women)

The college houses total 1350 students in Boys' hostel and Girls' hostel.

- Capacity of Boys Hostels: **550**

Sr. No.	Name of the Hostel	Capacity	Occupancy
1.	Nabha	130	169
2.	Faridkot	187	160
3.	Hargobind	62	60
4.	Jind	39	38
5.	Jind New	132	100

- Capacity of Girls Hostels: **750**

Sr. No.	Name of the Hostel	Capacity	Occupancy
1.	Bebe Nanki Hostel	190	200
2.	Mata Khiwi Hostel	380	399
3.	BibiBhani Hostel	37	37
4.	Mata Gujri Hostel	49	65
5.	Mata Sahib Kaur Hostel	44	48
6.	Kothi No. 9	20	27
7.	Kothi No. 11	15	22
8.	Kothi No. 13	15	25

b) Recreational facilities in hostel/s like gymnasium, yoga centre, etc.

The following recreational facilities are provided in hostels:

1. Each hostel has its own T.V. Room with L.E.D./T.V. set.
2. Gym facility is available in boys and girls hostel.
3. Reading room is available in girls hostel.
4. Indoor games like Chess, Carom, Table Tennis, Ludo etc. are available.
5. An open air theatre is available in boys hostel.

c) Broadband connectivity / Wi-Fi facility in hostel/s.

Internet facility is available in the hostels.

4.1.6 How does the college cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?

The college has full time residential doctor in the campus and support services like

- Referral services
- Direct treatment
- Day care
- Emergency Ambulance service to students and staff of the college.
- Dispensary has required drugs and equipments. A new building of health centre has been constructed in physical space i.e. 1904 sq. feet. (28 x 68) with well lighted reception, patient waiting space, doctor room, drug storage space, a separate sterilization and dressing room, 5 beds with wall mounted oxygen supply and suction and attached bathrooms.
- OPD facilities are available for faculty and students. It is operational from 9:00 a.m. to 4:00 p.m. In OPD emergency services are provided i.e. first aid, stabilization of condition of patient before referral, primary level management and referral of injuries, accident, animal bites and other emergencies.
- Rs. 2 to 3 Lac coverage is provided by the college through insurance policy for students.
- The Physiotherapy OPD provides services to patients suffering from various orthopedic, neurological, and traumatic conditions. On an average, 50 patients which include outdoor patients, staff and students visit the OPD daily. For the privacy of the patients, the Electrotherapy Unit of the OPD has been organized in separate cabins. The record of the patients visiting the OPD is maintained properly in the department.

4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?

Infrastructural facilities for sports

To promote interest in sports, the following facilities are available in the campus:

- Large and lush grounds for outdoor games.
 - Cricket ground approved by BCCI with additional practice pitches.
 - Swimming pool of 25 m length.
 - 400 m Athletic track with 8 lanes.
 - Hockey ground
 - Football ground
 - Basketball court
 - Handball ground
 - Kho-Kho ground
 - Netball ground

- Badminton court
- Baseball ground
- Boxing ring
- Volleyball court
- Multipurpose hall for indoor games, is available for:
 - Table Tennis
 - Chess
 - Fencing
 - Shooting
 - Gatka
 - Taekwondo
 - Boxing
- Special incentives to outstanding sports persons.
 - Total free ships in college fees. In the year 2015-16 a concession of Rs. 1.4 crore has been given to the sports students.
 - Diet money/free hostel and Mess facility.
 - Equipment & apparatus for various sports activities.
 - Provision of 5 additional seats to sports persons for all the courses having limited seats.
 - Specialized coaching under qualified coaches.
 - Interaction with sports alumni of international fame.
- Sports Events

The college organizes State Level Sports tournament, Annual Athletic Meet and various inter college and inter departmental tournaments to search talent and encourage mass participation. Some of the recent activities are as follows:

 - Annual Sports Day is organized every year in the month of February. The 97th Annual Sports Day was organized on 10th March, 2016, wherein 42 events (Athletics and recreational) were conducted both for staff and students.
 - Sports Day was also organized on 14th March, 2015. Different athletic and recreational events were conducted for both the students and staff. Padamshri S. Bahadur Singh (Arjuna and Droancharya Awardee) Chief Coach of India gave away the prizes to the outstanding players.
 - Inter College Diwali tournament is organized every year and recently it was organized on 28th October, 2016. More than 500 students from 17 educational institutions under Khalsa College Charitable Society competed for the trophy. The competitions are held for Cricket, Athletics, Basketball, Volleyball, Badminton and Tug of War.
- Sports Bulletin

Sports bulletin is published and released on Annual Sports Day to acquaint the students with the rich sports heritage of the college and the

contribution of players to the country at the International, National, State and Interschool level.

- Some of the renowned alumni of the college are:
 - S. Bishen Singh Bedi (Cricketer)
 - S. Gurbachan Singh Randhawa (Athletics)
 - S. Bahadur Singh (Athletics)
 - S. Kartar Singh (Wrestling)
 - Sh. Parveen Kumar (Athletics)
 - S. Gurbax Singh (Volleyball)
 - S. Dharam Singh (Volleyball)
 - S. Harbhajan Singh Randhawa (Athletic)
 - S. Manjit Singh Bhullar (Athletics)
 - S. Jaspal Singh (Athletics)
 - S. Ranbir Singh Sarkaria (Hockey)
 - S. Praduman Singh Kahlon (Gatka)
 - S. Ajaib Singh Chakohi (Athletics)
 - S. Balwinder Singh Shammi (Hockey)
 - S. Jagdish Singh Deol (Athletics)
 - S. Harvinder Singh (Cricketer)

Infrastructural facilities for culture events

To promote **Cultural Events**, the college has following facilities.

- Majestic hall, where regular cultural activities are organized for students.
- Open air theatre for major events.
- Student Centre for the preparation of cultural activities of students for youth festival.
- Special incentives to outstanding students
 - For preparation of youth festivals, the experienced instructors are hired wherever required.
 - Additional one or two seats in each course for students who excel in Cultural activities.
 - Hostel accommodation to students during training days.
 - Refreshment to students during training tenures.
 - Free costumes and instruments to students for cultural performances.
 - Fee concession to students as per their performance and achievements
- Cultural Events
 - Annual talent search inter-departmental contest.
 - Traditional Folk festival like Baisakhi, Teean is celebrated every year.
 - Off campus performance for social cause is done to sensitise the people towards social issues.

- Inter departmental competitions are organized from time to time
- **Renowned Alumni**

Some of the renowned alumni of the college in cultural field are:

- Sh. Bhisham Sahni (Theatre)
- Sh. Rajeev Thakur (Standup comedian)
- Sh. Kewal Dhaliwal (Theatre)
- Dr. Atamjeet Singh (Theatre)
- Sh. Yash Sharma (Films)
- Sh. Parveen Kumar (Films & TV Artist)
- Sh. Lakhwinder Wadali (Singer)
- S. Arwinder Singh Bhatti (News Reader &Cine Artist)
- Sh. Rajeev Dhingra (T.V. Creative Director)
- Mr. Emanuel (Theatre and film Artist)
- Sh. Mukesh Vohra (T.V. Anchor)
- Sh. Dinesh (Theatre Artist and T.V. Anchor)
- Sh. Ramesh (T.V. Anchor)
- Sh. Jagdeep J-Star(Singer)
- S. Amrinder Gill (Singer)
- S. Ranjeet Bawa (Singer)
- Ms. Mannat Singh (Actress)
- Mr. Ramesh Mintoo (Stand up Comedian)
- Ms. Jasveen Kaur (Actress)
- Smt. Rajbeer Kaur (Standup Comedian)
- Sh. Chandan Prabhakar (Standup Comedian)
- Sh. Rajeev Dhingra (Director of Love Punjab)

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/ user friendly?

The library has an advisory committee which supports the library functioning. It is headed by a senior teacher and includes teachers and students from different faculties as members. The committee in regular meetings deliberates on the following issues:

- Purchase of multi copies of books for text books or reference sections.
- Purchase of audio-visual materials and bar coding material.
- To frame the rules and regulations.
- Devise methods to motivate students to visit the library by organizing book fairs and book exhibitions.

- Recommends the additional funds for the library and the purchase of new books.

The following initiatives taken by committee have been implemented to render the library student/user friendly:

- Extension of library timings beyond the college normal timings.
- Enhancement of library seating capacity.
- Setting up of more departmental libraries.
- Installation of library software for search of books, topic/author wise, check the record and get the books issued/returned.

4.2.2 Provide details of the following:

Total area of the library (in sq. Mts.)	1788.48 sq. mts.
Total seating capacity	Main Library: 162 Departmental Libraries: 380 Total : 542
Working hours <ul style="list-style-type: none"> • on working days • on holidays • before examination days • during examination days • during vacation 	8:00 a.m. to 6:00 p.m. 8:30 a.m. to 4:30 p.m. 8:00 a.m. to 7:00 p.m. 8:00 a.m. to 7:00 p.m. 9:00 a.m. to 5:00 p.m.
Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)	1. Library is fully Computerised with Bar Code System. 2. Open Shelve system to facilitate the students. Ground Floor Layout: There is a separate Research and Reference Section, Periodical and Magazine Section, Circulation Section, Book Bank Section, Technical Section, Newspaper Reading Section, Library Office (Librarian Room), Reading Area, Catalogue Cabinet Area and IT Zone. First Floor Layout: All area is used for Post Graduate textbooks. Reference and Rare Books are displayed on the front side of first floor facing south side. There is also a Reading Room for Post Graduate and M.Phil students.
Access to the premises through prominent display of clearly laid out floor plan; adequate signage; fire alarm; access to differently abled users and mode of access to collection)	Sign Boards: These are displayed to give proper direction to users. Fire Extinguishers: Fire extinguisher have been installed to control unforeseen incidents in library. Open Access: Users can browse the collection independently.

4.2.3 Give details on the library holdings

a) Print (Books, back volumes and thesis)

Departmental Library: Subject wise List of Books as on dated 24-11-2016:

Sr. No.	Subject	Books
1.	Agriculture	11811
2.	Botany & Zoology	5178
3.	Bio-Technology	551
4.	Chemistry	4877
5.	Food Science & Technology	656
6.	Physics	3961
7.	Physiotherapy	437
8.	Sikh History Research Department	6417

Main Library: Subject Wise List of Books

Sr. No.	Subject	Books
1.	Agriculture	371
2.	Art	394
3.	Astronomy	2
4.	Biography	983
5.	Biology	2371
6.	Botany & Zoology	1120
7.	Chemistry	6710
8.	Commerce	9184
9.	Computer	4804
10.	Defence Studies	168
11.	Divinity	600
12.	Education	1388
13.	Economics	15711
14.	Encyclopedia	314
15.	English	21166
16.	Food Science & Technology	53
17.	Geography	1619
18.	General Education	615
19.	General Knowledge	653
20.	German & French Language	89
21.	Hindi	6248
22.	History	6123
23.	Journalism	225
24.	Library Science	225
25.	Law	90
26.	Mathematics	8352
27.	Map	44
28.	Music	153
29.	Philosophy	368

Sr. No.	Subject	Books
30.	Physics	7266
31.	Political Science	10614
32.	Psychology	374
33.	Punjabi	35748
34.	Public Health	275
35.	Public Administration	1016
36.	Religion	2567
37.	Reference	2597
38.	Science	79
39.	Sociology	1279
40.	Sports	312
41.	Syllabus	968
42.	Technology	325
43.	UGC	1761
44.	Fashion Designing	22
45.	Research Methodology	22
46.	Social Science	46
Total		1,89,302

Back Volumes	4502
Thesis	432

b) Non Print (Microfiche, AV)

Microfiche, AV	316
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c) Electronic (e-books, e-Journals)

E-Books	800
E-Journals	---
E-Resources (CD/DVDs), Audio visual resources	316

d) Special Collection (eg. Text books, Reference books, Standards, Patents)

Text Books	1,89,302
Reference Books	2597
Journals	124
Magazines	36
Manuscripts	590
Encyclopaedia	314

4.2.4 What tools does the library deploy to provide access to the collection?

- **OPAC:** The facility of OPAC is available in library. One terminal is dedicated to the readers so that they can use OPAC for their search of books. There are approx. 170 logins to OPAC daily.
- **Electronic Resource Management package for e-journals:**
The college library subscribes to INFLIBNET.
- **Federated searching tools to search articles in multiple databases:**
Yes, in case of searching INFLIBNET N-List e-resources.
- **Library Website:**
A dynamic link of library is provided on the main website of the college i.e. www.khalsacollege.edu.in
- **In-house/remote access to e-publications:**

Remote access is provided to faculty as well as students through INFLIBNET. These resources can be accessed from inside and outside campus through separate login IDs and passwords. We are using currently orbit software in library.

4.2.5 To what extent is the ICT deployed in the library?

Library automation	Software is used to manage the repository of books in library. All books are barcoded.
Total number of computers for public access	08
Total numbers of printers for public access	04
Internet band width speed □ 2mbps □ 10 mbps □ 1 gb (GB)	Airtel 4G (upto 40 Mbps) Reliance 3G (upto 21 Mbps)
Institutional Repository	590
Content management system for e-learning	E-learning is being managed with the help of E-Governance. All the faculty members upload their lectures on E-Governance website for the use of the students and this whole system is managed by the E-Governance Cell.
Participation in Resource sharing networks/consortia (like Infflibnet)	College has the facility of resource sharing network through Infflibnet.

4.2.6 Provide details

Average number of walk-ins	175
Average number of books issued/returned	50
Ratio of library books to students enrolled	30:1
Average number of books added during last three years	7197
Average number of login to OPAC	170
Average number of login to e-resources	17
Average number of e-resources downloaded/printed	316
Number of information literacy trainings organized	01

4.2.7 Give details of the specialized services provided by the library

Manuscripts	590
Reference	Library provides reference service on demand. The counter is manned by professionals who provide reference support to the students, scholars and faculty.
Reprography	Library has set up a reprographic facility inside the library with one digital photocopying machine. Two dedicated staff members are deployed to provide continuous photocopying service to the students and faculty. Library has procured 4 bar code scanners.
ILL (Inter Library Loan Service)	Loan service is available within department library and college main library.
Information Deployment and Notification	Posters and notice boards are utilised for information dissemination and notifications.
OPAC	The library has kept separate systems for users to consult online catalogue and search books on shelves in stack rooms also.
Internet Access	4G connections for internet service.
Downloads	Internet speed of 40 Mbps provided sufficient bandwidth for quick browsing and downloading of content from internet and all devices.
Printouts	Library has 04 printers to support student requirements.
Reading list/ Bibliography compilation	The library prepares reading lists on demand for research scholars, course teachers and students.
In-house/remote access to e-resources	Remote access is provided to faculty as well as students for INFLIBNET and also for other e-resources available in library. These resources can be accessed from inside and outside campus.
User Orientation	Library provides user orientation to all students in the beginning of academic year to orient users about the benefits from the library facilities, resources and services.
Assistance in searching Databases	Subject specific online databases are introduced to users through E-Governance and methods of making a search strategy, article views and assessing the authenticity of information are demonstrated.
INFLIBNET/IUC facilities	Facility of INFLIBNET is given to library users.

4.2.8 Provide details on the annual library budget and the amount spent for purchasing new books and journals.

Annual library budget available under management fund is Rs. 6,95,000/. Apart from library budget other funding agencies also provide grants for books. The amount spent on books in the last 5 years.

Year wise	Amount Spent
2011-12	Rs. 18,23,438/-
2012-13	Rs. 30,22,999/-
2013-14	Rs. 26,44,571/-
2014-15	Rs. 9,60,443/-
2015-16	Rs. 6,84,567/-

The amount spent on periodicals in the last 5 years

Year wise	Amount spent
2011-12	Rs. 87,311/-
2012-13	Rs. 1,72,400/-
2013-14	Rs. 1,87,174/-
2014-15	Rs. 2,10,230/-
2015-16	Rs. 1,65,569/-

4.2.9 Does the library get the feedback from its users? If yes, how is it analysed and used for improving the library services.

Library gets feedback from its users regarding library needs, services, complaints etc. through:

- Students in library advisory committee.
- A suggestion box installed in the library.
- Interaction of library staff with users.
- Tutorial sessions.
- Feedback from alumni at the time of convocation.
- Informal interaction of Principal with students.
- The feedback is analysed in the meeting of library advisory committee and the later recommends the suggestions from the students to the principal for implementations.

4.2.10 List the infrastructural development of the library over the last four years.

The infrastructural development of the library includes:

- Purchase of new furniture (Chairs, Periodical, Display Racks).

Years	Furniture	Amount
2011-12	Book Racks Steel Almirah	89,850/- 72,307/-
2012-13	Steel Chairs, Periodical Racks & Computer Table	48,644/-
2013-14	-----	-----
2014-15	Steel Almirah	13,116/-
2015-16	-----	-----

- Introduction of E-Governance software in the Library.
- Installation of highly speed internet connection like 3G & 4G.
- Installation of three invertors for regular supply of electricity in the Library.
- Addition of new area in the library building.

Floor	Old Area (in Sq. mts)	New Area (in Sq. mts)
Ground floor	686.59 Sq. mts.	245.30 Sq. mts.
First floor	611.29 Sq. mts	245.30 Sq. mts.

Total Area: 1788.48 Sq. mts.

4.2.11 Did the library organize workshop/s for students, teachers, non-teaching staff of the college to facilitate better Library usage?

Library organizes training programs to give training to the students and faculty. Orientation session of students of first years of UG and PG classes on ‘How to use, and locate library books and other material related to their studies from the College library’ are organised by the librarian. The book fairs are organized in the library to create awareness about the new publications.

4.3 IT Infrastructure

4.3.1 Does the college have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?

The college has IT committee which frames the IT policy. This committee reviews and takes decisions on the following matters:

- Regular network management and administration.
- Regular future facing review.
- Conducting the necessary check and fixing any minor problems that may have arisen during intervening period.
- Regular review of the general I.T. requirement and ensure the network fits with the longer term I.T. strategy.
- Identifying any potential future problems which need to be managed in advance.

The college is equipped with latest IT infrastructure which includes nine computer labs. The college has total 326 computers with latest configuration connected to internet via 12 Mbps 1:1 OFC and 24 Airtel 4G Connections. The Administrative Block, Examination Centre and Computer Science Department are connected with ‘Lease Line’. All the administrative work of the college has been computerized.

4.3.2 Give details of the college’s computing facilities (hardware and software).

a) Number of systems with configuration:

Sr. No.	Departments	Total Qty.	Brand	Configuration	No. of Systems
1	P.G. Dept. of Zoology	3	HP	Pentium 2900, RAM 2GB, HDD 500 GB	02
			Compaq	Pentium dual core, RAM 2 GB, HDD 320 GB	01
2	P.G. Dept. of Food. Sc. & Technology	2	Compaq	Intel Pentium 4 @ 1.5 GHz, RAM 2GB	01
			Lenovo	Intel Core i3 @ 3.40 GHz, RAM 4GB	01
3	P.G. Dept. of Chemistry	21	Compaq	Dual Core, RAM 1GB, HDD 320 GB	03
			HP	Dual Core, RAM 1GB, HDD 320 GB	14
			Wipro	Dual Core, RAM 1GB, HDD 320 GB	01
			Lenovo	Intel Core i5, RAM 4GB, HDD 1TB	01
			Dell	Intel Core i3, RAM 4GB, HDD 1TB	01
			Lenovo	Intel Core i3, RAM 4GB, HDD 1TB	01
4	P.G. Dept. of Physiotherapy	4	Dell	Core i3, RAM 4GB, HDD 500 GB	01
			Acer	Pentium Dual Core, RAM 2GB, HDD 200 GB	01
			Lenovo	Core i3, RAM 4GB, HDD 500 GB	01
			HP	Pentium Dual core, RAM 1GB, HDD 200 GB	01
5	P.G. Dept. of Botany	2	Lenovo	Intel Core i3, RAM 4GB, HDD 500 GB	01
			Compaq	Intel Core 2, RAM 1 GB, HDD 150 GB	01
6	P.G. Dept. of Commerce and Business Administration	10	Compaq	Pentium IV 2.8, RAM 256 MB, HDD 40 GB	03
			HP	Dual Core, RAM 1GB, HDD 320 GB	01
			Dell	Dual Core, RAM 4GB, HDD 500 GB	03
			Lenovo	Core i3, RAM 2GB, HDD 1TB	02
			HP Laptop	Core i3, RAM 2GB, HDD 500 GB	01
7	P.G. Dept. of Pol. Sci. & Public Administration	1	Lenovo	Intel Core i3@ 3.40 GHz, RAM 2GB, HDD 1 TB	01
8	P. G. Dept. of History	1	Lenovo	Intel Core i3, RAM 4 GB, HDD 1 TB	01
9	P.G Dept. of Bio-Technology	3	Dell	Intel Core i3, RAM 4GB, HDD 500 GB	03
10	P.G. Dept. of Physics	12	Compaq	Core 2 duo@2.20GHz, RAM 512 MB, HDD 80 GB	05
			Compaq	Core 2 duo @2.20GHz, RAM 1GB, HDD 160 GB	02
			IBM	Intel Pentium 4 @3.00GHz, RAM 112 MB, HDD 80 GB	01
			IBM	Intel Pentium 4 @2.80GHz, RAM 128 MB, HDD 40 GB	01
			Dell Inspiron	Intel Pentium Dual core, RAM 4 GB, HDD 500 GB	02
			HP Laptop	Intel Core @2.40 GHz, RAM 4GB, HDD 500 GB	01
11	P.G. Dept. of English	3	Dell	Intel Core i3, RAM 4GB, HDD 500 GB	03
12	P.G. Dept. of Computer Science & Applications	185	Dell	Intel Core i3 , RAM 4GB, HDD 500 GB	05
			Dell	Intel Pentium Dual Core @ 2.2.6 GHz RAM 4GB, HDD 500 GB	13
			Dell	Intel Core i3, RAM 4GB, HDD 500 GB	06
			Compaq	Dual Core @2.260 GHz, RAM 1 GB, HDD 80 GB	03
			HP	Core 2 duo @2.2 GHz, RAM 1 GB, HDD 320 GB	34
			Compaq	Dual Core @2.260GHz, RAM 1 GB, HDD 80 GB	45

Sr. No.	Departments	Total Qty.	Brand	Configuration	No. of Systems
			Lenovo	Intel Core i3 @ 3.30 GHz RAM 2 GB, HDD 500 GB	15
			Dell	Intel Pentium @3.0 GHz, RAM 1 GB, HDD 160 GB	26
			Lenovo	Intel Core i3 @3.60 GHz, RAM 4GB, HDD 500 GB	03
			Compaq	Dual Core @2.26 GHz, RAM512 MB, HDD 80 GB	20
			Wipro	Intel Pentium P IV, RAM 1 GB, HDD 160 GB	01
			Compaq	Intel Pentium P IV, RAM 512 MB, HDD 160 GB	01
			HCL	Pentium IV RAM 512 MB, HDD 80 GB	03
			Wipro	Pentium IV, RAM 512 MB, HDD 80 GB	07
			HP Compaq	Intel Pentium IV RAM 512, HDD 80 GB	03
13	P.G. Dept. of Agriculture	16	Lenovo	Intel Core i3@ 3.40 GHz, RAM 4 GB, HDD 500 GB	11
			HP	Pentium@260 GHz, RAM 1 GB, HDD 320 GB	02
			Compaq	Dual Core @2.260GHz, RAM 1 GB, HDD 80 GB	03
14	P.G. Dept. of Mathematics	1	Lenovo	Intel Core i3@3.40 GHz, RAM 4GB,HDD 500 GB	01
15	P.G. Dept. of Economics	1	Lenovo	Intel Core i3@3.40 GHz, RAM 4GB, HDD 500 GB	01
16	Dept. of Physical Education	1	HP	Intel Core i3 @2.90 GHz, RAM 2GB, HDD-500 GB	01
17	Dept. of Fas. Des.	1	Lenovo	Intel Corei3, RAM 4GB, HDD 1TB	01
18	P.G. Dept. of Punjabi	2	Lenovo	Intel@3.40GHz, RAM 2 GB, HDD 500 GB	01
			HP Compaq	Intel (R) Core i3@3.20 GHz, RAM 2GB, HDD 500 GB	01
19	Dept. of Journalism & Mass Communication	3	DellVostro	Intel corei3,RAM 4 GB, HDD 1TB	02
			Lenovo	Intel core i3, RAM 4GB, HDD 1TB	01
20	Dept. of Sikh History and Research	3	Lenovo	Intel core i3,RAM 4 GB,HDD 1TB	01
			Dell	Intel Core i3, RAM 4GB,HDD 500 GB	01
			HP	Intel Core i3 @2.90 GHz ,RAM 2GB,HDD 500 GB	01
			HP Compaq	Intel Core 2 Duo@2.2 GHz, RAM 1 GB, HDD 320 GB	01
21	Admission Cell (Registrar Office)	6	Compaq	Intel (R) Core (TM) Duo E4500@2.20GHz, RAM 2GB, HDD 80 GB	05
			Lenovo	Core i3-4160 @3.60 GHz, RAM 4GB, HDD 1TB	01
22	Training & Placement Cell	3	Lenovo	Intel Core i3, RAM 4 GB, HDD 1 TB	01
			Dell Inspiron	Intel Pentium Dual core, RAM 4 GB, HDD 500 GB	01
			Lenovo Laptop	Intel Core i3, RAM 4 GB, HDD 1 TB	01
23	Career Guidance Cell	3	Lenovo	Intel@3.40GHz, RAM 2 GB, HDD 500 GB	03
24	Account Office	6	Compaq	Intel@3.20GHz, RAM 2 GB, HDD 500 GB	03
			Lenovo	Intel@3.40GHz, RAM 2 GB, HDD 500 GB	01
			Lenovo	Intel@3.60GHz, RAM 4 GB, HDD 1TB	01
			Lenovo	Intel@3.60GHz, RAM 4 GB, 1 TB	01
25	Salary section	3	Compaq	Intel Core2duo@2.20GHz, RAM 1 GB, HDD 500 GB	01
			HP	Intel dual core@2.60GHz, RAM 1 GB, HDD 500 GB	01
			Lenovo	Intel core@3.20GHz, RAM 1GB, HDD 500 GB	01
26	Deputy controller Examinations & IQAC	4	Lenovo	Intel Core i3, RAM 4GB, HDD 500 GB	03
			Lenovo	Dual Core, RAM 1 GB, HDD 200 GB	01
27	NAAC office	1	Lenovo	Intel Core i3@3.60 GHz, RAM 4GB, HDD-1TB	01
28	Seminar Hall	1	Dell Vostro	Intel corei3@3.40GHz,RAM 2 GB,HDD 500 GB	01

Sr. No.	Departments	Total Qty.	Brand	Configuration	No. of Systems
29	Principal Office	3	HP	Pentium Dual core@2.60 GHz, RAM 2 GB, HDD 320 GB	02
			HP	Intel core i3@3.20 GHz, RAM 4GB, HDD 500 GB	01
30	Library	8	Dell	Intel Pentium@260GHz, RAM 4GB, HDD 500 GB	01
			Lenovo	Intel Corei3@3.40GHz, RAM 4GB, HDD 500 GB	01
			Dell	Intel Pentium, RAM 4 GB, HDD 500 GB	01
			HP	Pentium IV@3.00 GHz, RAM 1GB, HDD 160 GB	01
			Compaq	Intel Pentium IV, RAM 125 MB, HDD 160 GB	02
			Dell	Intel Pentium IV, RAM 3GB, HDD 500 GB	01
			Compaq	Intel Pentium IV@2.80 GHz, RAM 120 MB, HDD 160	01
31	E Governance	2	Dell	Intel CPU @2.60 GHz, RAM 4 GB, HDD 500 GB	01
			Lenovo	Intel CPU @3.40 GHz, RAM 4 GB, HDD 500 GB	01
32.	Examination Cell	9	Lenovo	Intel core i3@3.40 GHz, RAM 2 GB, HDD 500 GB	04
			Lenovo	Intel corei3@3.40GHz, RAM 4 GB, HDD 500 GB	03
			Compaq	Core 2 duo@2.2GHz, RAM 2GB, HDD 80 GB	01
			IBM	Intel XEON 3.1 GHz, RAM 8 GB, HDD 250 GB	01
33.	Superintendent office	2	Compaq	Core 2 duo@2.2GHz, RAM 1 GB, HDD 80 GB	01
			HP Compaq	Intel Core i3@3.20 GHz, RAM 1GB, HDD 320 GB	01
Total		326			

b) Computer Student Ratio

The computer to student ratio during classes is 1:1 for the effective use of computers by the students.

c) Dedicated computing facility

Institution is using dedicated computing facility.

d) LAN facility

The LAN facility is used by some of the departments.

e) Wi-Fi Facility

There is a leased line connection available of bandwidth 12 Mbps (1:1 unshared) in administrative block, examination cell and computer science department which is being extended upto 50 Mbps for all departments. For internet facility in other departments 24 Airtel 4G connections are also provided.

f) Propriety software/open source software

Propriety Software's

Sr. No.	Product Description	Qty.
1	Windows XP (Pro)	30
2	Oracle 9i Standard Edition with (5 user) License	01
3	Additional 5 user License for Oracle 9i Standard Edition	01
4	MS Office XP Professional Media Kit	01
5	MS Office XP Professional Edition per user License	10

Sr. No.	Product Description	Qty.
6	Adobe Photoshop 7.0 Media Kit	01
7	Corel Draw 11 per user License	10
8	Corel Draw 11 per user media kit	01
9	MS office Pro plus 2007	10
10	Window (Pro)Upgrade	10
11	Win STR & SNGL OLP NLLGG	10
12	Corel Draw Graphics X4	01
13	Adobe Photoshop extended	01
14	Page maker	01
15	Oracle	10
16	Window 7 (Professional)	06
17	MS Office 2013 (Professional)	05
18	Windows 8.1 (professional)	06
19	Matlab	06
20	Simulink	05
21	Windows 10	07
22	Office 2016 (Pro Plus)	01
23	Window Server 2008	01
24.	BUSY	01
25.	Tally ERP9	01

Open Source Software

Sr. No.	Product Description	Qty.
1	LINUX/UBUNTO	32
2	Java jdk1.8.0	33
3	Open Office	60
4	Oracle Database 11g Express Edition	66
5	PHP License 3.0 (PHP-3.0)	32

g) Number of nodes/computers with internet facility

Node/Computers with internet facility	210
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h) Any other

Number of Printers, Projectors, Smart Boards

No. of Printers	63
No. of Projectors	39
No. of Smart Boards	08

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college plans upgradation and deployment of IT infrastructure and associated facilities through extensive discussions with a view to provide the best IT infrastructure to our students.

- All computer labs are equipped with internet facility.
- There is Centralized Computer Laboratory under UGC-CPE grant with 60 computers and internet facility available to staff for research purpose.

- Experts opinion regarding deploying and upgrading IT infrastructure are taken from time to time.

4.3.4 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

- Teachers upload their lectures on e-governance site to which students can access through their user accounts.
- Library has online catalogue which facilitates the checking of status of books.
- Information regarding seminars and research activities is published on college website and e-governance website.
- Templates of paper invited for journals are available on website.
- The News Bulletin published by college is available on website for students.
- The Prospectus is available on college website.

4.3.5 Give details on the ICT enabled classrooms/learning spaces available within the college and how they are utilized for enhancing the quality of teaching and learning.

- There are nine computer laboratories, 150 computers with latest configuration connected to internet via 12 Mbps leased line.
- Language laboratory with clarity software for enhancing the language competencies in students has been set up.
- Research centre has been set up with latest hardware and software.
- College has total 17 ICT rooms.

4.3.6 How are the faculty facilitated to prepare computer aided teaching-learning materials? What are the facilities available in the College or affiliating University for such initiatives?

- The college teaching staff is encouraged to make use of ICT resources such as Computers, LCD, Multimedia Projectors, for preparing and giving powerpoint presentations.
- All the departments are equipped with computers, printers and multimedia projectors etc. Faculty members can make use of it as per their requirement.
- Centralized lab facility is available to faculty for research purposes.
- Faculties upload their lectures on e-governance (www.kccsasr.org) website so that the student may access the lectures online through their accounts.
- Faculty development programs are organized from time to time.

4.3.7 How are the computers and their accessories maintained? (AMC, etc.)

The college prefers to purchase branded computers and accessories. Maintenance of branded equipment is done by the company during the warranty period (1-2 years). After the warranty period is over, the college takes the service of its own maintenance cell established in Computer Science department. In case

of major hardware problems, the college takes the services of hardware engineers from the market. AMC of the UPS has been done.

4.3.8 Does the college avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?

The college is using NPTEL service which is used extensively by faculty, researchers, staff and students for teaching and research.

4.3.9 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the college?

The annual budget for update, deployment and maintenance of the computers in the college allotted by Management is Rs. 9,67,000/-. In addition, college also spends from Principal's funds as per the requirements of the departments.

4.4 Maintenance of Campus Facilities

4.4.1 Does the college have an Estate Office / designated officer for overseeing maintenance of buildings, class-rooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

Sh. N.K. Sharma has been appointed as designated officer to supervise the maintenance of buildings, classrooms and laboratories. Under his supervision a team consisting of one SDO, three junior engineers, one drafts man, one electrical engineer, one supervisor and fifteen staff members is involved in maintenance of infrastructure. During new construction and renovation work, special care is taken to preserve the existing heritage structure of building of college.

Few campus specific initiatives undertaken to improve the physical ambience are as follows:

Constructions

- Footpaths throughout the college.
- Boundary Wall and Grill Work.
- Gurdwara Langar Hall and marble flooring of premises.
- Cafeteria, Juice bar and Verka products shop.
- Enquiry office at the main gate of the college to facilitate the outside visitors.
- Parking area in Agriculture Department.
- A new administrative block and Computer Science department.
- A new block of Commerce and Business Administration under construction.
- Security Guard Room.
- Girls Hostel Guest Room.
- New Bio-Technology building.

Renovations

- Majestic hall to maintain the ambience of historical building.

- The flooring of the college using Interlocking Tiles.
- Edge Flooring in Front of Chemistry block.
- Granite Flooring in College Porch.
- The flooring of Chemistry Department and Physics Department by using Vitrified Tiles.
- Dispensary and Physiotherapy departments.
- Grilled walls of the playgrounds.
- The roofs of all classrooms on the first floor in the main building.
- Old agriculture block.
- Exterior of parking area.
- Covering of two water coolers by Polycarbonate Sheets.
- Extension of library area.
- Boundary Walls and Grill work of Boys Hostel.
- Seminar Hall

4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.

The Governing body has appointed Secretary (Buildings) for maintenance, repair and construction of new buildings.

The college has its own Works and Maintenance Department which is fully responsible for all repairs and maintenance. This department has a regular staff under the supervision of Project Officer.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1. Does the college have an independent system for student support and mentoring? If yes, what are its structural and functional characteristics?

The college has a comprehensive system for supporting and mentoring the students for which a Career Guidance and Counseling Cell, and a Training and Placement Cell have been established. The support system functions through various heads like Dean Academic Affairs, Dean Agriculture, Dean Commerce, Dean Humanities, Dean Languages, Dean Sciences, Dean Research, Dean Cultural Activities, Dean Students Welfare (Boys and Girls), Women Redressal Committee and overall monitoring is done by the Principal. The system works in a coordinated manner to ensure the overall development of the students. The faculty members and administration continuously interact with the students about their academic and personal progress. The key activities of the system are:

- **Counseling:** At the entry level the students are individually counseled to make right choice of stream and subjects according to their interests and needs. For this purpose counseling committees are constituted at the time of admission which perform their duties from May to July along with admission committees. Counseling regarding the stress management and positive approach is provided by the department of psychology throughout the year. The religious classes and divinity lectures are also conducted.
- **Orientation:** In the beginning of the session the orientation of the students is conducted. Principal and Deans of the faculties address the students. Then in the respective departments, the students are oriented by the heads and teachers.
- **Tutorials:** The students are divided in small groups and each group is allotted to a tutor. Tutorial meetings are organized frequently for individual mentoring of the students. The tutorial group includes both junior and senior students for peer mentoring.

5.1.2 What provisions exist for academic mentoring apart from class room work?

Apart from classroom work, the students are mentored through the following teaching learning strategies:

- Various National/International seminars/conferences and extension lectures are organized by the departments which help the students in getting them acquainted with latest advances in their concerned subjects.
- Various subject societies are managed by the students under the supervision of head of department concerned as coordinator. These subject societies are

excellent platform for mentoring the students inculcating the organizational skills.

- Project work is a part of curriculum in P.G. and some U.G. classes. Students are supervised by teachers of the respective departments.
- Remedial classes for weak students are conducted. Extra classes for the beginners in Maths are also conducted in zero periods.
- To enhance practical knowledge, educational tours are conducted by different departments to industries and advanced research institutions.
- In sciences, P.G. students are made mentors for B.Sc. students. Every mentor is allotted group of 4-5 students. The mentor helps these students in theory as well as practical problems.
- Teachers mentor the students by motivating and encouraging them to participate in inter and intra college competitions.

5.1.3 Does the college provide personal enhancement and development schemes for students? If yes, describe techniques employed e.g., career counselling, soft skill development, etc.

- The college organizes classes for personality development in all departments.
- **Skill Development (Spoken English, Computer literacy, etc.):** Special classes are conducted to develop listening and speaking skills in English. A language lab is established to train the students in Phonetics and communication skills. Workshops are also organized by the computer department for computer literacy among the students.
- **Career Guidance Cell** of the college provides information to the students about the various career opportunities. The prominent activities of the cell are as following:
 - The cell organizes orientation programs about various courses before the commencement of the new session. The aim is to make the students aware about the new and ongoing courses in the college.
 - Lectures of experts from various fields are arranged for outgoing students.
 - Career guidance companies are engaged by the cell to organise seminars and workshops to guide the students about various aspects of personality development and interview skills. 500 students benefited from it.
 - State department and agencies like Department of Tourism Punjab and United Nations World Tourism Organization (UNWTO) are engaged to organize professional training Programs.
 - Famed career counselors Mr. Vaibhav Mehndiratta (PIBM), Mr. Rajeev Malhotra (IIBM), Mr. Nitin Aggarwal (CL) have contributed to the development of career consciousness among the students.

5.1.4. Does the college publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through these documents? Is there a provision for online access?

- **Prospectus** of the college is updated and published annually. The college prospectus is available online also. The **updated prospectus** is published with a focus to furnish information regarding:

Vision and Mission of the college, A Brief History of the college, Organization and Governing Body, Updated courses/programs and facilities, Anti Ragging Rules, CCASH (College Committee Against Sexual Harassment), College Calendar, Admission Process, General Code of Conduct, Infrastructure, Faculty, Administrative and Support Staff/Committees and Offices related to Students welfare, Details of the Courses offered including Add-on Courses, Library Facilities, Information on Classrooms and various Labs, All Extension Activities, Student Support and Progression Programs, Cultural Activities, Clubs and Cells, Information on Sports Activities, Fee Concessions/Freeships/Scholarships details, Alumni, Hostels.

- **News Bulletin** is published annually. It contains news from all departments and college campus.
- **Sports Bulletin** is published and released on Annual Sports Day to acquaint the students with the rich sports heritage of the college and the contribution of the players to the country at the international, national, state and inter-varsity level.
- **The Annual Report** of the college is published and distributed to students with the degree on the Annual Convocation along with the convocation address by the Chief Guest.
- **Wall Magazines** are a regular feature of many departments. Students put up articles, poems, posters, cartoons etc. Relevant material is displayed on the wall magazines updating knowledge and sharing information.
- **College Profile** covering the history, activities, contribution and alumni of the college is published.

5.1.5 Specify the type and number of scholarships/freeships given to students (UG/PG/M.Phil./Ph.D./Diploma/others in tabular form) by the college Management during the last four years. Indicate whether the financial aid was available on time.

- **Financially** challenged students are given partial or full waiver of fees. For economically weak students, financial aid is provided in the form of scholarships, fee concessions, book banks and concession for hostel accommodation.
- **The scholarships/concessions** are given to the students at the beginning of the academic year so as to support their financial needs on time. The following scholarships are available for academically brilliant and lower income group students:

1. Macauliffe Scholarship
2. Principal G.A. Wathen Scholarship
3. S. Kartar Singh (Novelty Sweets) Scholarship
4. S. Joginder Singh Dhillon Scholarship
5. S. Rajinder Singh Scholarship
6. S. Sunder Singh Chhatwal Scholarship
7. Bibi Sita Chhatwal (Satwant Kaur) Scholarship
8. S. Santokh Singh Chawla Scholarship
9. Sardarni Bhagwanti, S. Santokh Singh Chawla Scholarship
10. S. Narain Singh, Gurdip Kaur Hassan Scholarship
11. Dr. Bhagat Singh Thind Scholarship
12. Late S. Kanwaljit Singh Arora Husband of Mrs. Chand Kaur Arora Scholarship/Gold Medal
13. S. Naunidh Singh Stipend
14. Col. Bawa Jiwan Singh Stipends
15. S. Binode Singh Stipends
16. S. Mittar Singh Scholarship
17. S. Joginder Singh Chawla Scholarship
18. Sardarni Parsin Kaur Sarkaria, S. Inder Singh Tehsildar Scholarship
19. S. Narain Singh Chawla
20. Guru Gobind Singh Stipends
21. Bhai Heera Singh Stipends
22. Bawa Moot Singh Stipend
23. Macauliffe Memorial Stipends
24. S. Maninder Singh Stipend
25. S. Gurmukh Singh Chawla Scholarship
26. S. Manohar Singh and Sardarni Gursharan Kaur Stipend
27. Late. Sh. Ram Nath Mahendroo and Smt. Phoolan Rani Mahendroo Stipend
28. S. Gurbhajan Singh Stipend
29. Brig Mann Singh Oberoi Scholarship
30. Sant Baba Sham Singh Ji, Sant Baba Sehaj Singh Ji Stipend
31. Principal Bishan Singh Samundri Stipend
32. Bibi Surjit Kaur Dhariwal Memorial Scholarship
33. Late Sh. Khazan Singh Jolly Scholarship
34. Sardarni Kirpal Kaur & Sardar Amar Singh Dua Scholarship
35. S. Sabdal Singh Scholarship
36. S. Swarup Singh Marwah Scholarship
37. S. Amar Nath Sharma Scholarship
38. Sant Sadhu Singh Dhariwal Memorial Scholarship
39. Prof. M.S. Garkhel Scholarship
40. Sri Guru Harkrishan Kirpa Trust Scholarship
41. S. Joginder Singh Scholarship
42. Mandeep Kaur Memorial Scholarship
43. S. Bela Singh Former Sarpanch Scholarship
44. Sardarni Harnam Kaur, daughter of S. Nand Singh Shaheed Saragarhi Scholarship
45. S. Jagjit Singh Chawla Chief Khalsa Diwan Stipend
46. S. Wattan Singh Registrar Scholarship
47. S. Gurcharan Singh, Prof. of Mathematics Scholarship
48. Sepoy Nand Singh Shaheed Saragarshi Scholarship
49. Hawaldar Isher Singh Shaheed Saragarhi Scholarship
50. Bibi Kanwaljit Kaur Memorial Scholarship
51. S. Diwan Singh (Prof. of Punjabi) Scholarship
52. S. Amarjit Singh (Prof. of Agriculture) Scholarship
53. Grewal Students Scholarship
54. Marshal of Air Force Arjun Singh Trust
55. Dhadi S. Sohan Singh Seetal Scholarship
56. Justice Teja Singh Scholarship
57. S. Deep Singh Scholarship
58. S. Makhan Singh Majithia Scholarship
59. Dr. Bhag Singh Sidhu and Mrs. Bhagwan Kaur Sidhu Scholarship
60. S. Avtar Singh Gill Scholarship
61. Khalsa College 1961-67 B.Sc. Agri Batch Students Stipend
62. S. Bhagwant Singh Sandhu Scholarship
63. Harmandeep Singh Bath Memorial Scholarship

The following table shows the amount of scholarships given to the students:

Amount of Scholarships

Sr. No.	Year	No. of Graduates	Amount (in Rs.)	No. of Post graduates	Amount (in Rs.)	Total (in Rs.)
1.	2011-12	65	177820	19	32950	210770
2.	2012-13	73	195420	14	33010	228430
3.	2013-14	71	263800	17	47810	311610
4.	2014-15	73	274410	22	75000	349410
5.	2015-16	89	404810	23	128400	533210

- **Concessions** and freeships are provided to the students who make achievements in Academics, Sports and other Co-curricular activities as per the college and the management norms.

5.1.6 What percentage of students receive financial assistance from state government, central government and other national agencies?

The college offers all the scholarships received from the government for SC/ST and BC students.

Post Matric Scholarship for SC and BC Students				
Session	No. of SC Students	% of SC Students	No. of BC Students	% of BC Students
2011-12	25	0.70	11	0.31
2012-13	19	0.48	21	0.53
2013-14	48	1.03	27	0.58
2014-15	121	2.26	39	0.73
2015-16	258	4.15	28	0.45

5.1.7 Does the college have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?

The college is planning to establish International Student Cell.

5.1.8 What types of support services are available for

- **For Physically Challenged/differently abled students:** The following provisions are made:
 - Consideration in admission as per rules.
 - Allotment of classrooms as well as examination centre at ground floor.
 - Wheel chairs are provided.
 - Financial assistance is provided.
- **SC/ST OBC and Economically weaker section:** The college helps the SC/ST/OBC and minority students to apply and avail the various central and state scholarships to the deserving students of economically weaker section. The college has generated **Poor Students Aid Fund**. Meritorious and needy students are given books from Book Bank of the college main library.

- **Health centre, health insurance etc.**

The college has full time residential doctor in the campus and support services like

- Referral services
 - Direct treatment
 - Day care
 - Emergency Ambulance service to students and staff of the college.
 - Dispensary has required drugs and equipments
- A new building of health centre has been constructed in physical space i.e. 1904 sq. feet. (28 x 68) with well lighted reception, patient waiting space, doctor room, drug storage space, a separate sterilization and dressing room, 5 beds with wall mounted oxygen supply and suction and attached bathrooms.
 - OPD facilities is available for faculty and students. It is operational from 9:00 a.m. to 4:00 p.m. In OPD emergency services are provided i.e. first aid, stabilization of condition of patient before referral, primary level management and referral of injuries, accident, animal bites and other emergencies during OPD hours.
 - Rs. 2 to 3 Lac coverage is provided by the college through insurance policy for students chronic disease.
 - The Physiotherapy OPD provides services to patients suffering from various orthopaedic, neurological, and traumatic conditions. On an average, 50 patients which include outdoor patients, staff and students visit the OPD daily. For the privacy of the patients, the Electrotherapy Unit of the OPD has been organized in separate cabins. The record of the patients visiting in the OPD is maintained properly in the department.
 - **Skill Development (Spoken English, Computer literacy, etc.) Spoken English:** Special classes are conducted to develop listening and speaking skills in English. A language lab is established to train the students in Phonetics and communication skills. Department of Computer Science organizes workshops for computer literacy among students.
 - **Department of Fashion Designing** organizes hobby classes in Cutting, Tailoring, Embroidery, Printing and Tie and Dye.
 - **Department of Fine Arts** organizes Painting and Craft Workshops for the students
 - **Department of Youth Welfare** organizes Theatre Workshops for the students.
 - **NSS** organizes Disaster Management and Health Awareness programs.
 - **Performance enhancement for slow learners/students who are at risk of failure and dropouts:** Remedial and extra classes are conducted to enhance the performance of slow learners. Personal attention is given to such students by the teachers.

- **Exposure of students to other institutions of Higher learning/ Corporate/Business houses:** Educational trips are a regular feature of every department. Industrial visits seminars/conferences are conducted. Experts are invited to deliver lectures.
- **Publication of student magazine:** The college encourages the students to publish their creative and research work in the college magazine: **Darbar**. It has different sections namely English, Punjabi, Hindi and Religious Studies. The student editors are appointed section wise under the teacher incharge.
- **Research Journals:** 1. ਸੰਵਾਦ (Research Journal of Punjabi) 2. Current Reports on Science and Technology (Research Journal of Faculty of Sciences)
- Some departments have created wall magazines.

5.1.9: Does the college provide guidance/coaching classes for Civil Services, Defence Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?

The college has an independent Centre for the Coaching of Competitive Examinations. Right from its inception in 2011, the centre is striving to provide the basic and proper training by organising coaching classes for the preparation of UGC NET/Bank PO/CSAT/NDA/CDS and other competitive examinations. The centre has invited a number of resource persons in their specialised areas to share their personal experiences and provide practical learning during their interaction with the students.

The centre makes use of the latest equipments of teaching aids required for the smart classes. The library of the college has a special room where latest books on various competitions are kept for the benefit of the students. Latest journals, magazines and newspapers on competitions are also made available. The library also subscribes to Inlibnet.

Achievements of the Centre

Session	No. of Students Beneficiaries	No. of Students Qualified in these exams
2011-12	125	20
2012-13	155	30
2013-14	200	50
2014-15	280	68
2015-16	550	150

- The college has also introduced B.A. (Social Sciences). The syllabus of which has been drafted focusing on the Competitive Exams.

5.1.10 Mention the policies of the college for enhancing student participation in sports and extracurricular activities through strategies such as

- a) **additional academic support, flexibility in examinations**
- b) **special dietary requirements, sports uniform and materials**
- c) **any other**

In order to encourage participation of students in extracurricular activities, the college provides full support to participants in the form of remedial classes, scholarships and books. Sports kits are provided to the sports persons. Free diet according to their special dietary requirements and free accommodation are provided to all participants. Fee concession is also given to them. TA/DA as per college rules is given to them to participate in sports events.

- Extra lectures are given.
- Flexibility in house examination and final examination is given.
- Outstanding sportsmen and artists are honoured on Annual Sports Day and Annual Prize Distribution Function.

5.1.11 Does the college have an institutionalized mechanism for placement of its students? What services are provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

A Placement Cell with a senior teacher as its director is established. Teachers from different departments are also members of this cell. Students are involved in the functioning of the placement cell. The following mechanism is adopted:

- Companies of national and international repute are invited for the placement. Students are identified as per the requirements of different companies.
- Notice regarding the visits and requirements of the companies is displayed on the notice board and served to all departments and hostels. SMS regarding this is also sent to all students.
- Special coaching classes are arranged for effective communication skills to face the interview panels.
- Lectures of experts to develop entrepreneurship are organized.
- The Job Festivals for campus selection are also held.
- The cell also maintains student feed-back data of the passed-out students.

5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years).

During the last five years 399 students got campus placement in different companies and departments as per the following details:

Session	No. of Companies visited	No. of Students selected
2011-12	14	44
2012-13	8	49
2013-14	7	38
2014-15	5	54
2015-16	9	214
Grand Total	43	399

5.1.13 Does the college have a registered Alumni Association? If yes, what are its activities and contributions to the development of the college?

The college has an Alumni Association with two active chapters as Mohali Chapter and USA Chapter.

Activities of Alumni association during the last two years:

- Directory of Alumni Association is published and updated annually.
- Alumni meet is organized every year and alumni from all over the world attend the meet.
- Many of the scholarships/stipends are being sponsored by the Alumni.
- Interaction of the students with distinguished alumni who have occupied the top occupational positions.
- Prominent Alumni are honoured on the occasions of convocation and prize distribution functions every year.
- The Mohali chapter of Khalsa College Alumni Association purchased a land and donated to Khalsa College Governing Council to establish Khalsa College of Technology and Business Studies in Mohali. All the alumni of Mohali chapter are members of the local management committee of the college.
- In 2015, it was decided that Annual Alumni Meet would be organized on 5th March every year which is the foundation day of the college.

5.1.14 Does the college have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.

For welfare of the students and to address their grievances a Students Grievances Redressal Cell is established as per the recommendation of UGC. The grievances of the students are redressed as following:

• **At Student Level**

The grievances of the students as reported directly to the Principal/ Teachers or in tutorial groups are analyzed by committee constituted by the Principal. The issues at college level are resolved under the guidance of the Principal and at departmental level by the concerned Heads/Deans. Informal feedback from students is also taken by the Principal from time to time. To resolve any such issue related to students college has appointed Dean Students Welfare for both boys and girls.

- **At Staff Level**

- To address grievances of staff, college has formed Grievance Appeal Committee.
- Any complaint received from staff or/and student is immediately referred to the concerned committee. The redressal is done at the earliest.
- No major grievances have been reported.

5.1.15 Does the college have a cell and mechanism to resolve issues of sexual harassment?

- The college has two student welfare committees: One for boys and one for girls to resolve issues of sexual harassment. Student can approach Dean Student Welfare (Boys), Dean Student Welfare (Girls) regarding complaints about sexual harassment. A special cell **Women Grievance Cell** under the convenership of Dr. Arvinder Kaur Kahlon is established to resolve the issues related to sexual harassment.
- **A student welfare committee** constituting Prof. Randhir Singh (Convener), Prof. Devender Singh (Registrar), Prof. Jagwinder Kaur, Prof. Sawraj Kaur, Prof. Satnam Singh, Prof. Supninderjit Kaur deals with issues of sexual harassment also. Another committee regarding grievances appeal committee is also constituted. The committee members are: Dr. M.S. Batra (Convener), Prof. Devender Singh (Registrar), Dr. Arvinder Kaur Kahlon, Prof. Sukhmeen Bedi, Prof. Gurdev Singh, Dr. Geetinder Maan, Dr. Surjit Kaur. The college has post of Dean Students Welfare (Girls) who looks after the welfare of the girl students. The students are asked to put their complaints in the complaint box or they can directly approach the committees. No such instance has been reported.
- The college has **adequate security arrangement** to ensure the safety and security of the staff and students. The security incharge is an ex-army personal with a team of 56 security men. Apart from this the CCTV cameras are installed in the whole campus, canteen and girls hostel.

5.1.16 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

The college has anti ragging committees:

- **For Boys:** Prof. Sukhjeet Singh, Prof. Randhir Singh, Dr. Gurbax Singh, Dr. Amit Anand, Dr. Amandeep Singh.
- **For Girls:** Dr. Randeep Kaur, Prof. Jasjit Kaur, Prof. Satinder Kaur, Prof. Supninderjit Kaur, Dr. Devinder Kaur.

At the commencement of every academic year the students are advised and warned against ragging. Since strict instructions are given by displaying posters in the college, no instance of ragging has been reported. Apart from this

the college has also security arrangement in the campus and hostels to check such incidents.

5.1.17 How does the college elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co-curricular activities, research, community orientation, etc. ?

All the stakeholders viz. parents, students, teachers and alumni contribute to strengthen academic and holistic development of the college.

Interactions with stakeholders

(a) Faculty: The Principal regularly organises staff meetings to apprise them about developments in the college. Feedback from staff members on academic and other student related issues are also taken.

(b) Students: Organising Tutorials is a regular feature of the college. During these tutorials the tutors update students about the recent developments in the college. They are also motivated to share the problems faced by them at department and college level. Apart from this, students can also meet the HODs, Deans and the Principal as and when required.

(c) Parents: Parent-teacher meets are organized to update parents about their ward's performance. Their feedback on college performance is also sought during these meets. Parents are also informed by mail about attendance record of their wards. In case of any indiscipline parents are called to discuss the matter.

(d) Society: Representatives of the various sections of the society are members of college statutory bodies. Their suggestions and feedback are considered while framing academic policy of the college.

- **Reinforcing culture of excellence:** College through its subject societies encourage the students to organise and manage various academic and non-academic activities. It helps in developing and polishing managerial skills of students. The college also organizes inter-college competitions in debate, declamation and quiz etc.

To motivate the students to excel in academics, the college honours those students who score above University toppers. 63 such students were honoured during the session 2015-16.

- **Identifying needs and championing organizational development (OD):** Regular feedback of the students in tutorials and at the time of convocation acts as a tool to identify the needs of the students and also the shortcomings of the administration from different perspectives. On identifying such needs college has taken various steps such as starting up of new employment oriented courses, setting up of better infrastructure, more drinking water points with RO facility, more spacious college dispensary, increased seating capacity of college's main library and setting up of new libraries in various departments. All these steps aim at development of college.

5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc?

Special schemes and mechanism for the Motivation: The college motivates students to participate in sports and cultural events by giving incentives like financial help, freeships, free hostel accommodation, free diet. Additional classes are arranged for the sports persons as well as the students who participate in cultural activities.

The outstanding students are given incentives in the form of fee concessions. In the session 2015-16 total 495 students got the amount in Rs. **1,42,83,835** in the form of fee concession and scholarships. The policy regarding the grant of incentives is framed by the management after receiving recommendations from the college administration. For the current sessions it is as following:

- **Freeship to Sportsperson**
 - International Level/National/All India/Interversity Position Holders
 - Total Freeship: In case of boarders, free hostel and free mess facilities for the playing members.
 - In case of day scholars Rs. 450/600/900 per month is paid as diet money to the playing members for the practice period.
- **Punjab State Position Holders/Colleges Position Holders**
 - Total freeship exemption. Only admission fee and University charges are charged.
 - In case of Boarders, free hostel and free mess facility for the playing members.
 - In case of day Scholars Rs.450/600/900 are paid as diet money to the playing members only during the practice days.
- **Inter College Participation/Punjab State Participation or position holders at Distt. Level.**
 - 50% freeship of the total charges.
 - Free hostel with free mess facilities for the playing members.
 - For day scholars Rs. 450/ is paid as diet money to the playing members for the practice period.
- **District Level Participation**
 - Only priority in admission with no freeship.
- **Co-Curricular Activities: NCC/NSS/Scouts/Girls/Guides/Hiking and Trekking/Divinity etc.**
 - National/Inter-varsity Position holders: Total freeship (Except Board/University/DPI(C) charges) but no concession in hostel or mess facility.
 - State University level Position holders: Only 50% freeship (Except Board/University/DPI(C) charges) in the total payable college charges. No hostel or mess concession.
 - District/Inter-College position holders: Priority in admission and 25% concession in the total payable charges.

Motivation for Sports

Sports Facility: The college has 12 grounds: Athletic track (400 Mts. standard), Badminton, Baseball, Basketball Courts, Boxing ring, Cricket, Football, Handball, Hockey, Kho-Kho, Netball, Volleyball, Swimming pool, a Multipurpose Hall for indoor games namely Badminton, chess, Table Tennis etc.

The college motivates the students for the enthusiastic participation in sports by:

- Organizing Diwali Tournament.
- Celebrating Annual Sports Day.
- Organizing Annual Sports Prize Distribution Function.
- Providing Sports kits.
- Providing excellent coaching by experienced coaches.
- Providing Free diet.
- Giving priority in admission and fee concessions.
- Giving duty leave to the students to attend camps and competitions.
- Giving T.A./D.A. during competitions.
- Awarding role of honors to National/International players.
- Awarding scholarships.

● **Motivation for Cultural Activities**

Department of Youth Welfare and Culture activities provides a platform to the students to groom and present their talent. Following activities are conducted by the department for the motivation of the students.

- Talent search program: In the beginning of each session talent hunt program is conducted on inter departmental basis. Notice for this purpose is displayed on the main notice board and served to different departments and hostels.
- Formation of Cultural Association of students to organize various cultural events.
- Preparation of teams for Inter varsity, state and National level competitions in music, dance, theatre and literary events.
- Motivation of students to participate in youth leadership and training camps organized by the university.
- Promotion of cultural heritage of the college by organizing “Baisakhi” and “Teej” Melas in the college.
- Organisation of Workshops in theatre, folk dance and music.
- Organisation of Cultural programs in the college where prominent singers and artist are invited.
- Engaging students for participating in the special performances for various community and social causes.
- Providing exposure to the students in films and other professional institutes for future career options.
- For motivation of students for cultural activities the incentives like fee concessions, freeships and scholarships are given.

5.1.19 How does the college ensure participation of women in ‘intra’ and ‘inter’ institutional sports competitions and cultural activities? Provides details of sports and cultural activities in which such efforts were made?

Women participation in sports and cultural activities is encouraged. A Talent Search contest is organized by the Youth Welfare Department to identify talent in women students and then they are subsequently guided and polished for various competitions. Intramural competitions are organized every year. The details of women participation in intra and inter institutional sports competitions and cultural activities are given below:

Participation of Women in Sports:

Game	No.
Air Rifle	03
Archery (Compound)	02
Archery (Indian)	03
Archery (Recurve)	02
Athletics	12
Cricket	16
Cross Country	06
Cycling (Track)	04
Fencing	07
Gatka	05
Pistol Shooting	03
Volleyball	12
Taekwondo	04
Judo	01
Total	80

Achievements of Women in Sports :

Name	Game	Position
Snehaldiwakar	Archery Recurve	Silver medal in Sr. National
Sumandeep kaur	Archery	Team silver (Indian) in AIIU
Amritpalkaur	Archery	Team silver (Indian) in AIIU
Anisha	Cricket	Gold in AIIU, Mumbai
Nikita	Cricket	Gold in AIIU, Mumbai
Renuka	Cricket	Gold in AIIU, Mumbai
Tanuja	Cricket	Gold in AIIU, Mumbai
Sunita	Cricket	Gold in AIIU, Mumbai
Yamuna	Cricket	Gold in AIIU, Mumbai
Neelam	Cricket	Gold in AIIU, Mumbai
Devkala	Cricket	Gold in AIIU, Mumbai
Kabia	Cricket	Gold in AIIU, Mumbai
Sapna	Cricket	Gold in AIIU, Mumbai
Kabitadevi	Fencing	II nd Gold and Bronze, Team Bronze in AIIU
Amandeep Kaur	Fencing	AIIU Team Bronze, Team bronze in Sr. National
Notum	Fencing	AIIU Team Bronze
Manpreet kaur	Gatka	II nd Bronze in AIIU
Kirandeep kaur	Shooting	Silver in AIIU

All India Inter University and National Participation:

Name	Game	Position
Jasmine	Archery	AIIU Participation
Radha	Volleyball	Participation in AIIU
Radha	Volleyball	Sr. National Participation
Sakshi	Volleyball	Sr. National Participation
Sandeep kaur	Volleyball	Youth National

Participation of Women students in Cultural Activities:

Women students participate in gidha team, theatre, literary and music competitions.

Session	2011-12	2012-13	2013-14	2014-15	2015-16
No. of participants	37	33	34	39	35

5.2 Student Progression

5.2.1 Provide details of program-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available)

Program-wise Success Rate in Percentage

Programs	Success rate in percentage				
	2011-12	2012-13	2013-14	2014-15	2015-16
PG Classes					
M.Sc.(Agronomy)	100	100	100	100	100
M.Sc. (Horticulture)	100	100	--	100	100
M.Sc. (Agri. Economics)	100	--	--	100	100
M.Sc.(Botany)	100	100	96	100	100
M.Sc.(Hons)(Bio Tech)	--	--	--	--	100
M.Sc.(Chemistry)	100	92.85	100	100	100
M.Com.	89.28	100	100	100	100
M.Sc.(Comp.Sc.)	100	100	96	100	95.65
M.A. (Economics)	90.90	71.42	76.92	100	100
M.A. (English)	73.33	100	89.47	95.65	100
M.Sc.(Hons)(Food Tech)	--	--	--	--	100
M.Sc.(IT)	100	100	100	100	100
M.Sc.(Math)	52.94	100	86.66	97.8	95.38
M.A. (Pol. Sc.)	97.05	100	100	92.10	94.28
M.A. (Punjabi)	100	100	89.65	100	96.07
M.Sc.(Physics)	95.45	100	91.66	86.2	96.55
M.Sc.(Zoology)	100	95.23	88	100	100
M.Phil					
M.Phil. (Commerce)	--	--	--	--	100
M.Phil. (Punjabi)	--	--	--	--	100
M.Phil. (English)	--	--	--	--	88.89
M.Phil. (Pol. Sci.)	--	--	--	--	85.71
PG Diploma					
P.G.D.F.S. (B & I)	--	--	--	100	100
P.G.D.C.A.	--	--	--	80	88
UG Classes					
B.Sc.(Agriculture)	100	100	94.40	100	100
B.Sc.(Bio Technology)	100	100	78.57	100	100
B.B.A.	100	96.77	93.61	88.37	98.64
B.C.A.	100	91.54	98.11	96.92	96.82
B.Sc.(Comp. Sc.)	90.74	85.24	76.08	88.70	77.35
B.Sc.(Economics)	93.93	97.22	82.60	90	92.59
B.Sc.(Food Science)	100	100	100	100	97
B.Sc.(Fashion Desig.) – II Sem.	--	--	--	--	37.83

Programs	Success rate in percentage				
	2011-12	2012-13	2013-14	2014-15	2015-16
B.Sc.(Medical)	85.71	92.85	88.88	89.85	77.31
B.Sc.(Non Medical)	100	89.65	96.15	94.54	92.38
B.Sc.(Information Technology)	100	97.91	100	97.22	96
B.Com.(Regular)	88.63	92.10	77.77	82.92	81.81
B.Com. (Professional)	95.77	86.59	97.05	99	100
B.A. (J.M.C. – II Sem.)	--	--	--	--	79.31
B.A.	85.36	88.66	77.37	66.85	75.86
B.A. (Social Science)	--	--	--	--	82.50
B.P.T.	77.27	94.11	92.85	78.57	86.66
Diploma Courses					
D.R.M.S.	--	--	--	--	100
D.C.A.	--	--	--	--	76.47

Khalsa College is the only autonomous college affiliated to Guru Nanak Dev University Amritsar. The college runs all the programs offered by Guru Nanak Dev University successfully. Many college students have scored above the toppers of Guru Nanak Dev University in their final examinations.

5.2.2 Provide the percentage of students progressing to higher education or employment (for the last four batches) highlight the observed trends.

The following table shows the average of students progression for the last four batches:

Student progression	Percentage
UG to PG	39.10
PG to M.Phil.	4.78
PG to Ph.D.	4
Employed	
• Campus selection	10
• Other than campus recruitment	25
Entrepreneurship	8.76

5.2.3 What is the Program-wise completion rate/dropout rate within the time span as stipulated by the College/University?

Dropout Rate in Percentage

Programs	Dropout Rate %				
	2011-12	2012-13	2013-14	2014-15	2015-16
PG Classes					
M.A. (Economics)	13	16.6	0	2.32	4.16
M.A. (Pol. Sc.)	4.7	0	0	0	16.66
M.A. (English)	3.7	0	3.57	3.44	10
M.A. (Punjabi)	8.1	0	5.26	0	3.5
M.Com.	3.3	0	0	0	0
M.Sc.(Chemistry)	0	8.6	4	0	0
M.Sc. – II (Agronomy)	0	9.09	0	0	0
M.Sc. – II (Horticulture)	0	8.3	--	0	0
M.Sc.- II (Agri Economics)	0	--	--	0	0
M.Sc.(Comp.Sc.)	12.5	10	3.13	0	0
M.Sc.(IT)	15.5	5	4.88	0	0
M.Sc.(Physics)	3.45	3.4	0	0	0
M.Sc.(Botany)	8	0	0	0	0
M.Sc.(Zoology)	0	0	0	0	0
M.Sc.(Math)	0	16.6	2.85	0	0.75
M.Sc.(Bio Tech) – I			--	--	0
M.Sc.(Food Tech) – I	--		--	--	0

Programs	Dropout Rate %				
	2011-12	2012-13	2013-14	2014-15	2015-16
PG Diploma					
P.G.D.C.A.	--	--	--	0	0
P.G.D.F.S.	--	--	--	0	0
UG Classes					
B.A.	35.7	35.7	29.72	11.72	23.62
B.Com.(Regular)	15.3	8.40	13.97	8.3	3.7
B.Com. (Professional)	11.6	7.9	6.45	0.65	1.76
B.Com. (Hons.)	--	--	--	--	--
B.Sc.(Medical)	16	6.4	13.63	4.9	10.36
B.Sc.(Non Medical)	24	4.8	17.24	1.92	5.62
B.Sc.(Economics)	27	19.6	10.53	5.2	9.33
B.Sc.(Agriculture)	8.4	3.8	2.41	11.25	2.22
B.Sc.(Food Science)	17.6	0	8.8	11.11	4.44
B.Sc.(Bio Technology)	0	4.6	11.11	0	8.47
B.Sc.(Comp. Sc.)	17.14	25.4	19.3	8.77	6.41
B.B.A.	20	21.2	24.24	8	5.4
B.P.T.	8	10	3.57	17.24	15.38
B.C.A.	16.8	28.2	26.67	3.87	71.42
B.Sc.(Information Technology)	10.5	32.8	32.94	2.35	6.09
B.J.M.C.	--	--	--	--	2.85
B.Sc. FD	--	--	--	--	4.44
B.A. (Social Science)	--	--	--	--	2.38
Diploma Courses					
D.R.M.	--	--	--	--	0
D.C.A.	--	--	--	--	0

5.2.4 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE/CAT/GRE/TOFEL/GMAT/Central/State services, Defense, Civil Services, etc.

From 2011-12 to 2015-16 following number of students qualified in examinations:

UGC Net	Civil Services	GATE	Defence Services	State	Central
55	05	03	22	45	07

5.2.5 Provide details regarding the number of Ph.D/D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.

The following teachers of the various departments are guiding PhD. Students. The detail is as follows:

**Ph.D. Thesis
2011-12 to 2015-16**

Sr. No.	Ph.D. Supervisors	Completed	Ongoing
1.	Dr. Sukhdev Singh (Agriculture)	03	03
2.	D. J.S. Bal (Agriculture)	06	02
3.	Dr. Gurbax Singh (Agriculture)	01	04
4.	Dr. Narinder Deep Singh (Agriculture)	Nil.	03
5.	Dr. J.S. Arora (Commerce)	04	02
6.	Dr. Avtar Singh (Commerce)	01	Nil
7.	Dr. Taminder Singh (Physics)	01	Nil
8.	Dr. Jaswinder Singh (Zoology)	Nil	03
	Total	16	17

No thesis has been re-submitted or rejected in the last five years.

5.3 Student Participation and Activities

5.3.1 List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and program calendar.

The college offers a wide range of sports and number of participants in Inter college tournaments during the session 2012-13 to 2015-16 is given below:

S. No.	Game	2015-16		2014-15		2013-14		2012-13		2011-12	
		Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1.	Archery	04	7	-	04	-	-	-	-	03	-
2.	Athletics	23	12	23	-	21	-	17	-	15	-
3.	Base Ball	16	-	16	-	16	-	16	-	16	-
4.	Basket Ball	14	-	12	-	12	-	12	-	12	-
5.	Best Physique	07	-	03	-	-	-	-	-	03	-
6.	Boxing	12	-	12	-	12	-	12	-	12	-
7.	Canoeing	13	-	09	-	-	-	-	-	-	-
8.	Cricket	16	16	16	16	16	-	16	-	16	-
9.	Cross Country	08	06	09	-	09	-	09	-	09	-
10.	Cycling	12	04	08	-	10	-	04	-	10	-
11.	Fencing	11	07	07	04	07	-	08	-	07	-
12.	Foot Ball	16	-	16	-	-	-	-	-	-	-
13.	Wrestling F/S	06	-	03	-	-	-	-	-	04	-
14.	Gatka	08	05	07	-	07	-	06	-	08	-
15.	Greco Roman	05	-	-	-	-	-	-	-	-	-
16.	Gymnastic	04	-	-	-	-	-	-	-	-	-
17.	Hand Ball	13	-	11	-	12	-	-	-	-	-
18.	Hockey	16	-	16	-	16	-	16	-	16	-
19.	Judo	07	01	07	-	06	-	6	-	6	-
20.	Kabbadi N/S	12	-	12	-	12	-	12	-	12	-
21.	Kabbadi P/S	13	-	-	-	-	-	-	-	-	-
22.	Net Ball	14	-	13	12	13	-	13	-	11	-
23.	Power Lifting	01	-	-	-	-	-	-	-	-	-
24.	Rowing	07	-	08	-	-	-	-	-	-	-
25.	Soft Ball	15	-	15	-	15	-	15	-	15	-
26.	Taekwondo	10	04	08	-	-	-	-	-	-	-
27.	Tug Of War	09	-	-	-	-	-	-	-	-	-
28.	Volley Ball	12	12	12	12	12	-	12	-	10	-
29.	Water Polo	11	-	13	-	-	-	-	-	-	-
30.	Yachting	08	-	05	-	-	-	-	-	-	-
31.	Korf Ball	-	-	16	-	16	-	16	-	11	-
32.	Shooting	07	06	03	6	-	-	-	-	-	-
33.	Yoga	01	-	-	-	-	-	-	-	-	-
34.	Swimming	08	-	06	-	-	-	-	-	-	-
35.	Kho Kho	-	-	12	-	-	-	-	-	-	-
	Total	339	80	298	54	212	-	190	-	196	-

Program Calendar of Sports

- Selection of players on trial basis for different teams in the month of August. Notice for this purpose is displayed on the all notice boards.
- Rehearsals for different games from August to November/December.
- Participations in different events at Inter varsity, State and National level from October to January.

- Sports day is celebrated in the month of February/March.
- Diwali tournament in the month of October/November.
- Annual sports Prize Distribution in the month of February/March.

Extension Services:

- 4 units of NSS and 3 NCC wings (Airforce, Army, Navy) organise camps. Notices for enrolment in NSS/NCC are displayed on the notice board in the beginning of the session. Students are also motivated by the incharges in the classrooms to join extension activities.
- Activities of NSS and NCC take place from the month of August to April.

Cultural Activities

The department of Youth Welfare and Cultural activities offers various cultural items namely: Theatre, Folk Music, Folk Dance, Fine Arts, Folk instrumental events, Western Music, Classical and Light classical music (Vocal and instrumental), Literary events. The following table shows the participation of number of boys and girls students in the above mentioned items:

Number	2011-12	2012-13	2013-14	2014-15	2015-16
Boys	61	70	62	58	59
Girls	37	33	34	39	35
Total	98	103	96	97	94

Program Calendar of Cultural Activities

1. **Talent search** program is organized in the month of August to identify the talent of the students for making selection for different items. Notice for this is displayed.
2. **Rehearsals** for different events take place from August/September and October.
3. **Participation in youth festivals** in the month of October/November/December/ January.
4. **Promotion of cultural heritage** by organizing “Teez Mela”, “Baisakhi” in April and other cultural programs at different times.
5. **For the community service** our theatre group (Khalsa College Rang Manch) stages various plays and street dramas at different places outside the college on the relevant issues like drug addiction, women-victimization, female foeticide, terrorism, cultural crisis and environment etc. Our teams also participate in such programs organized by NGOs.
6. **Workshops** are conducted in collaboration with various Theatre Groups, National School of Drama and prominent artists.
7. **Prize distribution function** is organized to honour outstanding performers who can be source of motivation for the students.
8. **Leadership skills** are inculcated among students through participation in youth leadership training camps organized by Guru Nanak Dev University.

5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University / State / Zonal / National / International, etc.

Students who participate in NSS, NCC, Cultural Activities and sports are honoured for their outstanding performance.

SPORTS ACHIEVEMENTS

Session 2011-12

International and National

Sports	No. of Participants	Level	Medals/Positions		
			Gold	Silver	Bronze
Kabaddi	2	International	2	--	--
Athletics	1	National	2	1	--
Boxing	1	National	1	--	--
Total	4		5	1	
Inter College Competitions					
			Positions		
Boxing	12	Inter College	Winner	--	--
Athletics	15	Inter College	Runner up	--	--
Archery	03	Inter College	Third positions	--	--
Gatka	08	Inter College	Winner	--	--
Kabaddi	12	Inter College	Winner	--	--
Softball	15	Inter College	Winner	--	--
Cross Country	09	Inter College	Runner up	--	--
Cycling	10	Inter College	Third position	--	--
Korf Ball	11	Inter College	Third position	--	--

All India Inter-varsity Competitions

45 players of different games participated and won **08 Gold, 05 Silver, 03 Bronze medals.**

Session 2012-13

International and National

Sports	No. of Participants	Level	Medals/Positions		
			Gold	Silver	Bronze
Kabaddi	1	International	1	--	--
Soft Ball	2	National	2	--	--
Base ball	3	National	--	--	--
Inter varsity	48	National	2	1	3
Total	54		5	1	3
Inter college Competitions					
			Positions		
Boxing	12	Inter College	Winner	--	--
Athletics	17	Inter College	Runner up	--	--
Gatka	06	Inter College	Winner	--	--
Kabaddi	12	Inter College	Winner	--	--
Softball	15	Inter College	Runner up	--	--
Cross Country	09	Inter College	Runner up	--	--
Cycling	04	Inter College	3 third positions	--	--

Sports	No. of Participants	Level	Medals/Positions		
			Gold	Silver	Bronze
Korf Ball	16	Inter College	Winner	--	--
Base ball	16	Inter college	Runner up	--	--
Hockey	16	Inter College	3 rd position	--	--
Fencing	08	Inter College	3 rd position	--	--
Judo	06	Inter College	Runner up	--	--
Basket ball	12	Inter College	3 rd position	--	--

All India Inter Varsity Competitions

48 players of different games participated and won **02 Gold, 01 Silver** and **3 Bronzes** medals.

Session 2013-14

International and National

S. No.	Game	No. of Participants	Medals/Positions
1.	Soft Ball	06	06 Gold
2.	Basketball	01	01 silver (Jr. National)
3.	Athletics	02	01 Bronze (Jr. National)
4.	National Style Kabaddi	02	Nil
	Total	11	08

Inter College Competition

The college **got overall third position** in Guru Nanak Dev University, inter college championship as it has participated in 17 Guru Nanak Dev University Inter College Competitions and got 16 places for the year 2013-14.

Championships Winners: 5

1	Boxing	won 5th time in succession i.e. 2009-2014
2	National Style Kabbadi	won 4th time in succession i.e. 2010-2014
3	Gatka	won 2nd time in succession i.e. 2013-2014
4	Net Ball	won 2nd time in succession i.e. 2013-2014
5	Korfball	won 2nd time in succession i.e. 2013-2014

Runners Up: 2 Cross Country, Basket Ball

2nd Runners Up: 6 Athletics, Hand Ball, Volleyball, Fencing, Road Cycling, Track Cycling

All India Inter Varsity Achievements

S. No.	Game	No. of Participants	Medals/Positions
1.	Softball	06	06 Silver
2.	Boxing	07	01 Silver, 01 Bronze
3.	Gatka	06	04 Silver, 02 Bronze
4.	Athletics	04	Nil
5.	Netball	07	Nil
6.	Volleyball	03	Nil
7.	Basketball	02	02 Bronze
8.	Fencing	02	Nil
9.	Cross Country	02	Nil
10.	Baseball	06	Nil

S. No.	Game	No. of Participants	Medals/Positions
11.	Handball	01	Nil
12.	Hockey	07	Nil
13.	Korfball	05	Nil
14.	National Style Kabaddi	02	Nil
	Total	60	16

Session 2014-15

International and National

Mohit student of B.A. Sem. I participated in the 23rd World under 23 Canoe Sprint Championship held a Hungary from July 17 to 20, 2014.

Sushma Devi of PGDCA is member of Indian Cricket Team (Women) tour to England in August, 2014. She won home test series and T-20 held at Bangalore on 16-30th November 2014 against South Africa and 2nd in one day international.

National

S. No.	Game	No. of Participants	Medals/Positions
1.	Softball	05	05 Silver
2.	Athletics	01	1 created National record
3.	Dragon Boat	01	02 Bronze
4.	Canoeing	03	01 Silver, 02 Bronze
5.	Taekevando	01	01 Bronze
	Total	11	12

Inter College Competitions

Winners: 06

S. No.	Category	Number of events
1.	Men	04
2.	Women	02

Runner up: 13

S. No.	Category	Number of events
1.	Men	11
2.	Women	02

3rd Position: 06

S. No.	Category	Number of events
1.	Men	05
2.	Women	01

All India Inter Varsity Achievements

S. No.	Game	No. of Participants	Medals/Positions
1.	American football	03	03 Gold
2.	Archery(W)	02	01 Gold
3.	Athletics	04	Nil
4.	Baseball	08	Nil
5.	Basketball	02	Nil
6.	Boxing	08	01 Bronze
7.	Canoeing	03	05 Gold, 08 Silver
8.	Cricket (W)	07	07 Gold
9.	Cross Country	02	Nil
10.	Fencing (W)	01	Nil

S. No.	Game	No. of Participants	Medals/Positions
11.	Gatka	02	02 Silver
12.	Gatka (W)	01	02 Silver
13.	Handball	04	Nil
14.	Hockey	02	02 Silver
15.	Judo	01	01 Gold
16.	Kabaddi N/S	01	Nil
17.	Kayaking	04	03 Gold, 05 Silver, 01 Bronze
18.	Kho-Kho	04	Nil
19.	Netball	07	Nil
20.	Rowing	01	Nil
21.	Shooting (W)	01	Nil
22.	Softball	04	Nil
23.	Swimming	01	Nil
24.	Taekwondo	03	Nil
25.	Volleyball	01	Nil
26.	Volleyball (Women)	01	Nil
27.	Water Polo	04	Nil
28.	Yachting	01	Nil
	Total	82	41

Session 2015-16

International

Sneh Rana of cricket (women) team won championship at T-20 tournament against Newzealand held at Bangalore from June 28, 2015 to July 8, 2015.

Snehal Diwakar of Archery participated in World Cup held at China from 3rd to 11th May, 2015 & World Cup held at Turkey from 24th May to 2nd June, 2015.

Harsahib Singh (Hockey) participated in hockey tournament organize by Yuba Brother Field Hockey Club at Yuba city USA and declared most valuable player.

National

Sr. No.	Game	No. of Participants	Position
1.	Archery	01 Sr. National	01 Silver
2.	Taekwondo	02 Jr. National	02 Gold
3.	Shooting	03	03 Gold, 03 Silver
4.	Cycling	02	02 Silver, 01 Bronze in Sr. National & Jr. National
5.	Softball	02	01 Gold
6.	Volleyball (Women)	02 in Sr. National	Nil
7.	Kayaking	01	01 Silver
8.	Caneoing	01	01 Bronze
9.	Fencing (Women)	01 Sr. National	01 Bronze
	Total	15	16

All India Inter Varsity and National Medals

Sr. No.	Game	No. of Participants	Position
1.	Archery Compound	05	04 Silver, 01 Bronze
2.	Canoeing & Kayaking	02	05 Gold(K), 03 Gold(C), 02 Silver(C)
3.	Cricket (Women)	12	12 Gold (AIU), 01 Gold (International)
4.	Cycling	03	04 Gold, 02 Silver, 01 Bronze
5.	Fencing	04	01 Gold, 04 Bronze

Sr. No.	Game	No. of Participants	Position
6.	Gataka	06	03 Silver, 07 Bronze
7.	Hockey	06	05 Gold, 05 Silver
8.	Judo	01	01 Gold
9.	Kabaddi (Punjab style)	01	01 Bronze
10.	Shooting	05	07 Gold, 04 Silver
11.	Taekwondo	04	04 Gold
12.	Water Polo	05	05 Bronze
13.	Yatching	01	01 Gold
14.	Softball	02	02 Gold
	Total	57	85

All India Inter Varsity and National Participation

Sr. No.	Game	No. of Participants	Position
1.	Athletics	04	Nil
2.	Archery	01	Nil
3.	Baseball	06	Nil
4.	Softball	05	Nil
5.	Basketball	03	Nil
6.	Best Physique	01	Nil
	Total	20	Nil

Inter College Championships 2015-16

Winner

Sr. no.	Category	No. of events
1.	Men	14
2.	Women	04

Runner up

Sr. no.	Category	No. of events
1.	Men	07
2.	Women	02

Third position

Sr. no.	Category	No. of events
1.	Men	09
2.	Women	03

Cultural Achievements

Session 2011-12

- The college won second **Runners-up trophy** in the zonal youth festival in which it won positions in Jhoomer, Bhangra, Gidha, Folk orchestra, Group Shabad, Kavishri, Folk Song, Cartooning, Clay Modeling, Photography etc.
- The college also performed in various International and State level events like world cup kabaddi, International theatre festival organized by National School of Drama.

- Gidha was performed on Doordarshan on the occasion of Punjab Day.
- Vipin Kumar, a theatre artist of the college got selected in NSD.

Session 2012-13

- The college won **Runners-up trophy** in zonal festival in Guru Nanak Dev University.
- In Inter-Zonal festival college Bhangra, Jhoomer, Kavishri, Orchestra teams won first position.
- In January 2013, the college cultural team participated in Punjab State Inter varsity youth festival and represented GNDU in four events. The college Bhangra, Jhoomer, Kavishri team got first position and folk orchestra got third position.
- Folk orchestra also won accolades by performing in International Sufi Festival organized by Sangeet Natak Academy and Punjab State Tourism.
- Mandeep Singh, a theatre artist got selected in NSD.
- Ajaydeep Singh was declared best camper in youth leadership and Hicking Trekking camp held at Dalhousie in June 2013. The college team was declared second best discipline team and secured positions in Music, Extempore, Skit and Dance events in the camp.

Session 2013-14

- The college won **Runners-up trophy in Zonal Youth Festival** of Guru Nanak University.
- Participated in Hicking and Trekking for boys and girls camps and won positions in skit, debate and dance and won prize for the best discipline team in the camp.
- The college hosted a cultural event “Sur-Sangam” in November 2013 in which “Mariachin Flor De toloache”, an instrumentalist musical group from New-York performed along with college artists.
- Bhangra and Jhoomer teams performed at Virasat Mela organized by District Administration at Virsa Vihar.
- The college Jhoomer team gave performance in a Punjabi movie “**Angrej**”.

Session 2014-15

- The college won **Runners-up trophy** in Zonal Youth festival of Guru Nanak Dev University. College participated in 31 events and won 21 positions in all.
- The college won 11 positions in Inter Zonal festival out of 15 in which it participated.
- Jhoomer team won first positions in two Intervarsity Youth Festivals organized by LPU Phagwara and Punjab Kala Prashid.

- The college dance and theatre teams gave performances in National Tourism Conference, New Delhi.
- Street plays were performed in the city on various social issues.
- The college Gidha team performed at Doordarshan Jalandhar.
- In Alumni Meet performance of students in different events.
- Our Theatre Group staged one act plays in girls hostel, Punjab Natshala and Preet Nagar.
- The college organized five days theatre workshop sponsored by N.S.D. in collaboration with “Dastak” theatre group.
- Street plays on Social issues and environment in collaboration with Punjab State Cultural Department were staged.
- A play on agricultural awareness at “Plant fest” was staged in the department of Agriculture.
- A three day fine arts workshop in collaboration with Pedilite International February 2015.

Session 2015-16

- The college won **Runners-up trophy** with 5 first positions and 12 second positions in various events.
- A District level elocution competition was organized by the college in collaboration with Nehru Yuva Kendra.
- Our students won first prize in State level elocution competition organized by Nehru Yuva Kendra.
- Our students participated in Great Britain Debate Competition at Chandigarh.
- The college Jhoomer team got second prize in Punjab State intervarsity Heritage Festival.
- In group shabad competition organized by Guru Gobind Singh study circle our college won the first prize.
- Gidha team participated in “Kanya Lohri” festival organized by Sikh Smaj Rajasthan in Jaipur.
- One act play on generation gap and drug abuse was staged by our students at Virsa Vihar and Punjab Natshala.
- Our student won the prize for the best Bhangra performer and the best actor in Zonal Youth Festival.
- Our student participated in Open National Youth festival.
- Our student was honoured with Gursharan Singh Theatre Award 2016, for Best Student Actor by Punjab Natshala.
- In Hicking Trekking camp boys and girls of the college participated and won positions in dance, debate, poetic symposium and best camper and best discipline team.

Achievements of NCC/NSS

NCC Naval Unit

Session	No. of Camps	No. of Cadets
2012-13	02	44
2013-14	02	26
2014-15	04	07
2015-16	06	37

NCC Army Wing

Session	No. of Camps	No. of Cadets	Medal
2013-14	02	20	01
2014-15	04	24	-
2015-16	03	17	One attended Guard of honour

Activities for the session NCC Air Wing

Session	No. of Camps	No. of Cadets	Medals
2013-14	03	28	01 Gold 01 Silver
2014-15	03	20	1 st and 3 rd position, 1 Gold and 1 Silver medal in Firing Competition
2015-16	03	02 participated in Republic Day Parade	
		04 Participated in Firing competition	
		25 Participated in CATC and appeared in 'B' & 'C' exam	

NSS Activities

	2013-14	2014-15	2015-16
Date and Events	<ul style="list-style-type: none"> May 31, No Tobacco Pledge Day celebrated; Handsome amount towards Prime Minister's National Relief Fund for Uttarakhand food victims contributed August 23, National Sadbhavana Diwas celebrated September 6, one day seminar regarding legal services October 1-7, seven day camp organized, 200 trees planted: October 8, one day free medical checkup, Van Maha Utsav organized, 100 tree planted in hostels 	<ul style="list-style-type: none"> March 16, one day mock drill/ seminar, Seminar by NDRF: December 17-23, seven day camp November 19-25, Communal Harmony Campaign observed November 5, Cleanliness Drive during Nagar Kirtan, November 2, Rally under SWEEP PROJECT-2 organized October 31, Rastriya Ekta Diwas celebrated on the birth anniversary of S. Vallabh Bhai Patel: October 29, Blood Donation camp 200 students participated; 	<ul style="list-style-type: none"> August 4, 50 NSS volunteers donated blood at Blood donation camp at Pingalwara: August 27, one day seminar on Women Health; February 1, one day seminar on "Depression Among Young": February 23-29, Seven Day camp organized 60 students participated: February 23-27, Five day Blood Testing Camp organized 1200 students participated: February 5, one day Blood Donation Camp 125 students donated blood:

	2013-14	2014-15	2015-16
		<ul style="list-style-type: none"> • August 20, Sadhbhawna Diwas and a Seminar on Traffic Rules and regulations, • August 15, Independence Day celebrated: • August 7, Guest lecture on “Female Health” 	<ul style="list-style-type: none"> • October 28, Blood Donation Camp 150 students donated blood

5.3.3 How often does the college collect feedback from students for improving the support services? How is the feedback used?

The students give their feedback to their tutors in the tutorials which are submitted to the heads of the departments and it is submitted to the principal by the concerned head of department. Complaint/suggestion box is made available outside of the principal office. The feedback is used for planning administrative and academic programs.

5.3.4 Does the college have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the college?

There is a mechanism to get proper feedback from students. The students are asked randomly to fill performa in forms evaluating the institution and also the teaching faculty. During convocation graduates and post-graduates give their views by filling in performa’s. The employers always contribute and extend a helping hand for any step to be taken for the growth and development of the institution. PG alumni are members of various Board of Studies. Their suggestions serve as an objective tool to introduce need based changes curriculum of various courses.

5.3.5 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the previous academic session.

- The college magazine “Darbar” is a regular feature of students’ contribution. Students contribute in forms of articles, poems, short stories etc. To train and motivate them, they are appointed as student editors for different sections.
- Students display articles, reading/informative materials for other students on wall magazines.

5.3.6 Does the college have a student council or any similar body? Give details on its constitution, major activities and funding.

The student council consists of university and college toppers. The college has department wise societies. The students are elected as President, Secretary and Finance Secretary with senior faculty members as the convenors of the society. The societies can have 50-70 members as volunteers. Rs. 100 is charged as membership fee.

5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities.

Following are the academic and administrative bodies have student representations:

- **Toppers Club:** Consists of toppers of all classes (U.G. to P.G.) as its members. They hold meetings with faculty members and the principal and give suggestions for the improvement. They are encouraged to help weak students.
- **Hostel Administration:** Each wing of girls/boys hostel has a head girl/boy and a prefect who acts as a bridge between the wardens and hostellers to maintain discipline and resolve the problems. In addition they supervise mess and canteen and also organize cultural activities with the help of superintendent. Hostel Gurdwara committee consist of head girl and prefects who manage hostel Gurdwara affairs with the help of superintendent.
- **Various Committees:** Mess committee, canteen committee, discipline committee are constituted with students as members for smooth running of hostel affairs.
- **Departmental Societies and Clubs** consist of teacher incharges and student as members. Students under the able guidance of their respective teachers actively participate in organising seminar, workshops, competitions etc.
- **Library Committee** also has students as members.
- **NCC and NSS** has a large number of students as its members.
- **Students as Members of Discipline Committees** perform their duties during the procession on the eve of Guru Nanak's Birth celebration and other functions organized in the college from time to time.
- **Gender Champions Club:** Gender Champions Club has been formed for the session 2015-16. Dr. Sawraj Kaur and Dr. Parminder Singh are acting as Nodal teachers for the club. Thirty four members have been selected as representatives of different departments of the college.

Activities of Gender Champions Club during 2015-16

- Poster presentation during Tech-Fest organized in the college on 30th March 2016.
- Mandeep Singh from Computer Science department participated and stood first in Declamation Competition organized by Punjabi Sahit Sabha, Khalsa College Amritsar on 15th April 2016.
- Organized a guest lecture on the topic "Sensitizing Gender Champions on Gender Issues" on 16th April 2016. Dr. Gurpreet Kaur Bal, Professor and Head, Department of Sociology, Guru Nanak Dev University, Amritsar was the key speaker. Our students actively participated in discussion during the lecture.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the college.

Vision

Khalsa college is an emblem of rich history and cultural heritage. It finds inspiration in the lofty ideals of its founding fathers who have always advocated a progressive attitude of mind, giving up all that is dogmatic, according due value to intelligence and logic. The college was visualized as a place of learning that would strive towards ever higher degrees of excellence in the development of the mind and spirit. Khalsa college prides itself on associating with and nurturing highly intelligent, inspired and hard working personalities. Progress is our watch word and academic achievement our measure of success. A sense of grandeur and beauty pervades the campus.

Mission

Khalsa College has justified the faith and trust of its founding fathers by synchronizing tradition with modernity. The mission of the institute is:

- To provide higher education with the focus on transformative education in the context of globalization.
- To provide opportunities for educational, vocational, professional, social, linguistic and cultural development to the people of all abilities and backgrounds so that they can discover their potential and fulfill their aspirations.
- To develop multidimensional personality of the students by providing an opportunity to participate in religious, cultural, co-curricular, theatrical, literary and sports activities.
- To value originality and vision, encourage initiative and promote creativity.
- To instill a sense of pride and achievement of personal accomplishments.

6.1.2 Does the mission statement define the college's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, college's traditions and value orientations, vision for the future, etc.?

- The college aims in designing professional and other job oriented courses which help in easy absorption of the students in the market. Almost all the students pursuing Agricultural, Food Science and Technology, Physiotherapy courses are absorbed in the market. The rate of placement of students of commerce and science streams is also high.
- The college also encourages the students to participate in religious, cultural, co-curricular, literary and sports activities which help them in their multidimensional personality development.

- Lectures, seminars and other activities such as NSS camps, NCC camps, tree plantation drives are organized regularly to acquaint students with social values and their responsibility towards the society.
- Each academic session of the college starts by seeking blessings of Almighty with “Arambhik Ardaas Diwas”. The session concludes with “Shukrana Diwas” in the month of April.
- To acquaint students with Indian traditions and values, regular lectures on divinity are organized. They are also made aware of our traditions and values during the tutorials conducted from time to time. Major festivals such as Diwali, Baisakhi and Teean are celebrated. Inter College Diwali Sports tournaments and fairs (melas) are also organized.
- The college runs short term employment oriented certificate and diploma courses which have proved beneficial to the society.
- The college also offers vocational training program for under privileged and poor women of society under its lifelong learning program to train women in cutting, tailoring, food preservation etc.

6.1.3 How is the leadership involved in ensuring the organization’s management system development, implementation and continuous improvement?

The leadership is involved in ensuring the formation and functioning of statutory bodies as per UGC guidelines. The decisions taken by statutory bodies are implemented through Deans and Heads of Departments. The implementation of suggestions given in the meetings is reviewed in the subsequent meetings.

- **Interaction with stakeholders?**

(a) Faculty: The Principal regularly organises staff meetings to apprise them about developments in the college. Feedback from staff members on academic and other issues is also taken.

(b) Students: Organising tutorials is a regular feature of the college. During these tutorials the tutors update students about the policies/decisions and other developments in the college. They are also motivated to share the problems faced by them at department and college level. Apart from this, students meet the HODs, Deans and the Principal as and when required.

(c) Parents: Parent teacher meets are organised to update parents about their ward’s performance. Their feedback about teaching methods, syllabus and overall academic environment is also sought during these meets.

(d) Society: Representatives of the various sections of the society are members of college statutory bodies. Their suggestions and feedback are considered while framing the academic policy of the college.

- **Reinforcing culture of excellence?**

The college through its Subject Societies encourages the students to organise and manage various academic and non-academic activities. It helps in developing and polishing the managerial skills of students. The college also organizes inter-college competitions in debate, declamation and quiz etc.

To motivate the students to excel in academics, the college honours students who score above University toppers in final examination. 63 such students were honoured during the session 2015-16.

To instill culture of excellence students are motivated and encouraged to participate in youth festivals, sports competitions etc. The winners of these events are given incentives by the college.

• **Identifying needs and championing organizational development (OD)?**

Regular feedback of the students in classes/tutorials and at the time of convocation acts as a tool to identify the needs of the students and also the shortcomings in the college from different perspectives. On identifying such needs the college has taken various steps such as starting up of new employment oriented courses, setting up of better infrastructure, more drinking water points with RO facility, increased capacity of college dispensary, increased sitting capacity of college main library and setting up of new libraries in various departments. All these steps have contributed to the development of the college.

6.1.4 Were any of the senior leadership positions of the college vacant for more than a year? If so, indicate the reasons.

No senior leadership position of the college is vacant. Any vacancy created in any leadership position is immediately filled.

6.1.5 Does the college ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

All the positions in college statutory bodies are filled. Meetings of all these bodies are conducted at stipulated intervals. A brief outline of these bodies and meetings convened by them is given hereunder:

Name of the Body	Date of Meeting			
	2013-14	2014-15	2015-16	2016-17
Governing Body	05-07-13	19-04-14	29-05-15	19-04-16
Academic Council	04-12-13	14-10-14 24-01-15	09-11-15 26-03-16	18-02-17
Finance Committee	15-04-14	21-03-15	25-03-16	25-03-17
Board of Studies	23-11-13	30-09-14	12-09-15 13-02-16	17-09-16 11-02-17

6.1.6 Does the college promote a culture of participative management? If yes, indicate the levels of participative management.

- The college management holds a meeting after every two months wherein Principal of the college and two staff representatives participate and give suggestions to the management to enable it to take decisions related to the college.
- Faculty members have been appointed as members of various statutory bodies as per UGC guidelines.

- The college promotes culture of participative management both at the department and college level. The organisational structure of the college is an indicator of a culture of participative management. The Principal regularly holds meetings with faculty, Deans and Heads of Departments to discuss the matters related to college administration and seeks their suggestions to resolve such issues.
- Regular meetings of the departments with proper agenda are convened under the chairmanship of HoDs of respective departments. Suggestions are taken from staff to help the department in providing better facilities to the students.
- The Principal also conducts regular staff meetings wherein the challenges in dealing with certain problems are discussed. Suitable suggestions given by staff are made part of the policy designed to handle such issues.
- At the non teaching level, the Registrar takes care of matters related to administration in consultation with the Principal.

6.1.7 Give details of the academic and administrative leadership provided by the University to the college?

- Since the award of Autonomous Status, the affiliating university has always supported and guided the college authorities in introducing and designing new courses. As University teachers are members of Boards of Studies of the college, their valuable suggestions are duly considered in redesigning of the syllabi of the respective departments. The Vice-Chancellor's nominees being members of College Academic Council and Governing Body also guide the administration.
- The university has provided academic and administrative leadership to the following faculty members of the college:
 - S. Rajinder Mohan Singh Chhina, the Secretary of the Governing Body is the senate and syndicate member of the affiliating university.
 - Principal, Dr. Mehal Singh is presently the member of the affiliating university's sports committee.
 - Prof. Sukhdev Singh (Agriculture) has been appointed as Dean, Agriculture by Guru Nanak Dev University. He is also member of syndicate of affiliating university.
 - The university has appointed Dr. M.S. Batra (Chemistry) as executive member of GNDU Alumni Association.
 - Dr. Iqbal Singh (Physics) has been appointed as member of Senate of Guru Nanak Dev University.

6.1.8 How does the college groom the leadership at various levels?

- (a) Students:** Departmental subject societies are managed by students of concerned departments. President, Secretary and Finance Secretaries of the societies are elected by the students. The students, under the able guidance of the teachers incharge manage the meetings and events of their departments.
- (b) Teachers:** Faculty members perform additional duties. Registrar, Deans of Faculties, Deputy Controller of Examination, Directors of various cells,

Conveners and Coordinators of various college committees are from staff members. Most of the teachers are members of administration committees with a convener as its leader. They submit a report of the activities of their respective committee to the authorities.

- (c) **Administration:** The college appoints office bearers to oversee the various functioning of the college. Apart from this, committees have been formed for performing different activities of the college wherein the staff members are appointed as members.

6.1.9 Has the college evolved any strategy for knowledge management? If yes, give details.

Microfilming of 80 newspapers (since 1904), annual reports (1913–2013), college magazine Darbar (since February 1913) and rare books available in the Sikh History and Research Department has been done to preserve them. The college has installed bar coding system in library for easy access of the books. Digitalisation of rare books and manuscripts has been done. In order to update the students towards recent developments and emerging concepts, the college library procured the following during the last four years:

Particulars	Number	Amount Spent (Rs.)
Text Books	8794	31,03,679
Reference Books	101	1,42,120
Journals	54	98,258
CDs & Videos	25	---

The college has also subscribed to National Knowledge Network (NKN) for enriching the students and faculty members. Reprographic facility has been provided in the library to manage and preserve important material. College also motivates teachers to upload e-lectures on e-governance portal for easy access of the students. This portal acts as one point spot for capturing, developing, sharing and effective use of information.

6.1.10 How are the following values reflected in various functions of the college?

- **Contributing to national development**

The college contributes to national development by offering wide range of courses catering to the needs of various sections of society. The college has activities under NSS, NCC, Red Ribbon Club through which outreach programs are undertaken in community. College gives coaching to Civil Services and other competitive exams aspirants. Many of college alumni are serving at top positions of various sectors and hence contributing to the national development. College also has the honour of producing Olympians, International, National and State level sports persons.

- **Fostering global competencies among students**

Being an Autonomous College, many changes in the curriculum have been made by most of the faculties keeping in mind the International demands. The college aims at including practical training in as many courses as possible which

will help in developing skills of the students. The college also arranges personality development, IELTS and Spoken English classes for fostering global competences amongst students.

- **Inculcating a value system among students**

To inculcate a value system amongst students, extension lectures and seminars are organized in the college. Faculty from Sikh History and Research Centre visit different classes on regular basis and inculcate moral values by delivering lectures on divinity. College also organises seminars cum interaction sessions of staff and students on certain issues such as AIDS, Drug De-addiction, Women Health Environment where experts from respective areas are invited. The departments organize inter and intra college competitions to promote team spirit and tolerance among students. The college also organizes orientation programs and motivational lectures to inculcate value system among students.

- **Promoting use of technology**

The college has set up fully equipped smart class rooms in the department of Chemistry, Physics, Agriculture and Commerce. Computer labs with required number of systems have also been setup in various departments. Students are encouraged to use technology for seminars and presentations for which projectors have been provided to all departments. All the departments are equipped with internet connectivity for use by the students and faculty members. College has established UGC-CPE funded centralized fully equipped computer lab for the use of students.

- **Quest for excellence**

The college has formed 21 societies which are managed by students of respective department. Arranging various activities under the banner of these committees develop managerial skills among students. The college also has Career Guidance Cell for guiding the students for preparation of competitive exams such as civil services and NET where students from within the college as well as other colleges are allowed to take admission. These services are provided to students at highly subsidised rates. College has two research journals with ISSN numbers published bi-annually.

6.1.11 Give details of the UGC autonomous review committee's recommendations and its compliance.

The college was conferred Autonomous status in July 2013. The visit of review committee is due in 2017.

6.2 Strategy Development and Deployment

6.2.1 Does the college have a Perspective Plan for development? If so, give the aspects considered in development of policy and strategy.

The college has prepared comprehensive plan for overall development. The key aspects considered are as follows:

- **Teaching and learning**

The college encourages its teachers to participate in Faculty Development Programmes, for which, duty leave is granted to them. To enrich and upgrade the

knowledge of teachers, college has subscribed to various research journals and periodicals, which are available in the main and departmental libraries. The college library procured 8895 text and reference books costing Rs. 32,45,799/- during the last four years. To update the students with recent developments, all the departments have made suitable changes in the curriculum. Inclusion of training and seminars in courses provide technical edge to the students. College has introduced inter disciplinary subjects in M.Phil., B.A. (Social Science), Master in Performing Arts, B.A. (Hons.) in English and Punjabi with an aim to develop intellectually stimulating learning environment.

- **Research and development**

In an effort to foster serious research in college, M.Phil. program in Commerce, English, Punjabi and Political Science has been introduced. Through its Research Committee the college motivates the teachers to apply for research projects. Free internet access, printout and photostat facility have been provided to teachers within their departments. Due to these efforts 3 major and 9 minor research projects have been completed during last four years. 4 major research projects are still in progress. During the session 2016-17, 4 minor research projects of Rs. 13,34,350/- were sanctioned by UGC. College plans to establish faculty wise research centres in future.

The college also took the initiative to publish research journals. Two research journals (Punjabi and Science) are being published and three research journals (Agriculture, Commerce and Social Sciences) are in pipeline. Both the published journals have been indexed by National Science Library.

- **Community engagement**

OPD in Physiotherapy department, Farmer Training Centre, Bone Testing Camp, Blood Group Testing Camp, Blood Donation Camp, Polio Eradication Awareness Rally, Life Long Learning Centre etc. are part of college policy of community engagement. The college also organises Voter Awareness Rally to sensitize the community toward their voting rights. Every year the college NSS units organizes seven day camp wherein the students visit nearby villages and provide community service.

- **Human resource planning and development**

The requirement of the faculty of various departments is requisitioned before the start of the session. The posts are advertised and filled by conducting interviews. The appointment of any person on the job is done on the basis of eligibility criteria notified by UGC/DPI/Government/University. Faculty members are motivated to attend refresher courses, general orientation courses, workshops, faculty development programs, seminars etc. The college provides duty leave to faculty members for attending the same.

- **Industry interaction**

The college has an Industry Linkage Cell. Leading industrialists are invited in college to know their expectations and requirements from educational institutions. Persons from industry are also members of Board of Studies of different departments. Their suggestions are considered while designing the

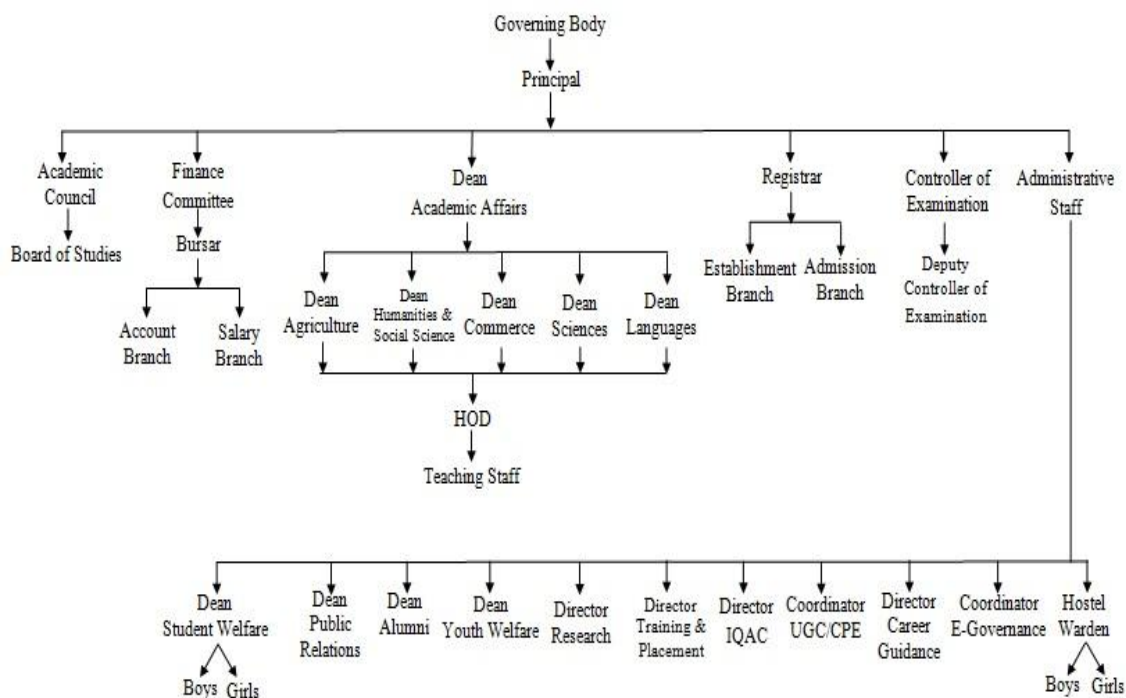
curriculum. Inclusion of training and submission of project report as per industrial requirements has been made in suitable existing programmes.

• **Internationalisation**

The college has signed an MoU with ‘Sarbat Da Bhala Trust’ based in New Delhi. The trust has undertaken to sponsor 75% of the fees of 50 students who pursue Diploma in Gatka. The trust has paid Rs. 11,25,000 during the session 2016-17. Another MoU with Punjab Agriculture University regarding production of seeds in college has also been signed. To promote and develop Cricket in the college, an MoU was signed with Punjab Cricket Association.

6.2.2 Enunciate the internal organizational structure of the college for decision making processes and their effectiveness.

The college has developed organisational structure keeping participative management in consideration.



The Dean, HoDs and Incharge of various committees are responsible for completion of work assigned to them. The effectiveness of the work done is ensured in meetings of BoS and Academic Council.

6.2.3 Specify how many planned proposals were initiated/implemented during the last four years. Give details.

During the last four years, the college not only planned but successfully executed many proposals. Here under is the detail of various projects initiated by the college:

• **Infrastructure:**

Details of Expenditure on Building and Maintenance					
Sr. No.	Name of the Building/ other	Expenditure 2014-15 (Rs.)	Expenditure 2015-16 (Rs.)	Expenditure 2016-17 (Estimated cost in Rs.)	Total (Rs.)
1.	Renovation of Principal Residence	979074	0	---	979074
2.	Construction of Footpath	1402514	0	---	1402514
3.	Renovation of Main Hall	24000	168150	---	192150
4.	Renovation of Open Stage	1335275	0	---	1335275
5.	Renovation of Agriculture Roof of Auditorium	214734	0	---	214734
6.	Construction of Boundary Wall & Grill Work	1615427	2421186	---	4036613
7.	Interlocking Tiles in College Campus	1768339	3166707	---	4935046
8.	Edge Flooring in Front of Chemistry block	---	86736	---	86736
9.	Cycle Parking near Women College	---	238408	---	238408
10.	Granite Flooring in College Porch	---	810549	---	810549
11.	Vitrified Tiles (Chemistry Deptt.)	---	1077492	---	1077492
12.	Vitrified Tiles (Physics Deptt.)	---	955356	---	955356
13.	Flooring near Physics & Chemistry Department	---	272075	---	272075
14.	Poly Carbonite Sheets for Two Water Coolers	---	215529	---	215529
15.	Const of Parking in Agriculture Department	---	919786	---	919786
16.	Renovation of Old Agriculture Building	---	2933983	---	2933983
17.	Renovation of Chemistry Lab.	---	651157	---	1851157
18.	Construction of New Admission Block	---	41748624	---	41748624
19.	College Canteen	---	10689240	---	10689240
20.	Dispensary	---	7523721	---	7523721
21.	Car Parking in Dispensary	---	103200	---	103200
22.	Water Coller Room	---	350384	---	350384
23.	Business Management School	----	17353068	---	17353068
24.	Extension of Library	---	529441	---	529441
25.	Security Guard Room	---	32550	---	32550
26.	Boundary Walls & Grill Work of Boys Hostel	208634	3273811	---	3482445
27.	Renovation of Mess	108260	321591	---	429851
28.	Construction of Girls Hostel Guest Room	---	7176752	---	7176752
29.	Renovation & Const. of Faridkot Hostel	---	4346247	---	4346247

Details of Expenditure on Building and Maintenance					
Sr. No.	Name of the Building/ other	Expenditure 2014-15 (Rs.)	Expenditure 2015-16 (Rs.)	Expenditure 2016-17 (Estimated cost in Rs.)	Total (Rs.)
30.	Renovation of Girls Hostel	---	138835	---	138835
31.	Bricks Work of Boys Hostel	---	574000	---	574000
32.	Const. of Jind Hostel	---	2657725	---	2657725
33.	RCC Sheet of Main Varandhaw	---	457657	---	457657
34.	Const. of Physics Bath Rooms	472889	0	---	472889
35.	Construction of Bio Tech Building	1029851	2686089	---	3715940
36.	Renovation of Boundary Wall & Grill Work	---	110748	---	110748
37.	Botanical Garden	---	225842	---	225842
38.	Building of Physiotherapy Deptt.	---	---	---	0
39.	Main Library Extension	---	---	60,00,000	60,00,000
40.	Agriculture Department Extension	---	---	95,00,000	95,00,000
41.	Commerce and Business Management Department	---	---	6,34,18,432	6,34,18,432
42.	Sikh History Department	---	---	5,32,37,350	5,32,37,350
43.	Girls Hostel	---	---	5,76,28,714	5,76,28,714
44.	Administration Block	---	---	5,13,13,000	5,13,13,000
	Total	91,58,997	11,42,16,639	24,10,97,496	36,44,73,132

- **New Courses:** Apart from offering core subjects in various faculties, research degree programs in Commerce, English, Punjabi and Political Science have been commenced in 2015. Certain courses with better prospects of employability such as Bachelor of Journalism and Mass Communication, B.Sc. in Fashion Designing and M.Sc. (Pharmaceutical Chemistry) have also been introduced. A number of new PG and UG Diplomas have also been started by the college.

6.2.4 Does the college have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

The college has designed its quality policy. College has established IQAC for regular review of the quality standards of teaching in college.

- **Designing of Quality Policy**

Quality policy is designed in meetings of all Heads, Deans and other Administrators under the chairmanship of Principal and is duly approved by statutory bodies.

- **Deployment of Policy**

It is deployed through the concerned HoD's who convey the policy to staff members in departmental meetings.

- **Review of Policy**

The policy is reviewed in regular meetings of statutory bodies.

6.2.5 How does the college ensure that grievances/complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

The college handles the grievances of the students and staff on priority bases in different ways:

- **At Student Level**

The grievances of the students as reported to class incharge, HoD, Deans, Principal or in tutorial groups are analyzed by a committee constituted by the Principal. The issues at college level are resolved under the guidance of the Principal and at departmental level by the concerned Head/Dean. Informal feedback from students is also taken by the Principal from time to time.

- **At Staff Level**

To address grievances of staff the college has formed Grievance Appeal Committee. To resolve any such issue related to students, college has appointed Dean Students Welfare for both boys and girls. Any complaint received from staff or/and student is immediately referred to the concerned committee. The redressal is done at the earliest.

6.2.6 Does the college have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

The college takes feedback from students at various levels. A committee of senior faculty members analyzes student feedback on institutional performance. The committee discusses the suggestions of students with the Principal. The administration responds and necessary steps are taken to start new courses, building new class rooms, separate cafeteria, new hostels, clean roads, clean water by adding RO system at different locations and upgradation of labs on the suggestions of students.

6.2.7 In what way the affiliating University helped the college to identify the developmental needs of the college?

Nominees from affiliating university are members of various BOSs, Academic Council and Governing Body. They give their suggestions on developmental, curriculum and other latest issues which are duly incorporated in the policy of the college.

6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, In what way college is benefitted.

The affiliating university has a functional College Development Council. The Principal of college is member of CDC. He discusses problems of college in CDC meetings and tries to get these resolved from university administration.

6.2.9 How does the college get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilized?

- Regular meetings of teaching and non-teaching staff are conducted by the Principal and HoDs wherein feedback on the working of the college is taken.
- Every year alumni meet is organized to take feedback and suggestions of Alumni.
- Parent teacher meets are organized during the session, where the parents are provided feedback on their ward's performance. Their feedback on college working is also taken.
- The relevant feedback is discussed by the Principal with the management as well as with the office bearers, Heads/Deans to take remedial measures.

6.2.10 Does the college encourage autonomy to its academic departments and how does it ensure accountability?

- College has given full autonomy to its departments to make suitable changes in syllabi considering present needs of the society. Introduction of new programs are also proposed by the departments through its BOS for consideration for approval by Academic Council.
- The college has given freedom to the heads to manage their respective departments. They have been given free hand in adding to and improving the infrastructure of their departments. The appointment of adhoc staff is done on the recommendation of the heads of respective department.
- At the end of each session, college gets the Self Appraisal Performa filled from every department and faculty members. This information is analysed by a committee of senior faculty members dully constituted by Principal. Academic Audit Committee conducts the audit of departments on the basis of information provided by HoDs.
- Academic Council and Governing Body review the performance of departments and resolve any issues related to departmental workings.

6.2.11 Does the college conduct performance auditing of its various departments?

The college has formed Internal Audit Committee which conducts performance audit of all the departments. Self Appraisal Performas (as per guidelines of NAAC) are used to assess the performance of the departments.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts are made by the college to enhance the professional development of teaching and non teaching staff?

- Regular seminars, guest lectures, workshops and conferences are organized by college to upgrade the knowledge of teaching staff. College grants duty leave to its faculty members to attend Refresher, General Orientation Courses, workshops, seminars, Faculty Development Programs etc. organized by UGC-Human Resource Development Centre.

- Workshop on computer learning, e-governance and other related areas is organised by the college to appraise non-teaching staff on computer related technicalities.

6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

Major outcomes of review of Performance Appraisal Reports during the last four years are as following:

- Three major and nine minor research projects have been completed, 8 major and minor research projects are in progress.
- Significant increase in number of research publications of the staff members has been witnessed.
- The faculty members upload their lectures and reading material in .doc, .pdf or .ppt format on e-governance portal.
- Many teachers have attended refresher courses, general orientation courses, workshops, seminars and conferences.

Major decisions taken by college to motivate faculty members towards research are as follows:

- To encourage research publications, college started publication of two research journals (with ISSN numbers) for which faculty members are motivated to submit their research papers. The research papers are published after adopting standard review procedure.
- The details regarding achievements of the faculty members along with their photographs are printed in the news bulletin.
- College has a policy of granting duty leave to faculty members who wish to attend Refresher/General Orientation Courses, Workshops, Seminars or Conferences etc. Their achievements are appreciated by the college through News Bulletin.

6.3.3 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

- The college has set up dispensary in the campus where a full time doctor and nursing staff is available. During the last 4 years, following percentage of staff availed services of dispensary:

Year	Percentage of Staff
2012-13	45.3
2013-14	50.1
2014-15	49.2
2015-16	51.75

- Physiotherapy department has set up an OPD in the campus where treatment for various problems is provided to staff and people from outside college.

Following percentage of staff visited physiotherapy department for getting the treatment:

Year	Percentage of Staff
2012-13	2.85
2013-14	2.91
2014-15	2.95
2015-16	3.01

- The college promotes organic farming for which 3 acre farm land has been allotted for producing organic vegetables. The college is also maintaining nursery for plants. Most of the faculty members buy vegetables and plants from college farm and nursery at concessional rates.
- Mutual aid fund for providing financial help to the staff members in case of any emergency is also being maintained by the staff club.

6.3.4 What are the measures taken by the college for attracting and retaining eminent faculty?

- The college prefers to appoint experienced qualified staff. Priority is given to those candidates who have earned Doctoral degrees. College also promotes its present employees to pursue Doctoral degree. The number of Ph.D staff members has increased in the recent past.

Category of Teachers \ Year	2011-12	2012- 13	2013-14	2014-15	2015- 16	2016-17
Permanent	55	51	49	51	72	80
Adhoc	14	18	21	27	30	45

- The eligible contractual staff with good academic record and performance is re-employed without interview.
- Retired staff is re-employed to perform various academic and administrative duties.

6.3.5 Has the college conducted a gender audit during the last four years? If yes, mention a few salient findings.

Gender audit is a feature of college admission policy. Record of number of male and female students admitted in various courses is maintained on daily basis during the period of admission. Following is the detail of number of students admitted during last four years.

Year	Boys	Girls	Male:Female	Total
2012-13	2204	1737	55.9 : 44.1	3941
2013-14	2592	2033	56.1 : 43.9	4625
2014-15	2731	2602	51.2 : 48.8	5333
2015-16	3088	3117	49.7 : 50.3	6205
2016-17	3641	3413	51.6 : 48.4	7054

Findings:

- (i) There is significant increase in the number of girls students over a period of four years.
- (ii) The number of girl students is more in PG courses as compared to UG courses.
- (iii) There is a significant increase in the number of girl students seeking admission and admitted in Agriculture and Food Science courses.

6.3.6 Does the college conduct any gender sensitization programs for its staff?

The college has constituted Internal Complaint Committee (ICC) as per UGC notification for prevention, prohibition and redressal of sexual harassment of women employee and student in higher education. This committee organizes seminars and lectures for sensitizing the staff towards these issues.

6.3.7 What is the impact of the University's UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

The faculty members acquire and improve basic skills of teaching by attending Refresher and General Orientation Courses, Workshops, Winter and Summer Schools organised by UGC-Human Resource Development Centre. They keep themselves abreast of the latest developments in their specific fields and use these techniques and information in enriching college students.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?

As per the Autonomous College guidelines, college has established Finance Committee comprising of Principal, Bursar and Finance Secretary of the college management. All the decisions regarding application of funds are taken by this committee after considering the needs of college with regards to academic and non-academic activities.

6.4.2 Does the college have a mechanism for internal and external audit? Give details.

- College has internal check mechanism for internal audit. The departmental needs are verified from the Registrar, DAA and OSD before presenting to the Principal. The complete inventory record is maintained on e-governance to assist the authorities for further verification of inventory with the departments. The financial data relating to college is checked by the Bursar and the Accounts Officer.
- External audit is conducted by a Chartered Accountant firm M/s Sehgal, Khanna, Mundra, Mehra and Co.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

The audited income and expenditure statements of academic and administrative activities of previous four years are given hereunder:

(2011-12)

Gurmeet Singh & Co. Chartered Accountants		KHALSA COLLEGE, AMRITSAR.							
		Income & Expenditure Account of Khalsa College For The Year Ended 31-3-12							
Expenditure	Figures 2011-12		Figures 2010-11		Income	Figures 2011-12		Figures 2010-11	
	Rs.	P.	Rs.	P.		Rs.	P.	Rs.	P.
To Uncovered Posts			671630						
To Chemistry Deptt.					By Fee & College Income				
Contg. & Chemicals	412,507.00		412,507.00	217,850.00	Science	2,736,850.00			
M.Sc. Contg.			8,403.00		Dilapidation	180,586.00			
To Physics Deptt.					Medical & Health	344,112.00			
Contg.			4,077.00	8,143.00	Electricity	3,335,120.00			
To Botany Deptt.					Hostel Lodging	359,760.00			
Biotech Deptt. Salary	107,250.00				Hostel Admission	220,253.56			
Nursery Salary	134,705.00				Hostel Furniture	4,482,365.00			
Phalsa /Plumps Salary	107,535.00				Development Fund	3,970,380.00			
Botanical Garden Contg.	7,109.00				Generator Fund	1,058,768.00			
Botanical Garden Electricity	17,672.00				Spl. Repair Lab. & Rooms	2,355,759.00			
Nursery Contg.	18,676.52				Matching Fund	5,823,225.00			
Nursery Electricity	50,264.00		443,211.52	1,813,180.00	Unforeseen	2,911,612.00			
To Zoology Deptt.					Open air Theater	1,697,620.00			
Contg. & Chemicals			82,561.00	1,668.00	Spl. Development Fund	5,182,330.00			
Zoology Furniture Repair			7,170.00	0.00	Repair of College Building	2,385,844.00			
To Principal's Office						37,024,584.56			
Advertisement	255,738.00				Less: Medical Fee Ind. to Joint A/	344,112.00	36,680,472.56	32,098,101.56	
Audit Fee	60,350.00				By Registration fee	402,135.00			0.00
Contg.	249,220.00				By Sale of Prospectus	1,397,063.00			0.00
Electricity Exp.	2,000,152.00				By Gurdwara Income	218,790.00			193,981.00
Gratuity Paid	271,640.00				By Chowkidara Income	21,675.00			22,567.00
Computer Sci. Software	49,425.00				By Income from Dairy				
Comp. Dell Networking Maintenance	3,480.00				Sale of Milk		521,410.00	537,003.00	
Comp. Deptt. Stationery	11,562.00				Sales of Empty Bags		0.00	1,045.00	
Printing	28,290.00				sales of Jav/Ghacha		10310.00	10,800.00	
IQAC Deptt. Stationery	9,525.00		2,949,382.00	5110738.00	Ex Serviceman DA (Unclaimed)		88,130.00	0.00	
			C.F. 4,578,971.52	10,574,920.00			39,339,985.56	32,863,497.56	

Gurmeet Singh & Co. Chartered Accountants		B.F. 4,578,971.52 10,574,920.00							
							39,339,985.56	32,863,497.56	
To Dairy Farm					By Other Income				
Salary	161,865.00				By sale of Nursery Plants	65,759.00			
Dairy Upkeep	130,030.52				By Sale of Phalsa	24,850.00			
Elec. Charges	37,881.00				Sale of Honey/Vegetable	9,710.00	100,319.00	104,378.00	
Printing Exp.	8,980.00		338,756.52	348,694.00	By Contg. From GNDU		0.00	10,678.00	
To Agri. Deptt.					By sale of animals		0.00	27,500.00	
Chemical & Contg.	78,164.00				By Notice Period Salary		0.00	122,799.00	
Electricity Exp.	4,575.00				By Physics Contg.		0.00	2,128.00	
Gas Making	24,050.00		106,789.00	58,418.00	By Sales of Gacha		0.00	1,375.00	
To Agri. Eco. Deptt.					By Sales of Rorri		8,050.00	100.00	
Salary			46,000.00	0	Intt. ICICI Bank		273903.00	142402.00	
Stationery			0.00	4,045.00	Botany Contg.		0.00	1,760.00	
To Horticulture Deptt.					By Sales of Barseam		39,000.00	48,800.00	
Contg. & Chem.	15,197.00				By Dairy Income		40,000.00	34,800.00	
Seeds, Plants & Fertilizers	14,028.00								
Salary	402,330.00								
Chart & Models	12,000.00		443,555.00	3,825.00					
To Gurdwara									
Salary	284,034.00								
Electricity	53,924.00		337,958.00	257,535.00					
To Peach Orchard Contg.									
			C.F. 5,882,047.04	11,247,437.00			39,801,257.56	33,360,015.56	

Gurmeet Singh & Co. Chartered Accountants		B.F. 5,882,047.04 11,247,437.00							
							39,801,257.56	33,360,015.56	
To Hostel Contg.			1,060.00	0.00					
To Girls Hostel									
Salary			2,040.00	2,040.00					
To Management Contribution									
5% Share of Deficit			4,285,902.00	6,257,736.00					
To Commerce Deptt.									
Salary			496,002.00	563,179.00					
To Nabha Hostel Salary									
Agri. Botany			205,064.00	161,985.00					
Salary	226,925.00								
Exhibit Ponds	32,760.00								
Chart & Models	11,350.00		271,035.00	0.00					
Pol. Sci.									
Salary			398,988.00	0.00					
Bio. Tech.									
Contg.			0.00	4,195.00					
To Capital Exp. as per Sch. D			1,777,015.00	491,115.00					
To Excess of Income over Expenditure (Surplus)			26,482,104.52	14,632,328.56			39,801,257.56	33,360,015.56	
			39,801,257.56	33,360,015.56					
Sd/- Chief Account Officer	Sd/- Under Secretary	Sd/- OSD	As per our report on Balance Sheet of Date.			Sd/- Joint Secretary Finance	Sd/- Honorary Secretary	Sd/- M.A., LL.B., F.C.A. For Gurmeet Singh & Co. Chartered Accountants	
Amritsar									
Date : 27-9-12									

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

- The accounts of college are audited regularly by the Chartered Accountants from M/s Sehgal, Khanna, Mundra, Mehra & Co.
- No major objections have been raised by the auditors. Any minor objection, if raised, is resolved immediately after making compliance of objections.

6.4.5 Narrate the efforts taken by the college for resource mobilization.

- Most of the funds required for resource mobilization are raised through fees charged from the students.
- The college also mobilizes funds by acquiring grants from State Government, Central Government (DST, DBT, UGC) and MPLAD funds.
- The college has also raised 63 sponsored scholarships for the benefit of financially weaker brilliant students.

6.4.6 Is there any provision for the college to maintain the ‘corpus fund’? If yes, give details.

The college has maintained ‘corpus fund’ of Rs. 6,18,013 in the form of FDRs hypothecated with affiliating university.

6.5 Internal Quality Assurance System

6.5.1 Does the College conduct an academic audit of its departments? If yes, give details.

- There is an Academic Audit Committee of the college consisting of senior faculty members.
- The college conducts the Academic Audit every year. The Self Appraisal Performas (as per NAAC guidelines) are distributed in the departments and to individual teachers. Academic Audit Committee visits each department to verify the facts mentioned in the SAP. On the basis of Self Appraisal Performas and observations, the committee recommends the necessary steps to improve the academic standards.

6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the college to improve teaching, learning and evaluation?

- On the basis of the recommendations of academic audit the following provisions have been incorporated in the academic policy of the college:
 - Remedial Classes
 - Tutorial groups
 - Counselling to students at the beginning of the session.
 - Internal assessment on the basis of class tests, house examinations and student seminars.

6.5.3 Is there a central body within the college to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

- The college has well established IQAC for continuous review of teaching learning process. Structure of IQAC is as per UGC guidelines. The Principal

of the college is the chairman and a senior teacher is appointed as co-ordinator of the cell. In addition to five senior most members of the faculty, the IQAC has its members from various sections of the society.

- IQAC meets regularly to review the academic standards and quality measures established by the college.
- Suggestions from members are recorded and the administration takes suitable measures to implement them.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

- The recommendations of IQAC led to starting of remedial classes, tutorial groups, counselling session of students in the college. All these efforts further led to higher academic standards.
- Due to regular analysis of teachers performance and motivation infused in them for excelling further, significant increase in the number of faculty members with doctoral degree has been witnessed. Increase in number of research publications has also been observed in the past few years. The recommendation of IQAC led to publishing of research journals in college.
- IQAC also recommended rebuilding of infrastructure for providing better facilities to students. Considering these recommendations, many new buildings have been constructed and old buildings have been renovated and repaired.

6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

- IQAC has three members representing various sections of society.
- They have contributed significantly towards improvement of academic standards of the college. Following suggestions of the members were included in the academic policy of college:
 - To use modern methods of teaching and setting up of smart classrooms.
 - To incorporate mock interviews and group discussion in the syllabus.
 - To start tutorial groups for hearing the problems of students.
 - To hold interactive sessions and discussions with the students.
 - To emphasize on enriching students in current affairs, quantitative aptitude, personality development and communication skills.
 - To invite more companies for providing placement opportunities to students.
 - To set up solar geysers and lights in the hostels.
 - To set up extension counter of bank and ATM in college premises.

6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

IQAC every year conducts a study on incremental academic growth of students from disadvantaged section of society. The findings of the study for the last four years have been given in the table hereunder:

Categories Admitted	2013-2014	2014-2015	2015-2016	2016-2017
SC	48	121	258	815
OBC	27	39	28	612
Handicapped	-	01	07	16

6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

- All the academic matters are discussed in BOS of respective departments.
- Academic council meets twice in a year to review academic and administrative performance of college.
- Feedback from students is taken at the end of academic session where students evaluate performance of teachers.
- At the end of each academic session, teachers are required to submit self appraisal form where they provide information related to their performance in academic, research and co-curricular activities.
- Research committee has been constituted by the college. This committee recommended setting up of research centres in the college. Research centre has been set up for science on the recommendation of the committee. Infrastructure is being built for Commerce Research Centre and Agricultural Research Centre.

CRITERIA VII

INNOVATION AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1 Does the college conduct a Green Audit of its campus?

The college is located in an area of 300 acres with green vegetations and vast lush green playground and fields. To keep the campus clean and green, the college has developed internal audit system. Various measures taken by the college are:

- Planting of trees and plants
- Creation/expansion of grounds
- Infrastructure development without disturbing the green cover
- Rain water harvesting
- Energy conservation by use of solar energy
- Recycling/Management of waste

Although the college does not conduct green audit of its campus it actively involves itself in spreading awareness and knowledge among students and staff members to make them environment friendly.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

- **Energy conservation:** As the main building of the college is more than 100 years old architectural marvel, its thick walls (18-24 inches) with high ceilings (20 to 24 feet) make the classrooms airy and well lit. Therefore, more energy consuming electrical gadgets like air conditioners are not required.
 - CFL and LED bulbs have been installed in place of incandescent bulbs.
 - The students and staff members ensure switching off all electrical fittings before leaving their classrooms or labs.
- **Use of renewable energy:** Twenty solar lights have been installed in the campus for providing green energy and saving energy. One solar water heater has been installed in the boys hostel and the process of installation of three more solar water heaters in the student hostels are in the pipeline.
- **Water harvesting:**
 - Eleven new rain water harvesting bores have been installed in the campus for ground water recharge. The new buildings which are constructed have rain water harvesting systems for recharging the sub-soil water.
 - All rain water from buildings of the college flows to lawns and grounds, thus, irrigating them and recharging sub surface water level.
- **Check dam construction:** No check dams are constructed as area is non flood prone.

- **Efforts for carbon neutrality:**
 - The college has large green cover for carbon neutrality and keeps on increasing this cover by regular plantation drives in and around the campus.
 - e-governance has reduced the paper usage considerably helping in carbon neutrality.
- **Plantation:**
 - Van-mahotsava is observed every year and new trees are planted in the college campus by NSS/NCC students, teachers and management members.
 - Students are sensitized through street plays (Nukad Natak) on environment conservation and are encouraged to participate in plantation drives.
- **Hazardous waste management:**
 - Separate (coloured) dustbins have been installed at different places for biodegradable and non-biodegradable waste management. The waste is collected by municipal van every day for its proper disposal.
 - Practice of dumping damaged glassware and wastes in specified locations.
 - Bio medical waste is disposed by a liaison agency “Amritsar Bio-medical Waste Disposal” under annual contract with them since 2011.
- **E-waste management:**
 - A government registered company “Attero Recycling” has been engaged and 3865 kg of e-waste was disposed off in an environment friendly manner.

7.2 INNOVATIONS

7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.

- **Effective Administration:**
 - **Use of IT in Administration or E-Governance:** Introduction of e-governance by the college has facilitated exchange of information and communication between management, faculty and students thereby improving administration/governance of the college. Centralized e-governance office has been established in the administrative block of the college with two full time employees for uploading of information. One e-governance cell has been established in every department of the college and one teacher incharge i.e., Eighteen teacher incharges for e-governance have been appointed for departmental information uploading. Information regarding inventory of all the departments like number of students, number of faculty members (department wise), annual budget (department wise), future expansion plans, all official as well as unofficial letters, salary statements, leave record and date of next annual increment of the employee etc. is available. The students can get information regarding their lecture statements, fee receipts, e-lectures, award lists, information

about holidays online. The management of the college has administrative password for downloading information from this website and on the basis of the information available on this website suitable policy is framed from time to time to manage the affairs of the college.

- **Single Window Admission System:** To make the admission process simplified and time saving new administrative block has been constructed having all the offices such as Dean Academic Affairs, Registrar, Accounts, Bank Extension Counter for fee collection and e-governance are brought at the same place.
- **Admission Counselling Committee:** The college has admission counselling committee which provides all the information regarding courses, fee structure and also addresses other queries of the students. This committee also provides information to SC/ST and minority students regarding special incentives for them. This has significantly benefited the students in making right choice regarding courses and has also increased their strength.
- **Contact Accessibility:** College has published one college directory and one alumni directory so as to provide contact information to staff and alumni for their accessibility to all the stakeholders.
- **Effective Teaching:**
 - **Smart Classrooms:** Seven new smart classrooms with multimedia projectors are working in the college. Students also participate in inter and intra department power point presentation competitions. Moreover these classrooms also help the students to grasp the concepts in a better way.
 - **Audio Visual Labs:** To improve the language skills of students the college has fully equipped audio visual language lab which has helped students to learn the finer aspects of language such as right pronunciations, usage of appropriate words etc.
 - **Workshops/Seminars for Students:** Workshops on communication skills and personality development are organised by engaging faculty and resource persons from various institutions and industries. This is beneficial for the overall grooming of students as job placements depend on communication skills of the individual.
 - **Promoting Research Acumen Among Students:** In the last 5 years, 138 seminars were organized by different departments and the students were involved in them. Two new research journals (in the field of sciences and languages) were started and their third issues have been published. Students are subscribers of these journals and they are also encouraged to contribute research papers for these journals. Three new journals (in the field of agricultural sciences, commerce and social sciences) are in the pipeline and M.Phil. and master degree students have already submitted research papers for these forth coming journals.
 - M.Phil. degree courses have been introduced in four streams i.e., Punjabi, English, Political Science and Commerce to promote research.

- Research/Project work in master degree program of all science streams has been made compulsory and students are required to submit elaborate report of the research done.
- After 2013, for new appointment of faculty members preference is being given to Ph.D. candidates keeping in mind the future expansion plans.
- **Remedial Classes for Academically Weak Students:** Academically weak students are identified on the basis of house test results and the bottom 20 per cent students are provided extra classes to help students to improve their performance in final examination.
- **Tutorial Groups:** To get feedback of students regarding their problems in teaching and learning, infrastructural requirements or other general problems, tutorial groups are formed by combining students from interdisciplinary streams or sometimes from the same stream. Presently more than 116 tutorial groups involving 232 teacher incharges are formed. Students interact with the tutors and provide useful feedback regarding department and college level deficiencies. The feedback report covering academic and non academic issues separately is sent to the concerned department for analysis and implementation.
- **Heritage Conservation:** The college building restoration work is regularly being carried out so as to conserve the heritage structure. In order to conserve rare manuscripts and Sikh artefacts, the college has one museum in the old block. The digitization work of the department to preserve records for future generations was done recently. The construction of a new block for heritage museum is ongoing near Gurudwara Sahib.
- **School Visits:** To create awareness among rural people about course curriculum, scholarships offered, facilities and socio cultural environment of the college, school visits were organized by the college and various teams of faculty members visited senior secondary schools of district Amritsar. The information regarding courses offered by the college was provided to all the senior secondary schools of Amritsar and neighboring districts through career guidance manual published by the college. The copies of this manual were circulated to all the school libraries, principals, teachers and students free of cost.
- **Farmer Centric Approach:**
 - Keeping in mind the distressed situation of the farmers at national level in general and Punjab State in particular, a farmer centric program i.e. Agents of Change was started by Khalsa College Amritsar in collaboration with Columbian Water Centre, USA. Faculty members and students of agriculture department visited 65 villages of Amritsar and Tarn Taran district to gather information regarding socio economic problems of farmers of this region. The probable solution to these problems are discussed with experts of the concerned field and farmers are informed about them. The program is presently ongoing and is in its next phase.

- **Soil testing lab** has been established to provide soil testing facility at nominal charges to the farmers of this border area so as to reduce the over consumption of fertilizers in this area.
- **Organic product outlet:** To make the campus environment friendly the college practices organic farming and has set up an outlet for the sale of organic products.
- A memorandum of understanding with Punjab Agriculture University Ludhiana was signed to provide quality hybrid fodder seeds to dairy farmers of this region through Khalsa College Amritsar.
- **Vocational Training Centre:** The centre under lifelong learning program offers free three months certificate courses to provide training in cutting, tailoring, embroidery, food processing and preservation to economically weak women from nearby areas for their self employment. Free education to under privileged childrens is provided by NSS volunteers of the college in this centre.

7.3 BEST PRACTICES

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the college.

The college observes number of practices like

- (i) Institutional Social Responsibility
 - Farmer training centre
 - Physiotherapy OPD for everyone
 - Centre for lifelong learning
 - Scholarships for needy students
 - Career counselling/guidance cell
 - Awareness campaigns
 - Gender equality
 - Environment Friendly Approach
 - Heritage Conservation
- (ii) Use of IT in Administration
- (iii) Staff Club: Staff club was established with the sole objective of addressing the problems of staff and organizing staff meetings and functions. The faculty members are also provided with financial assistance in case of medical emergency and untimely death.
- (iv) Subject Societies in the Departments: The societies are managed by the students under the supervision of teacher incharge. The students are encouraged to participate in these seminars not only in the college but also in other colleges/universities.
- (v) Inculcating Religious and Moral Values Amongst Youth
 - By Nagar Kirtan (Religious procession)

- Kirtan Darbars
 - Arambhic Aradas (Session beginning prayer)
 - Shukrana Aradas (Session ending prayer)
 - Divinity Classes
- (vi) Student Social Activities: Units of NSS, Red Ribbon Club are functioning in the College and they involve students in the activities like
- Field work and village visits.
 - Organizing camps like AIDS awareness, Drug menace, Female foeticide etc.
 - Blood donation and blood testing camps.
 - Frequent visits to old age homes, homes for physically/mentally challenged people.
 - Tree plantation drives.
 - Cleanliness drives.
 - Student theatre groups.
 - Classes of children of labourers.

However, the two best practices which have contributed significantly in improvement of academic as well as administrative functioning of the College are:

- Institutional Social Responsibility
- Use of IT in Administration or e-governance

BEST PRACTICE – I

1. Title of the Practice:

Institutional Social Responsibility

2. Objectives of the Practice:

The objectives of this practice are in accordance with the mission of our institution i.e. to imbibe students with moral values taught by the Gurus for the benefit of the community and the country. The emphasis is on development of moral values, to sensitize and involve the students in their social responsibility of serving the society. The college is committed to address the needs of vulnerable sections of the society like SC/ST's, minorities and rural population. The problems like gender inequality/discrimination, drug abuse etc. also need the attention of educational institutions. Therefore, Khalsa College Amritsar, being a pioneer educational institution of this rural area, has accepted its responsibility for social well being in consonance with the policies of the nation.

3. The Context:

The issues are multidimensional as these involve heterogeneous population having multiple problems of different magnitudes. Therefore, keeping in view the availability of resources alongwith physical, academic and administrative infrastructure, the specific issues of wider concern are focussed.

4. The Practice:

The college fulfils its social responsibility in the following manner:

- (i) **Farmer Training Centre:** The college caters to the large rural area and major occupation of people is agriculture. A farmer training centre has been functioning in the college since 1969 to provide latest information by experts to supplement income of the farmers of the area through farmer trainings, field demonstrations and expert extension lectures in the field of agriculture to the farmers. The centre organises more than 100 block level and district level camps annually in collaboration with state agriculture department (Table 7.1). It also imparts training in bee keeping, mushroom cultivation, pest control, food and vegetable processing. The centre is also actively working to improve the socio economic status of women in farming business by organizing training camps on food processing techniques like pickle, jam, jellies, squash, sauces making etc. especially for them. It is pertinent to mention here that in the last 5 years, 183 camps have been organized for women and more than 6000 womens participants have attended and benefited from these camps. (Table 7.1).

Table 7.1 Description of Activities of Farmer Training Centre of the college

Type of Camp	2011-12		2012-13		2013-14		2014-15		2015-16	
	No.	Farmers attended	No.	Farmers attended	No.	Farmers attended	No.	Farmers attended	No.	Farmers attended
Institutional Training Camp	4	220	8	380	8	335	8	325	4	97
Institutional Training Camp (for women)	8	400	8	400	8	328	8	390	4	200
Production cum demonstration camp	30	712	26	595	27	580	30	723	22	463
Production cum Demonstration Camp (for women)	30	1123	30	713	30	918	30	975	27	860
Cooking Camp	8	347	8	217	9	311	8	256	9	282
Block Level Camp	18	1800	18	2678	18	1707	18	2536	18	2296
District Level Camp	2	1600	2	2337	2	3999	--	--	--	--
Training Mushroom Cultivation	--	--	1	110	1	19	--	--	1	31
Training Bee Keeping	--	--	1	110	1	33	1	40	1	86
Training on Horticulture	--	--	--	--	1	9	1	32	1	27
Total	100	6202	102	7540	105	7939	104	5277	87	4342

- (ii) **OPD and Treatment in Physiotherapy Department:** The college runs out-patient facility along with treatment using latest machinery in physiotherapy department for everyone at nominal charges of Rs. 10/- per visit as compared to Rs. 200 to 300 per visit charged by private physiotherapy

centres of this area (Table 7.2). Moreover, the department also organizes free medical camps where free medical checkups, physiotherapy treatment, homeopathic treatments and free medicines are provided to poor patients (Table 7.2).

Table 7.2: Number of OPD/Emergencies Attended

	2011-12	2012-13	2013-14	2014-15	2015-16
No. of OPDs attended	4729	4665	3684	5067	5902
No. of Free medical camps	02	03	01	01	02

- (iii) **Vocational Training Centre:** The centre under lifelong learning program offers free three months certificate courses to provide training in cutting, tailoring, embroidery, food processing and preservation to economically weak women from nearby areas. Free education to under privileged childrens is provided by NSS volunteers of the college in this centre.
- (iv) **Scholarships for Needy Students:** The college provides 63 scholarships to meritorious and needy students as per the guidelines for the scholarships. Fee concessions to economically poor students for their education are also provided.

Table 7.3 Scholarships/Fee Concession given to Students

Particulars/Categories of	Years					
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
Scholarship by College						
UG	(65)	(73)	(71)	(73)	(89)	----
Amount in Rs.	177820	195420	263800	274410	404810	----
PG	(19)	(14)	(17)	(22)	(23)	----
	32950	33010	47810	75000	128400	----
SC/ST (in numbers)	25	19	48	121	258	535
OBC (in numbers)	11	21	27	39	28	45

- (v) **Free Career Guidance Information:** The college organizes free career guidance seminar for Principals and students of all the schools of this region. Free career guidance books are provided to all the schools of Amritsar and nearby districts so as to guide students regarding career options in their field of choice. The career guidance is also provided to our own students through a cell working under the guidance of Director Career Guidance who happens to be a senior faculty member of the college.
- (vi) **Awareness Campaigns:** The college organizes one seminar and a poster making competition every year in collaboration with Red Ribbon Club, so as to generate awareness in youth against social evils like drug abuse, AIDS etc. Moreover, the theatre group of the college organises plays, street plays on social issues such as drug addiction, women victimization, female foeticide, terrorism, cultural crisis and environment issues etc. within and outside the campus regularly.
- (vii) **Gender equality:** In the society where adverse sex ratio due to female foeticide and poor literacy among females persist, the college fulfils its responsibility in promoting gender equality. The college provides equal

educational opportunity to women and has created Cell for Grievance Redressal and Dean Student Welfare (girls) is a senior member who takes care of the problems of girl students. This has resulted in a considerable increase in the strength of girl students and more than 50% of the total students admitted are girls. (Table 7.4).

Table 7.4 Gender wise Number of Students Admitted

Categories	Year 1 2013-2014			Year 2 2014-2015			Year 3 2015-2016			Year 4 2016-2017		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
SC	35	13	48	98	23	121	180	78	258	528	287	815
ST	-	-	-	-	-	-	-	-	-	02	02	04
OBC	14	13	27	13	26	39	16	12	28	343	269	612
General	2543	2007	4550	2620	2553	5173	2924	2998	5922	2565	2934	5499
Total	2592	2033	4625	2731	2602	5333	3120	3088	6208	3438	3492	6930

- **Environment Friendly Approach:** The degradation of environment due to human interference is an issue of wider concern as it effects human and animal health. Therefore, conservation of environment for reducing the level of pollution, increasing vegetative cover, providing clean and green environment for everyone is a challenge in the present world. For these objectives, the college has adopted eco-friendly approach to reduce air and water pollution by sensitizing the students, staff members and society for environmental conservation for its sustainability. The environmental friendly approach involves many practices such as:
 - **Organic Farming:** Organic farming is undertaken on 65 acres of college farm to discourage use of agrochemicals (insecticides, pesticides and weedicides), improve soil health, reduce water pollution and conserve the ecosystem. One Bio-pest control lab has been established for multiplication of friendly insects for control of pests. Experts from agriculture faculty and from organic field supervise farming from time to time. Outlet for organic products have been opened at college gate where organically produced fruits, vegetables and cereals are sold so as to popularize organic food among masses.
 - **Plantation and Maintenance of Plants:** Van-mahotsava is observed every year and new trees are planted in the College campus by NSS/NCC students, teachers, management members. Students are sensitized and encouraged to be part of plantation drives. The college has its own landscaping management committee and a man force of forty (40) workers especially for maintenance of plants.
 - **Nursery:** The college has its own nursery where ornamental, fruit, flower plants are available at nominal charges. It caters to the demand of rural as well as urban people by providing them qualitative plant material.
 - **Use of Renewable Sources of Energy:** Twenty solar lights have been installed in the campus for providing green energy and saving energy. One

solar water heater has been installed in the boys hostel and the process of installation of three more solar water heaters in the student hostels are in the pipeline.

- **Ground Water Recharge:** All the newly constructed buildings have rain water harvesting bore to recharge the sub-soil water. Moreover eleven new rain water harvesting bores have been installed for ground water recharge. All rain water flows from the buildings of the college to lawns and grounds, thus, irrigating them and recharging sub surface water level.
- **Energy Conservation:** The main building of the college has thick walls (18-24 inches) with high ceilings (20 to 24 feet) making classrooms airy and well lit, therefore, more energy consuming electrical gadgets like air conditioners are not required. Also, CFL and LED bulbs have been installed in place of incandescent bulbs. The students and staff members ensure switching off all electrical fittings before leaving their classrooms or labs.
- **Reduction in CO₂ Emission:** Zero tolerance policy against crop residue/garbage burning in the college campus and on agricultural farm is enforced. Ban on entry of four wheelers of students in the college campus to reduce vehicular pollution within the campus. Moreover, e-governance has reduced paper usage considerably in the campus thereby reducing CO₂ emission.
- **Efficient Waste Management**
 - a) The college has installed separate coloured dustbins at different places for biodegradable and non-biodegradable waste management. The waste is collected by municipal van every day for its proper disposal.
 - b) Two large septic tanks have been installed for recycling of animal waste (urine and dung) and organic waste to generate compost (organic manure) to be used on agricultural farm.
 - c) The college follows the practice of dumping damaged glassware and wastes at specified locations.
 - d) Bio medical waste is disposed by a liaison agency “Amritsar Bio-medical Waste Disposal” under annual contract with them since the year 2011.
- **e-waste management:** A government registered company “Attero Recycling” has been engaged and 3865 kg of e-waste was disposed off in environment friendly manner.

5. Evidence of Success:

- There is great demand for skill development courses run by Centre for Lifelong Learning which highlights the popularity of these programs. Most of the pass outs are self employed and successfully running their own business. As majority of them are women therefore, it has helped in gender upliftment through financial independence.

- The increase in number of patients every year in physiotherapy OPD highlights the success of this program.
- The increased demand for farmer trainings and camps by villages of Amritsar and adjoining districts is an evidence of the success of Farmer Training Centre.
- Increase in number of SC/ST students and girl students in the college.
- Increase in the green cover and clean environment of the college.
- The reduction in paper usage due to e governance has made environment more clean.
- The increase in number of people from the vicinity for morning and evening walks in the campus highlight lower pollution level in the college.

6. Problems Encountered and Resources Required:

- More spacious building for Centre for Life Long Learning is required to accommodate large number of people who may apply for skill development programs run by the Centre.
- Majority of the children who are given free education are of labourers and as they are migratory in nature, thereby making the teacher's job difficult.
- The college dispensary and the department of physiotherapy find it difficult to fulfil all the health care needs of a large number of patients visiting the dispensary.
- The farmer training centre has limited space and resources to meet the aspirations of the farming community of this region.
- The following resources are required for fulfilling institutional social responsibility:
 - Larger Farmer Training Centre with research and development facility, more manpower and increased annual budget.
 - Multi specialty hospital with inpatient facilities for at least 100 patients. Latest medical equipment and machinery for specialised treatments for under privileged sections of the society.
 - The students from SC/ST and economically weaker section of society sometime get involved in self earning practices due to financial compulsions which increases their dropout rate. The college is ready to provide free education to these students but providing financial stability to them is beyond the college domain.
 - As the college is located on the main G.T. road therefore, pollution due to heavy traffic becomes a big challenge. The college has undertaken construction work on a large scale in the last three years which has also disturbed the clean environment of the campus.

BEST PRACTICE – II

1. Title of the Practice

Use of Information Technology for Administration or e-governance.

2. Objectives of the Practice

- To improve management/governance by helping exchange of information and communication transaction between management, faculty and students i.e. better coordination.
- To make administrative work systematic, quick and transparent by exchange of information among all stake holders.
- To provide information regarding inventory of all the departments and labs, number of students, number of faculty members (department wise), annual budget (department wise) and other relevant information for effective management and planning.
- To help in effective communication transaction from departments to the administrative wing and vice versa as all official as well as unofficial letters and information is exchanged via e-governance.
- To provide information regarding salary statements, leave record and provident fund of the employee.
- To provide information to students regarding their lecture statements, award lists, information about holidays, online lectures for them and results.

3. Context

The challenging issue for implementation of e-governance in this big institution was to make available large information from widely spread departments at one place and maintain a communication network which can provide effective governance.

4. Practice

- A centralized e-governance office has been established in the administrative block of the college with two full time employees for uploading of information.
- An e-governance cell has been established in every department of the college with a teacher incharge of e-governance and facilities like one computer system along with Wi-Fi internet facility. Eighteen teacher incharges for e-governance have been appointed for uploading departmental information. The uploads regarding inventory of the department, student strength, budget, future expansion plans e-lectures for students are done regularly.
- In the initial years, the teaching and non teaching staff members were trained for administration and usage of e-governance for administrative services. In the succeeding years, more services were included specially regarding teaching and learning and the students were also provided access to e-governance.
- All the employees have been provided with one e-governance account for sharing information from their department via e-governance with the administration or students.

- The students have been provided e-governance user ID for downloading information regarding e-lectures, fee slips, lecture statements and award lists.
- The management of the college has administrative password for downloading information from this website and on the basis of the information available on this website suitable policy is framed from time to time to manage the affairs of the college.

5. Evidence of Success:

- The e-governance has become a useful tool for staff (salary statements, leave record, provident fund and notices), students (lecture statements, award lists, information about holidays, online lectures and results), principal and management for their diverse needs.
- The paper usage for the academic and administrative work in the campus has decreased significantly and evidence of success corroborated with constant upgradation of more services to the stake holders through e-governance.
- The admission process has expedited resulting in increase of college strength.
- Examination system has become more time efficient, effective and economical as all results are available online.

6. Problems Encountered and Resources Required:

- Training of staff members: As all the members of non teaching were not computer literate/technology savvy, it required extra effort in the form of trainings by experts.
- Handling of data: As this service involves huge data uploading/requirement/management more manpower and man-hours are required for handling of data.
- The students from rural areas could not access their e-governance accounts due to lack of internet accessibility at their end.
- The following resources are required for e-governance:
 - One server
 - Department wise access points with computer systems and internet facility
 - Manpower

**EVALUATIVE
REPORTS OF THE
DEPARTMENTS**

Evaluative Report of P.G. Department of Agriculture

1	Name of the Department	Post Graduate Department of Agriculture	
	Year of Establishment	1931	
2	Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	<ul style="list-style-type: none"> • M.Sc. Agronomy • M.Sc. Agricultural Economics • M.Sc. Horticulture • M.Sc. Soil Science • M.Sc. Vegetable Science • M.Sc. Entomology
		UG Courses	<ul style="list-style-type: none"> • B.Sc. (Hons.) Agriculture • Diploma in Land Scaping • Diploma in Seed Production Technology
3	Interdisciplinary courses and departments involved:	---	
4	Annual/semester/choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	Nil	

6. Number of teaching posts sanctioned and filled

Teaching Posts	Sanctioned	Filled
Professors	--	Nil
Associate Professors	03	03
Assistant Professors	19	43*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds

7. Faculty profile with name, qualification, designation, specialization (D.Sc./D/Lit./ Ph.D. /M.Phil. etc)

Regular Faculty

Sr. No.	Name of Teachers	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D students guided in last 4 years
1.	Dr. Randeep Kaur	M.A., M.Phil. Ph.D.	Head, Associate Professor	Agricultural Economics	25	-
2.	S. Gurdev Singh	M.Sc.	Associate Professor	Agricultural Economics.	21	-
3.	S. Satnam Singh	M.Sc.	Assistant Professor	Soil Science	20	-
4.	Dr. Gurbax Singh	Ph.D	Associate Professor	Agronomy	16	2
5.	Sh. Rakesh Sharma	M.Sc.	Assistant Professor	Agronomy	15	-
6.	Dr. Kanwaljit Singh	M.Sc. Ph.D.	Assistant Professor	Agronomy	13	-
7.	Dr. Narinderdeep Singh	M.Sc. Ph.D.	Assistant Professor	Agricultural Economics	12	-
8.	Dr. Amarjit Kaur	M.Sc. Ph.D.	Assistant Professor	Horticulture	2	-
9.	S. Amarinder Singh	M.Sc.	Assistant Professor	Agronomy	2	-
10.	Dr. Lavleen Kaur	M.Sc. Ph.D.	Assistant Professor	Agricultural Economics	2	-
11.	Ms. Gurbinder Kaur	M.Sc.	Assistant Professor	Horticulture	2	-
12.	S. Amandeep Singh	M.Sc.	Assistant Professor	Entomology	1	-
13.	Ms. Jobenjeet Kaur	M.Sc.	Assistant Professor	Soil Science	1	-

Adhoc Faculty:

1.	Dr. Manjit Kaur Bhangu	M.Sc. Ph.D	Assistant Professor	Agricultural Botany	35	-
2.	S. Sukhbir Singh Randhawa	M.Sc.	Assistant Professor	Agricultural Botany	40	-
3.	Dr. Didar Singh	M.Sc. Ph.D.	Assistant Professor	Soil Science	35	-
4.	Dr. Sukhdev Singh	M.Sc. Ph.D.	Assistant Professor	Horticulture	35	3
5.	Ms. Kanwalpreet Kaur	M.Sc.	Assistant Professor	Agronomy	3	-
6.	Ms. Kuljit Kaur	M.Sc.	Assistant Professor	Agronomy	1	-

7.	Ms. Ramanpreet Kaur	M.Sc.	Assistant Professor	Agronomy	3	-
8.	Ms. Shivani Kapoor	M.Sc.	Assistant Professor	Agronomy	2	-
9.	Ms. Mandip kaur	M.Sc.	Assistant Professor	Agronomy	1	-
10.	S. Baljinder Singh	M.Sc.	Assistant Professor	Agronomy	1	-
11.	Ms. Satvir Kaur	M.Sc.	Assistant Professor	Agronomy	1	-
12.	Ms. Amanpreet Kaur	M.Sc.	Assistant Professor	Agricultural Economics	3	-
13.	Ms. Harpreet Kaur	M.Sc.	Assistant Professor	Agricultural Economics	3	-
14.	S. Taptej Singh	M.Sc.	Assistant Professor	Agricultural Economics	1	-
15.	Ms. Gurleen Kaur	M.Sc.	Assistant Professor	Agricultural Economics	1	-
16.	S. Maninderjit Singh	M.Sc.	Assistant Professor	Horticulture	3	-
17.	Ms. Sonamdeep Kaur	M.Sc.	Assistant Professor	Horticulture	1	-
18.	S. Manpreet Singh	M.Sc.	Assistant Professor	Soil Science	1	-
19.	Ms. Amandeep Kaur (Bot.)	M.Sc.	Assistant Professor	Agricultural Botany	2	-
20.	Ms. Amandeep Kaur (VSc.)	M.Sc.	Assistant Professor	Veg. Science	1	-
21.	Ms. Neha Vyas	M.Sc.	Assistant Professor	Veg. Science	1	-
22.	Ms. Ramandeep Kaur	M.Sc.	Assistant Professor	Biochemistry	3	-
23.	Ms. Rajpreet Kaur	M.Sc.	Assistant Professor	Agricultural Botany	1	-
24.	S. Harwinder Singh	M.Tech.	Assistant Professor	Agricultural Engineering	6	-
25.	Dr. Garima	M.Sc. Ph.D.	Assistant Professor	Entomology	4	-
26.	Dr. Kapila Mahajan	M.Sc. Ph.D.	Assistant Professor	Zoology (Entomology)	3	-
27.	Ms. Anmol Kaur	M.Sc.	Assistant Professor	Agricultural Botany	2	-
28.	S. Gaurav Bhatia	M.Sc.	Assistant Professor	Agricultural Botany & Biochemistry	1	-
29.	Ms. Sonia Sharma	M.Sc.	Assistant Professor	Agricultural Botany	1	-
30.	Ms. Sonia Mahey	M.Sc.	Assistant Professor	Botany	1	-
31.	Ms. Jyoti Mahajan	M.Sc. Ph.D.	Assistant Professor	Environment Sciences	3	-

32.	Ms. Amanjot Kaur	M.Sc.	Assistant Professor	Zoology	1	-
33.	S. Lavjeet Pal Singh	B.Tech.	Assistant Professor	Agricultural. Engineering	1	-

8. Percentage of classes taken by temporary faculty - programme- wise information:

Sr.No	Course	2012-13	2013-14	2014-15	2015-16	2016-17
1	B.Sc. (Hons)	35.29	35.29	56.52	64	64
2	M.Sc.	11.76	11.76	21.74	12.8	12.8

9. Programme - wise Student Teacher Ratio:

Programme	2015-16	2016-17
B.Sc. (Hons)	17:1	17:1
M.Sc. Agriculture	4:1	5:1

10. Number of academic support staff (technical) and administrative staff sanctioned and filled:

Sr. No.	Academic Supports Staff	Sanctioned	Filled
1.	Technical (Lab Attendants)	-	-
2.	Permanent	-	4
3.	Adhoc	-	15
4.	Administrative Staff	-	6
5.	Permanent	-	1
6.	Adhoc	-	5

11. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Mention names of funding agencies and grants received project- wise:

Year	Name of Faculty Member	Projects	Funding Agency National/ International	Grants Received	Project completed /Ongoing
2011-12	Dr. Narinder Deep Singh	Minor Research Project	UGC(Minor)	Rs 1,60,000/-	Completed
	Sh. Rakesh Sharma	Minor Research Project	UGC(Minor)	Rs 1,30,000/-	Completed
2012-13	Dr. Randeep Kaur	Minor Research Project	UGC	Rs. 70,000/-	Completed

12. Department projects funded by DST-FIST; DBT, ICSSR, etc, total grants received:

Nil

13. Research facility/centre with

- State recognition
- National
- International recognition

Nil

14. Publications:

S. No	Name of faculty	Seminar Conferences National/ International	Research Papers Published National/ International Journals	Citation Index range	Impact Factor range	Number of Books Published/Edited (National /International)
1.	Dr. Randeep Kaur	03 (National)	03 (1 Int., 2 Nat.)	-	4.0	-
2.	S. Gurdev Singh	01 (International)	Nil	-	-	Nil
3.	S. Satnam Singh	01 (National)	Nil	-	-	Nil
4.	Dr. Gurbax Singh	01	02	-	-	-
5.	Sh. Rakesh Kumar	05 (National)	05 (National)	3.8 to 4.4	-	-
6.	Dr. Kanwaljit Singh	05 (National)	08 (04 Int., 04 Nat.)	4 to 5	4 to 5	-
7.	Dr. Narinderdeep Singh	02	11(6 Int., 5Nat.)	3.8 to 5.5	04	04 (1.Int-9783844394894 2. Int-9783659216985 3. Int-9783659163180 4. Int-9783848498864)
8.	Dr. Amarjit Kaur	01	02	4.4	01	978-93-81278-92-5
9.	S. Amarinder Singh	01	05	-	-	-
10.	Dr. Lavleen Kaur	02	02	4.01	01	International- 978-3-8484-9886-4
11.	Ms. Gurbinder Kaur		03	3.3	01	978-93-81278-92-5 -
12.	S. Amandeep Singh	05	02	-	01 Chapter	-
	Total	27	43		8	

15. Details of patents and income generated.

Nil

16. Areas of consultancy and income generated

1. Agreement has been signed with two sugar mills of this district wherein bio control lab of the Khalsa College will supply Trichogramma Chilonis for pest management in sugarcane pest.
2. MOU has been signed with Punjab Agricultural University to produce certified seeds of fodder (Berseem).
3. A live model is developed in organic farming for producing jiggery from organically produced sugarcane.

Income will be generated from the areas of consultancy in future years.

17. Faculty Recharging Strategies:

General staff meetings, meetings of Board of Studies and Research Degree Committee study the constraints in the curriculum and syllabi and suggest necessary changes and improvements in the same. Improvements in the teaching methods are also discussed and emerged consensus is unanimously implemented.

Faculty members are encouraged to participate in General orientation courses, Refresher courses, Workshops, Seminars and Conferences organized by the college and other universities and educational institutions.

18. Students projects

Percentage of students who have done in-house projects including inter-department (2015-16)

Sr. No.	Name of in House Project	Department involved	No. of Students (%age)	Classes involved
1.	Research Projects (Thesis) 2015-16	P.G. Dept of Agriculture	40 (100)	M.Sc. Agriculture
2.	Agents of Change Programme (1 st Phase) 2015-16	CIPT, P.G. Deptt. Of Agriculture, Khalsa College, Amritsar	650 (90)	B.Sc. & M.Sc. Agriculture
3.	Agents of Change Programme (2 nd Phase) 2016-17	Do	154(100)	B.Sc. Agriculture Year-IV
4.	Bee Keeping 2015-16	Farm Training Centre/ P.G. Department of Agriculture	92 (100)	B.Sc. Sem-VII
5.	Mushroom Cultivation 2016-17	Mushroom Cultivation Centre, Dehriwal/Jandiala and P.G Department of Agriculture	154 (100)	B.Sc. Sem-VII
6.	Gur Making	Agriculture farm, Khalsa College	26 (100)	B.Sc. Sem-VII (Agronomy)
7.	Orchard Management (Hoeing, weeding, pruning of Kinnow and peach orchard planting and cutting of varieties of plums)	Horticulture Nursery Agriculture Farm Khalsa College.	55 (100)	B.Sc. Sem-VII (Horticulture)
8.	Processing & Canning of Fruits.2016-17	Vegetable & Fruit Preservation Center, Punjab Government	154 (100)	B.Sc. Agriculture (Sem-V11)

Figures in Parenthesis indicate percentages.

19. Awards/ recognitions received at the National and International level by

- Faculty Nil.
- Doctoral/Post doctoral fellows Nil
- Students

20. Seminars/ Conferences/ Workshops organized and the source of funding (National/International) with details of outstanding participants, if any.

Sr. No.	Title of Activity Sem/Conf/workshops	Year	Date	Outstanding Participants	Funding Agency
1.	National Seminar "Organic Farming in Field and Horticulture Crops -A Scientist prospective"	2014	Oct 8, 2014	1. Dr. Baaz Singh Sandhu Deputy Director, Horticulture Punjab 2. Dr. Bhupinder Singh Deputy Director Training, KVK, Nag Kalan, Amritsar 3. Dr. Rajinder Singh Soil Scientist, 4. Dr. Charanjit Singh Aulakh, Senior Agronomist, PAU, Ludhiana 5. Dr. Neena Chauhan Scientist, YS Parmar, Horticulture University, Nauni, Solan, H.P	Self Financed
2.	National Seminar on "Climate Change and Adaptive Strategies"	2015	Dec 22, 2015	1. Dr. Prabhjot Kaur, Head Deptt. of Climatology. 2. Dr. Parampal Sahota, Head Deptt. of Microbiology. 3. Dr. Parveen Kumar, Principal Scientist, Agronomy, Central Potato Research Institute, Karnal 4. Dr. Dinesh Kumar, Principal, Scientist, Agronomy, Central Potato Research Institute, Karnal	Self Financed
3.	Efficient Use of Water Resources in Agriculture	2014	Feb 18, 2014	Prof. Kamal Vatta Director CIPT, New Delhi Mr. Rommit Sen Deputy Director, CIPT New Delhi	Columbia Water Centre (US), Centre of International Project Trust, New Delhi. International
4.	Mid-Term Workshop of "Agents of Change Programme"	2016	Feb 11, 2016	Prof. Kama Vatta. Director, CIPT.	USAID Centre of International Project Trust, New Delhi
5.	Interface with young Leaders."Workshop on Launch of Agents of Change programme as Academic Activity"	2016	Oct 21, 2016	Mr. Michael, Office Director, CLEEO, USAID. Ms Apurva Chaturvedi, USAID Dr. Kamal Vatta, Director, CIPT	USAID Centre of International Project Trust.

21. Students profile courses - wise:

Name of Course	Applications Received	Selected		Pass Percentage	
		Male	Female	Male	Female
2011-12					
B.Sc. Agri-I (Annual)	573	55	25	62.63	96.0
B.Sc. Agri-II (Annual)		67	16	97	100
B.Sc. Agri-III (Annual)		58	16	98.27	100
B.Sc. Agri IV (Annual)		34	12	97.1	100
M.Sc. Agri -I yr	70	17	06	100	100
M.Sc. Agri -II yr		26	07	100	100
2012-13					
B.Sc. Agri -I yr.	876	62	28	96.77	96.42
B.Sc. Agri -II yr.		35	23	100	100
B.Sc. Agri -III yr.		65	15	100	100
B.Sc. Agri -IV yr.		56	16	100	100
M.Sc. Agri -I yr	44	08	04	100	100
M.Sc. Agri -II yr		14	06	100	100
2013-14					
B.Sc. Agri -I yr.	1382	88	72	97.72	100
B.Sc. Agri -II yr.		69	27	95.65	100
B.Sc. Agri -III yr		35	23	100	100
B.Sc. Agri -IV yr.		65	15	100	100
M.Sc. Agri -I yr	124	35	11	91.42	100
M.Sc. Agri -II yr		08	04	100	100
2014-15					
B.Sc.-I yr.	1543	77	84	97.40	98.80
B.Sc.-II yr.		85	72	95.23	100
B.Sc.-III yr.		66	27	98.48	100
B.Sc.-IV yr.		35	23	100	100
M.Sc. Agri -I yr	154	38	9	100	100
M.Sc. Agri -II yr		32	11	100	100
2015-16					
B.Sc.-I yr.	1700	150	95	98.66	87.36
B.Sc.-II yr.		72	82	100	98.78
B.Sc.-III yr.		84	72	100	99.35
B.Sc.-IV yr.		65	27	98.46	100
M.Sc. Agri -I yr		36	26	80.55	84.61
M.Sc. Agri -II yr		37	09	97.29	100

22. Diversity of students:

Name of the Course	% students from the College	% of students from the state	% of students from other states	% of students from other countries
B.Sc. Agriculture (Hons.)				
Sem-I				
2011-12	0	97.5	2.5	0
2012-13	0	100	0	0
2013-14	0	97.5	2.5	0

Name of the Course	% students from the College	% of students from the state	% of students from other states	% of students from other countries
2014-15	0	99.37	0.63	0
2015-16	0	100	0	0
2016-17	0	98.5	1.5	0
M.Sc. Agriculture (All Streams)				
2011-12	59.1	31.8	9.1	0
2012-13	33.33	66.67	0	0
2013-14	86.36	11.40	2.34	0
2014-15	79.59	18.36	2.05	0
2015-16	48.39	50.0	1.61	0
2016-17	61.33	38.67	0	0

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Year	No. of Students M.Sc	Cleared State Govt.	Cleared Central Govt.	Cleared Private org.	Any other
2013-14	11	7	1	2	1
2014-15	43	17	4	10	9
2015-16	43	20	2	15	6

24. Students Progression

Students Progression	Percentage against enrolled (2015-16)	Percentage against enrolled (2016-17)
UG to PG	13.70	13.70
PG to M.Phil	-	-
PG to Ph.D	2	-
Ph.D to Post-Doctoral	-	-
Employed		
• Campus selection	15	15
• Other than campus recruitment	80	80
Entrepreneurs	5	5

25. Diversity of staff:

Percentage of faculty who are graduates	
Of the same parent University	69.24
From other Universities (UT)	30.76
From other Universities from other States	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

- 03 (Ph.D's)

27. Present details about infrastructural facilities:

a) Library:

- Library with seating capacity of 200 is fully equipped with latest edition of text and reference books. The total number of text books exceeds 11,811 and reference books number 167. There are various sections in the library which includes Magazines (7 in a month), Newspapers (7), Journals (11). During 2016-17, the library has been expanded to a sitting capacity of 250 students.
- Research Centre has been especially created in the library to make available research facilities for six post graduate streams running in the department.

b) Internet facilities of staff and students: Data Processing laboratory equipped with internet and wi-fi facility provide research facility to Staff and Post Graduate students. SPSS software is installed for research analysis.

c) Total number of class rooms : 25

d) Class rooms with ICT facility : 1

e) Students laboratories : 19

f) Research laboratories:

- Agronomy, Soil, Horticulture, Entomology, Bio control, Livestock product management, Microbiology, Agricultural Botany
- Students Farm, Soil Testing Machine, Data Processing laboratories have been specially structured for Post Graduate research.

28. Number of students of the department getting financial assistance from college:

Year	M.Sc.	B.Sc.
2011-12	06	10
2012-13	02	09
2013-14	01	10
2014-15	06	10
2015-16	03	12

29. Was any need assessment exercise undertaken before the development of new programs?

If so, give the methodology:

- The proposal to add new post graduate streams in Soil Science, Veg. Science and Entomology was considered in the department staff meetings. The need was put up in the proceedings. Then the proposal was put up in Board of Studies meeting where it was discussed, studied and put up for approval in the

next Board of Studies. The proposal was unanimously passed by the members. Ultimately the decision was approved and passed by the Academic Council. The following streams were passed to be started in the following years.

2015-16 - M.Sc. in Soil Science and Vegetable Science

2016-17 - M.Sc. in Entomology

Similarly, regarding the syllabi and curriculum, members of Board of Studies 2016 suggested changes as per latest recommendations of I.C.A.R. The feasibility and viability of the proposal was looked into, studied and discussed. Keeping in view the available infrastructure and teachers, the proposal was then put up for discussion in Academic Council which approved and passed to implement 5th Dean Committee report of I.C.A.R from 2016-17.

Six diplomas and 3 certificate courses were considered in Board of Studies and passed in Academic Council-2016 to cater to the demand of those who want to pursue the field on commercial lines. Out of six approved diplomas, two (diploma in landscaping and seed technology) have been formally introduced and classes started for the session 2016-17.

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning- evaluation? If yes, how does the department utilize it?

- The feedback from the faculty regarding curriculum and teaching learning evaluation are generally obtained in department staff meetings which are held from time to time.

The department uses this feedback to make future proposals regarding syllabi, curriculum to be changed if required. The changes suggested are put up before Board of Studies for discussion and approval of all members. The unanimous decision is then put up for approval in the academic council.

(b) Students or staff, curriculum as well as teaching-learning-evaluation and What is the response of the department to the same?

- The students are provided feedback performs to evaluate their mentors, give their comments and feedbacks about the teachers, curriculum and the constraints they are facing. The feedback is duly studied, and necessary steps are taken to address deficiencies/suggestions.
- Tutorials are also conducted from time to time to get feedback.

(c) Alumni and employers on the programmes and what is the response of the department to the same?

The alumni working in various capacities in state agricultural department, mandis, agro banks have been helpful in coordinating off campus training programmes of our students. Their positive suggestions are incorporated in the curriculum. Alumni occupying important positions give feedback on latest agricultural technologies and agronomic practices which are helpful to the faculty from time to time.

31. List the distinguished alumni of the department (maximum 10):

Sr.No	Distinguished alumni	Department/Institution
1.	Dr. Khem Singh Gill	Former VC, PAU, Ludhiana
2.	Dr. K.S. Aulakh	Former Vice Chancellor. P.A.U. Ludhiana.
3.	Dr. Milkha Singh Aulakh.	Former Vice Chancellor, Banda University of Agriculture & Technology, Banda.
4.	Dr. B.S. Dhillon	Vice Chancellor, PAU, Ludhiana
5.	Dr. S.S. Negi.	Vice Chancellor, Horticulture University, Solan.
6.	S. Swarn Singh,	Former Pro-Vice Chancellor. Punjabi University, Patiala.
7.	Dr. N.S. Randhawa,	Former Director General, ICAR.
8.	Dr. Rabinder Kumar Rampal	Former Director Agriculture, Punjab
9.	Dr. S.S. Bains	Former Director Agriculture., Punjab.
10.	Dr. Gurdial Singh.	Former Director, Agriculture. Punjab.

32. Give details of students enrichment programmes (special lectures/ activities) with external experts.

Sr. No.	Title of Activity	Sem/Conf/ workshops	Year	External Experts
1.	Guest Lecture Felicitation Activity		2013	Dr. M.S. Swaminathan Father of Green Revaluation in India.
2.	Guest Lecture		2013	Dr. K.L. Chadha (Icon of Indian Horticulture)
3.	Plant Fest. Guest lecture on 'Let's go green to make globe clean'		Mar 14, 2015	Dr. Renu Bhardwaj Senior Scientist Department of Botany GNDU, Amritsar
4.	A special lecture on MSP in fodder crops and improved cultural practices of forage crops was delivered.		Mar 26, 2015	Dr. P.K. Ghosh, an eminent Scientist at ICAR.
5.	Launching of “Agents of change programme”. This programme conceptualized by CIPT (Center of International Projects Trust, New Delhi) which is India office of Colombia Water Centre (US) in collaboration with P.G. Department of Agriculture, Khalsa College. As a part of the programme, students interacted with farmers of 65 villages and extension officers to understand the main problems facing agricultural sector in Punjab and also familiarized the student with issues and challenges facing this sector. The students visited 65 villages (groups of 65 teams) and prepared comprehensive report of each village of the programme.		July 23, 2015	Noted economist Dr. S.S. Johal.
6.	Knowledge Sharing meeting titled " Water Energy and Agriculture Sustainability in Punjab ".		2015	1. Dr. Kevin Teisin. Senior Programme specialist, IDRC, Marga Weiss, Director Administration

Sr. No.	Title of Activity	Sem/Conf/workshops	Year	External Experts
				Columbia Water Centre. 2. Ms. Apurva Chaturvedi. Programme specialist USAID.
7.	The department organized a guest lecture on Skill Development and Organic Agriculture on Feb 13, 2016 where Mr. Amol, manager, Skill Development Corporation, New Delhi stressed on skill development in Agriculture. talked about organic farming and its relevance in these days.		Feb 13, 2016	Mr. Amol, Manager, Skill Development Corporation, New Delhi. Mrs. Pushpa Joshi, Social scientist, Organic Community Board Uttrakhand .

33. List the teaching methods adopted by the faculty for different programme.

B.Sc. (Hons.) Agriculture:

- Lecture, Group discussion conventional teaching methods like along with latest ICT based technologies are used for general teaching. Assignments are given to the students on key areas of syllabi.
- Training programmes and educational visits are arranged where the students get an opportunity to interact with the farmers, extension workers, state agencies (MARKFED, IFFCO, grain markets, agricultural banks , cooperative societies, government nurseries and orchards, fruit research station , quarantine are few to cite.
- Field and demonstration trials for students.

M.Sc. Agriculture (All Streams):

- Lecture, Group discussion methods are used for general teaching. Assignments are given to the students on key areas of syllabi.
- Credit seminars
- Research Trials by students
- Seminar for presentation of Synopsis for research project(Thesis).
- Thesis seminar before submission of Thesis.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

This is ensured through getting feedbacks from the students during tutorials groups and the same is discussed with the principal in a general meeting that follows. The constraints observed in the academics, curriculum, syllabi are also put forward by the students in the feedback performas..The constraints observed are identified and assessed so as to evolve effective programmes to overcome the barriers to better learning outcomes.

35. Highlight the participation of students and faculty in extension activities.

- The participation of students in Agents of Change programme (Ist Phase-2015-16) is one such endeavour. The programme conceptualized by Columbia Water Centre (US) with a joint initiative with P.G. Department. Of Agriculture, Khalsa College assumes significance in times when the state agriculture is in grave crisis owing to depleting water resources and deterioration of soil and human health. The programme has been a great success and became popular with the students who were engaged in interacting with farmers of 65 villages in their district. They disseminated information through web portal and mobile applications containing useful information on crop production, weather and marketing of major agricultural crops .These applications were installed by the student on the mobile phones of the farmers for their use. They also guided farmers how to use these applications for better agriculture.
- CIPT which is India office of Columbia water center with the students of the department will test the data collecting ability of a drone prototype and its usefulness during the next course of Agents of Change programme. This low cost drone prototype known as Quad copter will be developed by CIPT for the purchase by farmers in years to come was introduced during formally launching of the programme. The device was flown over the agricultural fields on the campus to know the moisture contents in the soil as well as health of the crop.

The department arranged following training programmes for B.Sc. VII and VIII semester elective groups:

- One week Bee Keeping training
- One week training on extension services offered by various agencies: Chief Agriculture Officer; Dy. Director Horticulture; MARKFED and IFFCO.
- One week training in various rural and State Cooperative banks to study various services provided by banks to the farmers.
- A visit to Grain market, Batala to acquaint the students with marketing services provided by the state and problems faced by the farmers in marketing the produce.
- One week training of horticulture on orchard management schedules (hoeing, weeding, pruning of Kinnow and peach orchard), planting and cutting of varieties of plum, lay out of the field and planting of the cuttings.
- Two days training on production of button mushrooms and dhingri was impacted by producers in Dehriwal Mushroom Farms (Jandiala block).
- Visit to Government Nursery & Orchard, Attari, Centre of Excellence, Kartarpur and Fruit Research Station, Jallowal.
- One month training on 'Role of plant quarantine in Bio security at Regional Plant Quarantine Statio.

- Visit to Integrated Check Post, Attari. For acquaintance with role played by ICP in preventing the entry of quarantine pests into India.
- Visit to "Bhagat Puran Singh Natural Agricultural Farm, Manawala" to learn about the agronomic practices followed at the farm and different organic ways of cultivation of field crops and pest controls.
- A week long training on processing and canning of fruits at Khalsa College Canning Centre by Ms Harpreet Kaur, HDO, Dept of Agriculture, Punjab 2016-17(October).
- A week long training at Dehriwal (one of the largest mushroom growing areas of Punjab), district Amritsar on Mushroom cultivation (OCTOBER).
- As part of the Agents of Change programme (IInd phase) was conducted from 15.10.16 - 24.10.16, field visits were organized in which sixteen teams of ten students each from the department visited villages of Amritsar district and interacted with the farmers. The students gathered information about the challenges being faced by the farmers and the agriculture sector. During the visits, students used an 'educative cum entertainment' approach to interact with the farmers. For this, they used an informative floor game designed by CIPT. The game is an adaptation from the Indian traditional game Saanp Seedhi (Snakes and ladders) conceived by CIPT. The key objective of this game is to build knowledge among farmers on water conservation, sustainable farming and crop management related topics through gaming methodology.

36. Give details of "beyond syllabus scholarly activities" of the department.

- Imparting trainings through various state agencies and organizations.
- Through visits to important sites relating to the field
- Visit to the adopted villages to know about the ground realities.
- Organizing seminars, guest lectures and workshops.
- Holding of talent search among students.
- Attending Kissan Mela in KVKs and Agricultural Universities
- Communicating with progressive farmers of the area

37. State whether the programme/department is accredited/ graded by other agencies. Give details. No.

38. Details any five strengths, Weakness, Opportunities and Challenges (SWOC) of the department.

Strengths	Weaknesses
1. P.G. department of Agriculture, Khalsa College is the only institution under GNDU offering B.Sc. and M.Sc. degree in Agriculture. B.Sc. started in 1931 and M.Sc. in Agriculture in 1966.	1. The department does not have facilities and approval to carry on course work and research for those pursuing doctorate under the faculty of Agriculture and Forestry, Guru Nanak Dev University, Amritsar under new UGC guidelines.
2. The department boasts of 100% employment of its graduates and post graduates in various central government,	2. There is no provision of Fruit research centre to cater to the problems confronted

<p>state government, semi government, private and international organizations.</p> <ol style="list-style-type: none"> 3. To provide practical knowledge to the students and to carry out research activities, the department has 65 acres of cultivable walled farm land. Student research farm is especially reserved for students for their post graduate research. 4. Farmers Training Centre, Khalsa College Amritsar established in 1969 under grant in aid scheme cater to the community service of rural people of the region. 5. Bio-pest control laboratory has been established in the department to biocontrol agents (parasitic insects) as the organic way of pest control and to make available the technology as substitute of chemical pesticides which are detrimental to the health of the society at large. 6. Soil testing laboratory has been started recently for the benefit of the farmers of this region. A sum of 25 lakh has been spent to purchase equipment from abroad. 	<p>by the growers in this belt. College Nursery is not fully mechanized and equipped with latest techniques of propagation.</p> <ol style="list-style-type: none"> 3. Library needs upgradation. There is urgent need of e-library having online subscription of e-journals and subscription of various educational sites. 4. The department does not have Agri Clinics wherein the farmers can directly come with their crop related problems and seek solutions. 5. There is shortage of qualified faculty in various streams.
<p>Opportunities</p>	<p>Challenges</p>
<ol style="list-style-type: none"> 1. Provision of course work for doctoral degree candidates can be considered for perusal 2. The department has an opportunity to start fruit research centre in the premises which can conduct research on the fruits grown in the region and also provide consultancy services to the farmers. College nursery can be up graded for availability of mother plants and to meet the demand commercially for the popular varieties. 3. Need for e-library can be met through upgradation. 4. College Nursery needs to be mechanized and equipped with latest techniques of propagation. There should be installation of green house/ poly house for the production and maintenance of plants of fruits, flowers etc of latest and hybrid varieties. There should be availability of mother plants of improved and hybrid varieties. The introduction and availability of hybrid and exotic varieties of flowers and ornamental plants should be in the nursery so as to make a model nursery of floriculture which is one of the options for diversification for the farmers to emulate. 5. Ample scope of Agri-clinics to deal with consultancy services. 	<ol style="list-style-type: none"> 1. Mushrooming of agricultural colleges in the state has thrown major challenges of employment opportunities hitherto being enjoyed by our agricultural students (100% placement). 2. There is not only an urgent need to maintain the departments profile and erstwhile glory but also a challenge to bring the department at par with the universities. 3. Since three new post graduation streams have been added to the already running three streams, it is important to bring new streams at par with the running ones in terms of infrastructure and academics 4. Mushrooming of agricultural colleges and the addition of post graduation streams has led to shortage of staff in the existing streams. 5. Since organic ways of cultivation are being practiced on the college farm, it is a big challenge to sustain them under the present agricultural scenario. 6. Due to climate change and exploitation of natural resources, there has emerged a need of new studies such as plant breeding, climatology etc.

39. Future plans of the department

- To make it a centre of research, fully computerized e-library with on line facility of e- journals and subscription of educational sites with fully equipped laboratories is being given a thought.
- There is also a plan to run course work for those pursuing doctoral degree in agricultural sciences under the faculty of Agriculture and Forestry of GNDU, Amritsar which at present are being run in the departments of Botany and Environmental sciences of GNDU.
- One research scholar with stipend of Rs 10,000 for each post graduate stream is also under consideration for studying various regional problems confronting agriculture.
- The department plans to start fruit research centre and provide consultancy services to the growers in this regard
- The department plans to start six diplomas and three certificate courses to cater to the needs of the society in terms of providing skill for various vocations and to guide the enterprising farmers and the youth of today.

Evaluative Report of P.G. Department of Botany

1	Name of the Department	P.G. Department of Botany	
	Year of Establishment	1915	
2	Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	• M.Sc. (Botany)
		UG Courses	• B.Sc. (Medical)
3	Interdisciplinary courses and departments involved:	---	
4	Annual/semester/ choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	Department	Course
		Chemistry	M.Sc. (Chemistry)
		Agriculture	B.Sc. (Agriculture Hons.)
		Bio-Technology	B.Sc. (Bio-Technology)

6. Number of Teaching post sanctioned and filled

Teaching posts	Sanctioned	Filled
Professor	-	-
Associate Professor	01	01
Assistant Professor	14	7+7*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Regular Faculty:

S. No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided in last 4 years
1	Mrs. Kirandeep Kaur	M.Sc., M.Phil.	Associate Professor	Plant Physiology	25	Nil
2	Mrs. Kulbir Kaur	M.Sc. B.Ed. M.Phil.	Assistant Professor	Genetics	30	Nil
3	Dr. Heminder Singh	M.Sc. Ph.D.	Assistant Professor	Plant Pathology	1	Nil
4	Dr. Navkiran Randhawa	M.Sc.(HS) Ph.D.	Assistant Professor	Plant Physiology	1	Nil
5	Dr. Harjinder Singh	M.Sc. M.Phil. Ph.D.	Assistant Professor	Phycology	1	Nil

6	Dr. Madhu	M.Sc. M.Phil. Ph.D.	Assistant Professor	Natural Plant Products	1	Nil
7	Dr. Jasmine Brar	M.Sc. Ph.D.	Assistant Professor	Plant Tissue Culture	4	Nil
8.	Dr. Sachin Dhawan	M.Sc. Ph.D.	Assistant Professor	Seed Technology	5	Nil

Adhoc Faculty

1.	Dr. Rajbir Singh	M.Sc. Ph.D. PDF	Assistant Professor	Cancer Biology & Phytochemistry	5	Nil
2.	Mrs. Navdeep Kaur	M.Sc. M.Phil.	Assistant Professor	Botany	5	Nil
3.	Dr. Sushant Sharma	M.Sc. M.Phil. Ph.D.	Assistant Professor	Taxonomy of grasses	2	Nil
4.	Mrs. Pardeep Kaur	M.Sc.	Assistant Professor	-	2	Nil
5.	Miss. Ramandeep Kaur	M.Sc.	Assistant Professor	-	2	Nil
6.	Miss. Manjinder Kaur	M.Sc.	Assistant Professor	-	2	Nil
7	Dr. P.K Ahuja	M.Sc. M.Phil. Ph.D.	Assistant Professor	Plant Physiology	20	Nil

8. Percentage of classes taken by temporary faculty – programme-wise:

S.No.	Classes	2012-13	2013-14	2014-15	2015-16	2016-17
1	B.Sc. Medical	38.46	41.51	75.09	55.90	52.63
2	M.Sc. Botany	65	56.83	70.54	57.80	33.33
3	M.Sc. Chemistry	100	100	100	100	100
4	B.Sc. Biotech	100	100	100	100	100
5	B.Sc. Agriculture	100	100	100	100	100

9. Programme-wise Student Teacher Ratio:

S.No.	Class	2015-16	2016-17
1	B.Sc. (Med.)	15:1	15:1
2	M.Sc. Botany	17:1	17:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

No. of academic support staff	2012-13	2013-14	2014-15	2015-16	2016-17
Sanctioned	10	10	10	10	10
Filled	3+5	3+5	3+5	3+5	3+5*

*Post filled on adhoc basis.

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. : Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received- Nil

13. Research facility/centre with State/National/University recognition: The affiliating university does not allow the creation of research centre.

14. Publications:

S. No.	Name of the Faculty	Number of papers published in peer reviewed journals/ (national/ international)	Books with ISBN no. and its publisher	Chapters in books	Books Edited	Citation Index-Range/ average	IF-Range/ average	H-index	I-index
1	Mrs. Kirandeep Kaur Hundal	4	—	—	—	—	—	—	—
2	Dr. Navkiran Randhawa	7	—	—	—	—	0.29	—	—
3	Dr. Heminder Singh	9	—	—	—	—	0.04-2.4	—	—
4	Dr. Harjinder Singh	4	—	—	—	—	—	—	—
5	Dr. Madhu	6	—	1	—	2 to 15	0.5 - 0.9	7	3
6	Dr. Jasmine Brar	7	—	2	—	1 to 12	0.31-2.63	—	—
7	Dr. Rajbir Singh	5	—	—	—	5 to 143	2.19-4.17	10	—
8	Dr. Sushant Sharma	6	—	—	—	1 to 5	0.17- 1.35	2	—

15. Details of patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies:

Faculty members attend General Orientation Courses, Refresher Courses and Workshops conducted by various Universities and Institutes. Teachers also participate in seminars and conferences organized by different institutes. Regular departmental meetings and discussion also help in faculty recharging.

18. Student projects

(a) Percentage of students who have done in-house projects including inter-departmental -

Course	No. of students who have done in house projects during 2015-16	Percentage
M.Sc. (Botany) IV	33	100

(b) Percentage of students doing projects in collaboration with industries / institutes

Course	No. of students who have done in house projects during 2015-16	Percentage
M.Sc. (Botany) II	33	100

19. Awards / recognitions received at the National and International level by the faculty:

S. No.	Name of Faculty	Awards/Recognitions
1	Dr. Sushant Sharma	Awarded Post Doc Fellowship by South African National Biodiversity Institute (SANBI)
2	Dr. Rajbir Singh	Awarded Post Doc Fellowship by Cancer Medical centre, Georgetown University, Washington D.C. USA on UPLC-MS based biomarker discovery of Pancreatic Cancer and Radiations
3	Dr. Rajbir Singh	Ist Prize in Poster Presentation at the National Seminar on Recent Trends in Plants and Environment Sciences held at GNDU (Feb., 2017), organized by Department of Botanical & Environmental Sciences, Amritsar

20. Seminars/ Conferences/Workshops organized and the source of funding (national/ International) with details of outstanding participants, if any.

S.No.	Theme	Date & Year	Resource Person	Funding Agency
1.	One day seminar on “Water Conservation and Management”	Nov.01,2012	Dr. Adarsh Pal Vig	Self Finance
2.	One day seminar on “Radiations and their hazards with special reference to mobile”	Oct.17, 2014	Dr. Bhajan Singh Lark	Self Finance
3.	One day seminar on “Flowering Plants and their Aesthetic Value”	Mar. 03,2015	Prof. (Dr.) Saroj Arora	Self Finance
4.	One day seminar on “Plants and Society”	Oct.15,2015	Prof. (Dr.) Saroj Arora	Self Finance
5.	One day seminar on “Greenery to Granary”	Oct.17,2015	Prof. (Dr.) Amarjit Singh Soodan	Self Finance
6.	One day seminar on “Landscape and Floriculture for Human Environment”	Mar.02, 2016	Dr. J.S. Bilga	Self Finance
7.	One day seminar on “Biodiversity and its Conservation”	Mar.31,2016	Prof. (Dr.) Satwinderjit Kaur	Self Finance
8.	One day seminar and Poster Competition on “Glorious Ancient Indian Science”	Oct. 25, 2016	Dr. Adarsh Pal Vig	Self Finance
9.	One day seminar on “Sustainability of plants in the era of climate change”	Oct. 26, 2016	Prof. (Dr.) Renu Bhardwaj	Self Finance

21. Student profile course-wise:

Name of the Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2011-12					
M.Sc. I Botany	37	--	25	---	100
M.Sc. II Botany		0	23	--	100
B.Sc. I (Medical)	70	09	57	77.78	75.43
B.Sc. II (Medical)		04	12	100	100
B.Sc. III (Medical)		01	14	100	100
2012-13					
M.Sc. I Botany	34	1	24	100	100
M.Sc. II Botany		0	25	--	100
B.Sc. I (Medical)	150	20	121	60	74.7

Name of the Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B.Sc. II (Medical)		7	43	50	100
B.Sc. III (Medical)		4	13	100	100
2013-14					
M.Sc. I Botany	50	2	28	100	100
M.Sc. II Botany		1	24	100	100
B.Sc. I (Medical)	197	27	137	100	100
B.Sc. II (Medical)		9	100	100	100
B.Sc. III (Medical)		3	34	100	97
2014-15					
M.Sc. I Botany	38	3	27	100	100
M.Sc. II Botany		0	29		100
B.Sc. I (Medical)	200	22	164	93	99.3
B.Sc. II (Medical)		12	110	99	93
B.Sc. III (Medical)		9	96	100	100
2015-16					
M.Sc. I Botany	108	0	35		100
M.Sc. II Botany		3	26	100	100
B.Sc. I (Medical)	199	20	160	70	95.4
B.Sc. II (Medical)		19	126	71	87
B.Sc. III (Medical)		10	105	100	100

22. Diversity of Students

Name of the course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other states	Percentage of students from other countries
2011-12				
M. Sc. Bot Sem I	4	8	88	0
B. Sc. Medical-I	0	98	2	0
B. Sc. Medical-II	0	94	6	0
B. Sc. Medical-III	0	100	0	0
2012-13				
M. Sc. Bot Sem I	8	29	63	0
B. Sc. Medical-Sem I	0	100	0	0
2013-14				
M. Sc. Bot Sem I	7	46	47	0
B. Sc. Medical-Sem I	0	99	1	0
2014-15				
M. Sc. Bot Sem I	17	49	33	0
B. Sc. Medical-Sem I	0	100	0	0
2015-16				
M. Sc. Bot Sem I	37	46	17	0
B. Sc. Medical-Sem I)	0	100	0	0
2016-17				
M. Sc. Bot Sem I	0	68	32	0
B. Sc. Medical-Sem I	0	100	0	0

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? – Nil

24. Student progression:

Student Progression	Percentage Against Enrolled
UG to PG	50
PG to M.Phil.	6
PG to Ph.D.	10
Employed	
• Campus selection	
• Other than campus recruitment	65
Entrepreneurs	10

25 Diversity of staff :

Percentage of faculty who are graduates	
Of the same parent university	53.3
from other universities within the State -	20.0
From other universities from other states	26.6

26 Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

S.No.	Degree Awarded	No. of faculty members
1.	Ph.D.	1

27. Present details about infrastructural facilities:

S.No.	Facility	Total No.
a)	Library	Books: 2133 Journals: 7
b)	Internet facilities for staff and students	Yes
c)	Total number of class rooms	03
d)	Class rooms with ICT facility	01
e)	Students' laboratories	02
f)	Research laboratories	02

28. Number of students of the department getting financial assistance from College:

Course	Number of students getting financial assistance from		
	College	Government	Total
B.Sc Medical	44	33	77
M.Sc Botany	05	10	15

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

A detailed research is carried out before initializing any academic programme. A team of senior faculty members is constituted to survey the academic and industry requirements of the new course. The committee explores the scope and utility of the programme. Thereafter, syllabus for the course is designed and put to the Board of studies for discussions and modifications. After clearance from the Board of studies the programme proposal is forwarded to academic council and then to the Governing council for clearance.

30. Does the department obtain feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

- Feedback from faculty is obtained in staff meetings, monthly meetings and meetings of the Board of Studies regularly. The suggestions are accordingly implemented.
- The teachers of the department are encouraged to participate in seminars/ conferences / workshops / orientation and refresher courses together information about introduction and sustainability of a specific program. Those ideas and suggestions are implemented in academic curriculum.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

- Feedback from students is taken on confidential Performa's, tutorial groups and through interaction with HOD. Suggestions are taken into consideration and accordingly acted upon.

c. Alumni and employers on the programmes and what is the response of the department to the same?

- Feedback reports are obtained from the alumni and stake holders of the college. In the departmental meetings those feedback are discussed and implemented for development of the department.

31. List the distinguished alumni of the department

S. No.	Name	Designation	Institute
1	Dr. Pathak	Former Director	PGI
2	Dr. AvinashNagpal	Professor	Deptt. of Botanical & Environmental Sci. GNDU
3	Dr. Khem Singh Gill	Geneticist & Former Vice-Chancellor	PAU Ludhiana
4	Dr. Daljeet Singh	Eye Surgeon	Eye Hospital, Amritsar
5.	Dr.Avtar Singh Padda	Director cum Principal	Medical College, Amritsar
6.	S. Baljeet Singh	Retd. Professor	Khalsa College Amritsar
7.	Dr. Amandeep Kaur	Director	Amandeep Hospital
8.	S. Amarpal Singh	Principal	KCE, Amritsar
9.	S.Tejwant Singh	Registrar	G.N.A. Phagwara
10.	Dr. Gurjit Singh	Doctor	Civil Hospital

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts:

S.No.	Type of Activity	Name of Resource Person	Topic	Date & Year	Funding Agency
1	National Science Day Celebration	Dr. Atul Khanna	“Cleaner energy options & Nuclear safety”	Oct.30,2012	PSCST, Chandigarh
2	One day seminar	Dr. Adarsh Pal Vig	Water Conservation and Management	Nov.01, 2012	Self Finance
3	National Science Day Celebration	Dr. AvinashNagpal	Genetically Modified Crops and Food Security & Quiz and Poster competition	Sept.7, 2013	PSCST, Chandigarh
4	Poster Competition on	Dr. Bhajan Singh Lark	Radiations and their hazards with special	Oct.17,2014	Self Finance

S.No.	Type of Activity	Name of Resource Person	Topic	Date & Year	Funding Agency
	Environment and One day seminar		reference to mobile		
5	National Science Day Celebration	Dr. S.S. Hundal & Dr. Ravi Chand	Scientific Temperament & Quiz and Poster Competition	Oct 30 , 2014	PSCST, Chandigarh
6	National Science Day Celebration	Dr.Sukhdev Singh & Dr.Vandana Bhalla	Science for Nation Building	Feb.28,2015	PSCST, Chandigarh
7	Inter-College Flower Show Spring-2015 and One day seminar	Prof.(Dr.) Saroj Arora	Flowering Plants and their Aesthetic Value	Mar.03,2015	Self Finance
8	Guest Lecture	Prof.(Dr.) Sukhdev Singh	Receptor-ligand Interaction in Nature	Aug.07,2015	Self Finance
9	Poster Competition and One day seminar	Prof.(Dr.) Saroj Arora	Plants and Society	Oct.15,2015	Self Finance
10	Grain and Millet Show and one day seminar	Prof.(Dr.)Amarjit Singh Soodan	Greenery to Granary	Oct.17,2015	Self Finance
11	Guest Lecture	Prof.(Dr.)Jatinder Singh	Biochemistry in Daily Life	Dec.24,2015	Self Finance
12	National Science Day Celebration	----	Make in India: Science & Technology Driven Innovations	Mar.01,2016	PSCST, Chandigarh
13	Inter-College Flower Show Spring-2016 and one day seminar	Dr. J.S. Bilga	Landscape and Floriculture for Human Environment	Mar.02,2016	Self Finance
14	One day seminar	Prof. Satwinderjeet Kaur	Biodiversity and its Conservation	Mar.31,2016	Self Finance
15	One day seminar and Poster Competition	Dr. Adarsh Pal Vig	Glorious Ancient Indian Science	Oct. 25, 2016	Self Finance
16	One day seminar	Prof.(Dr.)Renu Bhardwaj	Sustainability of plants in the era of climate change	Oct. 26, 2016	Self Finance

33. List the teaching methods adopted by the faculty for UG/PG programmes.

Under Graduate Courses

- a) Lecture method
- b) Assignments
- c) Quiz
- d) Debates
- e) Models
- f) Charts
- g) Slides
- h) Materials
- i) Specimens

Post Graduate Courses

- a) Lecture method
- b) Over Head Projector
- c) LCD projector
- d) Models
- e) Charts
- f) Seminars
- g) Field trips
- h) On job training
- i) Research techniques

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- By getting feedback from students during convocations and alumni meet.
- By getting feedback from industry personnel.
- Students of the Department from farming background are motivated to use bio waste for converting it into vermicompost. The method is demonstrated during workshops organized in the College. Many of the students have started such projects on their farms in their villages.

35. Highlight the participation of students and faculty in extension activities.

- Botanical society organizes intercollege flower show every year.
- Botanical society organizes various awareness rallies regarding social and environmental issues.
- Students of the Department participate very actively in NSS and Youth Club activities
- Social service like teaching the children of migrant laborers in the campus by faculty and students of the department.
- Department organizes educational trips to enrich the students’ knowledge with flora of various geographical regions.

36. Give details of “beyond syllabus scholarly activities” of the department.

- Excursion to various places like Wetland (Harike, Pathankot), Science City (Kapurthala) and industries like Sugar mill, Milk Plant, visit to Research Center of G.N.D.U., Amritsar etc.
- Organized Poster Competition on Environment (Pollution, Biodiversity, Swachh Bharat Abhiyan etc.) to make the students aware about the importance, maintenance and protection of Environment.
- Organized Inter-College Flower Show to sensitize the students about conservation of Biodiversity and love for mother nature.
- Department organizes extension lectures, seminar, workshops and competitions to upgrade the student’s knowledge and skill.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. – No

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Weaknesses
1. The department has qualified (9 Ph.D. holders), dedicated, competent staff with good teaching and research experience.	1. The Library needs to increase online access to e-books and e-journals.
2. The laboratories are well equipped with recent scientific instrumentation and chemicals.	2. No collaborations with industries for placements.
3. Rich Departmental library.	3. Acute shortage of regular/ permanent faculty.
4. Botanical Garden with a large number of	4. Acute shortage of technical staff (Regular).
	5. Computer/ICT lab and internet access is

<p>plants including medicinal plants, fruit trees, ornamental plants, ferns, various species of cacti, hydrophytes, gymnosperms etc.</p> <p>5. High enrolment of students through transparent admission process and number of students increasing in every occasion.</p>	<p>required for PG students.</p>
Opportunities	Challenges
<ol style="list-style-type: none"> 1. The subject offers great scope in the field of biotechnology. 2. To create more industry-Institution linkages. 3. Counseling and guidance for competitive exams like CSIR-NET, M.Phil., Ph.D. etc. 4. Career and placement guidance. 5. Educational trips to make students familiar with flora of different geographical regions. 	<ol style="list-style-type: none"> 1. To motivate students to go in for further research. 2. To develop soft skills among students. 3. To update socially and economically backwards students having poor academic background. 4. To apply for minor and major research projects. 5. Use of latest technologies with respect to hardware and software.

39. Future plans of the department.

- Linkage with industry and research institutes for project training and placement of the students.
- Upgradation of tissue Culture Laboratory.
- Upgradation of syllabi so as to prepare students for global competition, CSIR-NET examination and job opportunities.
- The department intends to expand its library in terms of seating and online access.
- To maintain Botanical Garden according to National and International standards.

Evaluative Report of P.G. Department of Biotechnology

1	Name of the Department	P. G. Department of Biotechnology
	Year of Establishment	2002
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	<ul style="list-style-type: none"> • M. Sc. (Biotechnology) • B. Sc. (Biotechnology)
3	Interdisciplinary courses and the departments involved	Nil
4	Annual/ semester/choice based credit system	Semester System
5	Participation of the department in the courses offered by other departments	B. Sc. Agriculture Bachelor in Physiotherapy

6. Number of Teaching Posts Sanctioned and filled

Teaching posts	Sanctioned	Filled
Professors	....	----
Associate Professors	.....	----
Assistant Professors	5	8*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Regular Faculty

Name	Qualification	Designation	Specialisation	Years of experience	No. of Ph.D./ M.Phil guided in last 4 years
Dr. Kamaljit Kaur	M.Sc., Ph.D.	Assistant Professor	Animal Tissue Culture & Animal Biotechnology	9.5	N.A.
Dr. Balwinder Singh	M.Sc., Ph.D.	Assistant Professor	Plant Tissue Culture & Plant Biotechnology	10.5	N.A.
Dr. Mukesh Chander	M.Sc., Ph.D.	Assistant Professor	Microbiology	9.5	3 M.Phil's
S. Jaspreet Singh	M.Sc., Ph.D. (thesis submitted)	Assistant Professor	Biochemistry	12	N.A.

Adhoc Faculty

Name	Qualification	Designation	Specialisation	Years of experience	No. of Ph.D./ M.Phil guided in last 4 years
Mrs. Sandeep Kaur	M.Sc.	Assistant Prof.	Biotechnology	7	N.A.
Ms. Nancy Mehra	M.Sc.	Assistant Prof.	Molecular Biology & Biochemistry	7	N.A.
Dr. Preet Kanwal Kaur	M.Sc. , Ph.D.	Assistant Prof.	Microbiology	2.5	N.A.
Dr. Harpreet Kaur	M.Sc. , Ph.D.	Assistant Prof.	Microbiology	2	N.A.

8. Percentage of classes taken by temporary faculty – programme-wise information:

S. No.	Class	2012-13	2013-14	2014-15	2015-16	2016-17
1	B.Sc. Biotechnology	20	20	60	70	70
2	M.Sc. Biotechnology	-	-	-	30	30

9. Student -Teacher Ratio (programme wise)

S. No.	Class	2015-16	2016-17
1	B.Sc. Biotechnology	3:1	3:1
2	M.Sc. Biotechnology	17:1	19:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Sanctioned = Nil Filled = 4

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Dr. Balwinder Singh

Grant Agency	Title of the project	Duration	Major/minor	Amount sanctioned in lacs (Rs.)
UGC	Characterization of bio-macromolecules in seeds of some wild and cultivated chenopods (As Principal Investigator)	3 years (2015-18)	Major	Total cost : 14.44 1 st installment received : 11.49

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received:

Dr. Balwinder Singh

Grant Agency	Title of the project	Duration	Major/minor	Amount sanctioned in lacs (Rs.)
UGC	Characterization of biomacromolecules in seeds of some wild and cultivated chenopods	3 years (2015-18)	Major	14.44
DST	Detection and management of viruses infecting potato plants in Punjab (As Principal Investigator)	3 years (2012-15)	Major	24.93
UGC	Micropropagation of Rough lemon (<i>Citrus jambhiri</i> Lush)	3 years (2009-12)	Major	4.93

Dr. Mukesh Chander

Grant Agency	Title of the project	Duration	Major/minor	Amount sanctioned in lacs (Rs.)
UGC	Designing of Solid State Bioreactor for Degradation of Coloured Industrial Waste Water Using Some White Rot Fungi	Three years (2009-2012)	Major	14.35

S. Jaspreet Singh

Grant Agency	Title of the project	Duration	Major/minor	Amount sanctioned in lacs (Rs.)
UGC	Processing of <i>Cochlospermum religiosum</i> gum for industrial use.	Two years (2011-13)	Minor	1.70

13. Research facility/centre with state/National/International Recognition:

The affiliating university does not allow the creation of research centres in the affiliated college.

14. Publications :

S. No.	Name of Faculty	Paper Published National/ International	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN number	Number listed in International database	Citation index	SNIP	SJR	Impact factor range	h-Index
1	Dr. Kamaljit Kaur		-	-	-	-	-	-	-	-	-	-
2	Dr. Balwinder Singh	13	-	3	-	-	-	-	-	-	-	-
3	Dr. Mukesh Chander	3	-	-	1	978-3-659-52985-6	-	338	-	-	0.68 to 2.8	5
4	S. Jaspreet Singh	7	-	-	-	-	-	-	-	-	-	-

15. Details of patents and income generated : Nil

16. Areas of consultancy and income generated : Nil

17. Faculty recharging strategies :

Faculty members organize/attend the Orientation Courses, Refresher courses, Workshops, National and International Seminars/Conferences/Invited lectures and Quiz Competitions.

18. Student projects:

a) Percentage of students who have done in-house projects including inter departmental/programme:

S. No.	Course	Number of student who have done in house project during 2015-16	Percentage
1	M. Sc.	12	100
2	B. Sc. (Med/Non-Med)	At present, there is no provision of in-house projects	

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:
Nil

19. Awards / recognitions received at the national and international level by

• **Faculty**

- i) Dr. Balwinder Singh got three major research projects from UGC and DST, government of India.
- ii) Dr. Balwinder Singh got Best poster award (2016) in National Conference at University of Delhi, UGC National Research Award (2015), Best Science Teacher Award (Colleges) by Punjab Academy of Sciences (2014), Best poster presentation award (2014) and Young Scientist Award by Punjab Academy of Sciences (2012)
- iii) Dr. Mukesh Chander got one major research projects from UGC.
- iv) Dr. Mukesh Chander has been elected co-ordinator of Life-Sciences of I.K.G. Punjab Technical University for three years.

• **Doctoral / post doctoral fellows** : N.A

• **Students** : N.A.

20. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

a) National

1	Funding agency	Title of activity	Year	Date	Funding Source
1.	Punjab State Council for Science & Technology	Popular Biotechnology Lecture Series	2011-12	Feb 17, 2012	PSCST
2.	Biotechnology Society	Biotechnology & its role in shaping the future in Agriculture	2015-16	April 9, 2016	Self funding

b) International

S.No.	Funding agency	Title of Activity	Year	Date	Funding Source
Nil					

21. Student profile programme/course-wise:

Name of the Course	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
2011-12					
B.Sc. Biotechnology- I	48	11	34	100	100
B.Sc. Biotechnology-II	35	05	30	100	100
B.Sc. Biotechnology-III	34	07	27	100	100
2012-13					
B.Sc. Biotechnology- I	44	07	38	100	100
B.Sc. Biotechnology-II	27	07	23	100	100
B.Sc. Biotechnology-III	35	06	31	100	100
2013-14					
B.Sc. Biotechnology- I	63	11	44	100	100
B.Sc. Biotechnology-II	41	07	36	100	100
B.Sc. Biotechnology-III	28	07	21	100	96
2014-15					
B.Sc. Biotechnology- I	70	12	46	100	100
B.Sc. Biotechnology-II	41	08	32	100	100
B.Sc. Biotechnology-III	39	07	34	100	100
M.Sc. Biotechnology-I	12	--	12	--	100
2015-16					
B.Sc. Biotechnology- I	57	16	48	92	100
B.Sc. Biotechnology-II	49	11	40	100	98
B.Sc. Biotechnology-III	37	08	30	100	100
M.Sc. Biotechnology-I	16	--	13	--	100
M.Sc. Biotechnology-II	11	--	11	--	100

22. Diversity of Students:

Year	Name of the course	% of students from the college	% of students from state	% of students from other states	% of students from other countries
2011-12	B.Sc Biotechnology	-	95.55	4.45	-
2012-13	B.Sc Biotechnology	-	92.16	7.84	-
2013-14	B.Sc Biotechnology	-	98.30	1.70	-
2014-15	B.Sc Biotechnology	-	98.03	1.97	-
2015-16	B.Sc Biotechnology	-	95.31	4.69	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NET	SLET	GATE	OTHERS
15	-	-	-

24. Student progression:

Student progression	Percentage against enrolled
UG to PG	80
PG to M.Phil.	Nil
PG to Ph.D.	7
Ph.D. to post Doctoral	Nil
Employed -Campus selection- -Other than campus recruitment	60
Entrepreneurs	N.A.

25. Diversity of staff:

Percentage of the faculty who are graduates	
Of the same parent university	100
From other university within the state	0
From other university from other state	0

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

S. No	Degree awarded	Number of faculty members
1	Ph.D	2
2	D. Sc.	....
3	D. Litt	....

27. Present details about infrastructural facilities:

S. No.	Facility	Detail
1	Library	Departmental Library Available and has 618 Books
2	Internet facilities for Staff & Students	4 Computers
3	Class rooms with ICT facility	One multimedia lab having multimedia projector and one with OHP
4	Student Laboratories	4 Available
5	Research Laboratories	1

28. Number of students of the department getting financial assistance from College:

Class	College	Government	Total
B.Sc. Biotechnology	28	13	41
M.Sc. Biotechnology	03	01	04

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

A committee is constituted to identify the need of the society and industry for a particular program before the planning of new program. This committee assesses the scope and applicability of the course program. The probable serviceable geographical area is surveyed to check whether the same program is running in other institutes and local/other students will be benefited from the new

program or not. A new syllabus is then designed for the perusal of Board of Studies. After clearance/modification from the Board of studies this new course proposal is forwarded to Academic Council, which finally finds its way to the Governing council for necessary clearance.

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from faculty on Curriculum design as well as teaching-learning-evaluation and the information obtained is utilized for the development of the syllabus as well as for organizing various seminars, expert lectures, workshops, assignments, test etc. The syllabi have been revised (when required) as per the suggestions of the faculty concerned and keeping the difficulty level of the students in mind.

(b) Student on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department for the same?

The students are an integral part of teaching-learning evaluation system. Their feedback on the staff, curriculum as well as teaching-learning-evaluation is obtained by HOD through interactions with students, through the Biotechnology Society’s meeting, tutorial groups and class representatives’ feedback. Based upon the feedback necessary actions are taken to solve both the academic and non-academic problems at the levels concerned.

(c) Alumni and employers on the programmes and what is the response of the department for the same?

The feedback from alumni of the department is obtained during alumni meet. The valuable suggestions from alumni members are utilized for the development of the department. The industrial tours and organized form time to time and suggestions of the industry are also considered for the development of the department.

31. List the distinguished alumni of the department

S.No.	Name	Address	Status
1.	Sh. Nitin Kapoor	Thermo Fisher Bangalore	Working as Manager in Thermo Fisher, a multinational Biotech Company
2.	S. Gagandeep Singh	ZS Associate Noida	Knowledge Management Associate
3.	Sh. Rajan Sharma	Swami Satyanand College of Engg. Technology, Ranjit Avenue., Amritsar	Assistant Professor
4.	S. Ravinder Singh	Quality Pharmaceuticals Amritsar	Executive
5.	Ms. Sarita Rawat	INTAS Pharma, Chandigarh	Biotechnologist
6.	S. Supreet Singh	Deptt. Of Biotech, G.N.D. University, Amritsar	Ph.D. Scholar
7.	S. Gagandeep Singh	Department of Agriculture Biotechnology, IARI, Pusa Road New Delhi	Research Scientist

S.No.	Name	Address	Status
8.	Ms. Shaffi Manchanda	Dept. of Biotechnology, G.N.D.University, Amritsar	Ph.D. Scholar
9.	Ms. Shivalika Pathania	IHBT Palampur	Ph.D. Scholar
10	Ms. Amandeep Kaur	IISR, Mohali	Ph.D. Scholar

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S.No.	Funding agency	Title of activity	Name of the Resource person	Year	Date
1.	Punjab State council for Science & Technology	Popular Biotechnology Lecture Series	Dr. Dapinder K. Bakshi Dr G Kocher Dr. S.K. Sharma Dr. Alkesh	2011-12	Feb 17, 2012
2.	Punjab State council for Science & Technology	National Science Day on “Cleaner Energy Options & Nuclear Safety”	Dr. Atul Khanna	2012-13	Oct 30, 2012
3.	Punjab State council for Science & Technology	National Science Day on “Genetically Modified Crops and Food Security”	Dr. S.S. Hundal Dr. K.S. Khera	2013-14	Sept 7, 2013
4	Punjab State council for Science & Technology	National Science Day	Dr. Ravi Chand Dr. Avinash Nagpal	2014-15	Oct 30, 2014
5.	Punjab State council for Science & Technology	National Science Day on “Science for Nation Building”	Dr. Sukhdev Singh Dr. Vandana Bhalla	2014-15	Feb 28, 2015
6.	Punjab State council for Science & Technology	National Science Day on “Science and Technology driven innovations: Make in India”	—	2015-16	Mar 1, 2016
7.	Biotechnology Society	Biotechnology & its role in shaping the future in Agriculture	Dr. P.K. Pati	2015-16	Apr. 9, 2016

33. List the teaching methods adopted by the faculty for different programmes.

Under-Graduate Courses - Conventional Lecture cum demonstration and lecture cum discussion methods are used

Post-Graduate Courses- In addition to Conventional Lecture cum demonstration and Lecture cum discussion methods, Multimedia presentation method is also used. Seminars and project reports are also given to the students

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The teachers follow a strict monthly plan to ensure achievement of teaching-learning objectives. The class tests are taken to know student output periodically. Almost all the students are placed after completing their courses either in teaching/research or in industries.

35. Highlight the participation of students and faculty in extension activities:

Biotechnology Society of the department hosts a number of academic and extra-curricular activities throughout the year in which both students and faculty members participate. The students also actively participate in NSS, NCC, Nagar Kirtans, Industrial visits to food industries, departmental seminars, and other co-curricular activities held in the college.

Faculty members perform various academic and extra-curricular duties including admission duties, student counseling, tutorial group's monitoring, examination duties, discipline duties and other duties assigned by the college authorities from time to time

36. Give details of “beyond syllabus scholarly activities” of the department:

- During the Session 2011-12, students of B.Sc. Biotechnology III, visited Jagtjit Industries Pvt. Ltd, Hamira
- A team of three students of the Department participated in a Quiz competition and got first prize in National Science day organized on Oct 30, 2012
- During the session 2013-14, students of B.Sc. Biotechnology visited Aneja Food Products Industry, Naraingarh, Amritsar.
- A team of two students of B.Sc. Biotechnology participated in debate on “Modern Technologies- A boon or a Bane” and got first prize in this contest in science day Celebrations on Feb 28, 2015
- Students of B.Sc. Biotechnology Visited Jagtjit Industries Pvt. Ltd, Hamira and Science city, Kapurthalla during session 2015-16
- During the session 2015-16, PG Department of Biotechnology organized two educational tours, one to Sifti International on Dec. 22, 2015 and other to NIPER on Mar 11, 2016.
- The department also celebrated National Science Day on 1st March in collaboration with other science departments of the college. Different activities such as Quiz Competition, Declamation Competition and Poster presentation were organized and our students secured 1st and 2nd position in Declamation, 2nd position in Quiz Competition and Poster presentation.
- An educational trip was organized by the department to Chattbir Zoo, Chandigarh on Oct 26, 2016 to collect the soil samples to analyze the

microbial diversity.

- The department celebrated the festival of Diwali on Oct 29, 2016. Students made the candles, Diyas and rangoli in the department.
- A team of two students i.e. Amardeep Singh of B.Sc. Biotechnology and Shivani of M.Sc. Biotechnology participated in quiz competition organized by Dunnycliff Chemical Society, PG Department of Chemistry on Oct. 27, 2016 and got first prize.
- The Biotechnology society organized Excelsia-Biotech 2017 festival in the P.G. Department of Biotechnology on Mar 8, 2017. The programme included the debate, poster making, scientific model making and essay writing competitions. The students from all faculties overwhelmingly took part in these events. The theme of the programme was sustainable development with help of science and technology.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details: No

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Highly Qualified and experienced faculty as per UGC/ university guidelines. 2. Research projects in the Department from national funding agencies. 3. Well equipped laboratories. 4. Library with latest international books. 5. High rates of job placements and acceptance into advanced programs in India and abroad. 	<ol style="list-style-type: none"> 1. Less number of permanent faculty. 2. Lack of adequate research lab facility. 3. Access to online academic and research periodicals/ Journals. 4. Industrial Interactions. 5. Limited space.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To promote research in the department. 2. To collaborate with other departments/ institutes for research 3. To collaborate with industry and provide industrial training to the students in reputed industries. 4. To have students achievement database. 5. To promote project work in UG and PG courses. 	<ol style="list-style-type: none"> 1. To compete with state and private universities regarding imparting quality academic and research education to students. 2. To update syllabi according to present needs of society/ Industry. 3. To establish Bio-Informatics lab in department. 4. To start new research degree courses. 5. To improve infrastructure and enhance placements

39. Future plans of the department:

- To develop research facilities at par with the university so as to make our curriculum research oriented.
- To develop collaborations with other departments and industry to start new courses and services.

- To establish Bio-Informatics lab in department.
- To start new research degree courses.
- To improve infrastructure and enhance placements.
- To get more permanent faculty positions in the department.
- To create more research lab facility in the department.
- To provide access to online academic and research periodicals/ Journals to students and teachers of the department.

Evaluative Report of P. G. Department of Chemistry

1	Name of the department	P. G. Department of Chemistry
	Year of Establishment	1914
2	Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	<ul style="list-style-type: none"> • M. Sc. (Chemistry) • M. Sc. (Pharmaceutical Chemistry) • B. Sc. (Non-Medical) • B. Sc. (Medical) • B. Sc. (Hons.) Chemistry
3	Interdisciplinary courses and the departments/units involved	<ul style="list-style-type: none"> • B. Sc. (Hons.) Chemistry- Psychology, Geography, Sociology and Music
4	Annual/ semester/choice based credit system (programme wise)	Semester System
5	Participation of the department in the courses offered by other departments	<ul style="list-style-type: none"> • B. Sc. (Biotechnology) • B. Sc (Agriculture) • B. Sc.(Food Science and Technology) • B. Sc.(Hons) Physics • M.Sc. (Agriculture)

6. Number of teaching post sanctioned and filled

Teaching posts	Sanctioned	Filled
Professor	....	----
Associate Professor	02	02
Assistant Professor	20	29*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Regular Faculty

S. No.	Name	Qualification	Designation	Specialization	No. of yrs of experience (Yrs)	No. of Ph.D. Student guided for the last 4 yrs
1	Dr. M. S. Batra	Ph.D.	Associate Professor	Organic Chemistry	32	....
2	Mrs.. Boony Birgi	M. Phil.	Associate Professor	Organic Chemistry	32	....

S. No.	Name	Qualification	Designation	Specialization	No. of yrs of experience (Yrs)	No. of Ph.D. Student guided for the last 4 yrs
3	Mrs. B. K. Basra	M. Phil.	Assistant Professor	Inorganic Chemistry	16	....
4	Dr. Randhir Singh	Ph.D.	Assistant Professor	Inorganic Chemistry	16	....
5	Dr. B. K. Randhawa	Ph.D.	Assistant Professor	Physical Chemistry	15	....
6	Dr. Amit Anand	Ph.D.	Assistant Professor	Organic Chemistry	14	....
7	Dr. Hardeep Kaur	Ph.D.	Assistant Professor	Organic Chemistry	1	....
8	Dr. Kultar Singh	Ph.D.	Assistant Professor	Physical Chemistry	18	....
9	Dr. Reshu Talwar	Ph.D.	Assistant Professor	Physical Chemistry	1	....
10	Dr. Punita Tiwari	Ph.D.	Assistant Professor	Physical Chemistry	10	....
11	Dr. Seema Rani	Ph.D.	Assistant Professor	Physical Chemistry	2	....
12	Dr. Kirandeep Kaur	Ph.D.	Assistant Professor	Organic Chemistry	1	....
13	Dr. Rajwinder Kaur	Ph.D.	Assistant Professor	Physical Chemistry	1	....
14	Dr. Navalpreet Kaur	Ph. D.	Assistant Professor	Physical Chemistry	....	....

Senior Visiting Faculty

1	Dr. J. S. Gandhi	Ph.D.	Associate Professor	Physical Chemistry	32	....
2	Dr. Mohd. Arshad	Ph.D.	Associate Professor	Inorganic Chemistry	35	....
3	Dr. Harkirat Kaur	Ph. D.	Associate Professor	Inorganic Chemistry	35	....

Adhoc Faculty

1	Dr. Durgesh Nandni	Ph. D.	Assistant Professor	Physical Chemistry	3	....
2	Ms. Gagandeep Kaur	M. Sc.	Assistant Professor	Chemistry	6	....
3	Ms. Neha Kanotra	M. Sc.	Assistant Professor	Chemistry	3	....
4	Ms. Prabhleen Kaur	M. Sc.	Assistant Professor	Chemistry	1	....
5	Ms. Amritpal Kaur	M. Sc.	Assistant Professor	Chemistry	1	....
6	Dr. Rakesh Chopra	Ph. D.	Assistant Professor	Organic Chemistry	....	....
7	Dr. Neha Aggarwal	Ph. D.	Assistant Professor	Physical Chemistry	3	....
8	Dr. Kuljit Kaur	Ph. D.	Assistant Professor	Organic Chemistry	3	....
9	Mr. Ranjit Singh	M. Sc.	Assistant Professor	Chemistry	....	....
10	Ms. Tannu Devi	M. Sc.	Assistant Professor	Chemistry	....	....
11	Mr. Priyankul Palia	M. Pharma	Assistant Professor	Pharmaceutical Chemistry	....	....
12	Ms. Manroop Kaur	M. Pharma	Assistant Professor	Pharmaceutical Chemistry	....	....
13	Dr. Tarunpreet Singh	Ph. D.	Assistant Professor	Organic Chemistry	....	....
14	Mr. Manish	M. Sc.	Assistant Professor	Chemistry	....	....

8. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

S. No.	Class	2012-13		2013-14		2014-15		2015-16		2016-17	
		Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr
1	M. Sc. (Chemistry)	38.6	51.2	41.5	41.1	42	38	20	16	18	16
2	B. Sc. (Med/Non-Med)	61	63	61	63.5	64	65	51	53	48	51
3	B. Sc. (Bio-Tech)	50	50	50	50	50	50	50	50	50	45

Th. = Theory, Pr. = Practical

9. Student -Teacher Ratio (programme wise)

S. No.	Class	2015-16		2016-17	
		Th	Pr	Th	Pr
1	M. Sc.-I & II	4:1	15:1	4:1	15:1
2	B. Sc.-I	19:1	20:1	19:1	20:1
3	B. Sc.-II	19:1	20:1	19:1	20:1
4	B. Sc.-III	21:1	20:1	21:1	20:1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Year	Sanctioned	Filled	Year	Sanctioned	Filled
2012-13	16	9	2015-16	16	6
2013-14	16	9	2016-17	16	6
2014-15	16	9			

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

01 National (Dr. Amit Anand) - Minor Research Project

12. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

01- UGC, Rs 3,70,000/-

13. Research facility / centre with:

- State recognition :
- National recognition :
- International recognition:

The affiliating University does not allow the creation of research centre.

14. Publications:

S. No.	Name of Faculty	Paper Published National/International	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN number	Number listed in International database	Citation index	SNIP	SJR	Impact factor: range	h-Index
1	Dr. M. S. Batra	9	-	-	-	4	-	-	-	-	2.0-7.0	-
2	Prof. Boony Birgi	-	-	-	-	-	-	-	-	-	-	-
3	Prof. B. K. Basra	-	-	-	-	4	-	-	-	-	-	-
4	Dr. Randhir Singh	-	-	-	-	-	-	-	-	-	-	-
5	Dr. B. K. Randhawa	-	-	-	-	8	-	-	-	-	-	-

S. No.	Name of Faculty	Paper Published National/International	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN number	Number listed in International database	Citation index	SNIP	SJR	Impact factor range	h-Index
6	Dr. Amit Anand	8	-	-	-	1	-	-	-	-	2-4.5	7
7	Dr. Hardeep Kaur	8	-	-	-	-	-	130	-	-	3.3-5.4	6
8	Dr. Kultar Singh	-	-	-	-	-	-	-	-	-	-	-
9	Dr. Reshu Talwar	-	-	-	-	-	-	38	-	-	2.5	4
10	Dr. Punita Tiwari	7	-	-	-	-	-	-	-	-	1.26	-
11	Dr. Kirandeep Kaur	4	-	-	-	-	-	26	-	-	-	4
12	Dr. Seema Knatiya	12	-	-	-	-	-	-	-	-	-	-
13	Dr. Rajwinder Kaur	6	-	-	-	-	-	35	-	-	-	3
14	Dr. Navalpreet Kaur	7	-	-	-	-	-	36	-	-	2.3-3.5	4

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies

Faculty members are encouraged to organize/attend the Orientation Courses, Refresher courses, Workshops, National and International Seminars/Conferences/Invited lectures and Quiz Competitions. They are also encouraged to participate in the sports activities of the college.

18. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:

S. No.	Course	Number of student who have done in house project during 2015-16	Percentage
1	M. Sc. (Sem.-III)	30	100
2	B.Sc. (Med/Non-Med)	At present, there is no provision of in-house projects	

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:
Nil

19. Awards / Recognitions received by faculty and students

S. No.	Name of the faculty	Awards/Recognitions
1	Dr. Kirandeep Kaur	1. Awarded UGC-D. S. Kothari Post-doctoral Fellowship by UGC. 2. Awarded International Travel Grant by DST India for attending 6 th International Congress on Bio-catalysis in September, 2-6, 2012 at Hamburg, Germany. 3. Awarded Best Oral Presentation award in International Conference on Green Initiatives in Science and Technology on January 15, 2015 organized by Royal Society of London in MRCE, Faridabad.
2	Dr. Rajwinder Kaur	1. Awarded International Travel Grant by DST India (SB/ITS-Y/01693/2013-2014) to attend ‘International Conference of Neutron Scattering 2013’ held in Edinburgh

S. No.	Name of the faculty	Awards/Recognitions
		(UK) from 8 th -12 th July. 2013. 2. Awarded International Travel Grant by AOCNS committee, Tsukuba, Japan, to attend “1 st Asia Oceania Conference on Neutron Scattering (1 st AOCNS 2011)” to held in Tsukuba, Japan from 20-24 th November 2011.

20. Seminars/ Conferences/Workshops organized & the source of funding

a. National

S. No.	Seminar/ Conference/ Workshop	Theme	Resource Persons	Date	Source of funding agency
1.	Seminar	One day Seminar cum Inter College Competition “CHEM-XPLOR – Chemistry our Future our Life”	Prof. Dr. M. S. Hundal, Dean College Development Council, GNDU Amritsar, Prof. S. S. Tandon of Kent State University, USA and Prof. Dr. Manoj Kumar, Department of Chemistry, GNDU Amritsar.	Nov. 2, 2011	Self financed
2.	Seminar	National seminar on Recent Advances in Chemical Sciences, RACS-2015,	Prof. Subodh Kumar & Prof. R. K. Mahajan GND University Amritsar, Prof. B. S. Kaith, National Institute of Technology (NIT), Jalandhar and Prof S. S. Bari, Punjab University Chandigarh	Feb. 7, 2015	Self financed
3.	Seminar	National seminar on Recent Advances in Chemical Sciences, RACS-II,	Prof. Raj Pal Sharma, UGC emeritus Fellow, Prof. P. Venugopalan Punjab University Chandigarh, Prof. Rajeev Gupta Delhi University, New Delhi, Prof. Manoj Kumar, Prof. R. K. Mahajan, Dr. Vandana Bhalla from Guru Nanak Dev University	Apr. 2, 2016	Self financed

b. International

S. No.	Seminar/ Conference/ Workshop	Theme	Date	Source of funding agency
Nil				

21. Student profile programme/course wise:

Name of the Course/programme	Applications received	Selected	Selected		Pass %age	
			M	F	M	F
2011-12						
M. Sc.-I Chemistry	25	25	3	22	100	100

Name of the Course/programme	Applications received	Selected	Selected		Pass %age	
			M	F	M	F
M. Sc.-II Chemistry	22	22	5	17	100	100
B. Sc.-I (Med, N.Med)	124	124	26	98	66	72
B. Sc.-II (Med, N.Med)	52	52	16	36	85	89
B. Sc.-III (Med, N.Med)	29	29	7	22	92	93
2012-13						
M. Sc.-I Chemistry	29	25	4	21	100	100
M. Sc.-II Chemistry	21	21	2	19	100	100
B. Sc.-I (Med, N.Med)	260	245	80	165	63	74
B. Sc.-II (Med, N.Med)	76	76	13	63	88	91
B. Sc.-III (Med, N.Med)	50	50	13	37	91	89
2013-14						
M. Sc.-I Chemistry	60	30	3	27	100	100
M. Sc.-II Chemistry	23	23	4	19	100	100
B. Sc.-I (Med, N.Med)	387	324	98	226	60	65
B. Sc.-II (Med, N.Med)	184	184	51	133	78	81
B. Sc.-III (Med, N.Med)	63	63	9	54	89	90
2014-15						
M. Sc.-I Chemistry	98	30	3	27	85	89
M. Sc.-II Chemistry	29	29	3	26	100	100
B. Sc.-I (Med, N.Med)	369	330	84	246	61	66
B. Sc.-II (Med, N.Med)	258	258	71	187	81	82
B. Sc.-III (Med, N.Med)	174	174	50	124	85	91
2015-16						
M. Sc.-I Chemistry	134	35	1	34	100	100
M. Sc.-II Chemistry	30	30	3	27	100	100
B. Sc.-I (Med, N.Med)	333	296	60	236	65	68
B. Sc.-II (Med, N.Med)	259	259	59	200	83	84
B. Sc.-III (Med, N.Med)	246	246	65	181	83	89

22. Diversity of Students

year	Name of the course	% of student from the			
		College	State	Other state	Other university
2011-12	B. Sc (Medical)	-----	98	2	....
	B. Sc. (Non-Med)	-----	95	5	....
	M. Sc. Chemistry	17	51.4	31.6	....
2012-13	B. Sc (Medical)	-----	95	5	....
	B. Sc. (Non-Med)	-----	96	4	....
	M. Sc. Chemistry	23	46	31	....
2013-14	B. Sc (Medical)	-----	99	1	....
	B. Sc. (Non-Med)	-----	97	3	....

year	Name of the course	% of student from the			
		College	State	Other state	Other university
	M. Sc. Chemistry	20	60	20	....
2014-15	B. Sc (Medical)	-----	100	--	....
	B. Sc. (Non-Med)	-----	91	9	....
	M. Sc. Chemistry	26.7	66.6	6.67	....
2015-16	B. Sc (Medical)	-----	98	2	....
	B. Sc. (Non-Med)	-----	97	3	....
	M. Sc. Chemistry	26.6	62	11.4	....
2016-17	B. Sc (Medical)	-----	100	0	....
	B. Sc. (Non-Med)	-----	97	3	....
	M. Sc. Chemistry	28.6	49.4	22	....

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NET	SLET	GATE	Civil services	Defense services
2	NA	....	.....	.....

24. Student progression

Student progression	Against % enrolled
UG to PG	30
PG to M. Phil	NA
PG to Ph.D.	10
Ph.D. to Post-Doctoral	NA
Employed	
Campus selection	Nil
Other than campus recruitment	60
Entrepreneurship/Self-employment	24

25. Diversity of the staff

Percentage of the faculty who are graduates	
Of the same parent university	92
From other university within the state	0
From other university from other state	8

26. Number of faculty who were awarded Ph.D., D. Sc., and D. Litt. during the assessment period (2011-16):

S. No	Degree awarded	Number of faculty members
1	Ph.D	07

27. Present details of Infrastructural facilities

S. No.	Facility	Details
1	Library	Departmental Library Available and have 4587 Books

S. No.	Facility	Details
2	Internet facilities for Staff & Students	16 Computers with 4G Wi-Fi facility
3	Class rooms with ICT facility	One computer lab having 14 computers with internet connectivity, one smart class room
4	Student Laboratories	08 Available
5	Research Laboratories	04 Available

28. Number of students receiving financial assistance from college, university, government or other agencies

S. No.	Class	Financial Assistance		
		College	State	Total
1	B. Sc. (Medical)	44	33	77
2	B. Sc. (Non-Medical)	51	40	91
3	B. Sc. (Hons.)	-	-	-
4	M. Sc. (Chemistry)	3	9	12
5	M. Sc. (Pharmaceutical Chemistry)	-	-	-

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

A detailed research is carried out before initializing any academic programme. A team of senior faculty members is constituted to survey the academic and industry requirements of the new course. The committee explores the scope and utility of the program. Thereafter, syllabus for the course is designed and put to the Board of Studies for discussions and modifications. After clearance from the Board of studies the program proposal is forwarded to Academic Council and then to the Governing council for clearance.

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from faculty regarding the course curriculum design and teaching-learning-evaluation. The senior faculty members scrutinize the information obtained and based on that subject seminars, expert lectures and workshops are organized. This is also utilized for the development of the syllabi and other academic/extra-curricular activities. Apart from the fortnightly and monthly tests (both written and oral) quizzes and student seminars are organized to interpret the level of information passed to the students.

(b) Student on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department for the same?

The student feedback on the staff, curriculum as well as teaching-learning-evaluation is obtained by HoD through interactions with students and through tutorial groups at the college level. Tutorial groups are organized wherein the faculty of other streams interacts with the students to understand their difficulties and requirements. The information obtained from all the tutorial groups is

summarized and passed to different departments for necessary actions.

(c) Alumni and employers on the programmes and what is the response of the department for the same?

The feedback from alumni of the department is obtained during the alumni meet. The valuable suggestions from alumni members are utilized for the development of the department. The industrial tours are organized from time to time and suggestions of the industry are also considered for the development of the department.

31. List of the distinguished alumni of the department

Sr.No.	Name	Designation	Institution
1.	Dr. Manoj Kumar	Professor, HoD	Department of Chemistry, Guru Nanak Dev University, Amritsar
2.	Dr. Palwinder Singh	Professor	Department of Chemistry, Guru Nanak Dev University, Amritsar
3.	Dr. M. S. Batra	HoD	Department of Chemistry, Khalsa College Amritsar
4.	Dr. Sanjay Sharma	Principal	D.A.V. College, Phagwara.
5.	Dr. Paramjit Kaur	Professor	Department of Chemistry, Guru Nanak Dev University, Amritsar
6.	Dr. Meena Sharma	Senior Director	Wave Life Sciences, Boston, USA
7.	Dr. Rajan Gupta	Director	Nanospeed Diagnostic Inc., Edmonton, Canada
8.	Dr. Harminder Kaur	Professor	Department of Chemistry, PEC, Chandigarh
9.	Dr. Nirmaljeet Singh	Senior Chemist	Pharmaceutical Company, Canada
10.	Dr. Gurmit Singh Gill	Vice President R&D	Akaal Pharma Australia

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts

S. No.	Special lectures/ Seminar/ Conference/ Workshop/ Program	Theme/Topic of the lecture	Resource person	Date	Source of funding agency
2011-12					
1.	Seminar	One day Seminar cum Inter College Competition "CHEM-XPLOR– Chemistry our Future our Life"	Prof. Dr. M. S. Hundal, Dean College Development Council, GNDU Amritsar , Prof. S. S. Tandon of Kent State University, USA and Prof. Dr. Manoj Kumar, Department of Chemistry, GNDU Amritsar.	Nov. 2, 2011	Self financed
2.	Extension lecture	Nanotechnology and its applications.	Prof. S. S. Tandon, USA	Oct 21, 2011	-
3.	Extension lecture	'Corrosion and its effects.'	Prof. Gurmit Singh, Head Department of Chemistry, Delhi University, Delhi.	Aug. 05, 2011	-
2012-13					
4.	Extension lecture	'Sensors for metals'.	Prof. R. K. Mahajan, Department of Chemistry, GNDU, Amritsar	Oct 18, 2012	-
5.	Extension	'Stereochemistr	Prof. P. S. Kalsi, Ex Head,	Oct 17, 2012	-

S. No.	Special lectures/ Seminar/ Conference/ Workshop/ Program	Theme/Topic of the lecture	Resource person	Date	Source of funding agency
	lecture	y and its applications.’	Department of Chemistry, PAU Ludhiana		
6.	National Science Day	Celebration of National Science Day 2012 on the theme, “Cleaner energy options and Nuclear Safety”	Dr. Atul Khanna, Associate Professor, Department of Physics, GNDU Amritsar	Oct 30, 2012	Catalyzed And Supported By : PSCST & NCSTS, DST, GOI
7.	Extension lecture	Green Chemistry and its role in preserving environment.’	Prof. Ram Mohan, Illinois Wesleyan University, USA	Feb 04, 2013	-
8.	Extension lecture	‘Challenges in Organic Synthesis’.	Dr. Vandna Bhalla, Chemistry Department, G.N.D.U Amritsar.	Feb 12, 2013	-
2013-14					
9.	Environment Day	Celebration of ‘Sikh Environment Day’ by organizing a lecture on Environment and Radiation	Prof. Bhajan Singh Lark, former Head, Department of Chemistry, GNDU Amritsar.	Apr.14, 2014	-
10.	National Science Day	Celebration of National Science Day 2013 on the theme, “Genetically Modified Crops and Food Security”	Prof. Dr. Avinash Nagpal, Department of Botany, GNDU Amritsar	Sept 07, 2013	Catalyzed And Supported By : PSCST & NCSTS, DST, GOI
11.	Extension lecture	“Hazards of electromagnetic radiation”	Prof. Dr. Bhajan Singh Lark, Ex-Head, department of Chemistry GNDU Amritsar, Principal, Baba Kuma Singh College of Engineering and Technology, Amrtisar	Mar 14, 2014	-
12.	Extension lecture	“DNA based drugs’	Dr. Meena Sharma, Senior Director, Wave Life Sciences, Boston, USA.	Oct. 27, 2014	-
2014-15					
13.	Seminar	National seminar on Recent Advances in Chemical Sciences , RACS-2015,	Prof. Subodh Kumar, Prof. R. K. Mahajan from Guru Nanak Dev University Amritsar, Prof. B. S. Kaith from National Institute of Technology, Jalandhar and Prof S. S. Bari from Panjab University Chandigarh	Feb 07, 2015	Self financed
14.	National	Celebration of	Prof. Dr. Sukhdev Singh of	Feb. 28, 2015	Catalyzed

S. No.	Special lectures/ Seminar/ Conference/ Workshop/ Program	Theme/Topic of the lecture	Resource person	Date	Source of funding agency
	Science Day	National Science Day 2015 on the theme, “ Science For Nation Building at Khalsa College Amritsar	Department of Molecular Biology and Biochemistry, GNDU Amritsar and Dr. Vandana Bhalla, Department of Chemistry, GNDU Amritsar		And Supported By : PSCST & NCSTS, DST, GOI
15.	Student Seminar	Power point competition on the topic recent advances in Chemistry	10 Post-graduate students participated	Sept 7, 2015	-
16.	Guest Lecture	lecture on the topic “Wonders of Chemistry (Surfactants and Nanotechnology).	Prof. M. S. Bakshi, Department of Chemistry, University of Waterloo ON N2L 3C5 Canada	July 10, 2015	-
17.	Celebrations of 100 years of Science in Khalsa College Amritsar on February 28, 2015				
2015-16					
18.	Educational tour	To educate students on the working of advanced instruments and the research in reputed laboratories	Post graduate students of Department of Chemistry went to Palampur Agriculture University and Institute of Himalayan Bio-resources Technology (IHBT), Palampur	April 05-06, 2015	-
19.	National Science Day	Celebration of National Science Day 2016 on the theme, “‘Make in India: Science & Technology Driven Innovations’ at Khalsa College Amritsar.	Declamation contest, quiz competition and Poster presentation	March 01, 2016	Catalyzed and Supported By : PSCST & NCSTS, DST, GOI.
20.	Trip of Khalsa College Amritsar went to Dalhousie on 07-08 March 2016.				
21.	16 M. Sc students attended three day workshop in Chemistry Department GNDU on 3, 4, 5 March 2016.				
2016-17					
22.	Seminar	National seminar on Recent Advances in Chemical Sciences, RACS-II,	Prof. Raj Pal Sharma, UGC emeritus fellow, Prof. P. Venugopalan from Panjab University Chandigarh, Prof. Rajeev Gupta from Delhi University Delhi, Prof. Manoj Kumar, Prof. R. K. Mahajan, Dr. Vandana Bhalla from Guru Nanak Dev University Amritsar	Apr. 2, 2016	Self financed

S. No.	Special lectures/ Seminar/ Conference/ Workshop/ Program	Theme/Topic of the lecture	Resource person	Date	Source of funding agency
23.	Educational trip		Students of B. Sc. (Hons.) Chemistry Khalsa College Amritsar went to Pushpa Gujral Science City	Oct.15, 2016	
24.	Inter-Departmental Poster & Quiz competition	To commemorate World Disaster management Day	Inter-Departmental Poster & Quiz competition was organized.	Oct.27, 2016	-
25.	Guest lecture	Ligand Field Theory	Prof. Dr. Geeta Hundal, GNDU, Amritsar	Oct.28, 2016	-
26.	Guest lecture	Applications of NMR spectroscopy	Prof. Dr. Palwinder Singh, GNDU, Amritsar	Oct.18, 2016	-
27.	Guest lecture	“Ionic Liquids”.	Dr. Tejwant Singh Kang, GNDU, Amritsar	April 9, 2016	-
28.	Debate competition	“Science & technology – Bane or Boon.	Intra-Departmental Debate competition was organized involving Departments of Botany, Chemistry, Biotechnology, Physics and Zoology.	Oct.20, 2016	-
29.	Extension lecture	Options in academics and industry after post graduation	Dr. Meena Sharma, Senior Director Wave Life Sciences, Boston, USA	Feb., 20, 2017	-
30.	Extension lecture	Green Chemistry and Circular Economy in Action	Dr. Avtar Matharu, Green Chemistry Centre of Excellence, University of York, UK	Feb. 24, 2017	-

33. List of teaching methods adopted by the faculty for different programmes

At the graduate levels mostly traditional teaching methods are used and supported by Power point presentations, quiz, discussions and class test. At post-graduate levels more emphasis is laid on the class room teaching, discussions, student seminars, assignments and power point presentations.

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

The department sketches calendar for its academic and extra-curricular activities by the start of the academic year. A blue print of the activities are planned well in advance and due care is exercised to ensure that the activities are properly planned, arranged and organized. The department involves all the faculty members as a team to achieve the goal. The Head of Department takes feedbacks from students and faculty, holds meetings of the faculty to ensure the successful achievement of learning outcomes.

35. Highlight the participation of students and faculty in extension activities.

The Department of Chemistry has established a Chemical Society in the name of the founder HOD, Prof Duncliff, under the name ‘Duncliff Chemical Society’. The students under the banner of the society organize extra-curricular activities viz. power point seminar competitions, quiz and declamation contests. The students are also involved in the academic activities like organizing seminars, conferences and workshops.

The society takes its students to education-cum-excursion trips to different academic and research institutions on one hand and industries/laboratories on the other hand. The students themselves organize these kinds of visits. The main emphasis is laid on the interaction of the students with research and academic stalwarts to gain an insight of the current advances in the subject

36. Give the detail of “beyond syllabus scholarly activities of the department

The “beyond the syllabus scholarly activities” include the following

- (a) Organizing/attending seminars
- (b) Organizing/attending Workshops
- (c) Extension lectures
- (d) Field and Educational Tours
- (e) Inter and Intra-College quiz, debate competitions
- (f) Science Day celebrations
- (g) Student level Seminars

37. State whether the programme/department is accredited/graded by other agencies. Give details.

The Department of Chemistry is accredited as “Centre of Potential for Excellence (CPE)” as one of the star departments of the College. The following funding agencies are supporting the department in their activities

- (a) University Grants Commission-Centre of Potential for Excellence (UGC-CPE): The UGC has for its third consecutive phase selected the Department/College for the potential for the excellence status (CPE Status). This accreditation carries a grant of Rs. 1.5 crores for striving towards excellence. The grant is for strengthening infrastructure and procuring modern research instrumentation to match hand in hand with latest research advances in the subject.
- (b) Funds for infrastructure of Science and Technology (FIST): The department of Science and technology funds the Department of Chemistry for improving the infrastructure for strengthening basics.

38. SWOC analysis of the department

Strengths	Weaknesses
1. Highly qualified Staff (12 out of 14 staff members are Ph.D.)	1. Shortage of permanent teaching and non-teaching staff.
2. Separate Laboratories for UG, PG and Research	2. Lack of an approved research centre
	3. Shortage of online access to the various

<ol style="list-style-type: none"> 3. Separate computer room with internet connectivity. 4. Latest infrastructural facilities. 5. Well established departmental library. 	<ol style="list-style-type: none"> 4. Shortage of funds for providing instrumental facility to each student separately 5. Less number of students qualifying UGC-NET, IAS exams.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To redesign the existing curriculum to match with the requirement of the industry. 2. To enhance research activities in the department. 3. To collaborate with other institute/ industries for a symbiotic research growth 4. Introduction of students projects to enhance their analytical, critical and presentation skills. 5. Up gradation of laboratories with modern research instrumentation. 	<ol style="list-style-type: none"> 1. To make the students more competitive and compatible to the academic entrance tests like UGC-NET, GATE, IAS, Defense services etc. 2. To make the students more compatible to the research. 3. To generate better human beings compatible of taking up challenges of the modern world. 4. To create more and better infrastructure to enable more number of students to get the quality education 5. To encourage inter-disciplinary research/ courses/collaborations.

39. Future plans of the department

The department plans

- To provide better research facilities to the staff and students.
- To recruit permanent teaching and non-teaching staff
- To start M.Sc. (Hons.) Chemistry course
- To improve the laboratories and class rooms
- To update syllabi of various classes.
- To update library.
- To introduce green chemistry based practicals at graduate and postgraduate levels.

Evaluative Report of PG Department of Commerce and Business Administration

1	Name of the Department	PG Department of Commerce and Business Administration
	Year of Establishment	1968
2	Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D. etc.)	(a) M.Phil. (Commerce) (b) M.Com. (c) B.Com. (Hons.) (d) B.Com. (Reg.) (e) B.Com. (Prof.) (f) B.B.A. (g) PG Diploma in Financial Services (Banking and Insurance) (h) Diploma in Retail Management (i) Diploma in Computerised Accounting (j) Certificate Course in Computerised Accounting
3	Interdisciplinary courses and departments involved	M.Phil. (Psychology)
4	Annual/semester/choice based credit system	Semester System
5	Participation of the department in the courses offered by other departments	B.A. Social Science

6. Number of Teaching Posts Sanctioned and Filled:

Teaching Post	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	04	04
Assistant Professor	02	2+17*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, experience and Ph.D/M.Phil. students guided in the last four years.

Regular Faculty:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided in the last 4 years
Dr. Joginder Singh Arora	M.Com., MBA, M.Phil., Ph.D., FCMA, PGDIM, PGDLL & PM, PGDEITM, PGDFM, DOOP, DIM, CCU, CCF	Dean & Head	Accounting & Finance	37	3 (Ph.D.) 3 (M.Phil.)
Dr. Arvinder Kaur Kahlon	M.Com., M.Phil., Ph.D.	Associate Professor	Marketing	28	4 (M.Phil.)
Dr. Avtar Singh	M.Com., M.Phil., Ph.D.	Associate Professor	Accounting & Finance, Management	30	1(Ph.D.) 3 (M.Phil.)
Dr. Sawraj Kaur	M.Com., M.Phil., Ph.D.	Associate Professor	Marketing	25	3 (M.Phil.)
Dr. Deepak Devgan	M.Com., M.Phil., Ph.D.	Assistant Professor	Marketing, Retail Management	12	4 (M.Phil.)
Dr. Poonam Sharma	M.Com., Ph.D.	Assistant Professor	Taxation, Accounting & Finance	11	4 (M.Phil.)
Dr. Ajay Sehgal	M.Com., M.Phil., Ph.D.	Assistant Professor	Accounting & Finance	17	2 (M.Phil.)
Dr. Nidhi Sabharwal	M.Com., Ph.D.	Assistant Professor	Marketing	5	2 (M.Phil.)

Adhoc Faculty:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided (last 4 years)
Ms. Meenu Chopra	M.Com.	Assistant Professor	Accounting & Finance	13	--
Dr. Jyoti Vohra	M.Com., Ph.D., PGDCA, DIM, PGDIM	Assistant Professor	Accounting & Finance	8	--
Ms. Reema Arora	M.Com., M.Phil.	Assistant Professor	Accounting & Finance	17	--
Ms. Sakshi Sharma	MBA	Assistant Professor	Retail Management	11	--
Ms. Anchal Arora	M.Com., M.Phil.	Assistant Professor	Marketing	7	--

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. guided (last 4 years)
Ms. Sukhdeep Kaur	M.Com.	Assistant Professor	Marketing	6	--
Ms. Manpreet Kaur	M.Com.	Assistant Professor	Finance	3	--
Ms. Rajni Gupta	M.Com., Ph.D. (Pursuing)	Assistant Professor	Marketing	2	--
Ms. Shivan Sarpal	M.Com., Ph.D. (Pursuing)	Assistant Professor	Accounting & Finance	1	--
Ms. Shikha Chaudhary	M.Com.	Assistant Professor	Accounting & Finance	1	--
Mr. Hartejpreet Singh	MBA, M.Sc.(IT), LL.B., ADCHMN, PGDCST, Diploma in Urdu & Persian	Assistant Professor	International Marketing, and Computerized Accounting	6 Years Teaching and 18 Years Corporate	--
Dr. Shivani Nischal	M.Com., Ph.D.	Assistant Professor	Human Resource Management	1	--
Ms. Pooja Puri	M.Com.	Assistant Professor	Accounting & Finance	2	--
Ms. Manisha Behal	M.Com., Ph.D. Thesis submitted	Assistant Professor	Accounting & Finance	4	--
Dr. Megha	M.Com., Ph.D.	Assistant Professor	Accounting & Finance	3	--

8. Percentage of classes taken by temporary faculty (Programme-wise information):

Class	(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)
M.Phil.	-	-	-	00	00
M.Com.	10	10	7	35	36
B.Com. (Hons.)	-	-	-	28	60
B.Com. (Reg.)	33	50	50	34	61
B.Com. (Prof.)	43	34	70	80	43
B.B.A.	75	40	42	34	82
PGDFS	-	-	66	60	40
DRM	-	-	-	100	100
DCA	-	-	-	-	100
CCA	-	-	-	-	100

9. Programme-wise Student Teacher Ratio:

Class	(2015-16)	(2016-17)
M.Phil.	3:1	5:1
M.Com.	9:1	15:1
B.Com. (Hons.)	9:1	8:1
B.Com. (Reg.)	7:1	20:1
B.Com. (Prof.)	5:1	13:1
B.B.A.	8:1	16:1
PGDFS	2:1	14:1
DRM	2:1	8:1
DCA	-	24:1
CCA	-	3:1

10. Number of academic support staff (technical) and administrative staff sanctioned and filled:

Posts	Technical		Administrative	
	Sanctioned	Filled	Sanctioned	Filled
Clerk	--	--	--	1
Peon	--	--	--	2

11. Number of faculty with ongoing projects from a) National b) International funding agencies and total grants received :

At present, none of the faculty members has any ongoing project from National/International funding agencies.

12. Departmental projects funded by DST – FIST, UGC, DBT, ICSSR, etc. and total grants received:

At present, none of the faculty members has any ongoing project from National/International funding agencies.

13. Research Facility/Centre:

The affiliating university does not allow/recognize the research centre of the department. However, a research centre has been initiated at the department level.

14. Publications:

S. No.	Name of the teacher	Number of papers published in peer reviewed journals (national / international)	Chapters in Books	Books with ISBN Numbers (With details of Publisher)	Number listed in International Database	Citation Index – range / average	SJR	Impact factor – range / average	H- Index
1	Dr. Joginder Singh Arora	7	--	10 (Kalyani Publishers, New Delhi)	--	65	--	3	3
2	Dr. Arvinder Kaur Kahlon	6	2	1 (Kalyani Publishers, New Delhi)	--	--	--	--	--
3	Dr. Avtar Singh	8	--	3 (Kalyani Publishers, New Delhi)	--	--	--	--	--
4	Dr. Sawraj Kaur	--	--	2 (Kalyani Publishers, New Delhi)	--	--	--	--	--
5	Dr. Deepak Devgan	3	--	--	2	--	--	--	--
6	Dr. Poonam Sharma	3	--	--	--	--	--	--	--
7	Dr. Ajay Sehgal	2	1	--	--	--	--	1	--
8	Dr. Nidhi Sabharwal	4	2	--	--	--	--	1	--
9	Mrs Meenu Chopra	--	1	3 (Sharma Publications, Jalandhar)	--	--	--	--	--
10	Dr. Jyoti Vohra	6	3	1 (Lap Lambert, Germany)	5	6	5	2	5
11	Ms. Anchal Arora	6	2	--	--	--	--	--	--
12	Mrs. Rajni Gupta	1	--	--	--	--	--	1	--
13	Mrs. Shivan Sarpal	6	2	--	6	--	--	--	--
14	Dr. Shivani Nischal	1	--	--	1	--	--	--	--
15	Mrs. Manisha Behal	1	1	--	1	--	--	--	--
	Total	54	14	20	15	71	5	8	8

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated:

Name	Consultancy Area	Income Generated
Dr. J.S. Arora	Cost and Management Accountancy	Free of cost

17. Faculty recharging strategies:

The faculty members are encouraged to organize/attend the:

- General Orientation Courses
- Refresher Courses
- Workshops
- Seminars
- Conferences
- Invited Lectures
- Quiz Competitions
- Motivation in the staff meetings convened regularly
- Specific assignment of duties

18. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:

S. No.	Course	Number of students who have done in-house projects during 2015-16	Percentage
1	M.Com.	243	100
2.	DRM	07	100

b) Percentage of students doing projects in collaboration with industries/institutes: Nil

19. Awards/Recognitions received by faculty and students:

Faculty	Doctoral/Post doctoral fellows	Students	
		National	International
--	--	Two students got extraordinary performance certificates in National Accounting Talent Search Test in February 2016.	--

20. Seminars/Conferences/Workshops organized & the source of funding:

S. No.	Title	Date	Resource Persons	Outstanding Participants	Source of Funding
1.	One Day ICSSR sponsored National Seminar on Social Sector Development through Social Inclusion	March 18, 2017	S. N.S. Rattan (IAS Retd.) Dr. (Prof.) Jaspal Singh (Head, Commerce Department, GNDU) Dr. (Prof.) Gurcharan Singh (Punjabi University) Dr. (Prof.) Mandeep Kaur (Commerce Department, GNDU) Dr. (Prof.) Jasbir Singh (Jammu University) Dr. (Prof.) Ran Singh (Punjabi University) Dr. Aparna Bhatia (Commerce Department, GNDU) Dr. Avtar Singh (Khalsa College Amritsar) Prof. Devender Singh (Registrar, Khalsa College Amritsar)	136 Academicians and research scholars from various universities and colleges of India.	Indian Council of Social Science Research North-Western Regional Centre Punjab University, Chandigarh

S. No.	Title	Date	Resource Persons	Outstanding Participants	Source of Funding
2.	7 Days National Workshop on Research Methodology	Dec 18-24, 2016	Dr. (Prof.) Sanjay Rastogi , Associate Professor, Indian Institute of Foreign Trade, New Delhi Dr. Sanket Vij , Professor, Department of Management, BPS Mahila Vishwavidyalaya, Sonapat. Dr. Balwinder Singh , Associate Professor, Commerce Department, GNDU.	54 Teachers and researchers from Delhi, Haryana, UP and Punjab.	Self Financed
3.	3 Days Commerce Students' Workshop on 'Taxation, Accounting, Capital Markets & Banking'	Dec. 12-14 2016	CA Sudhir Khara CA Vikas Kumar CA Davinder Singh Iqbal Singh Grover (Amritsar Branch of Northern India Regional Council, ICAI) Mr. Vaibhav Mediratta , Management Consultant and Corporate Trainer, IMPACT Training and Consulting, New Delhi.	67 Students of Commerce Department of Khalsa College, Amritsar.	Self Financed
4.	Extension Lecture on Career in Banking	Aug. 19, 2016	Sh. Naveen Sharma , Senior Manager, Standard Chartered Bank, Dubai	-	Self Financed
5.	Extension Lecture on the topic Entrepreneurship & Start Ups	April 7, 2016	Indian School of Start-ups, Amritsar.	-	Self Financed
6.	Extension lecture on the topic Skill India Development	Jan 15, 2016	Dr. Sandeep Singh Kaura, Skill Advisor to CM, Punjab.	-	Self Financed
7.	Extension lecture on the topic Accounting Standards: The Contemporary Scenario	Oct 17, 2015	Sh. Ashok Arora, Former Secretary, Accounting Standards Board, The Institute of Chartered Accountants of India, New Delhi	-	Self Financed
8.	Extension lecture on the topic Role of Reserve Bank of India in Indian Financial System	Feb 27, 2015	Sh. Braja Mohan Mishra, Principal Advisor, Department of Economic & Policy Research, Reserve Bank of India, Mumbai.	-	Self Financed
9.	Extension lecture on the topic Skill Enhancement and Career Orientation in Commerce	Nov. 14, 2014	Sh. Kiran Kurwade, Pune Institute of Business Management, Pune	-	Self Financed
10.	Workshop on Tally ERP 9: an Accounting Software	Nov 4., 2014	Ms. Neeru and Mr. Rajesh from NIIT Amritsar	-	Self Financed
11.	Extension lecture on Career Opportunities	Nov 19, 2013	Mr. Matt Alex, USA.	-	Self Financed
12.	Extension lecture on the topic Emerging Trends in Marketing	Feb 10, 2012	Dr. B.S. Mann, Associate Professor, GNDU.	-	Self Financed

21. Student Profile Programme/Course wise:

Name of the Course/ Programme	Applications received	Selected			Total Pass Percentage
		Male	Female	Total	
2012-13					
B.Com I Year	91	66	18	84	55.55
B.Com II Year		29	24	53	32.00
B.Com III Year		28	10	38	92.10
B.Com Prof. I Year	160	110	43	153	75.39
B.Com Prof II Year		36	82	118	70.43
B.Com Prof III Year		62	35	97	86.59
BBA I Year	108	72	28	100	88.88
BBA II Year		34	20	54	90.38
BBA III Year		26	05	31	88.63
M.Com I Year	40	5	29	34	97.05
M.Com II Year		6	21	27	100
2013-14					
B.Com I Year	69	55	10	65	77.37
B.Com II Year		49	17	66	72.72
B.Com III Year		19	18	37	85.36
B.Com Prof. I Year	119	91	22	113	65.34
B.Com Prof II Year		76	41	117	96.90
B.Com Prof III Year		73	30	103	97.05
BBA I Year	137	91	28	119	82.14
BBA II Year		45	23	68	78.43
BBA III Year		28	20	48	93.61
M.Com I Year	66	13	47	60	96.55
M.Com II Sem		6	28	34	100
2014-15					
B.Com I Year	83	68	12	80	78
B.Com II Year		44	10	54	82.69
B.Com III Year		27	15	42	93
B.Com Prof. I Year	70	50	14	64	89
B.Com Prof II Year		74	19	93	73.8
B.Com Prof III Year		57	39	96	99
BBA I Year	86	51	26	77	76
BBA II Year		56	29	85	84.41
BBA III Year		32	18	50	96
M.Com I Year	127	25	95	120	97
M.Com II Year		11	45	56	100
PGDFS	4	1	3	4	100
PGDFS		1	3	4	100
2015-16					
B.Com I Year	190	95	22	117	56.38
B.Com II Year		57	21	78	94.80
B.Com III Year		41	10	51	81.81
B.Com Prof II Year		12	2	14	85.71
B.Com Prof III Year		69	20	89	100
B.Com Hons I Year	69	34	28	62	83.33
BBA I Year	92	67	17	84	58.73
BBA II Year		35	19	54	88.23
BBA III Year		54	29	83	98.64
M.Com I Year	125	11	101	112	98.50
M.Com II Year		24	94	118	100
DRM	12	4	7	11	100
PGDFS	11	3	8	11	100
M.Phil	40	-	15	15	100

22. Diversity of Students:

Name of the Course	Percentage of students from the College	Percentage of students from the State	Percentage of students from other States	Percentage of students from other Countries
2016-17				
M.Phil.	40.00	50.00	10.00	--
M.Com.	70.62	26.76	2.62	--
B. Com. (Hons.)	48.10	45.88	6.02	--
B.Com. (Reg.)	51.34	45.92	2.74	--
B.Com. (Prof.)	92.31	7.69	--	--
B.B.A.	50.00	47.03	2.97	--
PGDFS	14.29	71.43	14.28	--
DRM	64.52	32.35	3.13	--
DCA	45.45	46.22	8.33	--
CCA	0.00	100	--	--

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE, and any other competitive examinations?

Civil Services	Defense Services	NET	SLET	GATE	Other Examinations
01	--	07	--	--	N.A.

24. Student progression:

Student progression	Percentage against enrolled
UG to PG	47
PG to M.Phil.	17
PG to Ph.D.	07
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	38
• Other than campus recruitment	01
Entrepreneurs	08

25. Diversity of Staff:

Percentage of the faculty who are graduates	
Of the same parent university	95.83
From other universities within the States	-
From other universities from other States	4.17

26. Number of faculty who were awarded Ph.D. during the assessment period:

Degree Awarded	Number of Faculty Members
Ph.D.	04

27. Present details about Infrastructural Facilities:

S. No.	Facility	Details
a)	Library	Books : 918 Journals : 13 Newspapers : 3 Back Volume : 340 Seating Capacity : 64

S. No.	Facility	Details
b)	Internet facilities for Staff & Students	17 Computers and 01 laptop with 4G Wi-Fi facility
c)	Total number of class rooms	21
d)	Class rooms with ICT facility	02
e)	Students' Laboratories with ICT facility	02
f)	Research Centre with ICT facility	01

28. Number of students receiving financial assistance from college, university, government or other agencies:

The college provides financial assistance to the students who excel in various academic/cultural activities like university toppers, cultural gems, sportspersons, financially weak students and fatherless students. Besides that the college offers all the scholarships received from the Govt. for SC/ST/Minority students.

Number of Students receiving Grants from Government

Class	From College	From Government	Total
M.Com.	21	28	49
B.Com. (Hons.)	19	9	28
B.Com. (Reg.)	54	27	81
B.Com. (Prof.)	9	4	13
DRM	--	1	1

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, a complete exercise is carried out before the start of new programme. A committee is constituted to identify the needs of the society and industry for a particular programme. The new programmes are developed with the help of feedback from experts, faculty meetings with the industrialists for ensuring practical orientation of the courses, feedback from university teachers through Board of Studies meetings and feedback from students and alumni.

30. Does the department obtain feedback from:

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Monthly meetings are held at the department and Board of Studies level to deliberate on syllabus improvement and revision. For syllabus revision, committees are constituted with teacher in-charge for ensuring teaching-learning-evaluation. Further, the suggestions with regard to teaching-learning- evaluation are implemented through the Head of Department.

(b) Student on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback is taken at the administrative level through tutorial group meetings. Head of the department discusses the feedback with the faculty members, which initiates soul searching as the department aims at striving for academic excellence.

(c) Alumni and employers on the programmes and what is the response of the department to the same?

Yes, the feedback from alumni of the department is obtained during alumni meet held annually. The valuable suggestions from alumni members are utilized for the designing and development of academic curriculum of the department. The industrial tours are organized form time to time and suggestions of the industry experts are also considered for the growth and development of the department. In particular, the following alumni members actively participate in the department meetings and activities:

- S. Tajinder Singh Khalsa (Member, Academic Council of the College)
- S. Davinder Singh (Member, Board of Studies)
- Sh. Vipul Arora (Member, Board of Studies)
- S. Rupinder Singh Madaan (Member, Board of Studies)
- S. Gunbir Singh (Finance Secretary, Khalsa College Charitable Society)

31. List of the Distinguished Alumni of the Department:

S. No.	Name	Designation	Institution
1.	S. Tajinder Singh Khalsa	Regional Manager	State Bank of India
2.	S. Jaswinder Singh	DGM	State Bank of Patiala
3.	Dr. Sandeep Singh Kaura	Pro-Vice Chancellor	Rayat & Bahra University, Mohali
4.	Dr. Jaspal Singh	Professor & Head	Department of Commerce, GNDU, Amritsar.
5.	S. Prabhjot Singh	PCS	Employment Officer Ajnala, Govt. of Punjab
6.	S. Harinderpal Singh	CIT	Ayakar Bhawan, New Delhi
7.	S. Gurjit Singh	Principal	Baba Ajay Singh Khalsa College, Gurdas Nangal, Gurdaspur
8.	Dr. Navdeep Kaur	Principal	SSSS College of Commerce for Women, Amritsar
9.	Sh. Naveen Kumar	Senior Manager	Standard Chartered Bank, Dubai
10.	Col. Charanjit Singh Chowdhary	Colonel in Mehraj Regiment	New Delhi

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts:

S. No.	Student Enrichment Programmes	Theme	Date	External Expert
1.	One Day ICSSR Sponsored National Seminar	Social Sector Development Through Social Inclusion	Mar 18, 2017	S. N.S. Rattan (IAS Retd.) Dr. (Prof.) Jaspal Singh (Head, Commerce Department, GNDU) Dr. (Prof.) Gurcharan Singh (Punjabi University) Dr.(Prof.) Mandeep Kaur (Commerce Department, GNDU) Dr. (Prof.) Jasbir Singh (Jammu University) Dr. (Prof.) Ran Singh

S. No.	Student Enrichment Programmes	Theme	Date	External Expert
				(Punjabi University) Dr. Aparna Bhatia (Commerce Department, GNDU) Prof. Devender Singh (Registrar, Khalsa College Amritsar)
2.	Extension Activity	Comm-Fest Explore 2K17	Mar 8, 2017	Mrs. Mala Sharma, Mrs. Suman Thakur, Mrs. Meenakshi Mehra, Mr. Safar Shukla, S. Harminder Singh Gambhir, S. Kanwardeep Singh Sandhu, Mr. Sandeep Singh, Mr. Navtej Singh, Dr. Parminder Singh Grover, Mrs. Latika Arora, Ms. Arshdeep Kaur, Mrs. Shruti Arora, Ms. Supnandeep Kaur, Mrs. Rimple Bhandari, Prof. Mandeep Sokhi, Mr. Dev Dard, Mr. Atul Mehra, Mr. Brajesh Jolly, Mr. Kunal T., Ms. Richa Aneja, Mrs. Deep Mandeep, Mr. Yakub, Mrs. Sonia, Ms. Aanchal Arora
3.	Workshop	7 Days National Workshop on Research Methodology	Dec 18-24, 2016	Dr. Sanjay Rastogi, Associate Professor, IIFT Dr. Sanket Vij, BPS Mahila Vishwavidyalaya, Khanpur Kalan, Sonipat Dr. Balwinder Singh, GNDU
4.	Workshop	3 Days Commerce Students' workshop on 'Taxation, Accounting, Capital Markets & Banking'	Dec 12-14, 2016	CA Sudhir Khera, CA Vikas Kumar, CA Davinder Singh CA Iqbal Singh Grover Mr. Vaibhav Mediratta Management Consultant and Corporate Trainer IMPACT Training and Consulting, New Delhi.
5.	Extension Lecture	Career in Banking	Aug 19, 2016	Mr. Naveen Sharma, Senior Manager, Standard Chartered, Dubai
6.	Industrial Visit	Senior Machinery Ltd., Daburji	Apr 21, 2016	M. D., Senior Machinery Ltd., Daburji.
7.	Extension Activity	Entrepreneurship & Start Ups	Apr 7, 2016	Indian School of Start-ups, Amritsar.
8.	Industrial Visit	Ambuja Industries Ltd., Shimla	Feb 27-28, 2016	M. D., Ambuja Industries Ltd., Shimla.
9.	Extension Activity	Financial Inclusion: Pehla Kadam	Feb 20, 2016	CNBC AWAAZ Channel
10.	Extension Activity	Career Counselling Fest	Jan 29, 2016	Principals of Colleges

S. No.	Student Enrichment Programmes	Theme	Date	External Expert
11.	Extension Lecture	Skill India Development	Jan 15, 2016	Dr. Sandeep Kaura, Skill Advisor to CM, Punjab.
12.	Industrial Visit	Verka Milk Plant, Amritsar	Dec 23, 2015	M.D., Verka Milk Plant, Amritsar
13.	Extension Activity	Comm-Fest 2K15	Oct 28, 2015	Commerce Society, Khalsa College and experts from 19 institutions affiliated to GNDU, Amritsar.
14.	Extension Lecture	Accounting Standards: The Contemporary Scenario	Oct 17, 2015	Mr. Ashok Arora, Former Secretary, Accounting Standards Board, The Institute of Chartered Accountants of India, New Delhi
15.	Extension Lecture	Role of Reserve Bank of India in Indian financial system	Feb 27, 2015	Sh. Braja Mohan Mishra, Principal Advisor, Department of Economic & Policy Research, Reserve Bank of India, Mumbai
16.	Extension Lecture	Skill Enhancement and Career Orientation in Commerce	Nov 14, 2014	Mr. Kiran Kurwade (PIBM,Pune)
17.	Workshop	Tally ERP 9- An Accounting Software	Nov 4, 2014	Ms. Neeru and Mr. Rajesh from NIIT, Amritsar
18.	Extension Lecture	Career Counseling	Nov 19, 2013	Mr. Matt Alex, USA
19.	Extension Lecture	Emerging Trends in Marketing	Feb 10, 2012.	Dr. B.S. Maan, Reader, GNDU

33. List of teaching methods adopted by the faculty for different programmes:

Under-Graduate Courses:

- (a) Case studies
- (b) Chalk and Talk Method
- (c) Power point presentations (ppt) are regularly used depending upon the need of the topic
- (d) Quiz and Discussions are held in the classroom on fortnight to monthly basis
- (e) Student seminars are organized on regular basis
- (f) Class room tests are conducted by the teachers
- (g) Role playing techniques
- (h) Industrial visits for practical orientation
- (i) Assignments

Post-Graduate Courses:

- (a) Case studies
- (b) Use of Multi-media
- (c) Chalk and Talk Method
- (d) Power point presentations (ppt) are regularly used depending upon the need of the topic

- (e) Quiz and Discussions are held in the classroom on fortnight to monthly basis
- (f) Student seminars are organized on regular basis
- (g) Class room test are conducted by the teachers
- (h) Role playing techniques
- (i) Industrial visits for practical orientation
- (j) Assignments
- (k) Students are given presentations on various topics related with their curriculum

Research Course (M.Phil.):

- (a) Case studies
- (b) Use of Multi-media
- (c) Chalk and Talk Method
- (d) Power point presentations (ppt) are regularly used depending upon the need of the topic
- (e) Classroom discussions are conducted
- (f) Student seminars are organized
- (g) Term Papers
- (h) Assignments
- (i) Discussion with experts from various institutions
- (j) Providing opportunity in the workshops or seminars organized by the department

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

The department sketches calendar for its academic and extra-curricular activities at the beginning of the academic year. The teachers self evaluate and obtain feedback from students on an individual basis in order to modify future performance. Consistent efforts are made by the faculty to provide practical knowledge to the students. Further, feedback is obtained from the alumni as regards the absorption of the department students in various corporate houses and other industry segments.

35. Highlight the participation of students and faculty in extension activities:

- (a) Commerce Society has been formed in the department for promoting Academic and extracurricular activities.
- (b) Both students as well as faculty members participate in various activities.
- (c) NCC, NSS, Sports, Quiz competition, Commerce Fest, Industrial Visits, Festival celebrations like Baisakhi and Teej etc.
- (d) Commerce Society with students as office bearers has been formed to inculcate leadership qualities and instill confidence among students by organizing academic and extra-curricular activities.

36. Give the detail of “beyond syllabus scholarly activities” of the department:

Beyond syllabus scholarly activities include the following:

- (a) Organizing/attending seminars
- (b) Organizing/attending workshops
- (c) Extension lectures
- (d) Field and educational tours
- (e) Inter and intra-college quiz competitions
- (f) Student level seminar presentation competition

37. State whether the programme/department is accredited/graded by other agencies. Give details.

Yes, the department is recognized under the CPE scheme of the UGC.

38. SWOC analysis of the department:

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Highly qualified faculty (11 Ph.Ds) with professional commitment. 2. Twenty Books and 54 research papers published in various National/International journals by the faculty members. 3. Availability of independent Seminar Hall for various events. 4. Commerce Research Center has been set up in the department for providing intellectual stimulus to students to pursue higher studies and research after graduation and post-graduation within India and abroad. 5. Well-equipped departmental library with internet facility. 	<ol style="list-style-type: none"> 1. Shortage of regular staff. 2. Need of ICT in all classrooms of the department. 3. No National/International academic seminars and conferences in the past. 4. Limited practical exposure to students due to lack of industry in the city. 5. No collaboration with National or International bodies.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. Starting of professional and job oriented courses. 2. To start advance research degree courses (Ph.D). 3. More ID courses. 4. Organizing National/International conferences and seminars. 5. Designing the new curriculum as per the requirements of the employers. 	<ol style="list-style-type: none"> 1. Lower fees being charged for the various Commerce courses by GNDU constituent colleges. 2. Adequate training programs due to non-availability of industry in Amritsar. 3. Coping up with the students of rural areas. 4. To engage in consultancy programs to cater to the industry requirements. 5. To help the students to excel in various competitive exams.

39. Future Plans of the Department:

- National/Regional level seminars as regular feature.
- International Conferences from 2017-18 (Golden Jubilee Year of the Department).
- Industrial visits for each class on regular basis as per department calendar.
- Collaboration with National/International bodies.

- Career guidance to all the schools/colleges of Amritsar.
- Starting skill development programs.
- Trade fairs of the commerce department.
- To start new vocational courses.
- Commerce Students' Workshop from 2016-17 as a regular feature.
- National Workshop on Research Methodology from 2016-17 as a regular feature.
- Upgrading the Commerce Lab. and developing the model for guiding other colleges/institutions.
- Upgrading the Research Centre of the department.
- To create Incubation Centre.

Evaluative Report of P.G. Department of Computer Science and Applications

1	Name of the Department	P.G. Department of Computer Science and Applications	
	Year of Establishment	1989	
2	Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	<ul style="list-style-type: none"> • M.Sc.(CS) • M.Sc.(IT) • PGDCA
		UG Courses	<ul style="list-style-type: none"> • BCA • B.Sc.(IT) • B.Sc.(CS) • DCA
3	Interdisciplinary courses and departments involved:	---	
4	Annual/semester/ choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	Department	Course
		Arts	BA
		Commerce	BBA, B.Com (Pass & Hons.), B.Com (Prof.), M.Com, PGDFS
		Biotech	B.Sc.(Bio-Tech)
		Food Sc. & Tech.	B.Sc.(FST)
		Physiotherapy	Bachelor of Physiotherapy
		Agriculture	B.Sc.(Agriculture)
		Chemistry	M.Sc.(Chemistry)
		Botany	M.Sc.(Botany)
		Zoology	M.Sc.(Zoology)
		Maths	M.Sc.(Maths)
		Economics	B.Sc. (Economics)
		Fashion Designing	B.Sc.(Fashion Designing)
Journalism & Mass Communication	B.A. (Journalism & Mass Communication)		
Music	M.A. (Music)		

6. Number of teaching post sanctioned and filled

Number of Teaching posts	Sanctioned	Filled
Professor	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	26	26*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds

7. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil. , etc.

Regular Faculty:

S. No.	Name of the Teacher	Academic Qualification	Designation	Specialization	No. of Years of Experience	No. of Students guided for the last 4 yrs
1.	S. Harbhajan Singh	M.Sc.(Math), B.Ed., MCA	Assistant Professor & Head	Data Structures, Algorithms	23	---
2.	S. Rachhpal Singh	MCA,UGC	Assistant Professor	Parallel and Distributed Computing	23	---
3.	Ms. Kawaljit Kaur	MCA UGC-NET,SLET	Assistant Professor	Software Engineering, Computer Networks, Databases	18	---
4.	Ms. Sukhwinder Kaur	MCA, SLET	Assistant Professor	Numerical Analysis, Operating system	18	---
5.	Ms. Mani Arora	MCA, M Tech (IT), Ph.D.	Assistant Professor	Information Security	10	---
6.	Ms. Sukhpuneet Kaur	M.Sc.(CS),M Tech.(IT)	Assistant Professor	Software Engineering, Computer Networks	7	---
7.	Ms. Prabhjot Kaur	M.Sc.(CS), M.Tech. (CSE), UGC-NET	Assistant Professor	DBMS	6	---
8.	Ms. Anureet Kaur	MCA UGC-NET	Assistant Professor	Software Engineering	6	---

Adhoc Faculty:

S.No.	Name of the Teacher	Academic Qualifications	Designation	Specialization	No. of Years of Experience
1	S. Rajkaran Singh	M.Sc. (CS), M.Tech. (IT)	Assistant Professor	Computer Networks	7
2	Ms. Gaganpreet Kaur	MCA	Assistant Professor	Computer Architecture	7
3	S. Jagbir Singh Virk	MCA	Assistant Professor	Network Operating System	12

S.No.	Name of the Teacher	Academic Qualifications	Designation	Specialization	No. of Years of Experience
4	Ms. Poonamjeet Kaur	MCA	Assistant Professor	DBMS	11
5	Sh. Ravi Patni	MCA	Assistant Professor	Software Engg.	6
6	Ms. Pardeep Kaur	MCA	Assistant Professor	Java, ASP.net, C++, Databases	2
7	Sh. Dineshpal	MCA	Assistant Professor	Programming	7
8	Ms. Guneet Kaur	MCA	Assistant Professor	C++, Data Structure	5
9	Ms. Amritpal Kaur	M.Tech. (CS)	Assistant Professor	Networks	3
10	Ms. Rupinder Kaur	MCA	Assistant Professor	Computer Graphics, Networks, Operating System	2
11	S. Amrinderpal Singh	MCA	Assistant Professor	Numerical Analysis	7
12	Ms. Simranjit Kaur	MCA	Assistant Professor	Java, Networks	5
13	Ms. Sonali Tuli	MCA	Assistant Professor	Data Structure, DBMS, C++	1
14	S. Prabhsimran Singh	M.Tech.(CS), UGC-NET	Assistant Professor	TOC, DBMS, Data Hiding	1
15	Ms. Nimrat Sandhwalia	MCA	Assistant Professor	Numerical Method, Computer Graphics, Networking	1
16	Ms. Kulbir Kaur	M.Tech.(CS)	Assistant Professor	DBMS,C++,Architecture	5
17	Ms. Harpreet Kaur	MCA	Assistant Professor	Software Engg. , C++, DBMS, Networks	2
18	S. Manmeet Singh	MCA	Assistant Professor	Operating System, Java, Digital Electronics	0.5

8. Percentage of classes taken by temporary faculty – programme-wise information

Course	2012-13	2013-14	2014-15	2015-16	2016-17
BCA	41	44	60	73	74
B.Sc.(IT)	39	70	66	64	83
B.Sc.(CS)	84	63	96	88	100
M.Sc.(CS)	35	58	44	57	34
M.Sc.(IT)	60	32	43	43	43
PGDCA	-	-	100	88	88
DCA	-	-	-	100	100

9. Programme-wise Student Teacher Ratio

Programme	2015-2016	2016-2017
	Student Teacher Ratio	Student Teacher Ratio
BCA	18:1	17:1
B.Sc.(IT)	10:1	11:1
B.Sc.(CS)	12:1	8:1
M.Sc.(CS)	4:1	3:1
M.Sc.(IT)	5:1	5:1
PGDCA	10:1	13:1
DCA	15:1	30:1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled.

Posts	Sanctioned	Filled
Technical Staff (Permanent)	02	02
Technical Staff (Temporary)	05	05
Administrative Staff	03	03

11. Number of faculty with ongoing projects from a) National b) International funding agencies and total grants received. Mention names of funding agencies and grants received project-wise:

At present, there is no ongoing project from National and International funding agencies.

12. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

At present, there is no ongoing project funded by DST –FIST; UGC, DBT, ICSSR, etc.

13. Research facility/centre recognized by the University: Nil

- State recognition
- National recognition
- International recognition

14. Publications:

Sr. no.	Name of Faculty	Paper Published on National/International	Books with ISBN No. with details of Publisher	Chapter(s) in Book(s)	Editing Books	Citation Index	SNIP	SJR	Impact factor	h-Index
1	S. Harbhajan Singh	01	04 (UNIMAX)							
2.	S. Rachhpal Singh	17	24 (Kalyani Publishers)							
3.	Ms. Kawaljit Kaur	02								
4.	Ms. Sukhwinder Kaur									
5.	Ms. Mani Arora	03								
6.	Ms. Sukhpuneet Kaur	02		01						
7.	Ms. Anureet Kaur	14								
8.	Mr. Jagbir Singh	02								
9.	Mr. Rajkaran Singh	06								
10.	Ms. Poonamjit Kaur	01								
11.	Mr. PrabhSimran Singh	05								

15. Details of patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies

- a) General Orientation Programmes
- b) Refresher Courses
- c) Conferences

- d) Workshops
- e) Seminars
- f) Staff Meetings
- g) Specific Assignment of duties

18. Student projects:

- a) percentage of students who have done in-house projects including inter-departmental

S.No.	Course	No. of students who have done in house projects during 2015-16	Percentage
1.	BCA	76	100
2.	B.Sc.(IT)	31	100
3.	M.Sc.(CS)	25	100
4.	M.Sc.(IT)	20	100

- b) Percentage of students doing projects in collaboration with industries/institutes : Nil

19. Awards/Recognitions received at the National and International level by faculty and students

Students:

I. Sports

Year	No. of medals	Game(s)
2014-15	2	Cricket
2015-16	11	Cricket, Cycling, Archery, Fencing, Hockey, Water Sports

II. Inter-College Contests

Contest	College	Year	No. of Awards
IT Fest PRAYAAS 2016	Amritsar College of Engineering & Technology, Asr.	2015-16	3
Fest Spark 2016	Appejay Institute, Jalandhar	2015-16	1
Plasma 2017	Lyallpur Khalsa College, Jalandhar	2016-17	2
Spark 2017	Apeejay College of Management, Jalandhar	2016-17	4

20. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any. :

Sr. No	Seminar/Workshop	Date	Resource Person	Source of Funding
1.	Seminar on Latest Trends in IT	February 7, 2011.	Dr. Gurvinder Singh and Mr. Amit Chhabra, GNDU Amritsar	Self-Financed
2.	Seminar on Internet Security Issues	October 20, 2011.	C-DAC executives	Self-Financed
3.	Seminar on Software	March 28, 2015	Dr. Kuljit Kaur, GNDU	Self-Financed

Sr. No	Seminar/Workshop	Date	Resource Person	Source of Funding
	Engineering		Amritsar and Dr. Rajesh Kumar Bhatia, PEC University Chandigarh.	
4.	Seminar on Enlightening and Empowering Minds Through Holistic Education	April 11, 2015	Prof. R.S. Salaria, Rayat Bahra Institute of Engineering and Nano-Technology, Hoshiarpur	Self-Financed
5.	Seminar on Programming The Minds	October 17, 2015	Prof. R.S.Salaria Rayat Bahra Institute of Engineering and Nano-Technology, Hoshiarpur	Self-Financed
6.	Seminar on Programming the Minds	September 10,2016	Prof. R..S Salaria Rayat Bahra Institute, Hoshiarpur	Self-Financed
7.	Seminar on Big Data	September 17,2016	Dr Parteek Bhatia, Thapar Institute of Engineering & Technology University, Patiala	Self-Financed
8.	Seminar on Digital India	December 17,2016	Mr. Harjit Singh, TCS, New Delhi.	Self-Financed

21. Student profile programme/course-wise:

Name of the Course	Session 2012-13 Selected			Session 2013-14 Selected			Session 2014-15 Selected			Session 2015-16 Selected		
	M	F	T	M	F	T	M	F	T	M	F	T
BCA I	127	28	155	119	35	154	92	22	114	89	15	104
BCAII	40	17	57	84	26	110	58	27	85	55	18	73
BCAIII	48	21	69	35	18	53	67	22	89	51	26	77
B.Sc. IT I	75	10	85	58	24	82	50	26	76	54	13	67
B.Sc. IT II	19	11	30	50	09	59	20	14	34	27	20	47
B.Sc. IT III	25	23	48	20	11	31	41	09	50	19	14	33
B.Sc. (CS) I	59	55	114	42	36	78	47	23	70	28	24	52
B.Sc. (CS) II	29	20	49	43	50	93	27	32	59	30	17	47
B.Sc. (CS) III	28	33	61	28	19	47	46	38	84	24	32	56
M.Sc. IT I	10	31	41	18	27	45	05	16	21	10	18	28
M.Sc. IT II	10	20	30	08	29	37	17	29	46	05	15	20
M.Sc. (CS) I	05	27	32	06	19	25	06	20	26	02	13	15
M.Sc. (CS) II	04	13	17	04	26	30	06	19	25	04	21	25
PGDCA	0	0	0	0	0	0	08	15	23	26	19	45
DCA										38	30	68

Name of the Course (refer question no.21)	Pass Percentage Session 2012-13		Pass Percentage Session 2013-14		Pass Percentage Session 2014-15		Pass Percentage Session 2015-16	
	M	F	M	F	M	F	M	F
BCA	67.3	76.5	61.26	67.16	40.23	50.56	61.93	54.6
B.Sc.IT	78.36	92.36	79.6	87.86	41.36	73.8	50.76	67.26
B.Sc.(CS)	76.6	71.06	77.13	74.13	57.13	66.53	44.63	80.3
M.Sc.IT	100	100	100	100	100	100	100	100
M.Sc.(CS)	100	100	100	94.2	100	100	81.25	97.6
PGDCA	-	-	-	-	71.7	50.2	60	83.3
DCA	-	-	-	-	-	-	37.5	86.5

22. Diversity of Students

Session	Name of the course	Percentage of students from the college	Percentage of Students from the State	Percentage of Students from the other States	Percentage of students from the other countries
2015-16	M.Sc.(IT)	45	53	2	Nil
	M.Sc.(CS)	45	55	Nil	Nil
2016-17	M.Sc.(IT)	30	70	Nil	Nil
	M.Sc.(CS)	22	78	Nil	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? :

Civil Services	NET	SLET	GATE	Defense services
02	---	---	---	---

24. Student Progression' (2015-16)

Student Progression	Percentage Against enrolled
UG to PG	30.5
PG to M. Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
● Campus Selection	35.4
● Other Than Campus recruitment	4.6
Entrepreneurs	-

25. Diversity of staff

Percentage of faculty who are graduates (2016-17)	
Of the same parent university	72
From other universities within the State	28
From other universities from other States	-

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

S.No.	Degree awarded	Number of faculty Members
1	Ph.D.	01

27. Present details of Infrastructural facilities

S.No.	Facility	Details
a)	Library	Books:1186 Journals:07
b)	Internet Facilities for Staff and Students	12 Mbps dedicated 1:1 Leased Lines from QTL Connect. Planning to increase the bandwidth very soon
c)	Total number of class rooms	13
d)	Class rooms with ICT facility	02
e)	Students' Laboratories	05 (Including Centralized Computer lab)
f)	Research Laboratory with ICT facility	01 (Centralized Computer lab)

28. Number of students receiving financial assistance from College, university, government or other agencies

Course	Number of students receiving financial assistance		
	College	Government	Total
B.Sc. (CS)	29	09	38
M.Sc. (CS)	06	02	08
M.Sc. (IT)	07	09	16
BCA	31	16	47
B.Sc. (IT)	15	21	36

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, a complete exercise is carried out before the start of new program. First of all a committee is established to identify the need of the society and industry for a particular program. The new programs are developed on the basis of feedback obtained from experts, university teachers through board of studies meetings followed by discussion with faculty members. The meetings are also held with the industrialists for ensuring practical orientation of the courses. The syllabus of the course is designed and presented to the members of board of studies for discussion and modification

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from the faculty on curriculum as well as teaching learning evaluation. These feedbacks are discussed in monthly meetings and necessary steps are taken to improve teaching-learning evaluation process.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The department obtains feedback from the student on staff, curriculum as well as teaching learning evaluation. The department takes the necessary steps to overcome students' complaints to provide them quality education.

(c) Alumni and employers on the programmers and what is the response of the department to the same?

The suggestions from alumni of the department are obtained for improvement in the academic programme, infrastructure etc. during alumni meet held annually. The valuable suggestions from alumni members are utilized for the development of the department. The industrial tours are organized from time to time and suggestions of industry are also considered for the development of the department.

31. List of distinguished alumni of department (maximum 10)

Sr. No	Name	Designation	Institution
1.	Dr. Gurvinder Singh	Professor	GNDU, Amritsar
2.	Mr. Sandeep Singh	Assistant Professor	GNDU, Amritsar
3.	Ms. Kawaljit Kaur	Assistant Professor	Khalsa College, Asr
4.	Ms. Mani Arora	Assistant Professor	Khalsa College, Asr
5.	Mr. Rajkaran Singh	Assistant Professor	Khalsa College, Asr
6.	Ms. Poonamjit Kaur	Assistant Professor	Khalsa College, Asr
7.	Mr. Sunil Joshi	Senior Consultant	INFOSYS

Sr. No	Name	Designation	Institution
8.	Mr.Rajesh Sharma	Branch Manager	HDFC Bank, Asr
9.	Mr. Ankit Sharma	Programmer	TCS, New Delhi
10.	Ms. Manpreet Kaur	Sub Inspector	Punjab Police

32. Give details of Student enrichment programmers (special lectures / workshops/ seminar) with external experts.

Sr. No	Enrichment program	Date	Resource Person
1.	Workshop on Network Security	Feb 7, 2012	Jet King
2.	Extension lecture on Emerging Trends in IT	Nov 9, 2012.	Dr. Gurvinder Singh, GNDU Amritsar
3.	Extension lecture on Emerging Trends in Computing	Jan 23, 2014	Dr. Hardeep Singh GNDU, Amritsar
4.	Workshop on Latest upcoming technologies based on Android	Sept, 2014	HCL
5.	Tech- Fest 2014	Oct 15, 2014.	Tech-Era Computer Society
6.	Guest Lecture on User Interface Design (UID) And Human Computer Interaction (HCI)	Apr 27, 2015.	Dr.Ratvinder Singh Grewal, Faculty, Laurentian University, Ontario, CANADA
7.	Workshop on PHP	Sept 10, 2015.	Mr. Gurwinder Singh & Mr. Sunil Sharma, Sachtech Solutions, Mohali
8.	Workshop on Ruby on Rails	Oct 07,2015	Ms. Honey Nakhra& Ms. NavneetKaur, HCL-CDC, Mohali
9.	Online Test Cut the Knot	Oct 08, 2015.	T.I.M.E Institute
10.	Industrial Visit (06 weeks Industrial Training)	Nov 09, 2015.	HCL-CDC, Mohali
11.	Industrial Trip to Science City , Kapurthala	Dec 24, 2016.	
12.	Workshop on Networking	Feb 03, 2016.	Jet King executives
13.	Industrial Trip To Chandigarh	Feb 23-24, 2016	
14.	Tech Fest 2016	Mar 30, 2016.	Tech-Era Computer Society
15.	Workshop on Computer Assembling & Networking	Oct 08,2016	AIIT-Jetking Amritsar

33. List of teaching methods adopted by the faculty for different programmes.

Under- Graduate courses:

- a) Chalk and Talk Method.
- b) Over Head Projectors (OHP) are used for lecture/demonstration.
- c) Power point presentations (ppt) are regularly used depending upon the need of the topic.
- d) Quiz and Discussions are held in the classrooms on fortnight to monthly basis.
- e) Student seminars are organized on bimonthly basis.
- f) Class room tests are conducted on monthly basis.
- g) Industrial visits for practical orientation.
- h) Assignments.

Post-Graduate Courses:

- a) Case Studies.
- b) Use of Multi-Media.
- c) Chalk and Talk Method.
- d) Over head projectors (OHP) are used for lecture/demonstration.
- e) Power point presentations (ppt) are regularly used depending upon the need of the topic.
- f) Quiz and Discussions are held in the classrooms on fortnight to monthly basis.
- g) Student seminars are organized on bimonthly basis.
- h) Class room test are conducted on monthly basis.
- i) Industrial visits for practical orientation.
- j) Assignments.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The department sketches calendar for its academic and extra-curricular activities by the start of the academic year. Further, regular class room feed back is obtained to find out the lacking areas and corrective actions are taken timely for improving the performance.

35. Highlight the participation of students and faculty in extension activities.

- (a) Tech Era Student Computer Society has been formed in the department for promoting academic and extra-curricular activities. The society includes both students as well as teachers for organizing seminars, conferences and workshops. The society also organizes educational trips of the students.
- (b) Students of the department participate in NSS, NCC, Nagar Kirtans, Industrial visits, departmental seminars and other co-curricular activities held in the college.
- (c) Faculty of the department participates in Convocations, Nagar Kirtans, Sports Day, Gurpurabs and festivals like Baisakhi and Teej etc.

36. Give details of “beyond syllabus scholarly activities” of the department.

The “Beyond the syllabus scholarly activities” include the following

- (a) Organizing Seminars/Workshops/ Extension lectures on latest technologies.
- (b) Organizing Inter-college contest Tech-Fest annually.
- (c) Organizing Educational Tours and Industrial visits.
- (d) Conducting Online Test of the students.

37. State whether the programme/department is accredited/ graded by other agencies. Give, details. No

38. Details any five Strengths, Weakness, Opportunities and Challenges (SWOC) of the department.

SWOC Analysis of the department

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Well equipped multimedia computer labs including research lab with high bandwidth Internet (Leased Line) facility. 2. Well qualified and dedicated faculty 3. Online tests, in-house trainings on latest technologies, Personality Development Programmes, Industrial trainings, Placement drives of students. 4. Participation in the courses offered by other departments. 5. Management of College Website, College E-governance, College campus network and College CCTV surveillance. 	<ol style="list-style-type: none"> 1. Less number of regular teaching and non-teaching faculty. 2. Less diversity of students. 3. Lack of research facilities. 4. Lack of online access to various research journals. 5. Shortage of funds for organizing seminars, workshops and conferences.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To start MCA programmes. 2. To start M.Phil programmes. 3. Designing the new curriculum as per the need of industry. 4. Exposure of the students to various software companies through industrial visits. 5. To introduce more job oriented courses. 	<ol style="list-style-type: none"> 1. Introduction of new courses according to industry requirements. 2. To train the students for various competitive exams. 3. To motivate research among students and faculty. 4. To create better infrastructure to provide quality education to the students. 5. To provide more placement opportunities for the students.

39. Future Plans of the Department:

- To organize National/International Conference.
- To provide better Computer labs and classrooms.
- To provide better research facilities to the staff and students.
- To have collaboration with National/International bodies.
- To prepare students according to industry need.

Evaluative Report of P.G. Department of Economics

1	Name of the Department	P.G. Department of Economics	
	Year of Establishment	1932	
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	P G Courses	M.A (Economics)
		UG Courses	B.A/ B.Sc Economics
3	Interdisciplinary courses and departments involved	---	
4	Annual/ semester/choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	(a) M.Sc Agriculture (b) B.Sc Agriculture (c) B.Com(R) (d) B.Com (Hons) (e) M.Com. (f) BBA (g) BPT (h) B.A Social Sciences	

6. Number of Teaching Posts Sanctioned and Filled

Teaching Posts	Sanctioned	Filled
Professor	---	---
Associate Professor	02	02
Assistant Professors	09	7+1*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D/ M.Phil Students guided for the last 4 years
Mrs. Jagwinder Kaur	M.A, M.Phil	Head (Assoc. Professor)	Macro Economics	24	---
Dr. Anju Sharma	M.A, M.Phil, Ph.D	Associate Professor	Economics of Development & Planning	18	---
Dr. Geetinder Mann	M.Sc (Hons. School), Ph.D	Assistant Professor	Indian Economy	15	---
Dr.(Mrs) Saveeta	M.Sc (Hons. School), Ph.D	Assistant Professor	Money & Banking	18	---
Dr.(Mrs) Navjot	M.Sc (Hons. School), , Ph.D	Assistant Professor	Public Finance	14	---

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D/ M.Phil Students guided for the last 4 years
Dr. Supreet Kaur	M.Sc (Hons. School), Ph.D	Assistant Professor	Development Economics	04	—
Dr. Seozy Bhatia	M.Sc (Hons. School), Ph.D	Assistant Professor	Development Economics	05	—
Dr. Kawaljeet Kaur	M.Sc (Hons. School), Ph.D	Assistant Professor	Development Economics	01	—
Dr. Pinky	M.Sc (Hons. School), Ph.D	Assistant Professor	Development Economics	02	—
Dr. Moninder Kaur	M.Sc (Hons. School), Ph.D	Assistant Professor	Money & banking	02	—

8. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

Class	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
M.A (Eco)	10	40	60	36.4	Nil	Nil
B.A/B.Sc (Eco)	29	29	29	33.33	14.2	Nil

9. Programme-wise Student Teacher Ratio

Classes	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
M.A (Eco)	2:1	4:1	8:1	8:1	6:1	4:1
B.A/B.SC (Eco)	22:1	22:1	24:1	29:1	35:1	21:1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Number of Academic support staff (Technical)	Sanctioned	Filled
	01	01 (L.A.)

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Name	Topic	Funding agency	Grant
Dr.Navjot	Fiscal Crisis in Punjab: Analysis and Implications	UGC	1,60,000

12. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

13. Research Centre /facility recognized by the University: NIL

14. Publications

S. No.	Name of Faculty	Paper Published National/International	Mono graphs	Chapter (s) in Books	Editing Books	Books with ISBN number	Number listed in International data base	Citation index	SNIP	SJR	Impact factor range	h-Index
1	Dr. Geetinder Mann	3	-	-	-	-	-	-	-	-	-	-
2	Dr. Saveeta	-	-	1	-	-	-	-	-	-	-	-
3	Dr. Navjot Kaur	2	-	-	-	-	-	-	-	-	-	-
4	Dr. Supreet Kaur	14	-	1	-	1 (978-1-63047-430-0), Sara Book Publication, Gujarat	-	-	-	-	-	-
5	Dr. Seozy Bhatia	4	-	1	-	1 (978-81-8484-322-4), Regal Publication, New Delhi.	-	-	-	-	-	-
6	Dr. Kawaljeet Kaur	13	-	-	-	-	-	-	-	-	-	-
7	Dr. Pinky	6	-	1	-	-	-	-	-	-	-	-
8	Dr. Moninder Kaur	1	-	1	-	-	-	-	-	-	-	-
Total		43		05		02						

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies

The faculty members are encouraged to organize/ attend the

- | | |
|------------------------------------|-----------------------|
| (a) Faculty Development Programmes | (b) Refresher courses |
| (c) GOC | (d) Workshops |
| (e) Seminars | (f) Guest Lectures |

18. Student projects

a) **Percentage of students who have done in-house projects including inter departmental/programme:** Nil

b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:** Nil

19. Awards / Recognitions received by faculty and students: Nil

20. Seminars/ Conferences/Workshops organized & the source of funding :

S.No.	Type of Activity	Name of Resource Person	Topic	Date & Year	Funding Agency
1.	Extension Lecture	Dr. Parminder Singh	Globalization and Indian economy- Impact and Implications	Nov 12,2014	Self-Financed

S.No.	Type of Activity	Name of Resource Person	Topic	Date & Year	Funding Agency
2.	Extension Lecture	Dr Paramjit Nanda Prof & Head PSE, G.N.D.U	Issues in Foreign Exchange	March 2, 2015	Self-Financed
3.	Extension Lecture	Prof (Dr.) Paramjit Kaur Dhindsa	Issues and Challenges in the Indian Agriculture with special reference to Punjab	Jan. 21, 2016	Self-Financed

21. Student Profile Programme/Course Wise:

Name of Course	Applications Received	Selected			Pass Percentage	
		Total	Male	Female	Male	Female
Session 2011-12						
B.Sc. (Eco)	82	35	15	20	92.30	95
M.A. (Eco)	18	11	0	11	-	91
Session 2012-13						
B.Sc. (Eco)	87	38	14	24	92.30	100
M.A. (Eco)	38	7	01	06	100	66.66
Session 2013-14						
B.Sc. (Eco)	78	23	12	11	84.67	80
M.A. (Eco)	48	28	0	28	50	76.92
Session 2014-15						
B.Sc. (Eco)	57	37	12	25	100	88.23
M.A. (Eco)	51	37	6	31	100	100
Session 2015-16						
B.Sc. (Eco)	52	46	27	19	40	78.94
M.A. (Eco)	47	44	05	39	100	100

22. Diversity of Students

Name of the Course	Percentage of students from the College	Percentage of students from the State	Percentage of students from other States	Percentage of students from other Countries
B.Sc. (Eco.)	-	97.96	2.04	-
M.A. (Eco.)	-	92.31	7.69	-

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.:
 01 (Defense Services)

24. Student Progression

Student Progression	Against % enrolled
UG to PG	20.00
PG to M. Phil	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
Campus selection	5.63
Other than campus recruitment	29.00
Entrepreneurship/Self-employment	

25. Diversity of the Staff:

Percentage of the faculty who are graduates	
Of the same parent university (8)	88.9
From other university within the state (1)	11.1
From other university from other state	--

26. Number of faculty who were awarded Ph.D., D. Sc., and D. Litt. during the assessment period (2011-16):

S. No	Degree awarded	Number of Faculty Members
1	Ph.D	05

27. Present details of Infrastructural facilities

S. No.	Facility	Detail		
		Journals (College Library)	Books (College Library)	Newspapers (in the Dept)
a)	Library	10	15711	01
b)	Internet facilities for Staff & Students	Yes		
c)	Total number of classrooms	Six		
d)	Class rooms with ICT facility	No		
e)	Student Laboratories	Students use computer Dept. lab for practicals		
f)	Research Laboratories	No		

28. Number of students receiving financial assistance from college, university, government or other agencies

Class	Number of students getting financial assistance from		
	College	Government	Total
B.Sc. Economics	16	09	25
M.A.Economics	03	08	11

29. Was any need assessment exercise undertaken before the development of new program(s) If so, give the methodology.

No new programme was introduced in the department during the assessment period

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from faculty on curriculum as well as teaching learning evaluation system through monthly meetings of the department. The suggestions given by the faculty members on teaching learning evaluation are duly implemented.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department for the same?

The department obtains feedback from students on staff and curriculum as well as teaching learning evaluation through the feedback performas from students, meeting with C.Rs and through tutorial groups. The feedback from the students is being discussed in the meetings with the principal and faculty members of the department and actions are taken accordingly.

(c) Alumni and employers on the programmes and what is the response of the department for the same?

Alumni are appointed as the members of the board of studies of the department and their valuable suggestions on the programmes are being valued and incorporated.

31. List of the distinguished alumni of the department (Maximum 10)

S.No.	Name	Designation
1	S. H.S Aulakh	Chief Manager
2	S. Harjinder Singh Chahal	Retd.IAS
3	Mrs. Sarabjit Kaur Dhaliwal	Retd.Prof
4	S. Sarabjit Singh Chhina	Retd.Prof.
5	Sh. Sunil Joshi	Senior Consultant
6	S.Harjinder Singh	Principal
7	Ms.Baljeet Kaur	Asst.(Prof.)P.S.E
8	Sh.Priyam Sohal	Army
9	S.Gurinder Singh Bhullar	Associate(Prof.)
10	Sh.Aman Bhardwaj	Stage & Movie artist

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts

S. No.	Type of Activity	Name of Resource Person	Topic	Date & Year	Funding Agency
1	Programme	-----	Social Evils	Nov 11,2014	Self-Financed
2	Extension Lecture	Dr. Parminder Singh, Prof, PSE, GNDU, Asr	Globalization and Indian economy-Impact and Implications	Nov 12,2014	Self-Financed
3	Documentary	Amritsar Policy Group	Backstage Boys-Punjab labour goes Global	Feb 25,2015	Self-Financed
4	Extension Lecture	Dr Paramjit Nanda Prof & Head PSE, G.N.D.U	Issues in Foreign Exchange	Mar 2, 2015	Self-Financed
5	Educational tour	-----	Verka Milk Plant, Verka.	Apr.20, 2015	Self-Financed
6	Interactive talk	Ms. Rajmandeep kaur, PCS	How to prepare for Competitive exams	Oct. 10, 2015	Self-Financed
7	Educational tour	-----	Solar plant installed at village Chhina, Bhidhi Chand, Amritsar	Sept. 11, 2015	Self-Financed
8	Extension Lecture	Prof (Dr.) Paramjit Kaur Dhindsa, Prof & Ex-Head, PSE, GNDU, Asr.	Issues and Challenges in the Indian Agriculture with special reference to Punjab	Jan. 21, 2016	Self-Financed
9	Documentary	BJMS Department	Farmers Suicide	Mar. 2, 2016	-----
10	Educational Tour	-----	Fategarh Sahib and Chamkaur Sahib	Apr. 15, 2016	Self-Financed
11	Educational Tour	-----	Pingalwara, Manawala Branch, Amritsar	Sep 12, 2016	Self-Financed
12	Visit	-----	To provide practical knowledge about organic farming (Agriculture department of the KCA)	Feb 23, 2017	-----

33. List of teaching methods adopted by the faculty for different programmes

UG	PG
(a) Lecture method	(a)Lecture method
(b) Use of Blackboard	(b)Use of Blackboard
(c) Assignments and class tests	(c)Assignments and class tests
	(d)Group Discussion

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

HOD interacts with the students and faculty members to ensure that the programmes objectives are met. The learning outcomes are monitored through periodical class tests, feedback performas and tutorial groups.

35. Highlight the participation of students and faculty in extension activities.

The students and faculty participate in extension activities through organizing special lectures, seminars with external experts, educational tours and cultural activities. Teacher participates in academic and personal counseling of students and guides them for competitive exams and for further jobs prospects.

36. Give the detail of “beyond syllabus scholarly activities of the department

(a) Educational tours

April 20,2015	P.G Dept. of Economics organized educational tour of students of M.A Sem IV to Verka Milk Plant, Verka.
Sept.11, 2015	The educational tour of the students of economic society of Khalsa College was organized to show the functioning of solar plant installed at village Chhina, Bhidhi Chand, Amritsar
April 15, 2016	PG Department of Economics organized tour to Fategarh sahib and Chamkaur Sahib for the post Graduate students of Economics
Sept. 12, 2016	Economic Society’, of P.G. Department of Economics, Khalsa College, Amritsar organized a visit to “Pingalwara”, Manawala Branch, Amritsar.

(b) Documentary shown to the students and cultural activities are organized by the department of economics

Feb25,2015	A Documentary entitled” Backstage Boys-Punjab labour goes Global”was shown to the students by P.G Dept. of Economics prepared by Amritsar policy group.
March 2, 2016	PG Department of Economics showed a Documentary “ Farmers Suicide” by the BJMS Department to the Post Graduate students of economics

37. State whether the programme/department is accredited/graded by other agencies. Give details.

No

38. SWOC analysis of the department

Strengths	Weaknesses
<ol style="list-style-type: none">1. Well established department since 19322. Well disciplined and dedicated staff.3. Spacious and airy classrooms.4. Internal assessment5. Excellent Results in PG classes	<ol style="list-style-type: none">1. Insufficient Regular staff.2. Students with poor academic background.3. Non-availability of supporting Non-teaching staff.4. Less inclination of students towards competitive exams.
Opportunities	Challenges
<ol style="list-style-type: none">1. To increase the number of regular staff.2. To increase the number of the students.3. To create awareness regarding moral values among the students.4. To develop interdisciplinary approach.5. To encourage more research work by the faculty.	<ol style="list-style-type: none">1. To sustain the competition from other educational institutions offering same courses.2. Lack of regular staff makes it difficult to develop the sense of responsibility.3. To update knowledge of students with poor academic background.4. To motivate students for competitive exams.

39. Future plans of the department

- To organize more educational tours for practical knowledge.
- Plan to conduct seminar at national level.
- Teachers guide students in preparation of competition exams in extra time.
- To increase the number of permanent faculty.

Evaluative Report of P.G. Department of English

1	Name of the Department	P. G. Department of English	
	Year of Establishment	1887	
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	<ul style="list-style-type: none"> • M.A. English • M.Phil
		UG Courses	B.A.(Hons.) English
3	Interdisciplinary courses and the departments/ units involved	(a) M.Phil (Psychology as interdisciplinary course) (b) B.A. (Social Science) (c) B.A. (Hons) English	
4	Annual/ semester/choice based credit system (programme wise)	Semester System	
5	Participation of the department in the courses offered by other departments	(a) B.A, B.Sc(Med, Non Med, Eco. Comp Sci.) (b) B.Com (c) B.B.A (d) B.A. (Social Science) (e) B.Sc(IT) (f) BCA (g) B.Sc. Fashion designing (h) B.J.M.C. (i) B.Sc. (Agri) (j) BFST (k) B.Sc (Bio Tech) (l) B.A.(Hons), Punjabi, Physics & Chemistry	

6. Number of teaching post sanctioned and filled

Teaching posts	Sanctioned	Filled
Professor	-	-
Associate Professor	03	03
Assistant Professor	20	20*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Regular Faculty

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D/M.Phil students guided in last 4 years
1.	Ms. Sukhmeen Bedi	M.A. , M.Phil BJMC	Associate Professor	Poetry , Novel	23	3
2.	Ms. Anupam Sandhu	M.A. M.Phil	Associate Professor	American Literature	21	-

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided in last 4 years
3.	Ms. Supninder Jeet Kaur	M.A. M.Phil	Associate Professor	Linguistics and Indian Writing in English	24	3
4.	Ms. Parneet Kaur Dhillon	M.A. M.Phil	Assistant Professor	American Literature Prose Writing	14	-
5.	S. Sawant Singh Manto	BA (Hons in Eng) M.A, M.Phil	Assistant Professor	History of English Literature/ Greek Literature	14	3
6.	S. Malkinder Singh	M.A , B.Ed , PGDTE	Assistant Professor	Linguistics	14	-
7.	S. Daljeet Singh	M.A English	Assistant Professor	-	5	-
8.	Ms. Mamta Mahendru	MA English	Assistant Professor	-	9	-
9.	Mr. Vijay Bernard	M.A, M.Phil, B.Ed	Assistant Professor	Textual Analysis and Linguistics	5	-
10.	Ms. Kanika Kataria	MA English	Assistant Professor	-	4	-
11.	Dr. Jaswinder Kaur	M.A, M.Phil PGDMC, Ph.D	Assistant Professor	Systemic Functional Linguistics and Text Analysis	5	-
12.	Ms Pooja Kalia	M.A English	Assistant Professor	-	10	-

Adhoc Faculty

1.	S. Lakha Singh	M.A, M.Phil,	Assistant Professor	Drama	42	-
2.	Ms. Narinderjit Randhawa	M.A, M.Phil, M.Ed	Assistant Professor	Indian Fiction	25	-
3.	Ms. Navdeep Kaur Kalsi	M.A, NET-JRF	Assistant Professor	Textual Analysis	5	-
4.	Ms. Harjinder Kaur	M.A, M.Phil	Assistant Professor	Narratology	4	-
5.	Ms. Richa Arora	M.A, Ph.D (Pursuing)	Assistant Professor	Feminist Study	7	-
6.	S. Prabhjot Singh	M.A	Assistant Professor	Communication Skills	5	-
7.	Ms. Sharman Kaur	M.A, M.Phil (Pursuing)	Assistant Professor	Novel	1	-
8.	Ms. Samandeep Kaur Gill	B.A (Hons.), M.A, M.Phil Pursuing	Assistant Professor	Fiction	3	-
9.	Ms. Gurman	M.A, B.Ed	Assistant Professor	Post colonial & Cultural Studies	2	-
10.	S. Gurpreet Singh	M.A (Hons.)	Assistant Professor	Feminist Study	2	-
11.	Ms. Tavleen Kaur	M.A (Hons.)	Assistant Professor	Novel	2	-

8. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

S. No.	Class	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
1	Under-Graduate Classes	25.7	27.2	62.2	62.5	56.3	61.9
2	Post-Graduate Classes	Nil	Nil	Nil	Nil	Nil	20

9. Student -Teacher Ratio (programme wise)

Name of the course	No. of students	No. of teachers	Student teacher ratio
B.A	1275	18	71:1
B.Com(Regular)	410	6	68:1
B.Com(Hons)	130	2	65:1
B.Sc(Med)	440	9	49:1
B.Sc(Non-Med)	361	6	60:1
B.Sc(Eco)	250	6	42:1
B.Sc (Computer Science)	155	3	52:1
B.Sc(Agri)-I	245	3	82:1
B.Sc(Food Sci & Tech)-I	200	3	66:1
B.A (SS)-I	72	4	18:1
B.J.M.C.	90	2	45:1
B.Sc(Bio Tech)	60	1	60:1
B.B.A.	221	3	74:1
BCA	102	2	51:1
B.Sc(IT)	67	1	67:1
M.A. English	70	10	07:1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled

No. of academic support staff	2012-13	2013-14	2014-15	2015-16	2016-17
Sanctioned	1	1	1	1	1
Filled	1	1	1	1	1

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

At present, there is no ongoing project from National and International funding agencies

12. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

13. Research Centre /facility recognized by the University: Nil

14. Publications

S. No.	Name of Faculty	Paper Published National/ International	Monographs	Chapter(s) in Books	Edit Books	Books with ISBN number	Number listed in International database	Citation index	SNIP	SJR	Impact factor range	h-Index
1.	Sawant Singh Manto					Spert publications, New Delhi. ISBN 978-81-933046-3-1						
2.	.Mamta Mahindru	1										
3.	Jaswinder Kaur	1										
4.	Pooja Kalia	1										

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated:

Year	Course	Trainer	Total Income
Feb – April 2016	Spoken English	Ms. Saindali Randhawa	Rs. 31.500 for the course
Nov-Dec 2016	IELTS		Rs 19000 for the course

17. Faculty recharging strategies

Faculty members are encouraged to attend General Orientation and refresher courses, workshops conducted by various universities and institutes. The teachers also participate in seminars and conferences organized by different institutes. Regular departmental meetings and discussions also help in recharging the members of the faculty. There are regular meetings of the staff with the Principal.

18. Student projects

a) **Percentage of students who have done in-house projects including inter departmental/programme:** Nil

b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:** Nil

19. Awards / Recognitions received by faculty and students

Faculty

Doctoral / post doctoral fellows

Students:

Nil

20. Seminars/ Conferences/Workshops organized & the source of funding

S. No.	Theme	Date & Year	Resource Person	Funding Agency
1.	Marxism and literature	Sept, 7, 2015	Dr. Parminder Singh	Self Finance
2.	Theme of Migration in English Literature	March 12, 2016	Dr. Harish Narang	Self Finance
3.	Workshop on Creative Writing	September 13, 2016	Khuswant Singh	Self Finance

21. Student profile programme/course wise:

Name of Course	Applications received	Selected			Pass percentage	
		Male	Female	Total	Male	Female
2011-12						
B.A-I	383	355	28	383	52.4	60
B.Com(Regular)-I	93	67	26	93	67.5	80
B.Com(Prof.)-I	155	115	40	155	100	100
B.Sc(Med)-I	66	9	57	66	92.84	100
B.Sc(Non- Med)-I	58	17	41	58	90	93.66
B.Sc(Eco)-I	76	46	30	76	75.61	85.03
B.Sc(Computer Science)-I	119	68	51	119	80.50	82.94
B.Sc(Agri)-I	80	55	25	80	100	100
B.Sc(Food Sci&Tech)	45	27	18	45	100	100
B.Sc(Bio Tech)-I	45	11	34	45	100	100
BBA-I	82	57	25	82	79	83.6
BCA-I	150	125	25	150	93.5	96.5
B.Sc(IT)-I	85	65	20	85	100	100
M.A English	24	04	18	22	75.0	73.33
2012-13						
B.A-I	512	472	40	512	54.66	61.5
B.Com(Regular)-I	84	66	18	84	73.5	81.9
B.Com(Prof.)-I	153	110	43	153	100	100
B.Sc(Med)-I	141	20	121	141	91.4	98.6
B.Sc(Non- Med)-I	104	60	44	104	96.2	97.4
B.Sc(Eco)-I	76	45	31	76	87.4	93.2
B.Sc(Computer Science)-I	114	59	55	114	93.5	94.96
B.Sc(Agri)-I	90	62	28	90	100	100
B.Sc(Food Sci&Tech)	45	17	28	45	100	100
B.Sc(Bio Tech)-I	45	7	38	45	100	100
BBA-I	100	72	28	100	91.9	95.3
BCA-I	155	127	28	155	96.86	100
B.Sc(IT)-I	85	75	10	85	97.1	100
M.A English	29	5	23	28	100	100
2013-14						
B.A-I	419	388	31	419	59.4	79.26
B.Com(Regular)-I	65	55	10	65	93.8	98.6
B.Com(Prof.)-I	113	91	22	113	100	100
B.Sc(Med)-I	164	27	137	164	94.10	97.56
B.Sc(Non- Med)-I	160	71	89	160	97.8	98.1
B.Sc(Eco)-I	75	54	21	75	94.93	95.23
B.Sc(Computer Science)-I	78	42	36	78	93.8	94.92
B.Sc(Agri)-I	160	88	72	160	100	100
B.Sc(Food Sci&Tech)	60	22	38	60	100	100
B.Sc(Bio Tech)-I	59	15	44	59	90.22	98
BBA-I	119	91	28	119	97.76	100
BCA-I	154	119	35	154	96.69	96.69
B.Sc(IT)-I	82	58	24	82	90.9	100
M.A English	33	03	26	29	89.47	100
2014-15						
B.A-I	571	503	68	571	58.5	76.58
B.Com(Regular)-I	80	68	12	80	96	96
B.Com(Prof.)-I	64	50	14	64	100	100
B.Sc(Med)-I	186	22	164	186	98	100
B.Sc(Non- Med)-I	144	62	82	144	100	100
B.Sc(Eco)-I	51	40	11	51	96	100
B.Sc(Computer Science)-I	70	47	23	70	91.5	97.16
B.Sc(Agri)-I	161	77	84	161	100	100
B.Sc(Food Sci&Tech)	70	25	45	70	100	100

Name of Course	Applications received	Selected			Pass percentage	
		Male	Female	Total	Male	Female
B.Sc(Bio Tech)-I	58	12	46	58	100	100
BBA-I	77	51	26	77	100	100
BCA-I	114	92	22	114	84	100
B.Sc(IT)-I	76	50	26	76	97	97
M.A English	46	15	25	40	95.65	100
2015-16						
B.A-I	681	595	86	681	36	40
B.Com(Regular)-I	117	95	22	117	100	100
B.Com(Prof.)-I	62	34	28	62	100	100
B.Sc(Med)-I	180	20	160	180	85	88.84
B.Sc(Non- Med)-I	116	40	76	116	98.12	100
B.Sc(Eco)-I	49	29	20	49	90	96
B.Sc(Computer Science)-I	52	28	24	52	80.43	80.43
B.Sc(Agri)-I	245	150	95	245	100	100
B.Sc(Food Sci&Tech)	136	57	82	139	100	100
B.Sc(Bio Tech)-I	42	16	48	64	96.42	100
BBA-I	35	67	17	84	100	100
BCA-I	64	89	13	102	80	89.62
B.Sc(IT)-I	84	54	13	67	93.75	93.75
M.A English	47	15	28	43	100	100
M.Phil English	19	0	9	9	-	-

22. Diversity of Students

Name of the Course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
M.A. (English) (2011-12)	4	90	6	Nil
M.A. (English) (2012-13)	9	70	10	Nil
M.A. (English) (2013-14)	11	69	20	Nil
M.A. (English) (2014-15)	12	87	1	Nil
M.A. (English) (2015-16)	20	79	1	Nil
M.Phil (English) 2015-16	1	99	nil	Nil
M.Phil (Eng) 2016-17	4	95	1	Nil

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. :

Civil Services	NET/ SLET	Defence Services	GATE	Other Exams (Banka/SSB/ Others)
1	4	18	-	14

24. Student progression:

Student progression	Percentage against enrolled
UG to PG	30
PG to M.Phil	10
PG to Ph.D.	5
Ph.D. to Post-Doctoral	N.A.
Employed	
• Campus selection	6
• Other than campus recruitment	84
Entrepreneurs	10

25. Diversity of the staff:

Percentage of faculty who are graduates	
Of the same parent university	80
From other universities within the State	20
From other universities from other States	NA

26. Number of faculty who were awarded Ph.D., D. Sc., and D. Litt. during the assessment period (2011-16):

S. No.	Degree Awarded	No. of faculty Members
1	Ph.D	1

27. Present details of Infrastructural facilities

S. No.	Facility	Details
1	Library	No. of books (1023) Journals (5) newspapers(2)
2	Internet facilities Staff and Students	Yes
3.	Total No. of class room	4
4.	Class Room with ICT facility	1
5.	Students Lab	1
6.	Research Lab	Nil

28. Number of students receiving financial assistance from college, university, government or other agencies :

Class	No. of students getting financial assistance from		
	College	Government	Total
B.A.	420	174	594
B.Com	54	27	71
BBA	11	06	17
B.Sc Medical	44	33	77
B.Sc Non Medical	51	40	91
B.Sc Eco	16	09	25
B.Sc Comp. Sc	29	09	38
B.Sc IT	15	21	36
BCA	31	16	47
MA Eng	12	03	15

29. Was any need assessment exercise undertaken before the development of new program(s) If so, give the methodology.

Before the development of the new program, the following points were considered:-

- Growing demand of English as a Language at international level.
- Need of students (feedback of Student).
- Opinion of experts who visit the department and interact with faculty and students.
- Based upon the suggestions of experienced members of B.O.S, the new courses was discussed at the BOS meetings which were held in October 2015 and February 2016.

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Regular Department meetings are held in which members of the faculty discuss the relevance of course and the curriculum. This feedback is utilized for making necessary changes as well as difficulties being faced in teaching –learning-evaluation process.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The student feedback on staff, curriculum and teaching-learning- evaluation process in obtained through the interaction of the HOD and faculty members with the students as well through feedback in centralized tutorial classes. The response is evaluated and necessary steps are taken to overcome the shortcomings.

(c) Alumni and employers on the programmers and what is the response of the department to the same?

A member of the alumni is part of the expert panel of the BOS. Therefore his opinion is taken during the BOS meetings.

31. List of the distinguished alumni of the department (Maximum 10) :

S. No	Name	Designation	Institution
1	Sh. Mulk Raj Anand	Writer	World Renowned Indian Writing
2	S. Bishen Singh Bedi	Cricketer	International Cricketer Former Indian Captain
3	Dr D.S. Maini	Scholar	Columnist, Writer, Academician, Scholar and Critic
4	Prof G.S. Talib	Sikh Scholar	Sikh Scholar / Padma Bhushan
5	S. Rajinder S. Sparrow	Defence Personnel	Politician
6	S. Bhisham Sahni	Novelist & Actor	Hindi Writer, Playwright, Actor Padma Bhushan
7	S. Balbir Singh (Sr.)	International Hockey Player	Three Time Olympic Gold Medalist Captain Indian Hockey Team Padma Shri
8	Sh. Nakul Malhotra	Olympian	Taekwando
9	S. Inderpal Singh	IAS Officer	CAG
10	S. Mukhwinder S. Chhina	Defence Personnel	IG (Security)
11	S. Anmol Rattan Singh	Renowned Doctor	
12	Dr. Japneet Kaur	Doctor	Presently Working at AIIMS

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts :

Date	Seminars/ Conferences/Workshops	Expert
Sept, 7, 2015	Lecture on Marxism and literature	Dr. Parminder Singh Head, dept of English, GNDU
March 12, 2016	National Seminar on Theme of Migration	Dr. Harish Narang Prof. JNU
September 13, 2016	Workshop on Creative Writing	Mr. Khushwant Singh Journalist

33. List of teaching methods adopted by the faculty for different programmes

Class	Teaching Methods Used
B.A.	Lectures, Providing Synopsis, Weak Student Remedial Classes
B.A.(Hons.)	Lectures, Quiz, Competitions, Extension Lectures
M.A	Lectures , Extension Lectures, Seminars and Quiz
M. Phil	Lectures , Seminars and Extension Lectures.

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

Regular Class Tests, Group discussions, Student- Teacher interactions, Tutorial Meetings, Remedial Classes for weak students and Presentations are the monitoring mechanisms for the learning process. Regular meetings are held to ensure that the objectives are met.

35. Highlight the participation of students and faculty in extension activities.

The Department organizes various quiz, debate, declamation, Public speaking programmes, Poster making, Essay writing under the English Literary Society. Inter College and Inter Department Competitions are held every year.

36. Give the detail of “beyond syllabus scholarly activities of the department

- The Department organizing activities like poster making, Debate, Declamation Contests Group Discussions, Book Review session etc. It also organized educational trips for students to nearby places.
- M.Phil students suggest books/ Journals for extra reading and the same are purchased since English is not the first language Students are encouraged to learn its practice by organizing interactive sessions with renowned personalities, scholars etc.

37. State whether the programme/department is accredited/graded by other agencies. Give details. : Nil

38. SWOC analysis of the department

Strengths	Weaknesses
1. The department is one of the oldest and well reputed department of the college running UG, PG and Research degree courses successfully.	1. There are a very few Ph.D teachers in the department.
2. The well established language lab provides opportunities to improve the language Skills of the students.	2. The students have a very poor base in English at the entry level.
3. The Communication skills programme like Spoken English Course run by the department helps the students improve their communication skills.	3. The number of students per section is large. Therefore personal or individual attention to students is difficult.
4. The Master degree and Research Degree course of the department inculcates understanding of the language and helps in the placement of the students in the best	4. There are only a few text books which are designed keeping the level of students in mind.
	5. The department does not publish any research journal.

<p>schools and colleges of the region.</p> <p>5. The Career oriented programmes like IELTS also help students in their career enhancement and language improvement.</p>	
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To promote the understanding of the English language, its usage and the command of the language. 2. To chalk out more programmes for improving the spoken skills of the students. 3. To give exposure to the students by inviting eminent Scholars and researchers through conferences, Seminars, extension lectures. 4. To conduct competitive classes for students to prepare them for exams like UGC NET, TET etc 5. To improve the Interview skills of the students can be by running courses for them. 	<ol style="list-style-type: none"> 1. The department should encourage spoken English among Students. 2. It should impart good knowledge, understanding and communication of English language among the students. 3. It should make the students think beyond getting pass marks in the subject. 4. The department should design text books for the students keeping their level in mind. 5. It should publish a journal on English with contributions from the faculty and students. 6. It should be able to compete with the other institutes of the city, state and country in terms of its academic standards and results.

39. Future plans of the department.

- Creative Writing Course
- Spoken English Course
- Introduce students (particularly of post graduate classes) to international literary personalities.
- Organize personality development programmes.
- MOU with other universities of the country and abroad for student exchange programmes.
- Better infrastructure for the language lab
- In house competitive exams training for the students.
- More applied and practical oriented courses for the students.
- Organizes educational tours for students
- Skill based activities to be introduced in the syllabus at undergraduate classes.

Evaluative Report of Department of Fashion Designing

1	Name of the Department	Department of Fashion Designing	
	Year of Establishment	2015	
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	P.G. Diploma in Garment construction and Fashion Designing (1 year)
		UG Courses	B.Sc. Fashion Designing (3 years)
3	Interdisciplinary courses and the departments/units involved	Nil	
4	Annual/ semester/choice based credit system (programme wise)	Semester system	
5	Participation of the department in the courses offered by other departments	Nil	

6. Number of Teaching posts

	Sanctioned	Filled
Professor	....	----
Associate Professor	.....	----
Assistant Professor	02	02*
Part Time	01	01

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name of the teacher	Academic Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil students guided in last 4 years
1	Mrs.Jasmeet Kaur	M.Sc. Fashion Designing and merchandising P.G Diploma in dress designing and tailoring	Asstt. Professor	Fashion Designing	3	----
2	Ms.Deepika Verma	M.Sc. Fashion Designing and	Asstt. Professor	Fashion Designing	6	----

S. No.	Name of the teacher	Academic Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil students guided in last 4 years
		merchandising P.G Diploma in dress designing				
3.	Ms. Kanchan Sharma	M.Sc. Fashion Designing and merchandising	Asstt. Professor	Fashion Designing	1	----

8. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

B.Sc. Fashion Designing	100
P.G. Diploma in Garment Construction And Fashion Designing	100

9. Student -Teacher Ratio (programme wise):

B.Sc. Fashion Designing Sem 2	18:1
B.Sc. Fashion Designing Sem 4	17:1
P.G. Diploma in Garment Construction And Fashion Designing	2:1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Nil

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Nil

12. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

Nil

13. Research Centre /facility with state/national/international and recognition:

The affiliating University does not allow the creation of research centre.

14. Publications: Nil

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated:

Khalsa Boutique (free of cost)

17 Faculty recharging strategies:

- Workshops
- Motivational lectures
- Seminars and Conferences

18. Student projects

a) **Percentage of students who have done in-house projects including inter departmental/programme:** Nil

b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:** Nil

19. Awards / Recognitions received by faculty and students: Nil

20. Seminars/ Conferences/Workshops organized & the source of funding:

Sr. No	Special lecture/ seminar/ conference / programme	Theme/topic of the lecture	Resource person	Date	Source of funding agency
1.	Workshop On Different Techniques Of Sewing Machine	New Arrival Of Features In Machines	Usha company	Feb 2, 2017	Self-Finance
2.	Textile Designing	Tie-N-Dye Batik	Mrs. Kanchan Arora	Feb 9-11, 2017	Self-Finance
3.	Apparel CAD	Coral Draw	Mr. Hannan Hashmi	March 4, 5 and 10 , 2017	Self-Finance

21. Student profile course-wise:

Name of Course	Applications received	Selected			Pass percentage	
		Male	Female	Total	Male	Female
2015-16						
B Sc Fashion Designing	61	3	58	61	100	100
PG Dipl. In GCFD	2	----	2	2	-----	100

22. Diversity of Students:

Name of the Course (refer question No. 21)	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
B.Sc. Fashion Designing Sem (III-IV)	Nil	100	N.A	-----
B.Sc. Fashion Designing Sem (I-II)	-----	98	02	-----
P.G. Diploma In Garment Construction & Fashion Designing	-----	100	-----	-----

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NET	SLET	GATE	Civil services	Defense services
--	--	--	1 (NDA)	--

24. Student progression: N.A.

25. Diversity of the staff:

Percentage of the faculty who are graduates	
Of the same parent university	100
From other university within the state	-----
From other university from other state	-----

26. Number of faculty who were awarded Ph.D., D. Sc., and D. Litt. during the assessment period (2011-16): Nil.

27. Present details of Infrastructural facilities:

S. No	Facility	Details
1	Library	40 books
2	Internet facilities for Staff & Students	Nil
3	Class rooms with ICT facility	03
4	Student Laboratories	Nil
5	Research Laboratories	Nil

28. Number of students receiving financial assistance from college, university, government or other agencies: Nil

29. Was any need assessment exercise undertaken before the development of new program(s): If so, give the methodology.

Before the start of new program, a committee is constituted to identify the need of society and industry for that programme. The committee explores the scope and utility of program and also carry out the survey whether the same program is running in other institute in the area and students are being benefitted or will be benefitted from the programme or not. Thereafter, syllabus is designed and put to the board of studies for discussions and modifications. After clearance from the board of studies, the programme proposal is forwarded to academic council and then to the governing body for final approval.

29. Does the department obtain feedback from:

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from faculty on curriculum design as well as teaching-learning-evaluation and the information obtained is

utilised for the development of the syllabus, organizing various seminars, workshops, expert lectures, assignments, tests and other academic or extra curriculum activities.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department for the same?

The student feedback on the staff, curriculum as well as teaching-learning-evaluation is obtained by H.O.D through interactions with students and survey through tutorial groups at the college level. Based upon the feedback, necessary actions are taken to solve both the academic and Non-academic problems at the departmental as well as college level. The reports of the survey are discussed with head of institute.

(c) Alumni and employers on the programmes and what is the response of the department for the same?

The feedback from the alumni of the department is obtained during alumni meet. The valuable suggestions from alumni members are utilized for the development of the department. The industrial tours are organized from time to time and suggestions of the industry are also considered for the development of the department.

31. List of the distinguished alumni of the department: Nil

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts

Sr. No	Special lecture/ seminar/ conference / programme	Theme/topic of the lecture	Resource person	Date	Source of funding agency
1.	Handmade Rakhi Competition	Rakhi making	-	Aug 06, 2016	Self-Financed
2	Phulkari Making	Phulkari Stich	-	Aug 29, 2016	Self-Financed
3.	Needle Craft And Knitting Techniques'	Creativity	-	Sept. 06-07, 2016	Self-Financed
4	Art N Craft	Innovational Ideas	Mrs. Seema and Mrs. Bharti	Oct 5-6, 2016	Self-Financed
5.	Sirjan	Display-Cum-Sale	-	Nov 16 2016	Self-Financed
6.	Workshop On Different Techniques Of Sewing Machine	New Arrival Of Features In Machines	Usha company	Feb 02, 2017	Self-Financed
7.	Textile Designing	Tie-N-Dye Boutique	Mrs. Kanchan Arora	Feb 9-11, 2017	Self-Financed
8.	Apparel CAD	Coral Draw	Mr. Hannan Hashmi	March 4,5 and 10, 2017	Self-Financed

33. List of teaching methods adopted by the faculty for different programmes

B.Sc. Fashion Designing (3 years degree)

- Chalk and talk method

- Power point presentations are regularly used depending upon the need of topic.
- Quiz and discussions are held in the department on fortnight to monthly basis
- Student seminars are organized on monthly basis.
- Workshops are organized on monthly basis.
- Class tests are conducted on monthly basis.

Post graduate Diploma in Garment Construction and Fashion Designing (1 Year)

- Exhibition Display and Surface Ornamentations are conducted.
- Power Point Presentation are regularly used for lectures and demonstration.
- Proper discussions are held in the classroom.
- Regular Class tests are conducted .

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

The department sketches calendar for its academic and extracurricular activities before the start of the academic year. The activities are planned well in advance and due care is exercised to ensure that the activities are properly planned, arranged and organized. The department involves all the faculty members as a team to achieve the goal. The head of department coordinates all the events to insure the successful outcome of all the activities.

35. Highlight the participation of students and faculty in extension activities.

The department of Fashion Designing organizes extracurricular activities that are competition based such as Best Illustration, Best Innovative dress, Best out of waste, Best Draping etc. Our students are also involved in sports activities, gender championship, and youth festival and inter departmental activities.

36. Give the detail of “beyond syllabus scholarly activities of the department

The beyond syllabus scholarly activities of the departmental activities are as follows

- Seminars
- Workshops
- Competitions
- Departmental quiz competition
- Student level seminar presentation

37. State whether the programme/department is accredited/graded by other agencies. Give details.

Nil

38. SWOC analysis of the department

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. More stress on practical work and application aspects. 2. Frequently organizing workshops and competitions on subject related topics. 3. Healthy interaction among students and teachers. 4. Internal assessment in every subject 5. A fast growing department 	<ol style="list-style-type: none"> 1. Lack of sufficient infrastructure 2. Shortage of permanent teaching and non teaching staff 3. Lack of research facility 4. Lack of national/international conferences and workshops not organized. 5. Library needs up gradation.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To update infrastructure keeping in mind the growing scope of fashion designing. 2. Being an Autonomous college there is a freedom to redesign the exciting curriculum to match the requirement of the industry. 3. To arrange frequent renown textile industries and fashion houses. 	<ol style="list-style-type: none"> 1. To maintain a good placement records 2. To make youth aware about the tremendous scope in field of fashion designing 3. To make the students more compatible to the research of fashion designing. 4. To make the students more competitive and compatible to the academic entrance test. 5. To encourage student to pursue masters in fashion designing.

39. Future plans of the department

- To Start new classes at post graduate level
- To improve the labs and class room
- To provide better facilities to the staff and students
- To update syllabus of various classes
- To update library
- To recruit permanent teaching and non teaching staff

Evaluative Report of P.G. Department of Fine Arts

1	Name of the Department	P.G. Department of Fine Arts	
	Year of Establishment	2011	
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	M.A. (Fine Arts)
		UG Courses	B.A. (Fine Arts)
3	Interdisciplinary courses and the departments/units involved	Nil	
4	Annual/ semester/choice based credit system (programme wise)	Semester system	
5	Participation of the department in the courses offered by other departments	Nil	

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Teaching Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	01	01*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./ Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided in last 4 years
Ms. Mehtab Kaur	M.A. Fine Arts, M.A. History of Arts, UGC	Assist. Prof.	Landscape, Composition and Art Theory	8	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information

Class	2011-12	2012-13	2013-14	2014-15	2015-16
B.A I,II,III	100	100	100	100	100

9. Programme-wise Student Teacher Ratio

Class	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
B.A. I, II,III	12:01	24:01	67:01	45:1	76:1	68:1
M.A	-	-	-	-	-	10:3

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. : N.A

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received N.A

13. Research facility / centre with N.A

- state recognition
- national recognition
- international recognition

14. Publications: Nil

15. Details of patents and income generated : N.A

16. Areas of consultancy and income generated : N.A

17. Faculty recharging strategies

Participation in various Seminars/workshops organised by other institutions. Also workshops and exhibitions organised by department.

18. Student projects : N.A

- a) Percentage of students who have done in-house projects including inter-departmental
- b) Percentage of students doing projects in collaboration with industries / institutes

19. Awards/recognitions received at the national and international level by

- **Faculty**
- **Doctoral / post doctoral fellows**
- **Students :** Paintings of two students selected for national exhibition at Art Gallery in the session 2014-15

20. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

S. No.	Title	Date	Resource Persons	Outstanding Participants	Source of Funding
1.	Collaboration with Pedilite	March 2-7 2016	-	-	Self Finance

21. Student profile course-wise:

Name of Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2012-13					
B.A.	17	13	4	100	100
2013-14					
B.A.	40	25	5	91.2	100
2014-15					
B.A.	67	57	11	95.2	100
2015-16					
B.A.	115	92	13	92.5	91.6

22. Diversity of Students

Session	Name of the Course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
2011-12	B.A. I,II,III	-	100	-	-
2012-13	B.A.I,II,III	-	100	-	-
2013-14	B.A.I,II,III	-	100	-	-
2014-15	B.A.I,II,III	-	99	1	-
2015-16	B.A.I,II,III	-	99	1	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? Nil

24. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	Recruitment in Various school & Arts Galleries 20
Entrepreneurs	20

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	100
from other universities within the State	-
from other universities from other States	-

- 26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.** Nil

27. Present details about infrastructural facilities

S. No.	Facility	Detail
a)	Library	90
b)	Internet facilities for Staff & Students	-
c)	Total number of classrooms	02
d)	Class rooms with ICT facility	-
e)	Student Laboratories	01
f)	Research Laboratories	-

- 28. Number of students of the department getting financial assistance from College:**

- 29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.**

The feedback from the students of B.A.(Fine Arts) classes was taken and accordingly need was felt to start M.A. in Fine Arts as no other institution in the city has been offering M.A Fine Arts for boys particularly.

30. Does the department obtain feedback from

- (a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?**

The feedback is regularly obtained from the students on curriculum and teaching learning. Also the suggestions given by members of board of studies are implemented. Yes suggestion through tutorials are also implemented.

- (b) students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?**

The Department obtains feedback from the students on staff and curriculum as well as teaching-learning-evaluation through the feedback Performa from the students, meetings with C.R.'s and through tutorial groups. The feedback from students is being discussed in the meetings with the principal of the college and faculty members of the Department and actions are being taken accordingly.

- (c) Alumni and employers on the programmes and what is the response of the department to the same?**

Alumni are taken as members of the Board of Studies. Feedback on Programme is obtained through Alumni meetings. Their valuable suggestions are being incorporated.

31. List the distinguished alumni of the department

S.No.	Name	Designation	Place of Work
1	S. Kuldeep Singh	Art Teacher	Delhi Public School
2	Sh. Vinay Kumar	Art Teacher	B.Ed College Ranjit Avenue
3	S. Amandeep Singh	Art Teacher	Senior Study School
4	S. Vikram Singh	Art Teacher	Adrash Public Senior Secondary school, Khemkaran Road Bhikiwind.

32. Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.

S.No.	Activity	Date	Resource Person	Funding
1	Workshop in Collaboration with Pedilite	Feb 9-11, 2015	Sh. Rakesh Sen	Self financed
2	Workshop in Collaboration with Pedilite	March 2-7, 2016	Ms. Kanchan Arora	Self financed
3	Workshop in Collaboration with Pedilite	Feb 7-11, 2017	Ms. Bharti	Self financed

33. List the teaching methods adopted by the faculty for different programmes.

Lecture methods, use of Black-Board, Interaction with students, Practical Knowledge through practicals

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Feedback from the students is taken from time to time and efforts are made to solve their problem. More over assignments and class tests are regularly given to the students to monitor their performance.

35. Highlight the participation of students and faculty in extension activities.

The students of the department make their contribution in extensions activities by making posters which are displayed in various outreach activities of the college.

36. Give details of “beyond syllabus scholarly activities” of the department.

- Poster making Competitions are organized to aware students about various social issues.
- Students of B.A visited Art Gallery on 27.2.16 to see the exhibition of paintings by S. Kulwant Singh.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths	Weaknesses
<ol style="list-style-type: none">1. Qualified faculty2. Sincere and hardworking teachers and students,3. Students participation in various competitions throughout the year.4. Well equipped lab.5. Courses with job opportunities	<ol style="list-style-type: none">1. Lack of regular faculty2. In sufficient infrastructure3. Lack of well established Library.4. Poor academic base of the students.5. Lack of Smart class rooms.
Opportunities	Challenges
<ol style="list-style-type: none">1. To Organise exhibitions and workshops.2. Prepare students for Employment in different fields as currator, cartonist, set designers with production houses etc.3. To encourage students to Work as free lancers.4. To establish an Art Gallery in the College.	<ol style="list-style-type: none">1. To prepare the students for recurring good jobs.2. To develop sufficient faculties and infrastructure.3. Lack of promotional initiatives taken by the government.4. Competition with latest technology.5. Problem of lack of orientation among the students.

39. Future plans of the department.

1. To establish departmental library.
2. To organize seminars/workshops.
3. To establish multimedia classrooms.
4. To organise tours of art galleries for practical knowledge.
5. To organised more art competitions.

Evaluative Report of P.G. Department of Food Science & Technology

1	Name of the Department	P. G. Department of Food Science & Technology
	Year of Establishment	1988
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	<ul style="list-style-type: none"> • M. Sc. Food Science & Technology • B. Sc. (Honours) Food Science & Technology
3	Names of Interdisciplinary courses and the departments/units involved	Nil
4	Annual/ semester/choice based credit system (programme wise)	Semester System
5	Participation of the department in the courses offered by other departments	<ul style="list-style-type: none"> • B. Sc. Agriculture (Hons.) • M. Sc. Chemistry • Life Long Learning Programme of College

6. Number of Teaching Posts Sanctioned and Filled

Teaching posts	Sanctioned	Filled
Professor	----	----
Associate Professor	01	01
Assistant Professor	13	13*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. Etc.)

Regular Faculty:

S. No.	Name	Qualification	Designation	Specialization	No. of yrs of experience (Yrs)	No. of M.Sc. Student guided for the last 4 yrs
1	S. Manbir Singh	M.Sc., M.Phil., PhD (Thesis submitted)	Associate Professor	Food Microbiology Food Fermentation	23	03
2	Dr. Gursharan Kaur	Ph.D.	Assistant Professor	Food Technology Fruits & Vegetable Technology	12	04
3	Dr. Sandeep Singh	Ph.D.	Assistant Professor	Food Technology Cereal Technology	12	04
4.	Dr. Sukhbir Singh	Ph.D.	Associate Professor (Retd. Re-employed)	Food Technology Dairy Technology	31	04

Adhoc Faculty

S. No.	Name	Qualification	Designation	Specialization	No. of Yrs of experience	No. of M.Sc. Student guided for the last 4 ys
1	Dr. Davinder Pal Singh	M.Tech, Ph.D.	Assistant Professor	Food Engineering, Fruits & Vegetable Technology	08	10
2	Dr. Seerat preet Kaur	Ph.D.	Assistant Professor	Food Technology Cereal Technology	02	Nil
3	Dr. Shubhpreet Kaur	Ph.D.	Assistant Professor	Food Technology	02	Nil
4	Mrs. Ritu Priya	M.Sc.	Assistant Professor	Food Technology Cereal Technology	05	Nil
5	Dr. Harmeet Chauhan	Ph.D.	Assistant Professor	Food Technology, Fermentation Technology	01	Nil
6	Ms. Harmeen Kaur	M.Sc.	Assistant Professor	Food Technology, Cereal Technology	03	Nil
7	Mrs. Davinder Kaur	M.Sc.	Assistant Professor	Food Technology	01	Nil
8	Ms. Garima Dhingra	M.Tech.	Assistant Professor	Food Engineering	01	Nil
9	Mrs. Kamaldeep Kaur	M.Tech.	Assistant Professor	Food Engineering	03	Nil
10	Mr. Rajan Sharma	M.Sc.	Assistant Professor	Food Biotechnology	01	Nil

8. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

S. No.	Class	2012-13		2013-14		2014-15		2015-16		2016-17	
		Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr
1	M. Sc. (Food Science & Technology)	-----	-----	-----	-----	35	35	35	35	35	35
2	B. Sc. (H) Food Science & Technology)	22	22	24	24	27	27	57	57	59	59

Th. = Theory, Pr. = Practical

9. Student –Teacher Ratio (programme wise):

S. No.	Class	2015-16		2016-17	
		Theory	Practical	Theory	Practical
1	M. Sc.-I & II	7:1	15:1	8:1	18:1
2	BFST-I	20:1	30:1	12:1	30:1
3	BFST-II	14:1	30:1	13:1	30:1
4	BFST-III	9:1	24:1	14:1	16:1
5.	BFST-IV	7:1	18:1	9:1	24:1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Year	Sanctioned	Filled	Year	Sanctioned	Filled
2012-13	05	1	2015-16	05	3
2013-14	05	1	2016-17	05	4
2014-15	05	1			

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

12. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

13. Research Centre /facility recognized by the University:
The affiliating University does not allow the creation of research centre.

14. Publications

S. No.	Name of Faculty	Paper Published National/International	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN number	Number listed in International database	Citation index	SNIP	SJR	Impact factor range	h-Index
1	S. Manbir Singh	5	-	-	-	-	-	-	-	-	0.9-1.2 NAAS rating 3.4	1
2	Dr. Gursharan Kaur	7	-	-	-	-	-	-	-	-	0.9-1.2	-
3	Dr. Sandeep Singh	9	-	2	-	-	-	-	-	-	1.53-4.09	-
4	Dr. Davinder Pal Singh	4	-	-	-	-	-	-	-	-	0.89-3.2	9
5	Dr. Seerat preet Kaur	4	-	-	-	-	-	-	-	-	1.22-4.09	6
6	Dr. Shubhpreet Kaur	1	-	-	-	-	-	-	-	-	1.68	-
7	Mrs. Ritu Priya	2	-	-	-	-	-	-	-	-	0.65-2.1	-
8	Dr. Harmeet Chauhan	4	-	-	-	-	-	-	-	-	-	-
13	Mr. Rajan Sharma	2	-	-	-	-	-	-	-	-	1-2	-
Total		38		2								

15. Details of the patents and income generated: None

16. Areas of consultancy and income generated:
Free of cost consultancy provided to the following food concerns.

S.No.	Name of the Concern
1.	BN Flour Mill Batala
2.	Bread Bake, FGC Road Bye Pass Amritsar
3.	Punjab Horticulture Department, Khalsa College Amritsar
4.	F-Pure (Pickle Factory) Bir Baba Bhudha, Chabal
5.	KAFRO, Shiv Shakti Self Help Group, Talwara

17. Faculty recharging strategies

Department encourages members of the faculty to attend the Orientation Courses, Refresher courses, Workshops, National and International Seminars/ Conferences/

Invited lectures, Quiz Competitions and other faculty development programmes conducted by College and University from time to time.

18. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:

S. No.	Course	Number of students who have done in plant training during 2015-16	Number of students who have done in Research Work (Dissertation) during 2015-16	Percentage
1	M.Sc. Food Science & Technology	18	15	100
2	B.Sc. (H) Food Science & Technology	47	-	100

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil

19. Awards / Recognitions received by faculty and students:

S. No.	Name of the faculty	Awards/Recognitions
1	S. Manbir Singh	1. Awarded Shiksha Ratan Award BY IIFS New Delhi-2012. 2. Submitted Ph.D. Thesis in 2016.
2	Dr. Sukhbir Singh	1. Best Teacher Award from Rotary International- 2014
3	Dr. Gursharan Kaur	1. Best Paper Award for the paper entitled, "Probiotics and Prebiotics: Health Impacts" conferred by International Journal of Advanced research in Biology, Ecology, Science & Technology-2015. 2. Best teacher award from Rotary Club Amritsar on Sept. 7, 2016.
4.	Mrs. Akanksha Sharma	Best poster presentation award-2015 in National Level Conference.
5.	Mrs. Ritu Priya	Qualified ICAR NET during the year 2014 and 2015 respectively.
6.	Dr. Shubhpreet Kaur	Qualified ICAR NET during the year 2014 and 2015 respectively.
7.	Dr. Davinderpal Singh	Dr. Davinder Pal Singh has received Ph.D. from GNDU, Amritsar – 2016.

Students: Toppers were honoured by Rotary Club, Amritsar

20. Seminars/ Conferences/Workshops organized & the source of funding :

National

S. No.	Seminar/ Conference/ Workshop	Theme	Resource Persons	Date	Source of funding agency
1.	Seminar	Recent advances in Pizza & Bakery Industry	Federico Benin, Italy	Nov. 23, 2012	Self financed
2.	Seminar	Modern tools of Food Industry: Dough Quality Control, Research and Development	Dr. Gurpreet Kaur Chandi, Brabender , GmbH and Co. KG Deuisberg, Germany	August 13, 2013.	Self financed

S. No.	Seminar/Conference/Workshop	Theme	Resource Persons	Date	Source of funding agency
3.	Workshop (Life long learning programme)	Preparation of squash (Pineapple and Lemon) and their preservation were taught to the students of lifelong learning.	Prof. Manbir Singh and Prof. Ritu Priya.	April 28, 2015.	College

International

S. No.	Seminar/Conference/Workshop	Theme	Date	Source of funding agency
NIL				

21. Student profile programme/course wise:

Name of Course	Applications Received	Selected			Total Pass Percentage
		Male	Female	Total	
2011-12					
B.F.S.T.-I Year	123	27	18	45	69.
B.F.S.T.-II Year		12	13	25	100
B.F.S.T.-III Year		09	12	21	100
B.F.S.T.-IV Year		14	12	26	100
2012-13					
B.F.S.T.-I Year	146	17	28	45	97.6
B.F.S.T.-II Year		08	16	24	100
B.F.S.T.-III Year		11	12	23	100
B.F.S.T.-IV Year				21	100
2013-14					
B.F.S.T.-I Year	125	22	38	60	100
B.F.S.T.-II Year		23	14	37	97.2
B.F.S.T.-III Year		10	11	21	100
B.F.S.T.-IV Year		22	-	22	100
2014-15					
B.F.S.T.-I Year	276	25	45	70	96.2
B.F.S.T.-II Year		14	36	50	100
B.F.S.T.- III Year		22	14	36	100
B.F.S.T.-IV Year		06	14	20	100
M.Sc. Food Tech.I Year	27	08	13	21	100
2015-16					
B.F.S.T.-I Year	389	57	82	139	87.5
B.F.S.T.-II Year		17	45	62	98.3
B.F.S.T.-III Year		12	35	47	100
B.F.S.T.-IV Year		19	15	34	100
M.Sc. Food Tech.-I Year		05	14	19	100
M.Sc.Food Tech.-II Year		05	10	15	100

22. Diversity of Students:

year	Name of the course	Percentage of students from			
		The college	The State	Other state	Other universities
2011-12	BFST (H)Ist Year		39	-	-
	M.Sc. (H) SEM I	-	-	-	-
2012-13	BFST (H)Ist Year		42	-	-

year	Name of the course	Percentage of students from			
		The college	The State	Other state	Other universities
2013-14	M.Sc. (H) SEM I	-	-	-	-
	BFST (H) SEM I		55	-	-
2014-15	M.Sc. (H) SEM I	-	-	-	-
	BFST (H) SEM I		68	2	-
2015-16	M.Sc. (H) SEM I	17	16	1	1
	BFST (H) SEM I		140	2	-
2016-17	M.Sc. (H) SEM I	15	20	1	5
	BFST (H) SEM I		177	03	-
	M.Sc. (H) SEM I	5	29	01	07

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

NET	SLET	GATE	Civil services	Defense services	Other Examination
-----	-----	-----	-----	-----	<ul style="list-style-type: none"> 01 student secured 9th rank (PG Entrance Exam conducted by ICAR 2016). 6 students cleared PG entrance exam of M.Sc. FST GNDU, Asr.

24. Student progression

Student progression	Against % enrolled
UG to PG	74
PG to M. Phil	NA
PG to Ph.D.	5
Ph.D. to Post-Doctoral	4
Employed	
Campus selection	Nil
Other than campus recruitment	20
Entrepreneurship/Self-employment	10

25. Diversity of the staff:

Percentage of the faculty who are graduates	
Of the same parent university	62
From other university within the state	21
From other university from other state	7

26. Number of faculty who were awarded Ph.D., D. Sc., and D. Litt. during the assessment period (2011-16):

S. No	Degree awarded	Number of faculty members
1	Ph.D	01

27. Present details of Infrastructural facilities

S. No.	Facility	Details
1	Library	Common Library with Agriculture having 667 books and one journal
2	Internet facilities for Staff & Students	01 (Computer with 4G Wi-Fi facility)
3	Class rooms with ICT facility	Nil

S. No.	Facility	Details
4	Student Laboratories	04
5	Research Laboratories	01

28. Number of students receiving financial assistance from college, university, government or other agencies:

Class	Students receiving financial assistance			Total
	College	University	Government agencies	
BFST	27	-	51	78
MSc. FST	01	-	01	02

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Faculty meetings are held prior to starting a new program. Course proposal is planned keeping in view its scope in industry and research. After thorough discussions the plan is put forward in the BOS meetings for an expert view which is then further discussed in the academic council of the college for its implementation.

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the department obtains monthly feedback from faculty as well as students on Curriculum design as well as teaching-learning-evaluation. The information obtained is utilized for the development of the syllabi, industrial visits, workshops, assignments, tests and other academic/extra-curricular activities.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department for the same?

The student feedback on the staff, curriculum as well as teaching-learning-evaluation is obtained by HOD through interactions with students and survey through tutorial groups at the college level. Based upon the feedback necessary actions are taken to solve both the academic and non-academic problems at the departmental as well as college level. The reports of the survey are discussed with Head of Institution.

(c) Alumni and employers on the programmes and what is the response of the department for the same?

Department has always welcomed the suggestions given by the Alumni on the occasion of alumni meet as well as employers. These suggestions are discussed in the BOS to develop course curricula.

31. List of the distinguished alumni of the department:

Name	Designation	Institution
Dr. Balmeet Singh Gill	Professor & Head	Department of Food Science & Technology Guru Nanak Dev University, Amritsar.
Dr. Hardeep Singh Gujral	Professor & Ex-Head	Department of Food Science & Technology Guru Nanak Dev University, Amritsar.

Name	Designation	Institution
Dr. Sukhcharan Singh	Professor	Department of Food Science & Technology SLIET Longowal, Sangrur.
Dr. C S Riar	Associate Professor	Department of Food Science & Technology SLIET Longowal, Sangrur.
Dr. Kamaljeet Kaur	Assistant Professor	Department of Food Science & Technology Punjab Agricultural University, Ludhiana.
Dr. Kanwaljeet Singh Sandhu	Assistant Professor	Department of Food Science & Technology Chaudhary Devi Lal University, Sirsa (Haryana).
Dr. Gurpreet Kaur Dhillon	Assistant Professor	Department of Food Science & Technology Punjab Agricultural University, Ludhiana.

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts

S. No.	Special Lecture/ Seminar/ Conference/ Workshop/ Program	Theme/Topic of the lecture	Resource Person	Date	Source of funding agency
2015-16					
1.	In Plant Training	Food Science Students went on In-Plant Training from 01-06-2015 to 30-06-2015 in various food industries such as Milkfed, Jagatjit, Sifti, Wave Beverages, Nestle, Hindustan Lever Ltd., ITC, Mrs. Bector Cremica, Bonn, B.N Flour Mill, Laxmi Oil, Khusboo Spices, Narayan Cannery, etc. These In-Plant Trainings where covered their curriculum requirement also helps them in their placement.	Prof. Manbir Singh	June 1, 2015 to June 30, 2015	Self Financed
2.	Lecture	Lectures on Food safety and Milk adulteration in seminar organized by NITCON and Indian Society of Agricultural Professionals in the months of May and August, 2015 respectively.	Prof. Manbir Singh and Prof. Ritu Priya	May and August, 2015	NITCON and Indian Society of Agricultural Professionals
3.	Guest Lecture	Emerging Trends, Education, Employability in the area of Food Science in India and abroad.	Dr. Jaspreet Kaur Coordinator - Department of Food Science & Technology, University of Guelph, Canada	July 24, 2016	Self Financed
4.	Extension Lecture	Food colors	Dr. Harmeet Singh Associate Professor Human Nutrition and Food Science and Director Research and Graduate studies	August 24, 2015	Self Financed

S. No.	Special Lecture/ Seminar/ Conference/ Workshop/ Program	Theme/Topic of the lecture	Resource Person	Date	Source of funding agency
			College of Agriculture and Food Science California State Polytechnic University Pomona California USA.		
5.	Industrial Visits	Food Industry	Khanna Paper Mill, Amritsar. Verka Milk Plant, Amritsar. Narayan's Fruits and Vegetable Canning Unit, Verka. B.N Flour Mill, Batala. Jagatjit Industries Ltd. Hamira. Ghuman Dairy Industry. SAM International Banana Ripening Plant. Verka Coperative Ltd, Ludhiana. Waves Beverages Ltd, Jandiala, Amritsar. Laxmi Oill Mill, Angarh, Amritsar. AB Grains, Kiri Afgana, Gurdaspur. Nestle India Ltd, Moga. Aneja Food Products, Amritsar. Rana Sugar Mills, Amritsar. Ajnala Sugar Mills, Amritsar.	201-2016	Industrial Visits

33. List of teaching methods adopted by the faculty for different programmes:

B.Sc. (Honours) Food Science & Technology

- Chalk and Talk Method
- Over Head Projectors (OHP) are used for lecture/demonstration
- Power point presentations (ppt) are regularly used depending upon the need of the topic.
- Quiz and Discussions are held in the classroom on fortnight to monthly basis.
- Industrial visits are arranged for students to provide them with knowledge related to latest technologies in food industry.

- Class room tests are conducted on monthly basis.
- Demonstrations are given on equipment and instruments.
- Assignments are given to students on the recent trends in Food Science.
- Students undergo 4-6 weeks industrial training

M.Sc. Food Science & Technology

- Green Board Method
- Over Head Projectors (OHP) are used for lecture/demonstration
- Power point presentations (ppt) are regularly used depending upon the need of the topic.
- Research work is carried out by students in IVth Semester. The student has to submit thesis at the completion of research work.
- Industrial visits are arranged for students to provide them with knowledge related to latest technologies in food industry.
- Credit seminars are conducted in the third semester of M.Sc. The seminars are conducted in the presence of the faculty of the department.
- Sophisticated equipment and instruments are used for demonstrations.
- Students also undergo 4-6 weeks industrial training.

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

The department prepares the academic calendar before the commencement of academic session. A blue print of the extracurricular activities are planned well in advance and due care is exercised to ensure that the activities are properly planned, arranged and organized. The department involves the faculty and students to achieve the goal. The Head along with senior faculty of Department co-ordinate all the events to ensure the successful outcome of the activities.

35. Highlight the participation of students and faculty in extension activities.

- Students: Students of the department participate in NSS, NCC, Nagar Kirtans, Industrial visits to food industries, departmental seminars, other co-curricular activities held in the college.
- Faculty: Admission duties, NSS, Seminars, other duties assigned by the college authorities. Teachers also participate in the Life long learning program of the college.

36. Give the detail of “beyond syllabus scholarly activities of the department

The “beyond the syllabus scholarly activities” include the following

- (a) Seminars
- (b) Workshops
- (c) Extension lectures
- (d) Field and Educational Tours
- (e) Inter and Intra-College quiz, debate competitions
- (f) Visits to Food Industry
- (g) Student level Seminar/ Presentation/ competitions
- (h) NSS

37. State whether the programme/department is accredited/graded by other agencies. Give details.
 Nil

38. SWOC analysis of the department:

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Food Science & Technology has high demand ratio as it is most preferred course. 2. Applicants from different states aspire to take admission in this course. 3. Highly qualified Staff (Most of the staff members are Ph.D. with different specializations) 4. Separate Laboratories for UG, PG and Research 5. Student placement record is excellent. Students have been absorbed in Food industry, higher education and foreign universities, govt. jobs etc. 	<ol style="list-style-type: none"> 1. Shortage of permanent teaching and non-teaching staff 2. Shortage of funds for establishing pilot plant facility in other areas of food technology. 3. Lack of MOU with Food industry and other universities. 4. Shortage of costly instrumentation for research purposes. 5. Lack of smart classrooms and sufficient number of computers in the department
Opportunities	Challenges
<ol style="list-style-type: none"> 1. Being an Autonomous College, there is freedom to redesign and upgrade the existing curriculum to match with the requirement of the industry and to start a new course. 2. Department has potential to tie-up with Food industry for developing skilled manpower. 3. Opportunities lie for the development of food entrepreneurship in the region. 4. Workshops and seminars can be conducted in rural areas for the dissemination of food preservation knowledge. 5. Opportunities also lie with the staff and students to visit various quality control labs to get exposure to modern research instrumentation for the benefit of people. 	<ol style="list-style-type: none"> 1. To create more infrastructure and research facilities of par excellence in the department. 2. To make the students more competitive and compatible for Entrepreneurship and development for self reliance. 3. To orient students towards research. 4. To develop pilot plant facilities in the department in various areas of food technology. 5. To develop new technologies which could be beneficial to farmers, industry and society for food security. 6. To set up food testing laboratory.

39. Future plans of the department

The department plans

- To develop MOU with various industries and establishments of higher learnings.
- To establish pilot plant facilities in the department.
- To start a new certificate, diploma or degree courses in the department.
- To include recent and emerging trends in teaching-learning process and update the existing one.
- To bring research projects and external funds for its expansion.

Evaluative Report of Department of Hindi

1	Name of the Department	Department of Hindi	
	Year of Establishment	1931	
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	-
		UG Courses	B.A. (Elective Hindi)
3	Interdisciplinary courses and departments involved	Hindi as ID Course in B.A. Social Sciences	
4	Annual/ semester/choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	B.A. Social Sciences and MPA Music Vocal	

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	01	01

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided in last 4 years
Dr. Surjeet Kaur	M.A.Ph.D	Asst. Prof.	Modern Hindi Poetry	11 Years	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information

UG N.A.

PG N.A.

9. Programme-wise Student Teacher Ratio: 58:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled. N.A.

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received N.A.

13. Research facility / centre with N.A.

- State Recognition
- National Recognition
- International Recognition

14. Publications:

Number of paper published in peer reviewed journals (national /international):

Name of Teacher	Paper Published	Monographs	Chapters in Books	Editing Books	Books with ISBN No.	Citations Index-range /average	SNIP	SJR	Impact Factor	h-index
Dr. Surjeet Kaur	04		03	01						

15. Details of patents and income generated: N.A.

16. Areas of consultancy and income generated: N.A.

17. Faculty recharging strategies: General Orientation Courses, Refresher courses, seminars, workshops, etc.

The faculty member attended :

- Refresher courses
- Seminars (Also presented papers in seminars)
- Seven days course on Soft Skills and Creative Writing
- Seven days Workshop on Women and Rural Technology organised by Institute of Ecology and Environment, Pathankot.

18. Student projects

a) Percentage of students who have done in-house projects including inter-departmental

b) Percentage of students doing projects in collaboration with industries / institutes

N.A

19. Awards / recognitions received at the national and international level by

- Faculty :
- Doctoral / post doctoral fellows: Nil
- Students :

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Organised UGC Sponsored Two days Seminar on ‘Hindi ka Kaljaye Sahitya : Mulya Evam Mulyankan’ (2011)

21. Student profile course-wise:

Class	Selected		Pass Percentage	
	Male	Female	Male	Female
2011-12				
B.A	23	04	85.18	100
2012-13				
B.A	71	13	84.52	100
2013-14				
B.A	68	15	81.92	100
2014-15				
B.A	99	21	82.5	100
2015-16				
B.A	123	30	89.5	100

22. Diversity of Students:

Name of the Course (refer question)	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.A(Hindi)	–	60	40	–

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? Nil

24. Student progression:

Student progression	Percentage against enrolled
UG to PG	25-40% students
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed Campus selection Other than campus recruitment	Most of the students of the department got employment in various fields such as teaching, legal services, police, media etc.
Entrepreneurs	-

25. Diversity of staff:

Percentage of faculty who are graduates	
Of the same parent university	100
From other universities within the state	N.A.
From other universities from other states	N.A.

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

S. No.	Facility	Details
a)	Library	Books : 6248
b)	Internet facilities for Staff & Students	-
c)	Total number of class rooms	03
d)	Class rooms with ICT facility	-
e)	Students' Laboratories with ICT facility	-
f)	Research Centre with ICT facility	-

28. Number of students of the department getting financial assistance from College:

In 2015-16, students got financial assistance under various categories like post metric scholarships for SC and Minorities and meritorious students as follows:

Class	College	Govt.	Total
B.A. (All streams)	420	174	594

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. Hindi, as an interdisciplinary course has been introduced in B.A Social Sciences and MPA Music Vocal. The need of introduction of this course was discussed in the departmental meetings of respective departments. The syllabus of the course was prepared by department of Hindi after discussions with these departments and then put it in BoS meetings of Social Sciences and Arts & Humanities for discussion and approval.

30. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Through meeting of Board of studies of Humanities and Social Sciences.

b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Students feedback is obtained by direct interaction with in classes and also through feedback in centralized tutorial classes Necessary steps are taken to address their suggestions and complaints.

c) Alumni and employers on the programmes and what is the response of the department to the same?

Feedback is also taken from alumni during Alumni Meets and Department formulates syllabus on the basis of this feedback in BoS.

31. List the distinguished alumni of the department:

S.No.	NAME	PROFESSION
1	Sh. Gaurav Sharma	Lawyer
2	Sh. Rahul Sharma	Radio Jockey and Standup Comedian
3	Sh. Rahul Sharma	Sub Inspector (Police)
4	Sh. Nitin	Lawyer
5	S. Gurpreet Singh	Teacher

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Extension lecturers for student enrichment were held on 14th Sept.(Hindi Diwas) in 2014, 2015 & 2016 in which the following external experts delivered lectures and interacted with the students.

DR. H.S. Bedi (Emiritus Professor, Punjabi University Patiala)

Dr. Sunita Sharma (Asso. Professor, G.N.D.U)

Mr Mohan Lal (Yoga Expert) Delivered special lecture to the students

33. List the teaching methods adopted by the faculty for different programmes. Lectures, providing synopsis, quiz, providing list of books and reading material.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored? Regular Class Tests are conducted to monitor the learning outcomes of the programme.

35. Highlight the participation of students and faculty in extension activities. Students actively participate in the activities organized by Hindi literary Society.

36. Give details of “beyond syllabus scholarly activities” of the department.

Beyond syllabus activities of the department include :

- Extension Lectures
- Hindi Sahitya Sabha’s activities
- Hindi Diwas Celebration on 14th Sept of every year
- Participation in Seminars
- Writing articles in Darbar (Hindi Section)
- Performing duty in different committees in college
- Organizing Creative Writing competitions

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. N.A.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. The department is performing an important role in teaching Hindi in non Hindi state of Punjab. 2. Study of Hindi Literature helps the students in this border state for better understanding of Indian culture. 3. Students of Hindi showing excellent results, almost 100%. 4. Good collection of books in library to enrich the students. 5. Graduate students of this department get admission in M.A Hindi easily the study of Hindi helps in pursuing career in journalism, teaching and as a translator. 	<ol style="list-style-type: none"> 1. Less number of students opting for the subject in the non Hindi state of Punjab. 2. Most of the students opting Hindi take the language course lightly. 3. Under GNDU, Hindi is an optional and not compulsory subject due to which less number of students are enrolled in the subject. 4. Lack of access to e-books and journals for research. 5. The lack of sufficient language software in Hindi.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. As government is coming up with number of Hindi promotion schemes, specially in Non-Hindi states , the department can encourage the students to avail them. 2. To train students as translators and skill development for multi- lingual tasks. 3. To introduce Hindi as an Inter-disciplinary course in various programmes. 4. To promote Hindi by organizing workshops and seminars. 5. To develop various software and programme based upon Hindi language. 	<ol style="list-style-type: none"> 1. To motivate more and more students to opt for Hindi. 2. To introduce Post Graduate (MA) Degree in Hindi. 3. To introduce Hindi as ID course in other courses of the college. 4. To update the syllabus according to the needs of society. 5. To make Hindi a compulsory (Qualifying) subject at least in the first year of the graduate classes.

39. Future plans of the department:

The Department plans to:

- Start M.A Hindi course
- Organise National seminars and workshops.
- Start Certificate course in Hindi journalism.
- Update Departmental library with journals and newspapers.

Evaluative Report of P.G. Department of History

1	Name of the Department	P.G. Department of History	
	Year of Establishment	1930	
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	M.A. History
		UG Courses	B.A. (History) B.A.(Social Sciences)
3	Interdisciplinary courses and departments involved	Nil	
4	Annual/ semester/choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	B.A. (Hons.). Punjabi, B.A. Social Sciences.	

6. Number of teaching posts sanctioned and filled:

Teaching posts	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01
Assistant Professor	01	04*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M. Phil. etc.,)

Regular Faculty:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil Students guided for the last 4 years
Ms. Satinder Kaur	M.A, M. Phil.	Associate-professor	Modern Punjab (Socio-Economic History)	20	Nil

Adhoc Faculty:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil Students guided for the last 4 years
Ms. Mohanbir Kaur	M.A, M. Phil, B.ed., P.hd. (perusing)	Assistant-professor	Medieval Punjab	2.5	Nil
Mr. Dilbag Singh	M.A, M. Phil., P.hd. (perusing)	Assistant-professor	Modern India	0.5	Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil Students guided for the last 4 years
Ms. Sakshi	M.A, M. Phil, B.ed., PGDCA	Assistant-professor	Modern Punjab	7	Nil
Ms. Amrit Kaur	M.A (His, Pbi.) M. Phil, M.ed., P.hd. (perusing)	Assistant-professor	Medieval Punjab	7	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information

Class	2012-13	2013-14	2014-15	2015-16	2016-17
M.A. - History	-	-	-	60	90
B.A.	62.50	42.85	55.55	88.8	62.5
B.A. Social Sciences	-	-	-	100	100

9. Programme -wise Student Teacher Ratio

Class	2012-13	2013-14	2014-15	2015-16	2016-17
M.A.- History	-	-	-	20:1	17:1
B.A.	68:1	90 : 1	80 : 1	81:1	87:1
B.A. Social Sciences	-	-	-	30:1	23:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Nil.

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise: Nil.

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: Nil

13. Research facility / centre with: Nil

- State recognition
- National recognition
- International recognition

14. Publications: 01

S. No.	Name of Faculty	Paper Published National/ international	Mono graphs	Chapter (s) in Books	Editing Books	Books with ISBN No.	Number listed in international database	Citation index	SNIP	SJR	Impact factor range	H-Index
1	Ms. Aarti Suri	01	-	-	-	-	-	-	-	-	-	-

15. Details of patents and income generated: Nil.

16. Areas of consultancy and income generated: Nil.

17. Faculty recharging strategies:

- I. Orientation and Refresher Courses
- II. Seminars and Workshops
- III. Faculty Development Courses
- IV. Staff Meetings

18. Student projects: Nil.

- a) Percentage of students who have done in-house projects including inter-Departmental
- b) Percentage of students doing projects in collaboration with industries /Institutes

19. Awards/recognitions received at the national and international level by: Nil.

- Faculty
- Doctoral/post doctoral fellows
- Students

20. Seminars/Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any: Nil.

21. Student profile course-wise:

Name of Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2011-12					
B.A.	502	422	29	88.9	87.5
2012-13					
B.A.	600	501	40	92.3	88.2
2013-14					
B.A.	710	616	37	90.5	100
2014-15					
B.A.	800	729	50	84.5	90.6
2015-16					
B.A.	716	544	76	88.2	88.6
B.A. (Social Sci. History Major)	30	16	13	84.3	100
M.A.	27	03	11	100	100

22. Diversity of Students:

Session	Name of the Course	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
2015-16	M.A.	100	0	0
	B.A.	98.8	1.1	0
2016-17	M.A.	94.1	5.8	0
	B.A.	97.2	2.8	0

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations: 05

24 Student progression: 2016-17

Student Progression	Percentage against Enrolled
UG to PG	20
PG to M. Phil	-
PG to Ph. D	-
Ph.D. to Post-Doctoral	-
Employed	
• Campus selection	-
• Other than campus	20
Entrepreneurs/self employment	40

25. Diversity of staff: 2016-17

Percentage of faculty who are graduates	
Of the same parent university	100
From other universities within the State from	-
Other universities from other States	-

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

27. Present details about infrastructural facilities

S. No.	Facility	Details
a)	Library	Books : 6123
b)	Internet facilities for Staff & Students	-
c)	Total number of class rooms	10
d)	Class rooms with ICT facility	-
e)	Students' Laboratories with ICT facility	-
f)	Research Centre with ICT facility	-

28. Number of students of the department getting financial assistance from College

CLASS	No. of Students Getting Financial Assistance from		
	College	Environment	Total
B.A.(All Streams)	420	174	594
B.A. Social Science	10	01	11
MA. History	12	03	15

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, the assessment exercise is being undertaken before the start of new programme. The new programme is being presented and discussed in the meetings of the Board of Studies. Valuable suggestions are being taken from the subject experts of universities and other colleges. The syllabi of other universities are also being consulted.

30. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the department obtains feedback from faculty on curriculum as well as teaching learning-evaluation system through meetings of the Board of Studies and monthly meetings of the Department. The Department makes efforts to work on the problems and suggestions are considered in the meetings of Board of studies in preparing academic curriculum.

b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Yes, the Department obtains feedback from the students on staff and curriculum as well as teaching-learning-evaluation through the feedback Performa from the students, meetings with C.R.'s and through tutorial groups. The feedback from students is being discussed in the meetings with the principal of the college and faculty members of the Department and actions are being taken accordingly.

c) Alumni and employers on the programmes and what is the response of the department to the same?

Alumni are taken as members of the Board of Studies. Feedback on Programme is obtained through Alumni meetings. Their valuable suggestions are being incorporated.

31. List the distinguished alumni of the department (maximum 10):

S.No.	Name	Designation	Address/ Institute
1	Dr. Gurdev Singh	Principal	Guru Nanak College, Sukhchainana Sahib, Phagwara
2	S. Sukhjot Singh	Assistant Professor	P.G. Department of Political Science Khalsa College, Amritsar
3	Mr. Kuljeet Singh	Advocate	Chamber No.170-A, District Session Court, Amritsar
4	Dr. Gurinderjit Singh Bhullar	Associate Professor	Guru Nanak College, Moga
5	S. Kabal Singh	Assistant Librarian	Khalsa College of Engineering and Technology Amritsar
6	S. Jagjit Singh Walia	Superintendent of Police	H.No. 321, Inside Police Line, Amritsar
7	S. Pishora Singh	Assistant Prof. (Rtd.)	P.G. Dept. of Political Science Khalsa College, Amritsar
8	S. Jagjit Singh	Assistant Professor (Rtd.)	P.G. Dept. of Pol. Science Khalsa College, Amritsar
9	S. Gurinder Pal Singh Sodhi	Lecturer in History	Punjab Education Department H.No. 166, New Pawan Nagar Street No.12, Batala Road, Near Celebration Mall, Amritsar
10	S. Parminder Singh	Platoon Commander in Punjab Home guards and Civil Defense	b/s Gurdwara Chheharta Sahib, San Sahib Road, Chheharta, Amritsar

32. Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.

S. No.	Topic	Name of Resource Person	Date
1.	“Role of the Ghadar Party in the Freedom Struggle of India”.	S.N. Aggarwal, Hon’ble Justice (Retired).	Sept 4, 2012
2.	“Preservation of the Rare Guru Granth Sahib’s Manuscripts.”.	Dr. Mohinder Singh, Member, National Commission for Minority Educational Institutions.	Sept 03, 2013
3.	“Maharaja Ranjit Singh’s Darbar”.	Faqir Sayyid Azizuddin	Mar 6, 2014
4.	“Understanding History as a Discipline and its Importance”.	Dr. Sulakhan Singh Professor Dept. of History GNDU, Amritsar.	Mar 9, 2015
5.	“The Relations between the British and the Indian Princely States from 1757 to 1947”.	Dr. Sukhwant Singh Professor Dept. of History GNDU, Amritsar.	Nov 2, 2015
6.	“The Lost Heritage: The Sikh Legacy in Pakistan”.	S. Amardeep Singh Rangar, A Sikh Scholar.	Feb. 24, 2016

33. List the teaching methods adopted by the faculty for different programmes.

For M.A. - Lecture methods, Seminars and Group Discussions, Debates, Use of maps and Black-boards, historical visits etc.

For B.A. - Lecture methods, use of Black-Board, Group Discussions.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Through Periodical Class-Tests, Feedback Performa and Tutorial Groups the programme objectives are constantly evaluated and learning outcomes are monitored.

35. Highlight the participation of students and faculty in extension activities.

Special lectures, seminars, and educational tours are being organized. Faculty Members and students actively participate in them.

36. Give details of “beyond syllabus scholarly activities” of the department.

Class quiz competitions, group discussions, class presentation, educational tours are being conducted.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths	Weaknesses
<ol style="list-style-type: none">1. Preferred course in B.A.2. Department has both B.A. & M.A History3. Qualified faculty4. Rich collection of books in main library5. Participation of the department in the courses offered by other departments	<ol style="list-style-type: none">1. Insufficient Regular Faculty2. Students with poor academic base3. Lack of Departmental Library4. Lack of Research aptitude5. Lack of Modern Teaching Aids
Opportunities	Challenges
<ol style="list-style-type: none">1. To increase the strength of M.A. Classes.2. To prepare the students for competitive examination3. To introduce the research in the department4. To introduce modern teaching aids such as audio-visual aids5. To encourage the faculty to attend the various Seminars/ Workshops/ Faculty Improvement courses.	<ol style="list-style-type: none">1. To improve the academic standard of the students with weak academic background2. To update library with standard books in local language3. To appoint permanent faculty4. To prepare the students for competitive examinations5. To improve the prospects of placements.

39. Future plans of the department:

- To establish Departmental Library.
- To organize National seminars/conferences.
- To get research project.
- To organize more tours to historical places for practical knowledge.
- To establish multimedia Classrooms.

Evaluative Report of P.G. Department of Journalism and Mass Communication

1	Name of the Department	P.G. Department of Journalism and Mass Communication	
	Year of Establishment	2015	
2	Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	<ul style="list-style-type: none"> ● M.A. in Journalism and Mass Communication
		UG Courses	<ul style="list-style-type: none"> ● B.A. in Journalism & Mass Communication ● Add on Course in Still Photography (6 month)
3	Interdisciplinary courses and departments involved:	--	
4	Annual/semester/ choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	--	

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Assistant Professors)

Teaching Posts	Sanctioned	Filled
Professor	0	0
Associate Professor	0	0
Assistant Professor	4	4*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds

7. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./Ph.D./M.Phil., etc.)

S. No.	Name of the teacher	Academic qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D Students
1	Dr. Puneet Kaur	Ph. D UGC NET M.A Journalism and Mass Communication	Assistant Professor	Film Studies	6	Nil
2	Ms. Amanjyoti Kaur	M.A Journalism & Mass Com	Assistant Professor	Electronic Media	01	Nil
3	S. Gurpreet Singh	M.Phil Journalism and Mass Communication	Assistant Professor	Video Production	01	Nil
4	S. Harpreet Singh	M.A Journalism and Mass Communication	Assistant Professor	Communication and Print Media	01	Nil

8. Percentage of classes taken by temporary faculty: 100% (all courses)

9. Student Teacher Ratio: 25:1

10. Number of Academic Support Staff (Sanctioned and Filled): 01

11. Number of Faculty with ongoing projects from national, international funding agencies and grants received. Nil

12. Department projects funded by DST FIST DBT ICSSR : Nil

13. Research Facility center: Nil

14. Publications

Sr. no.	Name of Faculty	Number of paper published in peer reviewed journals (national /international)	Books with ISBN No. with details of Publisher	Chapter(s) in Book(s)	Editing Books	Citation Index	SNIP	SJR	Impact factor	h-Index
1	Dr.Puneet Dhillon	09	01	--	--	--	--	--	--	--
2	S. Harpreet Singh	--	--	--	--	--	--	--	--	--
3	S. Gurpreet Singh	--	--	--	--	--	--	--	--	--
4	Ms. Amanjyoti kaur	--	--	--	--	--	--	--	--	--

15. Details of patents and income generated: Nil

16. Areas if consultancy and income generated: Nil

17. Faculty recharging strategies

Faculty members attended national/ International seminars, conferences and workshops.

18. Student Projects

Students are involved in outdoor Photoshoots, Short Film Making and Interviews (Department Level)

(a) **Percentage of Students who have done in-house projects including inter-department: 100**

(b) **Percentage of students doing projects in collaboration with industry/institutes: Nil**

19. Awards/ Recognitions received by faculty

1. Dr. Puneet Dhillon was honored with the award of ‘Best Book in Journalism’ (English) for her Book “Mass Communication Abridged” by Indian Institute of Mass Communication Estd. in 1984 and Daulatram College, Delhi University.
2. She also received the ‘Letter of Appreciation’ by American India Foundation New Delhi for participating and supporting in Public film screenings in the event ‘Films for Social Change’ in Amritsar

20. Seminars/ Conferences organized by the department

S.No.	Title	Date	Resource Person	Funding
1	One-day workshop on Film Production	Aug 7, 2015	In Collaboration with GAFA Innovation Productions	Self-Financed
2	Workshop on Anchoring and Studio	Aug 27, 2015	Gurjit Singh (anchor PTC Channel)	Self-Financed
3	Visit to radio station 92.7 Big FM	Oct 7, 2015	RJ Roger	Self-Financed
4	Guest lecture on PR and Status Quo	Dec 21, 2015	Mr. Dharminder Rataul	Self-Financed
5	Organized Film Festival “Cine Sarokar 2016”	Jan 29-30, 2016	Mr. Sanjay Kak and Mr. Diljit Ami (renowned documentary film maker)	Self-Financed
6	Outdoor photo shoot activity to the village “Pul Kanjari”	Feb, 2016	--	Self-Financed
7	Guest lecture on ‘Media & Ethics’	Mar 11, 2016	Mr. Jatinder Pannu (Editor in Chief Nawazamana)	Self-Financed
8	Inter-College Media Festival	Sept 10, 2016	Sr. Varinder Walia (Editor in Chief Punjabi Jagran)	Self-Financed
9	Script to Screen Competition	Oct 26, 2016	--	Self-Financed
10	One Day Visit to Dainik Bhaskar Publication and Circulation Unit	Feb 25, 2017	--	Self-Financed

21. Student Profile programme/ course-wise

Name of course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2015-16					
BA Journalism & Mass Comm I	69	26	09	100	100

22. Diversity of Students

Name of course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other states	Percentage of students from other countries
B.A. (JMC) 1 st Sem	Nil	93	7	Nil
B.A. (JMC) 3 rd sem	Nil	98	2	Nil
M.A. (JMC) 1 st sem	33	56	11	Nil

23. How many students have cleared Civil Services, Defense Services, NET etc. Nil

24. Student Progression Nil

25. Diversity of Staff

Percentage of staff who are graduates	
Of the same parent university	0
From other universities within the states	100
From other universities from other states	0

26. Number of faculty awarded PhD, DSc D Lit etc: Nil

27. Present details about Infrastructure Detail

S. No.	Facility	Details
a)	Library	Books : 67
b)	Internet facilities for Staff & Students	Yes
c)	Total number of class rooms	3
d)	Class rooms with ICT facility	--
e)	Students' Laboratories with ICT facility	1 Studio with Latest Equipments
f)	Research Centre with ICT facility	--

28. Number of students of the department getting financial assistance: Nil

29. Was any assessment exercises taken before development of news programs?

The viability of commencing M.A. (JMC) was discussed thoroughly in the department meetings. Feedback and suggestions from subject experts as well

as students were considered in the meeting of Board of Studies before recommending the commencement of M.A. (JMC) to Academic Council.

30. Does the department obtain feedback from

- a) **Faculty on curriculum as well teaching learning evaluation?** The department holds regular staff meetings in order to discuss curriculum design as well as techniques to improve teaching-learning methods
- b) **Students on staff, curriculum as well as teaching-learning evaluations and what is the response of the department to the same?** The regular feedback from the students is sought by HOD as well as in tutorial groups.

The problems and suggestions stated by students are considered and are addressed accordingly.

- c) **Alumni and employers of the programmes and what is the response of the department to the same?** NA

31. List of distinguished Alumni: NA

32. Give Details of Student enrichment programmes

- One-day workshop on “Film Production- Script to Screen” in collaboration with GAFA Innovation Productions. Students learnt the basics of camera as well as video editing.
- One day workshop on “Anchoring and Studio” with Gurjit Singh (anchor PTC Channel). He shared his experience in the field of anchoring with the archival videos of his recorded programs.
- One-day visit to radio station 92.7 Big FM where students learnt the sequence of production of radio programs.
- A Guest lecture on “PR and Status Quo” by Mr.Dharminder Rataul for discussing public relations and its scope.
- Two days film festival “Cine Sarokar 2016” with Mr. Sanjay Kak (renowned documentary film maker) and Mr. Diljit Ami (renowned documentary film maker. The event observed screening of films on social issues followed by Panel discussions.
- One-day outdoor photo shoot activity to the village “Pul Kanjari”,
- One-day guest lecture on ‘Media & Ethics’ with Mr. Jatinder Pannu as resource person.
- One-day Media Festival where Students from various universities and colleges participated in the event in the series of events. Sr. Varinder Walia, Editor-in-Chief, Punjabi Jagran graced the event discussed media and ethics
- A visit to Dainik Bhaskar Publication and Circulation unit on February 25, 2016 in order to acquaint the students about the field of print media.

33. List of teaching methods adopted by faculty for different programmes

Class	Traditional methods	Latest Methods
M.A. (JMC)	Chalk and Board, Class Room Discussions	PPTs, Focus on Practical works like News Bulletin shooting, outdoor Photo shoots, Video editing on latest softwares.
B.A. (JMC)	Chalk and Board, Class Room Discussions	Regular practical assignments, Usage of projector for Film screenings and video Production.

34. How does the Department ensure that programme objectives are constantly met and learning outcomes monitored?

Student feedback on syllabi, infrastructure as well as teacher performance.

35. Highlight student/faculty participation in extension lectures Faculty

Staff members regularly participate in Seminars, Conferences and workshops organized by various reputed institutes

36. Give beyond Syllabus scholarly activities of the department

Regular Quiz and debate sessions are held in the department in order to keep students informed about the current affairs and develop a sense of discussion among them.

37. State whether the programme/department is accredited/ graded by other agencies.

NA

38. Details any five Strengths, Weakness, Opportunities and Challenges (SWOC) of the department.

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Master Degree Course available in very few institutions in the region. 2. Maximum stress on practical and Field assignments 3. Well equipped Studio with latest Technology and equipments 4. Autonomy to redesign the curriculum with modern syllabi and introducing new courses. 	<ol style="list-style-type: none"> 1. Recruitment of regular faculty. 2. To improve infrastructure 3. Video library facility 4. To encourage faculty for research
Opportunities	Challenges

<ol style="list-style-type: none">1. Growing scope of mass communication in the region.2. Expansion of new courses3. Rise of New Media4. Introduction of Applied course5. Increasing opportunity of research in the field	<ol style="list-style-type: none">1. Competition with the other institutes in the region.2. To acquire and maintain high-tech infrastructure3. To facilitate more placements4. To create awareness regarding the scope of Journalism and Mass Communication
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39. Future plans

- To upgrade the existing infrastructure
- To Setup a new Video Library
- To Emphasize on Research Work.
- To Faculty improvement programmes
- To introduce new add-on courses

Evaluative Report of P.G. Department of Mathematics

1.	Name of the Department	P. G. Department of Mathematics
	year of establishment	1914
2.	Names of Programs / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):	M.Sc.(Mathematics) B.Sc.(Non-Medical, Computer science and Economics) B.A.(with Mathematics)
3.	Interdisciplinary courses and departments involved	NIL
4.	Annual/ semester/choice based credit system:	Semester System
5.	Participation of the department in the courses offered by other departments	B. Sc. (Agriculture and Biotechnology), BCA, B. Sc. IT, M. Sc. (Zoology, Chemistry and Botany)

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

	Sanctioned	Filled
Professors	--	--
Associate Professors	--	--
Assistant Professors (under 95% grant in aid scheme)	07	04
Assistant Professors (Management)	--	--
Assistant Professors (Adhoc)	09	09

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Regular Faculty

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil students guided in last 4 years
Mrs. Rajinder Pal Kaur	M.Sc.(Maths), UGC, B. Ed.	Assistant Professor	Mathematical Modeling	12	-----
Mr. Navyodh Singh	M.Sc.(Maths), UGC, B.Ed.	Assistant Professor	Pure Maths	8	-----
Mr. Gurcharan Singh	M.Sc.(Maths), UGC.	Assistant Professor	Information Theory/ Statistics	8	-----
Mrs. Anchal Sharma	M.Sc.(Maths) UGC, B. Ed.	Assistant Professor	Pure Maths	6	-----

Adhoc Faculty

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil students guided in last 4 years
Mrs.Amrit Kaur	M.Phil.(Maths), M. Ed.	Associate Professor	Pure Maths	19	
Ms. Veerpal Kaur	M.Sc.(Maths)	Assistant Professor	Pure Maths	1	
Ms. Yadwinder Kaur	M.Sc.(Maths)	Assistant Professor	Pure Maths	1	
Ms. Rose Prinja	M.Sc.(Maths)	Assistant Professor	Pure Maths	2	
Mr.Navjeet Singh	M.Sc.(Maths), B. Ed.	Assistant Professor	Pure Maths	6	
Ms. Manjot Kaur	M.Sc.(Maths)	Assistant Professor	Pure Maths	1	
Kanika Kochhar	M.Sc.(Maths)	Assistant Professor	Pure Maths	1	
Ms. Harmanpreet Kaur	M.Sc.(Maths)	Assistant Professor	Pure Maths	1	
Ms. Mamandeep Kaur	M.Sc.(Maths)	Assistant Professor	Pure Maths	1	
Ms. Aasmeen Kaur	M.Sc.(Maths)	Assistant Professor	Pure Maths	1	

8. Percentage of classes taken by temporary faculty – programme-wise information

Class	2012-13	2013-14	2014-15	2015-16	2016-17
M. Sc.	40	40	64	65	68
B. Sc.	66	66	92	88	82
B.A.	-----	-----	-----	-----	100
BCA	100	100	100	100	100
B. Sc.(I.T.)	100	100	100	100	100

9. Programme-wise Student Teacher Ratio:

PG Class

Class	Student teacher ratio For 2015-16	Student teacher ratio For 2016-17
M. Sc. (Maths)	12:1	13:1

UG Classes

Class	Student Teacher ratio For 2015-16	Student Teacher ratio For 2016-17
B. Sc.	20:1	19:1
B.A.	NA	19:1
BCA	11:1	6:1
B.Sc. IT	13:1	13:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c)

Total grants received. Nil

12. Departmental projects funded by DST-FIST; DBT, etc.;
Total grants received: Nil

13. Research facility / centre with: NIL

The affiliating University does not allow the creation of research centre.

- state recognition
- national recognition
- international recognition

14. Publications:

Particulars	Total
number of papers published in peer reviewed journals (national /international)	14
Monographs	NIL
Chapter(s) in Books	08
Editing Books	NIL
Books with ISBN numbers with details of publishers	01+04=05 (VDM, Sharma Pub.)
Number listed in International Database (For <i>e.g.</i> Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	02
Citation Index – range / average	-----
SNIP	0.635
SJR	-----
Impact factor – range / average	0.599
h-index	01

15. Details of patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies: General Orientation Courses, Refresher courses, seminars, workshops, etc.

Faculty members are attending General Orientation Courses, Refresher courses, seminars, workshops, etc frequently.

18. Student projects

- Percentage of students who have done in-house projects including inter-departmental : Nil
- Percentage of students doing projects in collaboration with industries / institutes : Nil

19. Awards / recognitions received at the national and international level by

- Faculty: Nil
- Doctoral / post doctoral fellows: Nil
- Students : 05

Awards:

S. No.	Name of the Student	Class	Award taken	Year
1.	Amarjot	BCA Sem-II Roll No. 6013	Gold medal in table tennis at national level	2014
2.	Sarbjit	BCA Sem-VI	Gold medal in volleyball at district level	2010
3.	Mandeep	BCA Sem-VI	Gold medal and Bronze medal in swimming at national level	2012 2014
4.	Manpreet	BCA Sem-IV	Gold medal in firing competition (NCC) at district level	2015
5.	Prabhpreet Singh	BCA Sem-IV	Silver medal in firing competition (NCC) at district level	2015

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

Sr. No.	Seminar/ Conference/ Workshop	Theme	Year	Resource persons	Funding agency
1.	Seminar	Importance of Mathematics in Real Life	4 th Nov, 2014	Dr.T.D. Narang, GNDU, Amritsar	Self financed
2.	Seminar	National Mathematics Day	9 Sept 2015	Manbir Kaur Dr. Swaranjit Kaur Dr. Arneet Kaur Ashu Vij Manju Duggal	Punjab State Council for Science and Technology
3.	Seminar	Science Show	1 st Oct 2016	Mr. Jaswinder Singh	Self financed
4.	Seminar	Health Awareness Seminar	1 st Oct 2016	Dy. Manager Verka Milk Plant Amritsar	Self financed
5.	Seminar	National Mathematics Day(Poster making)	22 nd Dec 2016	Dr. Mehal Singh (Principal)	Self financed

Sr. No.	Seminar/ Conference/ Workshop	Theme	Year	Resource persons	Funding agency
6.	National Mathematics Quiz	Quiz Competition	Feb 23, 2017	27 teams from different institutions participated	Self financed

21. Student profile course-wise:

Session 2011-12

Name of Course	Applications received	Selected		Total Pass percentage
		Male	Female	
B. Sc. (Non Med)-I	49	17	32	59.6
B. Sc. (Non Med)-II	36	12	24	91.66
B. Sc. (Non Med)-III	13	05	08	100
B. Sc. (Comp. Sci.)-I	93	50	43	45.16
B. Sc. (Comp. Sci.)-II	63	30	33	95.23
B. Sc. (Comp. Sci.)-III	54	21	33	96.23
B. Sc. (Eco.)-I	12	07	05	41
B. Sc. (Eco.)-II	04	02	02	100
B. Sc. (Eco.)-III	10	04	06	90
B.Sc.(Biotech)-I	39	05	34	87.17
B. Sc. (Agri.)-I	04	01	02	75
BCA-I	110	76	25	41.5
B. Sc. IT –I	57	27	25	92.15
M. Sc. (Maths) Sem-I	24	03	20	100
M. Sc. (Maths) 2 nd year	34	04	30	100

22. Diversity of Students

Year	Name of course	%age of students from the college	%age of students from the state	%age of students from the other states	%age of students from the other countries
2012-13	M. Sc. (Maths)	18.5	81.5	18.5	-----
2013-14	M. Sc. (Maths)	19.5	91.5	8.5	-----
2014-15	M. Sc. (Maths)	19	92.5	7.5	-----
2015-16	M. Sc. (Maths)	13.5	95.05	4.95	-----
2016-17	M. Sc. (Maths)	17	81.4	15	-----

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Civil Services	Defense Services	NET	GATE	SLET	other competitive examinations

Nil	01	11	01	NIL	12
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24. Student progression:

Student progression	Against % enrolled
UG to PG	24
PG to M.Phil.	Nil
PG to Ph.D.	02
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	07
Other than campus recruitment :	50
Entrepreneurs	14

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	78.5
of the other university within state	21.5
of the other university other state	NIL

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

- Library **One (Books: 1013, Journals: 02(off line), 10 (online))**
- Internet facilities for staff and students **Yes**
- Total number of class rooms: **09**
- Class rooms with ICT facility: **01**
- Student’s laboratories: **Nil**
- Research laboratories: **Nil**

28. Number of students of the department getting financial assistance from College:

Class	College	Government	Total
B.Sc(N.M)	51	40	91
B.Sc(CSc)	29	09	38
B.Sc(Eco.)	16	09	25
Msc.(Maths)	23	86	109

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

- Before starting any new course or program in the department, departmental meetings of faculty are held from time to time to decide the curriculum, methodology etc.
- Feedback from the students is also taken about the program.

- Students’ effective and creative participation is encouraged.
- This program is approved in the meeting of board of studies and then implemented.

30. Does the department obtain feedback from

- **Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department rearrange it?**

Department takes feedback from teachers on curriculum as well as on teaching –learning- evaluation through staff meetings and daily reports. Immediate actions are taken on problems related to department level and related to curriculum are discussed in BOS.

- **Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?**

Students put their suggestions in the suggestion box installed in the department. The HOD regularly visits the classrooms to get feedback regarding teacher’s performance, syllabus covered, and their personal problems. Mathematical society is also a great help in providing feedback. Students also fill feedback performa during tutorial groups.

According to the feedback of the students immediate actions are taken by the HOD and departmental meetings are held to discuss other issues.

- **Alumni and employers on the programmes and what is the response of the department to the same?**

The feedback is taken from the alumni during the alumni meet organized by the college. On the occasion of convocation, the performas are filled by the alumni. One of the Alumni is in our BOS, her response and recommendations are taken in consideration while preparing the curriculum and syllabi.

According to the feedback of the alumni immediate actions are taken by the HOD. Other issues are discussed in departmental and BOS meetings.

31. List the distinguished alumni of the department (maximum 10)

S. No.	Name	Designation	Institution
1.	Dr. Gagandeep Singh	Assistant Professor	PU Chandigarh
2.	Ramandeep Kaur	Senior Research Fellow	NIT Hamirpur
3.	Sarabjit Singh	Assistant Professor	GNDU College Narot Jaimal Singh, Gurdaspur
4.	Barinder Singh	Assistant Professor	GNDU College Niari Pathankot
5.	Tarlok Singh	Assistant Professor	SGPC college Sutlani Sahib
6.	Navyodh Singh	Assistant Professor	Khalsa College, Amritsar
7.	Jatinder Kaur	Assistant Professor	GNDU College, Verka
8.	Vinod Sharma	E.T.T. Teacher	Punjab Government
9.	Rajinder Singh	Maths Teacher	Punjab Government
10.	Gurwinder Singh	Maths Teacher	Punjab Government

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

- I. Special lecture for the students of M. Sc. was delivered by Dr. T. D. Narang, Professor Emeritus Professor in G.N.D.U. Amritsar on Aug. 2014.
- II. Inter-college Debate/ Declamation contest was held on Sept. 2015.
- III. Science Show organized by Jaswinder Singh on Sept.2016.
- IV. Seminar on health awareness was conducted on Sept.2016.
- V. Educational Trip to Rail Coach Factory, Kapurathala Oct.2016

33. List the teaching methods adopted by the faculty :-.

For U.G. Classes.

- Lectures delivered to students in the class room.
- Power point presentations are shown to understand the topic more precisely.
- Classroom tests are conducted.
- The performance of the students is tested in the house examinations.

For P.G. Classes.

- Real life model implementation.
- Education trips organized to aware them about the industrial application of the concepts.
- The performance of the students is tested in the house examinations.
- Real life applications of the concepts discussed in the classroom.
- Classroom assignments about the topic.

34. How does the department ensure that program objectives are constantly met and learning outcomes monitored?

- Regular staff meetings are conducted in the department to get suggestions regarding improvement of students and teaching learning process.
- The outcome of the program is monitored by conducting house tests, class tests and assignments. Seminars, guest lectures, national level quiz competitions, poster making competitions and health awareness programs are arranged.
- Department encourages students to participate in competitions organized by other institutes.
- Staff members get feedback from students in tutorial groups and their problems are solved

35. Highlight the participation of students and faculty in extension activities.

- I. Debate/Declamation contest organized by the faculty.
- II. Faculty help the students for the preparation of Debate/Declamation contests.
- III. Students of the department participated and won the Debate/Declamation contest held in Khalsa College for women, Amritsar.
- IV. Student of the department participated the in the Declamation contest held in GNDU, Amritsar.
- V. Students of the department participated in the quiz contest held in HMV college, Jalandhar.

Evaluative Report of P.G. Department of Music Vocal

1	Name of the Department	Post Graduate Department of Music Vocal	
	Year of establishment	2007	
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	MPA Music Vocal
		UG Courses	Music Vocal as a Elective Subject in B.A
3.	Interdisciplinary courses and departments involved	Hindi, Computer Science for MPA Music Vocal	
4.	Annual/semester/choice based credit system:	Semester System	
5.	Participation of the department in the courses offered by other departments	Nil	

6. Number of teaching posts sanctioned and filled

Teaching Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	1	01*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization (D.Sc./D.Litt./ Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided in last 4 years
Ms Harleen Kaur	M.A, M Phil	Assist. Prof.	Indian Classical Music	10	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information

Class	2011-12	2012-13	2013-14	2014-15	2015-16
B.A I,II,III	100	100	100	100	100

9. Programme-wise Student Teacher Ratio

Class	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
B.A. I, II,III	13:1	20:1	28:1	34:1	54:1	83:1
MPA Music Vocal	-	-	-	-	-	11:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. : Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received Nil

13. Research facility / centre with : Nil

- state recognition
- national recognition
- international recognition

14. Publications: Nil

15. Details of patents and income generated: Nil

16. Areas of consultancy and income generated : Nil

17. Faculty recharging strategies

Faculty member attended :

- Refresher Course–
- National Seminar

18. Student projects : Nil

19. Awards / recognitions received at the national and international level by

- **Faculty :**

1. Honoured as Best Folk Singer (State level award)by Mohd Rafi Society,Amritsar.
2. Honoured by Zee TV on performing in Sa Re Ga Ma Pa Programme.
3. Honoured by “Young Munch” for being judge of National level Singing,modeling,dance Competition held at Chandigarh.
4. Duet song with Javed Ali, Bollywood playback singer released by T-Series was nominated in Mirchi Music Award.

- **Doctoral / post doctoral fellows :**Nil

- **Students :** 04

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Nil

21. Student profile course-wise:

Name of Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2011-12					
B.A.	30	24	06	100	100
2012-13					

Name of Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2011-12					
B.A.	30	24	06	100	100
B.A	41	38	03	100	100
2013-14					
B.A	43	35	08	100	100
2014-15					
B.A	49	45	04	100	100
2015-16					
B.A	94	91	03	98	100

22. Diversity of Students

Session	Name of the Course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
2011-12	B.A. I,II,III	-	100	-	-
2012-13	B.A.I,II,III	-	100	-	-
2013-14	B.A.I,II,III	-	100	-	-
2014-15	B.A.I,II,III	-	99	1	-
2015-16	B.A.I,II,III	-	99	1	-

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? NIL

24. Student progression

Student progression	Percentage against enrolled
UG to PG	70
PG to M.Phil.	10
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	70

25. Diversity of staff

Percentage of faculty who are graduates	
of the same parent university	100
from other universities within the State	
from other universities from other States	

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

27. Present details about infrastructural facilities

S. No.	Facility	Details
a)	Library	Books : 153
b)	Internet facilities for Staff & Students	-
c)	Total number of class rooms	02
d)	Class rooms with ICT facility	-
e)	Students' Laboratories with ICT facility	-
f)	Research Centre with ICT facility	-

28. Number of students of the department getting financial assistance from College:

Students got financial assistance under various categories like post metric scholarships for SC and Minorities and meritorious students fee concession is given to students who excel in youth festival and other competitions

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Department started MPA Music Vocal in session 2016-17. Before starting the course following steps were followed:

1. Feedback from students and experts regarding the relevance and scope of the programme.
2. Drafting of syllabus as per the requirement.
3. Presenting the syllabus before the BoS for approval.
4. Appropriate changes as per the recommendations/ suggestions of subject experts.

30. Does the department obtain feedback from

(a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The feedback is regularly obtained from the students on curriculum and teaching learning. Also the suggestions given by members of board of studies are implemented. The suggestion through tutorials are also implemented.

(b) students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The Department obtains feedback from the students and staff about curriculum as well as teaching-learning-evaluation through the feedback Performa from the students, meetings with C.R.'s and through tutorial groups. The feedback from students is being discussed in the meetings with the principal and faculty members of the Department and actions is taken accordingly.

(c) alumni and employers on the programmes and what is the response of the department to the same?

Alumni are taken as members of the Board of Studies. Feedback on Programme is obtained through Alumni meetings. Their valuable suggestions are incorporated in course curriculum.

31. List the distinguished alumni of the department (maximum 10)

Sr.No.	Name	Profession
1.	Ranjit Bawa	Singer
2.	Gurshabad Singh	Singer
3.	Lovepreet Singh	Singer
4.	Bali Dhillon	Singer
5.	Ranbir Singh	Singer
6.	Jaspreet Singh	Music Teacher
7.	Gurbaj Singh	Music Teacher
8.	Vivek Mahajan	Music Teacher & Singer
9.	Dilpreet Singh	Music Teacher
10.	Satish Kumar	Music Teacher
11.	Dilpreet Singh	Music Teacher
12.	Satish Kumar	Music Teacher

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

1. Professional Trainers are invited to deliver practical training to the students.
2. Interaction sessions with renowned musicians and singers are arranged.
3. Regular competitions(inter departmental & inter college) for student enrichment.

33. List the teaching methods adopted by the faculty for different programmes.

Lecture methods, use of Black-Board, Interaction with professionals, providing synopsis, quiz, Singing competitions Practical Knowledge through practical.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Regular class test and Feedback from the students is taken from time to time and efforts are made to solve their problem. More over assignments and class tests are regularly given to the students to monitor their performance.

35. Highlight the participation of students and faculty in extension activities.

All the students participate in youth festivals, college cultural activities.

36. Give details of “beyond syllabus scholarly activities” of the department.

- Providing students with audio recording of classical music.
- Students work with renowned artists in music videos.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Grooming students to participate in youth festivals and other inter-college competitions. 2. Many of the students of department participated in the talent search such as Reality Shows. 3. Many of the students of the college has become professional in music (e.g Music Teacher, Professional Singer, Kirtani Jathas.) 4. Professional Trainers are invited to give practical training to the students. 5. There are only two boys/co- ed. colleges in the region which offer music as subject. Hence it is a great strength to attracted the talented boys students. 	<ol style="list-style-type: none"> 1. More staff needed as the student strength is increasing. 2. The department has started MPA Degree course, hence more classrooms and practical rooms are required. 3. For MPA there is also need of Theatre infrastructure and studio. 4. As department is over-engaged with preparing teams for Youth Festival and college functions, it has not been able to organize sufficient number of seminars etc.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. Department can avail the opportunity to engage organisations like SPIC MACAY for promotion of music 2. Students of music have the opportunity to opt for career as professional singers, musicians and teachers. 3. Department can make efforts for cultural exchange with other states of India. 4. Students can also go into technical fields like recordings etc. 5. Students of MPA can pursue the career in event management. 	<ol style="list-style-type: none"> 1. To prepare the students for securing employment. 2. To provide well qualified faculty. 3. To use latest technical equipment. 4. To developed proper infrastructure in the department.

39. Future plans of the department.

- To start Add-on Certificate in Gurmat Sangeet
- Conduct Seminars and workshops.
- Departmental library
- Music Studio
- To invite famous musicians and singers for performances.

Evaluative Report of the Department of Physical Education

1	Name of the Department	Department of Physical Education	
	Year of Establishment	1915	
2	Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	--
		UG Courses	B.A. (Physical Education subject) Diploma in Gatka
3	Interdisciplinary courses and departments involved:	---	
4	Annual/semester/ choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	B.A. Social Sciences	

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Teaching Posts	Sanctioned	Filled
Professors	--	--
Associate Professors	--	01
Asst. Professors	03	03*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./ Ph.D./ M. Phil. etc.,)

Regular Faculty:

S. No.	Name of teachers	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided in last 4 years
1	Dr. Daljeet Singh	Ph.D.	Associate Professor	Sports Sociology	19	Nil

Adhoc Faculty:

S. No.	Name of the teachers	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil students guided in last 4 years
1	Ms. Amandeep Kaur	M.P.Ed. UGC Qualified Ph.D. perusing	Assistant Prof.	Sports Sociology	6.5	Nil
2	S. Jagjit Singh	M.P.Ed., M.A.His. & B.Ed.	Assistant Prof.	Anatomy and kinesiology	0.5	Nil
3	S. Navneet Singh	M.P.Ed. UGC Qualified	Assistant Prof.	Coaching and officiating	0.5	Nil

8. Percentage of classes taken by temporary faculty – Programme-wise information

Year	Classes	%age classes taken
2012-13	B.A. I,II,III	60
2013-14	B.A. I,II,III	60
2014-15	B.A. I,II,III	71
2015-16	B.A. I,II,III	75
	B.A. I Social Sciences	100
2016-17	B.A. I,II,III	75
	B.A. I Social Sciences	100

9. Programme-wise Student Teacher Ratio

Year	Class	Student Teacher Ratio
2012-13	B.A. I,II,III	43:1
2013-14	B.A. I,II,III	59:1
2014-15	B.A. I,II,III	81:1
2015-16	B.A. I,II,III	82:1
	B.A. I Social Sciences	40:1
2016-17	B.A. I,II,III	75:1
	B.A. I Social Sciences	26:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled: Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise. Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: Nil

13. Research facility / centre with

- **State recognition :** Nil
- **National recognition:** Nil
- **International recognition:** Nil

14. Publications:

Sr. no.	Name of Faculty	Paper Published on National/International	Books with ISBN No. with details of Publisher	Chapter(s) in Book(s)	Editing Books	Citation Index	SNIP	SJR	Impact factor	h-Index
1.	Dr. Daljeet Singh	03	01 (978-3-659-37478-4)							
2.	Amandeep Kaur	06								

15. Details of patents and income generated : Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies: Seminars and Conferences, Faculty Development Program and staff Meetings.

18. Student projects

- a) **Percentage of students who have done in-house projects including inter-departmental :** Nil
- b) **Percentage of students doing projects in collaboration with industries / institutes :** Nil

19. Awards/recognitions received at the national and international level by

- **Faculty :** Nil
- **Doctoral / post doctoral fellows :** Nil
- **Students :**

Sports award achieved by students in National and International events

Year	National	International
2012-13	1. Our 2 players won gold medal in Softball Federation Cup of India (Bangalore) and Baseball Senior National (Bhuvneshwer). 2. 3 athletes participated in Senior National Athletics Meet (Chennai).	1. Gurdial Singh won Gold Medal in the Junior Asian National Style Kabaddi Championship held at Malaysia.
2013-14	1. Simranjit Singh, Ravinder Singh, Harpreet Singh and Harminder Singh of Softball won Gold (Federation Cup of India) held at	1. Gurdial Singh won Gold medal in Junior Asian National Style Kabaddi held at Muscat.

Year	National Amritsar, Punjab.	International
2014-15	<ol style="list-style-type: none"> 1. Suraj Prasad of taekwondo won bronze medal at national games held at kerela from March 5-12, 2015. 2. Gurbir singh of B.A. Sem I participated in the senior national (Dragon boat) competition held at Srinagar august, 2014 and won two bronze medals. 3. Gurkirtan singh of High jump (Athletics) create new record in Punjab state U-20 held at sangrur .and also created a national record in north zone held at Lucknow on Oct 20-21, 2014. 4. Simranjit singh participated at senior national of soft ball held at Maharashtra on Jan. 7-11, 2015. 5. Sukhil patel and Parveen of canoeing won silver and bronze medal in Jr. nation held at Raipur chhatisgarh on Feb 19-21, 2015. 6. Mohit got silver abd bronze medal in national canoe sprint championship held at Raipur ,chhatisgarh on Feb 19-23, 2015. 7. Simranjit Singh, Manjot Singh, Prithvi Singh, Harpreet Singh, Manjinder Singh got silver medal in soft ball federation cup of india held at on June 2014 	<ol style="list-style-type: none"> 1. Mohit of B.A. Sem I participated in the 23th World under 23 Canoe sprint Championship held a Hungary from July 17- 20, 2014. 2. Sushma Devi of PGDCA is member Of Indian Cricket Team (Women) tour to England in August, 2014. She won home test series and T-20 held at Bangalore on Nov 16-30, 2014 against South Africa and 2nd in one day international. 3. Harpreet Singh, Manjinder Singh, Gurpreet Singh, Ranbir Singh, Harminder Singh and Ravinder Singh of Baseball selected for world university game going to be held at USA.
2015-16	<ol style="list-style-type: none"> 1. Snehal Diwakar (Archery Recurve) bagged silver medal in Sr. National held at U.P. 2. Manjot Singh & Ajay Kumar (Taekwondo) bagged gold medal each in Jr. National held at Jaipur on Oct 02, 2015. 3. Parveen Kumar of shooting bagged 2 gold and 1 silver in Sr. National held at New Delhi. 4. Anubhav Partap of shooting bagged 2 Gold and 1 silver in Sr. National held at Gurgaon from March 10-21, 2016. 5. Anant Shivam of shooting bagged 1 silver in Sr. National held at Jaipur from Dec. 1-15, 2015. 6. Hunardeep Singh of shooting bagged gold medal in national. 7. Shyam sunder of cycling bagged a Bronze medal in Sr. National 	<ol style="list-style-type: none"> 1. Sneh Rana of cricket (women) team won championship at T-20 tournament against Newzealand held at Bangalore from June 28-July 8, 2015. 2. Snehal Diwakar of Archery participated in world cup held at China from 3rd to May 11, 2015 & world cup held at Turkey from May 24-June 2, 2015. She also selected for world University games to be held on June 1-5, 2016 at Mongolia. 3. Gagandeep Singh of Kabaddi P/S won silver medal at Asian Circle style championship held at Islamabad, Pakistan from May 01-06, 2016.

Year	National	International
	<p>held at Kerala from Jan. 24-27, 2016 and silver medal in Jr. national</p> <p>8. Anil manglow bagged of cycling silver medal in Jr. National in team and 1 in individual.</p> <p>9. Ranbir singh and Manjot singh of softball bagged gold in federation cup held at</p> <p>10. Sushil singh of kayaking bagged one silver medal in C1 25 K.M. event in sr. national held at M.P on March 12-14, 2016. and bagged one bronze medal in Caneo polo in sr. national held at Indore on March 15-16, 2016.</p> <p>Amandeep kaur of fencing (team) bagged bronze medal in Sr. national</p>	
2016-17	<ol style="list-style-type: none"> 1. Deepak, Amit Arya, Ajit, Akshay Kumar, Rupit, sushil Patel, Ankur Dubey, Parveen Kumar of Water Sports bagged Gold Medal in Dragon Boat (200mt.) & Amit Arya, Ajit, Rupit, sushil Patel, Ankur Dubey, Parveen Kumar bagged Bronze Medal in Dragon Boat (500mt.) in Senior National held at Delhi on Nov. 17-20, 2016. 2. Deepak of kayaking won K2 1000 Mtr Bronze, K2 500 Mtr Silver & K2 200 Mtr Bronze medal in senior national held at A.P. on Jan 9-13, 2017. 3. Shyam sunder of cycling won bronze medal in Senior National 4. Karanpartap Singh, Shooting Pistol team gold at Pune on Dec 11-27, 2017 5. Rishab Jhangra of Basketball bagged bronze medal in senior national held at Pondicherry. 6. Th. Kabita Devi of Fencing bagged gold medal in senior national. 7. Lovepreet Singh of Fencing bagged silver medal in senior national 8. Bindu Devi won 1 Individual gold medal and 1 team gold medal at Sr. National held at Chattisgarh. 9. Akhila Anil won 1 team silver Sr. National held at Chattisgarh 	<ol style="list-style-type: none"> 1. Abhijeet of Cycling bagged silver medal in Jr.Asia Cup held at Delhi on Sept. 14-16, 2016. 2. Ajay Kumar of Handball won gold medal in south Asian championship held at Dhaka, Bangladesh and selected for Junior world cup. He also participated in 15th Jr. men championship held at Jordan, Oman. 3. Snehal diwakar of Archery (Recurve) participated in World University games held at magnolia. 4. Indra chand swami of Archery (Recurve) bagged Bronze in 2nd Junior Asia cup held at Tepee, China on Sept. 7-14, 2016.

Year	National	International
	10. Nisha Dominic won 1 team silver Sr. National held at Chattisgarh 11. Awti Raj P.K won 1 team silver Sr. National held at Chattisgarh 12. Radhika P. Aswati won 1 Individual silver and 1 team silver at Sr. National held at Chattisgarh 13. Anant Shivam of shooting won Gold (Team) in trap shooting in Sr. National. 14. Anubhav Partap of shooting won Bronze (Team) in Pron Rifle in Sr. National. 15. Jasleen Singh Saini of judo won gold medal in Sr, national held at Chennai. 16. Sukhpal Kaur of judo won Bronze medal in Sr, national held at Chennai.	

20. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

Nil

21. Student profile course-wise:

Name of Course	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
2012-13					
B.A.	129	126	03	100	100
2013-14					
B.A.	176	175	01	100	100
2014-15					
B.A.	365	338	27	99	100
2015-16					
B.A.	396	368	28	100	100

22. Diversity of Students

Name of the Course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
2012-13	55	42	3	Nil
2013-14	52	45	3	Nil
2014-15	56	40	4	Nil
2015-16	50	46	4	Nil
2016-17	52	43	3	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? Nil

24. Student progression: N.A.

Student progression		Percentage against enrolled
UG to PG	2012-13	30
	2013-14	25
	2014-15	25
	2015-16	35
	2016-17	30
PG to M.Phil.		Nil
PG to Ph.D.		Nil
Ph.D. to Post-Doctoral		Nil
Employed		
• Campus selection		
• Other than campus recruitment		20
Entrepreneurs		Nil

25. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	75
From other universities within the State	25
From other universities from other States	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. 01

27. Present details about infrastructural facilities

S.No.	Facility	Details
a)	Library	Books:312
b)	Internet Facilities for Staff and Students	Yes
c)	Total number of class rooms	---
d)	Class rooms with ICT facility	--
e)	Students' Laboratories	14 (Cricket, Baseball, Cemented Basketball Court, 400 mts. Athletic Track, Football, Hockey, Handball, Volleyball, Softball, Boxing Ring, Netball, Multipurpose Hall, Kabaddi, Swimming Pool.
f)	Research Laboratory with ICT facility	-

28. Number of students of the department getting financial assistance from College

Year	No. of Students
2011-12	120
2012-13	125
2013-14	140
2014-15	335
2015-16	430
2016-17	513

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Diploma in Gatka: one year program (Two Semesters) started from the session 2016-17. Keeping in view the interest and enthusiasm of students in the ancient martial art Gatka, the program was designed after intense consideration and consultation with the experts in this field. A memorandum of understanding was signed between Khalsa College Amritsar and a renowned NGO “Sarbat Da Bhala” with the help of Managing Committee to admit a group of 50 students each year. As per conditions of MOU 75% of the total expenses are borne by the Sarbat Da Bhala trust and remaining 25% expenses are being bear by the College.

30. Does the department obtain feedback from:

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The feedback of the faculty on curriculum as well as teaching-learning evaluation is obtained holding staff meetings each month and making deliberations in departmental meetings.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The department obtained feedback of students on curriculum as well teaching-learning evaluation by having Periodic interaction of teachers with students in classrooms and through tutorial groups.

(c) Alumni and employers on the programmes and what is the response of the department to the same?

The department seeks opinion of alumni for he betterment of academic and infrastructure during alumni meet.

31. List the distinguished alumni of the department (maximum 10):

S.No.	Name	Game	Achievement
1.	S. Balbir Singh Sr.	Hockey	Padmashree Awardee
2.	S. Bahadur Singh	Athletics	Padmashree Awardee
3.	S. Kartar Singh	Wrestling	Padmashree Awardee
4.	S. Bishan Singh Bedi	Cricket	Padmashree Awardee
5.	Shri Parveen Kumar	Athletics	Arjuna Awardee
6.	S. Gurbhachan Singh Randhawa	Athletics	Olympian
7.	S. Gurcharan Singh Randhawa	Athletics	International
8.	S. Balwinder Singh Shammi	Hockey	Olympian
9.	S. Gurbaksh Singh	Volleyball	Arjuna Awardee
10.	S. Balwinder Singh	Athletics	Arjuna Awardee

32. Give details of student enrichment programmes (special lectures/workshops/seminar) with external experts.

Special care is being taken to train students in their games by hiring expert coaches and players are motivated to participate in various competitions and events.

33. List the teaching methods adopted by the faculty for different programmes.

Lecture Method, Demonstration Method, Group discussion, observation in classroom. Practical in grounds by teaching faculty and experienced coaches

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Constantly evaluation of objectives in monthly faculty meetings.

35. Highlight the participation of students and faculty in extension activities.

- Diwali Tournament
- Department organized a Khalsa inter college Diwali tournament on Nov.2-7, 2015. Total 8 colleges of Khalsa institutes participated in this tournament. Different sports events like Athletics, Cricket, Basketball, Badminton and Volleyball were conducted for both boys and girls.
- Department organized a Khalsa inter college Diwali tournament on Oct 22-28, 2016. Total 8 colleges of Khalsa institutes participated in this tournament. Different sports events like Athletics, Cricket, Basketball, Badminton and Volleyball were conducted for both boys and girls.

Sports Day

- Department organized 97th Annual Sports Day on March 10, 2016, whereas 40 events (Athletics and recreational) were conducted both for staff and students. Dr. Mehal Singh, Principal inaugurated the function. Sh. Rajinder Mohan Singh Ji Chhina was the Chief Guest on this event.
- Department organized 98th Annual Sports Day on Feb 24, 2017, whereas 17 events (Athletics and recreational) were conducted both for staff and students.

Prize Distribution Function

- Department organized Annual Sports Prize Distribution Function on 6th April 2016, in which more than 125 outstanding players were honored. Padamshri S. Balbir Singh Sr. was the Chief Guest on this Function and Sh. Rajinder Mohan Singh Ji Chhina presided over the function.

36. Give details of “beyond syllabus scholarly activities” of the department.

Department prepare students to participate in various Inter college, Intersarsity, State, National and international tournaments.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. Nil

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths	Weaknesses
<ol style="list-style-type: none">1. Well established and reputed Department, have produced many Olympians.2. Offers vast number of Games.3. Have excellent Grounds and other infrastructure facilities.4. Enriched and dedicated faculty.5. Free boarding and lodging facility for sports persons.	<ol style="list-style-type: none">1. Lack of regular staff.2. Academically weak Sportspersons as most of sports students are not very serious towards studies.3. Non availability of data entry operator.4. Lack of sufficient time in Semester system.5. Use of modern gadgets adversely affects sports performance.
Opportunities	Challenges
<ol style="list-style-type: none">1. To start new certificate course.2. To promote more games in the department.3. Improvement of infrastructure and ground facilities.4. To arrange special classes for sportsperson.5. Encourage participation of girl students in sports especially in self-defense activities	<ol style="list-style-type: none">1. To establish modern infrastructure for sports.2. To attract and retain sportsperson repute.3. To encourage students for mass participation in sports.4. To prepare students for participation at national and international level.5. To retain experienced faculty and coaches.

39. Future plans of the department.

- To introduce add-on courses such as certificate course in Yoga.
- Health Education Programs.
- To promote research activities in the department.
- To establish Departmental Library.
- To organize National Seminars/ Conferences.

Evaluative Report of P.G. Department of Physics

1	Name of the Department	P.G. Department of Physics	
	Year of Establishment	1928	
2	Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	<ul style="list-style-type: none"> M.Sc.(Physics)
		UG Courses	<ul style="list-style-type: none"> B.Sc. (Hons.) Physics B.Sc. (Non Medical) B.Sc. (Computer Science)
3	Interdisciplinary courses and departments involved:	B.Sc. (Hons.) Physics (Psychology, Geography, Sociology, Philosophy)	
4	Annual/semester/ choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	B.Sc. (Hons.) Chemistry	

6. Number of teaching post sanctioned and filled:

Teaching Post	Sanctioned	Filled
Professor	----	----
Associate Professor	03	03
Assistant Professor	13	09+4*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, experience and Ph.D/M.Phil. Students guided in the last four years.

Regular Faculty

S.No.	Name	Designation	Academic Qualification	Specialization	No. of years of Experience	No. of Ph.D students guided in the last 4 years
1.	Dr. (Ms.) Harvinder Kaur	Head & Associate Professor	M.Sc., M.Phil., Ph.D.	Theoretical Plasma Physics	25	-
2.	Dr. Taminder Singh	Associate Professor	M.Sc.(Hons.), M.Phil., Ph.D.	Material Science/Solid State Physics	24	One
3.	Dr. Gurpartap Singh	Associate Professor	M.Sc., M.Phil., Ph.D.	Nuclear Tracks in Solids	19	-
4.	Ms. Gursharan Kaur	Assistant Professor	M.Sc. (Hons.) M.Phil.	Material Science	19	-

S.No.	Name	Designation	Academic Qualification	Specialization	No. of years of Experience	No. of Ph.D students guided in the last 4 years
5.	Dr.(Ms.) Sanjit Amrita Kaur	Assistant Professor	M.Sc.(Hons), M.Phil., Ph.D.	Nuclear Tracks and Technology	17	-
6.	Dr.Iqbal Singh	Assistant Professor	M.Sc., Ph.D.	Material Science	10	-
7.	Dr. Mohan Singh	Assistant Professor	M.Sc., Ph.D.	Radiation & Material Science	11	-
8.	Dr. Gurinderpal Singh	Assistant Professor	M.Sc., Ph.D.	Borate Glasses	11	-
9.	Dr. Joga Singh	Assistant Professor	M.Sc., Ph.D.	Radiation Physics	11	-
10.	Dr. Rajan Saini	Assistant Professor	M.Sc.(Hons), Ph.D.	Material Science	1	-
11.	Dr. Kamalpreet Kaur	Assistant Professor	M.Sc.(Hons), Ph.D.	Material Science	3	-
12.	Dr. Parvinder Kaur	Assistant Professor	M.Sc.(Hons), Ph.D.	Rare Earth and Borate Glasses	--	-
Adhoc Faculty						
1.	Ms. Daljeet Kaur	Assistant Professor	M.Sc.	-	2	-
2.	Mr. Rajkaran Singh	Assistant Professor	M.Sc.	-	2	-
3.	Ms. Ramanpreet Kaur	Assistant Professor	M.Sc.	-	2	-
4.	Mrs. Vanita Narang	Assistant Professor	M.Sc., M.Phil	-	6	-

8. Percentage of the classes taken by temporary faculty-programme-wise:

S.No.	Class	2012-2013		2013-2014		2014-2015		2015-2016		2016-2017	
		Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr
1.	M.Sc.	Nil	50	25	Nil	25	50	25	50	Nil	Nil
2.	B.Sc.	61	52	48	63	62	76	66	81	33	37
3.	B.Sc.(Hons)Phy	-	-	-	-	-	-	-	-	-	50

9. Programme wise Student Teachers Ratio:

Class	2012-13		2013-14		2014-15		2015-16		2016-17	
	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical	Theory	Practical
M.Sc. I	07: 1	07: 1	07: 1	07: 1	07:1	07: 1	08: 1	08: 1	08: 1	08: 1
M.Sc. II	06: 1	06: 1	07: 1	07: 1	07: 1	07: 1	07: 1	07: 1	08: 1	08: 1
B.Sc. I	36: 1	27: 1	39: 1	26: 1	35:1	23: 1	28: 1	21: 1	25: 1	19: 1
B.Sc. II	12: 1	25: 1	42: 1	28: 1	32: 1	21: 1	26: 1	20: 1	22: 1	16: 1
B.Sc. III	15: 1	18: 1	24: 1	24: 1	38: 1	25: 1	31: 1	23: 1	25: 1	18: 1

10. Number of academic support staff (technical) and administrative staff:

	Sanctioned	Filled
SLA	01	01
Mechanic	01	00
DEO	01	01
J.L.A	04	00
L.A.	08	08
Sweeper	02	02

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grant received

a) National

Dr. Iqbal Singh & Mrs. Gursharan Kaur

Title: Study of properties of Nanocrystalline CuO

Duration: 1.5 years **Agency:** UGC

Amount: Rs.1,55,000/- (Completed)

a) National

Dr. Iqbal Singh

Title: Solar Photon capturing properties of metal oxide matrix

Duration: 2 years **Agency :**UGC

Amount Rs. 4.99 lacs (Sanctioned)

12. Departmental Projects funded by DST-FIST, DBT, ICSSR etc. Total grant received

An amount of Rs.12.1 lacs (2006-16) has been spent out of grant sanctioned by University Grants Commission, New Delhi under CPE scheme.

13. Research facility /centre with State recognition/ national recognition/ international recognition

The affiliating university does not allow to establish the research centre.

14. Publications:

Teacher's Name	No. of papers published in peer reviewed International Journals	No. of papers published in peer reviewed National Journals	Mono graphs	Editing Books	Books with ISBN number with details of publisher	Number listed in International Database	Citation Index Range/ Average	SNIP	SJR	Impact Factor Range/ Average	h-index
Dr. Harvinder Kaur	01	01	--	--	--	7101977785	255/12.75	--	--	--	9
Dr. Taminder Singh	05	20	--	--	04 Vishal Publishing Co.	7403106042	26/5.2	1.097	0.693	0.2-1.759	2
Dr. Gurpratap Singh	--	02	02	--	--	--	--	--	--	--	--
Prof. Gursharan Kaur	01	02	--	--	01	--	--	--	--	2.112	--
Dr. Sanjit Amrita Kaur	01	03	--	--	--	--	46/5.1	1.22	0.866	12.92/4.3	4
Dr. Iqbal Singh	04	02	--	01	01	35235040500	117/9.75	--	--	--	5
Dr. Mohan Singh	13	01	--	--	--	--	--	1.035	0.740	0.766-2.288/1.228	7
Dr. Joga Singh	01	02	--	--	--	--	--	1.236	0.648	1.679	8
Dr. Gurinder Pal Singh	21	03	----	--	--	--	--	1.642	1.091	0.96-2.99/1.39	12
Dr. Kamalpreet KhunKhun	02	01	--	01	01	35292573200	35/8.75	1.389	1.039	4.68/2.34	03
Dr. Rajan Saini	04	03	--	--	--	36134812700	32/6.4	1.365	1.029	13.64/3.41	04
Dr. Parvinder Kaur	18	02	--	--	--	--	--	1.534	1.062	0.96-2.99/1.39	11

15. Detail of patents and income generated Nil

16. Areas of consultancy and income generated Nil

17. Faculty recharging strategies:

The faculty members attend seminars, conferences, refresher courses etc, conducted by the various Institutions and Universities. The faculty members also present their research work in the National and International seminars and conferences. Invited talks, workshops and National Conferences are also organized by the department occasionally.

18. Student projects:

a) Percentage of students who have done in-house projects including interdepartmental:

Session	No. of students	Percentage
2015-16	34	100

19. Awards/recognitions received at national and international level Nil

20. Seminar/ conferences/ workshops organized and source of funding (national/international) with details of outstanding participants, if any

S.No.	Title of activity	Resource Person	Date	Details of Outstanding Participants	Funding Agency
1.	One day workshop on Use of spread Sheet in Physics Education	Dr. D. P. Singh, Associate Professor , Guru Nanak Dev University, Amritsar	Oct.19, 2012	UG Students	Self funding
2.	83 rd National Workshop on Radiochemistry and Applications of Radioisotopes	Dr. K L Ramakumar, Director, Radiochemistry & isotope Group Dr. A. V. R. Reddy, Head, Analytical Chemistry Division, Dr. Sarabjit Singh, Coordinator, Dr. Veena Sagar Practical Coordinator, Dr. K. V. Chetty, Sh. Amol Mhatre, Sh. Abhishek Kumar Sharma and Sh. J. R. Kale, BARC, Mumbai	Sept. 21-28, 2013	collaboration with Indian Association of Nuclear Chemists and Allied Scientists, Bhabha Atomic Research Centre, Mumbai 56 Participant	Board of Research in Nuclear Sciences, Department of Atomic Energy, BARC, Mumbai
3.	One day National Conference on Current Advances in Physical Sciences CAPS-15	Dr. R K Bedi, Dr. Atul Khanna and Dr. Aman Mahajan. Department of Physics, Guru Nanak Dev University, Amritsar	Mar 11, 2015	107 Participant	Self funding
4.	One day workshop on “Experiment in Physics”	Prof Arvind and Dr. Paramdeep Singh Indian Institute of Education and Research, Mohali	Feb. 20, 2016	collaboration with Indian Institute of Education and Research, Mohali 133 participants	Self funding
5.	2 nd National conference on “Current Advances in Physical Sciences” CAPS-2016	Dr. Sandeep Chopra, Inter University Accelerator Centre, New Delhi, Dr. R K Bedi, Dr. Ravi Chand Singh and Dr. Aman Mahajan. Department of Physics, Guru Nanak Dev University, Amritsar	Feb. 28, 2016	104 participants	Self funding
6.	One day workshop on “Radiation Detectors”	Dr. Sarbjit Singh Ex. Scientific Officer Bhabha Atomic Research Centre Mumbai	Sept. 09, 2016	All the PG students and B.Sc. Sem v	Self funding

S.No.	Title of activity	Resource Person	Date	Details of Outstanding Participants	Funding Agency
7.	One day National Workshop on “Radioactivity and its Applications”	Dr. P.C. Kalsi, Dr. Sarabjeet Singh BARC Mumbai	March 28, 2017	160 participants from different institutions	sponsored by IANCAS, BARC Mumbai

21. Student profile course-wise:

Name of the Course	Application received	Selected		Pass Percentage	
		Male	Female	Male	Female
2012-13					
B.Sc. I	212	97	93	54.80	52.54
B.Sc. II	76	33	40	96.96	95.00
B.Sc. III	94	34	56	85.29	96.42
M.Sc. I (Physics)	59	02	28	100	100
M.Sc. II(Physics)	25	03	22	100	100
2013-14					
B.Sc. I	224	89	115	80.89	80.00
B.Sc. II	167	82	68	93.90	92.64
B.Sc. III	72	34	38	100	100
M.Sc. I(Physics)	78	00	30	00	82.75
M.Sc. II(Physics)	30	02	28	100	100
2014-15					
B.Sc. I	191	74	92	81.08	84.78
B.Sc. II	187	88	99	79.50	94.94
B.Sc. III	155	82	73	93.90	98.63
M.Sc I(Physics)	105	02	27	100	88.89
M.Sc II(Physics)	29	00	29	00	86.21
2015-16					
B.Sc. I	168	55	94	56.36	72.34
B.Sc. II	161	67	87	50.74	68.96
B.Sc. III	182	78	104	73.07	76.92
M.Sc. I(Physics)	193	02	33	100	96.96
M.Sc. II(Physics)	29	02	27	100	96.29

22. Diversity of Students:

Session	M.Sc. Physics					B.Sc. (Hons.) Physics
	2012-13	2013-14	2014-15	2015-16	2016-17	2016-17
% of the students from the college	10.34	0.00	16.67	42.86	22.86	0.00
% of the students from the state	65.52	73.33	70.00	28.57	74.28	91.66
% of the students from other States	27.59	26.67	13.33	28.57	2.86	4.17
% of the students from other country	0.00	0.00	0.00	0.00	0.00	4.17

23. How many students have cleared civil services, defense services, NET, SLET, GATE and other competitive examinations:

Civil Services	Defense Services	NET	SLET	GATE	Other Competitions
----	01	01	--	02	02

Number of students after passing out their UG and PG courses qualify the various exams for higher studies as well as for employment in Govt. and Private sector

24. Student Progression:

Student Progression	Percentage against enrolled
UG to PG	62.5
PG to M.Phil.	-
PG to PhD	10
Ph.D to Post Doctoral Employed	-
Campus selection	-
Other than campus selection	33.33

25. Diversity of staff:

Percentage of faculty who are graduate	
Of the same parent university	91.66
From other university within the State	08.33
From other university from other states	0

26. Number of faculty who were awarded Ph.D. /D.Sc. /D. Litt. during the academic period: 01 (Dr. Iqbal Singh) Ph.D.

27. Present detail of the infrastructural facilities

Library	No. of Books: 3953, Journals:05
Internet facilities for staff and student	Yes
Total Number of Classrooms	08
Classroom with ICT facility	01
Student laboratories	10+01(Computer lab.)
Research	04

28. Number of students of the department getting financial assistance from the college:

Class	College	Govt.	Total
B.Sc. (Non Medical)	51	40	91
M.Sc. Physics	04	13	17

29. Was any need assessment exercise undertaken before the development of new programmes:

Prior to introduction of new program in the curriculum, departmental meetings pertaining to development of courses syllabi in accordance with UGC NET and other main universities were conducted on regular basis. The aim was to create new opportunities for students and ensure their development to make them competent with students from other universities and competitive exams. The outcome of the comprehensive discussions, suggestions, and expert views of the members were then finalized in Board of studies meeting.

30. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize it

- The course curriculum has been developed keeping in view the feedback obtained from teachers on curriculum and teaching learning evaluation. The department has keenly studied the problems and suggestions given by them and has implemented these for smooth running of the programmes.

b) Students on staff, curriculum as well as teaching-learning evaluation and what is the response of the department to the same?

- Extensive staff discussions on feedback by students or staff on curriculum as well as teaching learning evaluation is being conducted from time to time. Expert views on feasible changes in teaching method, curriculum and evaluation, are collected. The outcomes of these discussions are implemented in Board of studies (BOS) meetings.

c) Alumni and employers on the programme and what is the response of the department to the same?

- Feedback was also sought from college alumni by providing them details of the course programmes and their aims and objectives. Suggestions related to improvement in curriculum and possibilities for creation of new opportunities for students were discussed with the members of BOS and implemented accordingly.

31. List of Distinguished alumni of the department

S.No.	Name	Status
1.	S. Jaswant Singh Gill	Retd. Engineer in Chief
2.	S Saroop Singh Dhatt	Redt. IPS
3.	Col. Mangat Shankar	Retd Colonel
4.	S. Hardeep Singh Rakhra	Redt. Dy. Chief E.ngg. NFL
5.	Dr. Avtar Singh Padda	Formally Principal GMC, Amritsar
6.	Dr. Baljeet Singh Dhillon	Retd. Professor and Head, SGDR IMS Amritsar
7.	Prof. Ravi Chand Singh	Retd. Head & Prof.
8.	Dr. Gurjit Singh Dhaliwal	Medical Officer Civil Hospital Amritsar
9.	Prof. Arvind	Professor
10.	Dr. Paramdeep Singh Chandi	Scientific Officer

32. Give the details of student enrichment programmes (special lectures/ workshop/ seminar) with external expert

Event	Theme	Date	Resource Person	Funding Agency	Remark
2011-12					
Seminar	Nanotechnology Challenge for Researchers & Technocrats	Nov 11, 2011	Dr. H. S. Bhatti Dean Physical Sciences, Prof. & Head, Physics Department,	Self finance	-

Event	Theme	Date	Resource Person	Funding Agency	Remark
			Punjabi University, Patiala		
Seminar	Use of spread Sheet in Physics Education	2011	Dr. D. P. Singh Associate Professor, GNDU, Amritsar	Self finance	-
2012-13					
Lecture	Exciting Physics: Carrier Opportunity for Physics Graduates	Sept. 14, 2012	Dr. Atul Khanna Associate Professor, GNDU, Amritsar	Self finance	-
National Science Day	Cleaner Energy Options & Nuclear Safety	Oct 30, 2012	Dr. Atul Khanna Associate Professor, GNDU, Amritsar	Punjab State Council of Science & Technology, Chandigarh	Third Prize in Poster Presentation by Vinay and Ranjodh Singh of M SC. (Phy) SemIII Second Prize in Quiz competition Ranjodh Singh M Sc.(Phy) Sem III, Harmanpreet Kaur M Sc.(Phy) SemI Sandeep Kaur B.Sc.II
2013-14					
National Science Day	Genetically Modified Crops and Food Security	Nov. 7, 2013	Dr. Avinash Nagpal Associate Professor, Dept.of Botany, GNDU, Amritsar	Punjab State Council of Science & Technology, Chandigarh	-
2014-15					
National Science Day	Scientific Temperament & Quiz and Poster Competition	Oct 30, 2014	Prof. S S Hundal Department of Zoology, PAU, Ludhiana Prof.Ravi Chand Dept. of Physics, GNDU, Amritsar	Punjab State Council of Science & Technology, Chandigarh	-
National Science Day	Nation Building	Feb 28, 2015	Prof. Sukhdev Singh, Dr. Vandana Bhalla, Dept. of Zoology, PAU Ludhiana, Dept. of Physics, GNDU, Amritsar	Punjab State Council of Science & Technology, Chandigarh	Two students of department (Sharmeen and Gagandeep) participated in the declamation contest on Boon and Bane and stood second
Guest lecture	Radiation Hazard	Mar 20, 2015	Dr. K. S. Thind Former Head, GNDU, Amritsar	Self finance	-
2015-16					
National Science Day	Make in India, Science and Technology driven innovations	Mar 1, 2016	-	Punjab State Council of Science & Technology, Chandigarh	-
2016-17					
Guest Lecture	Raman and His Effect	Oct. 26, 2016	Dr. Atul Khanna GNDU, Amritsar	Self finance	-

33. List the teaching methods adopted by faculty for different programmes:

➤ **Undergraduate Level;**

Demonstrations, assignments are being practiced in addition to the conventional methods of classroom teaching.

➤ **Post graduate Level:**

Power point presentation, assignments working models are being practiced in addition to the conventional methods of classroom teaching.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Monitoring of learning outcomes is done through the regular analysis of feedback collected from the students with regard to their placement in different sectors related to teaching, research, industry etc.. This ensures that the programme objectives are constantly met.

35. Highlights the participation of students and faculty in extension activities:

All the PG Students and faculty members participated actively in the extension activities in the form of organizing/participating the quiz , Poster and declamation competition, workshop, seminar etc. in the department, inter department and other institutions

36. Give the details of “beyond syllabus scholarly activities of the department:

The scholarly activities of the department are conducted by the departmental Homi bhabha Physics Society which is constituted by the both UG and PG student members and teachers. The society organizes various quiz competitions, declamation, power point presentation, poster competition etc. which go a long way in creating interest and awareness for physics among the students. All these programmes are organized by the students which is helpful in the personality development of the student.

37. State whether the programme/department is accredited/graded by other agencies. Give details

- STAR status by DBT
- CPE status by UGC

38. Details of any five strengths, weakness, opportunities and challenges of the department

Strengths	Weaknesses
1. Established in 1928, one of the oldest science department in the region. Has been conferred Star status by DBT and CPE status by UGC.	1. Dearth of sufficient regular teaching, non teaching faculty.
2. Well qualified faculty with eleven Ph.D. and one M.Phil. holders.	2. Lack of research centre due to affiliating university policies.
3. Well equipped laboratories with all the necessary instruments to cater to the needs of both UG and PG classes.	3. Lack of collaboration with industry/research institutions.
4. Well stocked departmental library with rare and recent books and journals.	4. Lesser number of students qualifying UGC-NET exam.
	5. More number of smart rooms is required.

5. Organizes several workshops/seminars with the association with BARC Mumbai and IISER Chandigarh.	
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To upgrade the syllabus as per global needs. 2. To start the courses in Physics 3. Organizing International conferences. 4. To update the laboratories with latest and advanced equipments 5. To collaborate with institutes/Universities of repute 	<ol style="list-style-type: none"> 1. To update research facilities. 2. To prepare the students for UGC/NET and other competitive examinations. 3. To motivate the students for higher studies and research. 4. Competition with the two adjoining universities. 5. Lacking of knowledge of science at the entry level of UG.

39. Future Plan of the Department

- Modernization of laboratories/classrooms.
- To organize National/ International conferences.
- To organize educational/ industrial tours.
- Assign short term projects to the students.
- Motivate students to participate in the debates/ declamation and quiz competitions.
- Holding of Inter-Departmental seminars to encourage multi-disciplinary understanding.
- To promote the use of latest techniques in teaching.

Evaluative Report of P.G. Department of Physiotherapy

1	Name of the Department	P.G. Department of Physiotherapy	
	Year of Establishment	1998	
2	Names of Programmes/ Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG courses	<ul style="list-style-type: none"> Master of Physiotherapy (Cardiopulmonary)
		UG courses	<ul style="list-style-type: none"> Bachelor of Physiotherapy
3	Interdisciplinary courses and departments involved	<p>BPT-I: Sociology (English Dept.), Biochemistry (Biochemistry Dept.), Punjabi (Punjabi Dept.)</p> <p>BPT-II: EVS (Botany Dept.), Psychology (Psychology Dept.)</p> <p>BPT-III: Research Methodology and Biostatistics (Economics Dept.)</p> <p>BPT-IV: Computer Applications (Computer Science Dept.)</p> <p>MPT-I: Research Methodology and Biostatistics (Economics Dept.)</p>	
4	Annual/ semester/choice based credit system	UG Program (BPT) - Annual System PG Program (MPT) - Semester System	
5	Participation of the department in the courses offered by other departments	--	

6. Number of Teaching posts sanctioned and filled

Teaching Posts	Sanctioned	Filled
Professor	--	--
Associate Professors	1	Nil
Assistant Professors	09	09*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc. /D.Litt. /Ph.D. / M.Phil. etc.)

S. No.	Name of the teacher	Academic Qualification	Designation	Specialization	No. of Years of Experience	No. of PhD students guided in the last 4 years
1	Dr. Davinder Kaur Dhillon	Master of Physiotherapy	HOD and Assistant Professor	Cardiopulmonary	07	Nil
2	Dr. Kawaldeep Kaur	Master of Physiotherapy	Assistant Professor	Musculoskeletal	01	Nil
3	Dr. Harneet Kaur	Master of Physiotherapy	Assistant Professor	Cardiopulmonary	02	Nil
4	Dr. Navneet Kaur	Master of Physiotherapy	Assistant Professor	Sports Medicine	07	Nil
5	Dr. Kirandeep Kaur	Master of Physiotherapy	Assistant Professor	Sports Medicine	03	Nil
6	Dr. Bhupinder Jit Kaur	Master of Physiotherapy	Assistant Professor	Neurology	02	Nil
7	Dr. Manika Saxena	Master of Physiotherapy	Assistant Professor	Neurology	03	Nil
8	Dr. Jatinderpal Kaur	Master of Physiotherapy	Assistant Professor	Neurology	05	Nil
9	Dr. Manu Vishist	Master of Physiotherapy	Assistant Professor	Cardiopulmonary	01	Nil

8. Percentage of classes taken by temporary faculty-programme-wise information:

Percentage of classes taken by temporary faculty					
Class	2012-13	2013-14	2014-15	2015-16	2016-17
BPT	57.14	85.71	75	71.42	66.66
MPT	-	-	-	Nil	33.33

9. Programme-wise Student Teacher Ratio:

Programme	Session	Student: Teacher Ratio
BPT	2012-2013	11:1
	2013-2014	12:1
	2014-2015	14:1
	2015-2016	12:1
	2016-2017	14:1
MPT	2015-2016	1:1
	2016-2017	1:1

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

Year	Post sanctioned	Filled
2016	(Clerk) 01	01

11. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise: Nil

12. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

13. Research facility/centre with: Nil

- State recognition
- National recognition
- International recognition

14. Publications:

S.No.	Name of faculty	Papers Published		Monographs	Chapter(s) in Books	Editing Books	Books with ISBN No.	No. Listed in International Data Base	Citation Index	SNIP	SJR	Impact Factor Range	h- Index
		International	National										
1	Dr.Davinder Kaur Dhillon	0	6	-	-	-	-	-	-	-	-	-	-
2.	Dr.Kawaldeep Kaur	1	0	-	-	-	-	-	-	-	-	-	-
3.	Dr.Harneet Kaur	0	2	-	-	-	-	-	-	-	-	-	-
4.	Dr. Navneet Kaur	0	0	-	-	-	-	-	-	-	-	-	-
5.	Dr.Kirandeep Kaur	0	1	-	-	-	-	-	-	-	-	-	-
6.	Dr.Bhupinderjit Kaur	0	1	-	-	-	-	-	-	-	-	-	-
7.	Dr. Manika Saxena	0	0	-	-	-	-	-	-	-	-	-	-
8.	Dr.Jatinderpal Kaur	0	1	-	-	-	-	-	-	-	-	-	-
9.	Manu Vishist	0	0	-	-	-	-	-	-	-	-	-	-
	Total	1	11	-	-	-	-	-	-	-	-	-	-

15. Details of patents and income generated: Nil

16. Areas of consultancy and income generated:

The department is running a charitable O.P.D. where the patients get consultation from specialized physiotherapists regarding their physical problems at nominal charges.

Session	No. of Patients Consulted	Income Generated (Rupees)
2012-2013	5215	52,150/-
2013-2014	5749	57,490/-
2014-2015	5908	59,080/-
2015-2016	6109	1,20,630/-
2016-2017	4018	92350/-
1 st July 2016 till 3 rd March 2017		

17. Faculty recharging strategies:

The faculty keeps updating itself by attending general orientation programme, seminars, workshops and Faculty development programme (UGC sponsored) from time to time.

18. Student projects

a) Percentage of students who have done in-house projects including inter departmental:

Percentage of students who have done in-house projects					
Session	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
BPT	36	28	21	12	18
MPT	--	--	--	100	100

b) Percentage of students doing projects in collaboration with industries/institutes: Nil

19. Awards / Recognitions received at national and international level by:

Nil

- Faculty
- Doctoral/post doctoral fellows
- Students

20. Seminars/Conferences/Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any.

Activity	Title	Resource Person	Date	Funding Agency
Workshop	Cardiopulmonary Resuscitation.	Ranbir Singh	Oct 23, 2013	Self Funding
Seminar	Recent Advancements in Knee Replacement	Dr. Avtar Singh	Sept 23, 2014	Self Funding

21. Student profile course-wise:

Name of Course	Applications Received	Selected			Total Pass Percentage
		Male	Female	Total	
2011-12					
B.P.T.-I Yr.	32	09	20	29	50
B.P.T.-II Yr.		01	16	17	46.66
B.P.T.-III Yr.		02	13	15	73.73
B.P.T.-IV Yr.		05	17	22	72.27
2012-13					
B.P.T.-I Yr.	48	05	34	39	53.12
B.P.T.-II Yr.		02	11	13	92.85
B.P.T.-III Yr.		01	13	14	100.00
B.P.T.-IV Yr.		02	15	17	100.00
2013-14					
B.P.T.-I Yr.	66	12	47	59	68.18
B.P.T.-II Yr.		02	10	12	100.00
B.P.T.-III Yr.		02	13	15	100.00
B.P.T.-IV Yr.		02	14	16	100.00
2014-15					
B.P.T.-I Yr.	77	14	54	68	47.27
B.P.T.-II Yr.		09	24	33	82.75

Name of Course	Applications Received	Selected			Total Pass Percentage
		Male	Female	Total	
2011-12					
B.P.T.-I Yr.	32	09	20	29	50
B.P.T.-II Yr.		01	16	17	46.66
B.P.T.-III Yr.		02	13	15	73.73
B.P.T.-IV Yr.		05	17	22	72.27
B.P.T.-III Yr.		02	12	14	100.00
B.P.T.-IV Yr.		02	13	15	100.00
2015-16					
B.P.T.-I Yr.	78	06	54	60	69.04
B.P.T.-II Yr.		05	21	26	96.42
B.P.T.-III Yr.		07	19	26	100.00
B.P.T.-IV Yr.		02	13	15	100.00
M.P.T.-I Sem.		-	02	02	100.00
M.P.T.-II Sem.			02	02	50.00

22. Diversity of Students

Name of the Course	Session	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
BPT	2012-2013	Nil	96	4	Nil
BPT	2013-2014	Nil	96	3	1
BPT	2014-2015	Nil	97	2	1
BPT	2015-2016	Nil	96	3	1
BPT	2016-2017	Nil	95	4	1
MPT	2015-2016	Nil	100	Nil	Nil
MPT	2016-2017	40	100	Nil	Nil

23. How many students have cleared Civil services, Defense services, NET, SLET, GATE, and any other competitive examinations?

Civil/ Defense Services	NET	GATE	SLET	Other Competitive Exams
01	NA	NA	NA	NA

24. Student progression:

Student progression	Percentage against enrolled			
	2012-2013	2013-2014	2014-2015	2015-2016
UG to PG	24	6	13	In internship training
PG to M.Phil.	NA	NA	NA	
PG to Ph.D.	--	--	--	
Ph.D. to Post-Doctoral	--	--	--	
Employed	--	--	--	
• Campus selection				
• Other than campus recruitment	41	31	33	
Entrepreneurs	--	--	6	

25. Diversity of staff:

Percentage of faculty who are graduates	UG	PG
of the same parent university	66	22
from other universities within the State	22	77
from other universities from other States	11	--

26. Number of the faculty who were awarded Ph.D., D.Sc and D.Litt. during the assessment period: NIL

27. Present details about Infrastructural facilities:

S. No	Facility	Total No.
1.	Library	Total no. of books - 456 e-books – approx. 800
2.	Internet Facility for Staff and Students	Internet facility for staff is available
3.	Total Number of Class Rooms	05
4.	Class Rooms with ICT facility	02
5.	Student Laboratories	03
6.	Research Laboratories	0

28. Number of students of the department getting financial assistance from college:

Class	Students of the department getting financial assistance from college		
	College	Government	Total
BPT	10	10	20
MPT	Nil	Nil	Nil

29. Was any need assessment exercise undertaken before the development of new program(s)?

Before the development of new programme, a committee of senior faculty members is formed to study the need of society for that programme. The committee also considers feedback of faculty members, students, alumni, university experts and other concerned persons. Based upon suggestions, the course is planned, its syllabus is designed and presented in meeting of board of studies for discussion, modification and approval. The proposal is then forwarded to academic council and governing body for final approval.

30. Does the department obtain feedback from:

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Feedback from the faculty is taken on course curriculum and teaching-learning evaluation through staff meetings. The information obtained is then utilized to revise the syllabus keeping in view the needs of the students. The faculty's suggestions on teaching-learning evaluation are implemented to improve the performance of students as well as teachers.

b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of department to the same?

Feedback from students is regularly taken regarding the curriculum and teaching-learning-evaluation process. The feedback obtained from students is also discussed with the staff and necessary steps are taken to sort-out the problems. Students also give suggestions on the working of the department which are implemented to improve the overall functioning of the department.

c) Alumni and employers on the programmes and what is the response of the department to the same?

Alumni give their feedback regarding different programmes being run during alumni meet as well as during BOS meeting.

31. List the distinguished alumni of the department.

S. No.	Alumni	Batch	Work Detail
1.	Dr. Arvinder Pal Singh Waraich	1999-2003	National Wrestling Physiotherapist (Wrestling Federation of India)
2.	Dr. Amrit Pal Singh Sood	1999-2003	Physiotherapist, PGI, Chandigarh
3.	Dr. Preet Kamal Kaur	2001-2005	HOD, Department of Physiotherapy, Parkash Institute of Physiotherapy, Rehabilitation and Allied Medical Sciences, Noida
4.	Dr. Bhupinder Singh	2002-2006	Assistant Professor, California State University, USA
5.	Dr. Shilpa Mahajan	2002-2006	Physiotherapist, Leela Wati Hospital, Mumbai
6.	Dr. Davinder Kaur Dhillon	2003-2007	HOD, Department of Physiotherapy, Khalsa College, Amritsar
7.	Dr. Poonam Chaturvedi	2003-2007	Women Scientist, Department of Science and Technology, New Delhi
8.	Dr. Karanbir Singh	2007-2012	Sports Psychologist, Army Sports Institute, Pune.

32. Give the details of the student enrichment program (special lectures/ workshops/seminar) with external experts.

Session	Student Enrichment Program	External Expert
2012-2013	1. AIDS/HIV Awareness Program	Mr. Rajan Chawla, District Resource Person, Punjab state AIDS Control Society.
	2. Extension Lecture on Disaster Management	Mr. Surjit Sharma, Deputy Chief warden, Civil Defense, Amritsar.
2016-2017	Extension lecture on “Science as a tool to connect to Gurbani”	Dr. Sukhdev Singh, Head, Department of Molecular Biology and Biochemistry, GNDU, Amritsar.

33. List the teaching methods adopted by the faculty for different programmes:

For BPT

- Apart from the basic black board teaching method, practical demonstration is used to clear the concepts. The faculty of the department is effectively using the modern A-V aids to impart knowledge to the pupils as per the

requirement of the course. Students are exposed to real life patient cases, assessment, treatment and various surgical procedures through videos on the LCD projector.

- Teaching through real life implementation of the theoretical theories to the patients in department OPD, where the students get a chance to better understand the signs and symptoms of various diseases and apply various electrotherapeutic modalities to the real cases. The patient cases are later discussed through class presentations.
- **Hospital teaching:** The department has collaboration with renowned hospitals of Amritsar. The students of 3rd and 4th year are imparted practical training under the supervision of teachers. They are taken to these hospitals accompanied by the teachers daily for two hours, where they are exposed to the working of different departments to get familiar with the instruments and equipments used in hospitals, different patient cases and situations as well as medical ethics.
- **Field Teaching:** The students are exposed to field teaching, under the guidance of teachers, the final year students visit the people of with different occupations to find out the physical problems related to their occupation. This information collected is then shared with the students in the class lectures to make them aware of various physical problems related to different professions.

For MPT

- Power point presentations and over-head projectors are used in routine teaching.
- The cases of hospitalized patients are discussed in class through presentations. Students are exposed to real life patient cases, assessment, treatment and various surgical procedures through videos on the LCD projector.
- Recent researches in the field of Physiotherapy are discussed through ‘Journal Presentations’ every week.
- **Hospital teaching:** Students are exposed to live cardiopulmonary surgeries in the hospitals. The department has collaboration with renowned hospitals of Amritsar for this purpose. They visit these hospitals two days a week, where they are exposed to the working of ICU, wards and operation theatre to become familiar with the instruments, procedures, equipments, different patient cases, in-ward emergencies/situations and medical ethics.

34. How does the department ensure that programme objectives are constantly met and the learning outcomes monitored?

- The academic performance of the students is monitored weekly through regular class tests and assignments by the teacher.
- Head of the department has direct interaction with the students to know the difficulties and constraints faced by them.
- Regular departmental meeting are held to discuss learning outcomes and to find out the probable solutions for the difficulties faced.

- In order to meet the objectives of the course, the students are regularly taken to the renowned hospitals for real life clinical exposure.

35. Highlight the participation of students and faculty in extension activities:

The faculty and the students of the department participate in extension activities arranged by the department through the formation of “PHYSIO CLUB” and “RED RIBBON CLUB”. The students are selected as the members of these clubs through an interview. The conveners and co-conveners of the clubs are appointed from the staff members.

The following extension activities have been carried out during the assessment period:

Session	Physio Club	Extension Activity
2012-2013	Free BMD Check-up Camp	A free BMD check-up camp was organized by ‘Physio Club’ on 17 th November, 2012 at the department. In the camp, 104 patients were assessed for BMD levels and free calcium supplements were distributed. The BMD testing equipment was provided by ‘Keen Health Care Pvt. Ltd.’
2012-2013	Extension Lecture on Disaster Management	An extension lecture was organized by ‘Physio Club’ on Disaster management in the college seminar hall on 22 nd February, 2013. The lecture was delivered by Mr. Surjit Sharma, Deputy Chief Warden, Civil Defense, Amritsar, who spoke on the issue of natural and man-made disasters and their prevention and management.
2013-2014	Seminar on Cardiopulmonary Resuscitation.	The department organized a seminar on cardiopulmonary Resuscitation’ on 23 rd October, 2013 at the department for all BPT students. Mr. Ranbir Singh, Vice Secretary, Red Cross Society, Amritsar delivered a detailed lecture on CPR along with practical demonstration.
2014-2015	Seminar on Recent Advancements in Knee Replacement	A seminar on ‘Recent Advancements in Knee Replacement’ was organized by the department for the teaching and non-teaching staff of the college on 23 rd September, 2014 at seminar hall. Dr. Avtar Singh, Chief Orthopedic surgeon and Head of Orthopedics Department, Amandeep Hospital, Amritsar made the staff aware about the new techniques in the knee joint replacement, its recovery, rehabilitation and outcomes as well as expenditure. Free hand-outs containing the information about the same were also distributed to the staff members.
2015-2016	The members of Physio Club acted as ‘ Blood testing team ’ in the Blood test camp organized by the NSS at College Campus from 23 rd to 27 th February, 2016.	The students of BPT-II nd , III rd and IV th year acted as ‘ Blood testing team ’ in the Blood test camp organized by the NSS at College Campus from 23 rd to 27 th February, 2016. The students tested the blood groups of various students from all the departments of the college in these scheduled days.
Session	Red Ribbon Club	
2012-2013	AIDS/HIV Awareness Program	Department of Physiotherapy celebrated ‘World AIDS Day’ and organized an AIDS/HIV awareness program in Girls Hostel of college campus on 1 st December, 2012. Mr. Rajan Chawla, District Resource Person, Punjab state AIDS Control Society gave lecture and helped to spread the awareness on this critical issue on Worlds AIDS Day.

36. Give details of “beyond syllabus scholarly activities” of the department.

Apart from studies, the students are encouraged to participate in beyond syllabus activities like blood donation, free physiotherapy camps to motivate them to be involved in community services.

Session	Activity
2012-2013	<ul style="list-style-type: none"> Free BMD Check-up Camp World's AIDS day celebration Extension lecture on disaster management
2013-2014	<ul style="list-style-type: none"> Seminar on cardiopulmonary resuscitation
2014-2015	<ul style="list-style-type: none"> Seminar on recent advancements in knee replacement
2015-2016	<ul style="list-style-type: none"> World Physiotherapy day celebration Educational trip to artificial limb unit of Pingalwara, Manawala Visit to Pushpa Gujral Science City, Kapurthala Blood testing by the students in Blood test camp organized by the college.
2016-2017	<ul style="list-style-type: none"> 'World Physiotherapy Day' Celebration Extension Lecture on 'Science as a tool to connect to Gurbani' Book Fair Free BMD Check-up Camp

37. State whether the programme/department is accredited/graded by other agencies. Give details: The department is recognized by "The Indian Association of Physiotherapists" (IAP), Indore.

38. Details any five strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department:

Strengths	Weaknesses
<ol style="list-style-type: none"> The department is recognized by "The Indian Association of Physiotherapists" (IAP), Indore. The Cardio-pulmonary lab of the Department is equipped with the ultra modern equipment and is one of the best lab of all northern India Physiotherapy Institutes. Department has its own physiotherapy OPD, which is well equipped with all electrotherapeutic modalities, providing charitable services to the community Department has collaborations with the renowned hospitals of Amritsar to impart practical training to our students. Department is proud to have the best admissions in North India and the students of the department secure top positions in the final examinations every year. 	<ol style="list-style-type: none"> Lack of regular faculty in the department. There is need to update the library with national and international journals. Highly experienced and senior teaching staff should be recruited in the department as the existing faculty members are of Assistant Professor Rank. Department has not organized workshops, seminars and conferences of National and International level. The faculty of department is lagging behind in research.
Opportunities	Challenges
<ol style="list-style-type: none"> To start the post-graduate courses of different specializations. Collaboration with overseas universities can be worked upon. Radio Imaging Unit can be established in the Department. To provide best training and subject knowledge to the students. To introduce Physiotherapy interdisciplinary subject for other courses in the college. 	<ol style="list-style-type: none"> With the rapid growth of institutions offering physiotherapy course, the department will have to maintain its standard and student strength in future. To improve the infrastructure of the department. To promote research activities. To encourage research based practice among students and staff. To organize national/international seminars and workshops.

39. Future plans of the department:

- To increase the number of specialized labs according to the subjects and up gradation of the existing labs with 3D models.
- To increase collaborations with more specialized hospitals to enhance the clinical exposure of the students.
- To commence the post graduate program in more specialized fields.
- To improve infrastructure.
- To promote research activity among staff and students.

Evaluative Report of P.G. Department of Political Science and Public Administration

1	Name of the Department	P.G. Department of Political Science & Public Administration	
	Year of Establishment	1933	
2	Names of Programmes/ Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG courses	<ul style="list-style-type: none"> • M.A (Political Science) • M.Phil. (Political Science)
		UG courses	<ul style="list-style-type: none"> • B.A. (Political Science And Public Administration) • B.A. Social Sciences
3	Interdisciplinary courses and departments involved	B.A. Social Sciences (English, Punjabi, History, Economics, Sociology, Commerce, Computer Science, Physical Education, Hindi, Sciences, Psychology).	
4	Annual/ semester/choice based credit system	Semester	
5	Participation of the department in the courses offered by other departments	Nil	

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Teaching Posts	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	01	01
Assistant Professors	05	5+3*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Regular Faculty:

S. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M. Phil Students guided for the last 4 years
1	Mrs. Jaspreet Kaur	M.A., M. Phil	Assistant Professor	Political Analysis, Political sociology, Public Administration	26	Nil
2	Mr. Devender Singh	M.A., M. Phil	Associate Professor	Political Thought, Political Theory, Human Rights.	24.5	Nil

S. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M. Phil Students guided for the last 4 years
3	Mr. Sukhjot Singh	M.A., M. Phil	Assistant Professor	State Politics with Special Ref. to Punjab	11	Nil
4	Dr. Gurvel Singh Malhi	M.A., M. Phil, Ph.D.	Assistant Professor	International Politics, Foreign Policy of India	8	Nil
5	Dr. Harbilas Singh	M.A., M. Phil, Ph.D.	Assistant Professor	Indian Political System	7	Nil
6	Mrs. Dawinder Kaur	M.A., M.Phil	Assistant Professor	State Politics	4.5	Nil

Adhoc Faculty:

S. No.	Name	Qualifications	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M. Phil Students guided for the last 4 years
1	Ms.Navpreet Kaur	M.A.	Assistant Professor	Public Administration	2.5	Nil
2	Ms. Sukhjot Kaur	M.A., M. Phil	Assistant Professor	Indian Political System, Public Administration	2	Nil
3	Ms. Ravneet Kaur	M.A., M. Phil	Assistant Professor	Indian Political System	0.5	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information

S. No.	Class	2012-13	2013-14	2014-15	2015-16	2016-17
1.	M. Phil	—	—	—	0	0
2.	M.A. Political Science I & II	0	0	20	20	20
3.	B.A. Political Science I,II &III	20	50	66.66	80	57
4.	B.A. Public Administration I,II & III	33.33	33.33	33.33	100	100
5.	B.A. Social Sciences I	—	—	—	50	37.5

9. Programme-wise student Teacher ratio:

Class	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
M. Phil Political Science	–	–	–	–	02:01	01:01
M.A. Political Science I & II	10:01	10:01	15:01	20:01	18:01	12:01
B.A. Political Science I,II &III	49:01	70:01	72:01	76:01	72:01	72:01
B.A. Public Admn. I,II & III	23:01	31:01	38:01	39:01	32:01	38:01
B.A. Social Sciences I (Political science)	–	–	–	–	21:01	
B.A. Social Sciences I& II (Political science)	--	--	--	--	--	17:01
B.A. Social Sciences I (Public Administration)	--	--	--	--	21:01	
B.A. Social Sciences I& II (Public Administration)	--	--	--	--	--	17:01

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled:

	Sanctioned	Filled
Academic support staff (technical)	01	01
Administrative staff	–	–

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise: Nil.

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received: Nil

13. Research facility / centre with:

- state recognition : Nil
- national recognition : Nil
- international recognition: Nil

14. Publications: 2011-16

S. No	Name of Faculty	Paper Published National/ international	Mono gra plus	Chapter(s) in Books	Editing Books	Books with ISBN Number	Number listed in international database	Citation index	SNIP	SJR	Impact factor range	H-Index
1	Ms.Jaspreet Kaur	-	-	-	-	-	-	-	-	-	-	-
2	S. Davender Singh	01	-	-	01	-	-	-	-	-	-	-
3	Dr. Ranjit Singh	04	-	03	01	-	-	-	-	-	-	-
4	S. Sukhjot Singh	02	-	-	-	-	-	-	-	-	-	-
5	Dr. Gurvel Singh Malhi	-	-	01	-	-	-	-	-	-	-	-
6	Dr.Harbilas Singh	01	-	-	-	-	-	-	-	-	-	-
7	Ms.Dawinder Kaur	01	-	-	-	-	-	-	-	-	-	-

15. Details of patents and income generated: N.A

16. Areas of consultancy and income generated: N.A

17. Faculty Recharging strategies:

Faculty Members regularly attend:

- Orientation and Refresher Courses as and when required.
- Faculty Development Programmes.
- Various Seminars and Conferences and make Paper Presentations.
- Departmental Meetings to discuss various problems encountered by the faculty.
- The faculty members are also encouraged to pursue academic advancement.

18. Student projects:

- Percentage of students who have done in-house projects including inter-departmental: Nil.
- Percentage of students doing projects in collaboration with industries/institutes: Nil.

19. Awards/recognitions received at the national and international level by:

- Faculty : Nil.
- Doctoral / post doctoral fellows : Nil.
- Students : Nil.

20. Seminars/Conferences/Workshops organized and the source of funding (National/international) with details of outstanding participants, if any:
01

	Funding Agency	Title of the Seminar	Year	Date	Participants
1.	I.C.S.S.R	Indian Federalism and its working with special reference to Punjab and Jammu & Kashmir	2014	Mar 22	1. Dr. S.S Narang (Former Director) Centre for Studies in Punjab Politics, GNDU, Amritsar. 2. Dr. Kuldip Singh (HOD) Dept. of Political Science, GNDU, Amritsar. 3. Dr. Baljit Singh (Prof.) Dept. of Political Science, Jammu University, Jammu.

21. Student profile course-wise

Session 2011-12						
Name of the Course	Application Received		Selected		Pass percentage	
	Male	Female	Male	Female	Male	Female
M.A Political Science	18	45	16	45	75	95.45
B.A Political Science	286	12	286	12	85.25	90.47
B.A Public Administration	65	04	65	04	90.24	100
Session 2012-13						
M.A Political Science	12	37	12	37	93.75	98
B.A Political Science	386	32	386	32	84.04	89.12
B.A Public Administration	152	12	152	12	90.19	100
Session 2013-14						
M.A Political Science	29	49	28	47	94.44	88.25
B.A Political Science	399	32	399	32	84.86	98.07
B.A Public Administration	100	14	100	14	86.55	100
Session 2014-15						
M.A Political Science	58	49	56	49	89.90	92.72
B.A Political Science	401	56	401	56	67.3	91.65
B.A Public Administration	104	13	104	13	81.77	88.66
Session 2015-2016						
M.Phil (Political Science)	10	22	04	03	100	100
M.A. Political Science	44	47	41	41	98.63	97
B.A. Political Science	412	85	412	85	74.34	88.04
B.A. Public Administration	85	20	85	20	75.07	85
B.A. Social Science	35	20	31	17	76.50	100

22. Diversity of Students

Session	Name of the Course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
2011-12	M.A. Pol Sc. I	—	95.84	4.16	0
	B.A. Pol. Sc. I	0	86.45	13.55	0
	B.A. Pub Adm. I	0	100	0	0
2012-13	M.A. Pol. Sc. I	—	100	0	0
	B.A. Pol. Sc. I	0	99.29	0.71	0
	B.A. Pub. Adm. I	0	98.04	1.06	0
2013-14	M.A. Pol. Sc. I	—	98.67	1.33	0
	B.A. Pol. Sc. I	0	99.31	0.69	0
	B.A. Pub. Adm. I	0	100	0	0
2014-15	M.A. Pol. Sc. I,II	15.68	84.32	0	0
	B.A. Pol. Sc. I	0	97.79	2.21	0
	B.A. Pub. Adm. I	0	96.08	3.92	0
2015-16	M.Phil Pol. Sc.	42.85	57.15	0	0
	M.A. Pol. Sc. I	34.48	64.38	1.14	0
	B.A. Pol. Sc. I	0%	97.62	2.38	0
	B.A. Pub. Adm. I	0	100	0	0
	B.A. Social Sc. I	0	100	0	0
2016-17	M.Phil Pol. Sc.	0	100	0	0

Session	Name of the Course	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
	M.A. Pol. Sc. I	0	100	0	
	B.A. Pol. Sc. I	0	97.15	2.85	0
	B.A. Pub. Adm. I	0	98.47	1.53	0
	B.A. Social Sciences I	0	100	0	0

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? :

One (NET)

24. Student progression

Student progression	Percentage against enrolled
UG to PG	45
PG to M.Phil	25
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	55
<ul style="list-style-type: none"> ● Campus selection ● Other than campus recruitment 	
Entrepreneurs	10

25. Diversity of staff

Percentage of faculty who are graduates	
Of the same parent university	80
From other universities within the State	
From other universities from other States	20

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Degree awarded	Number of faculty members
Ph.D	01

27. Present details about infrastructural facilities

S. No.	Facility	Detail
a)	Library	Books Political Science : 655 Books Social Science: 422
b)	Internet facilities for Staff & Students	01
c)	Total number of class rooms	15
d)	Class rooms with ICT facility	-
e)	Students' Laboratories	-
f)	Research Laboratories	-

28. Number of students of the department getting financial assistance from College

Class	Financial Assistance for		
	College	State	Total
B.A *	420	174	594
M.A. (Political Science)	13	09	22
M.Phil (Political Science)	-	02	02
B.A (Social Science)	10	01	11

*This information pertains to total B A students

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

The need assessment exercise s undertaken before the start of new programme. The new programme is planned and discussed in the departmental meetings.. Valuable suggestions are taken from the subject experts of Universities and other institutions. The syllabi of other Universities are also being consulted for the development of syllabus of new programmes. The proposed syllabus is then put before the members of Board of Studies for discussion and suggestions. After that the proposal goes to Academic Council and Governing Body of the college.

30. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from faculty on curriculum as well as teaching learning-evaluation system through meetings of the Board of Studies and monthly meetings of the Department. The Department implements and works on it to achieve it.

b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The department obtains feedback from the students on staff and curriculum as well as teaching-learning-evaluation through the feedback performas from the students and through Tutorial Groups. Regular meetings with C.R.'s are also held for this purpose. The feedback from students is discussed in the meetings with faculty members of the Department and Principal of the college and actions are taken accordingly.

c) Alumni and employers on the programmes and what is the response of the department to the same?

Alumni as members of the Board of Studies give feedback on curriculum as well as teaching learning evaluation. Feedback on Programme is also obtained through feedback proforma filled by members attending Convocation and Alumni meetings. Based on their valuable suggestions, necessary modifications are being incorporated.

31. List the distinguished alumni of the department.

S.No	Name	Designation	Institution
1	Mr. G.S Narang I.A.S.	Chief Commissioner (Rtd.)	Dept. of Excise and Taxation
2	Mr. Subash Kalia	Former Member	State Planning Board, Punjab
3	Dr. Jagjit Kaur	Director, Department of Youth Welfare	GNDU Amritsar
4	Mr. Harinder Singh. PCS	Assistant Excise and Taxation Commissioner	Dept. of Excise and Taxation
5	S. Jagjit Singh	HOD (Rtd.) PG Dept. of Political Science and Public Administration	Khalsa College Amritsar
6	S. Pishora Singh	Senior Lecturer (Rtd.) PG Dept. of Political Science and Public Administration	Khalsa College Amritsar
7	Mrs. Jaspreet Kaur	HOD. PG. Dept of Political Science and Public Administration	Khalsa College Amritsar
8	S. Sukhjit Singh	Assistant Professor PG Dept. of Political Science and Public Administration	Khalsa College Amritsar
9	Mr. Jagjit Singh Walia	SP	Punjab Police
10	Mr. Kuljeet Singh	Advocate	District Court Amritsar

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S. No	Topic	Name of Resource Person	Date
1.	“Changing Contours of US War on Terrorism”.	Dr. Kuldip Singh Head, Department of Political Science, GNDU, Amritsar.	November 5, 2011
2.	Lecture on his book “Warrior’s After War”.	Mr. Tridivesh Singh Maini, Associate Fellow with “The Observer Foundation” New Delhi.	November 5, 2011
3.	“Globalization : Major Issues”	Dr. Kuldip Singh Head, Department of Political Science, GNDU, Amritsar.	October 26, 2012
4.	Interactive Session with Students	Mr. Tim Uppal Minister of Democratic Reforms, Canada.	November 12, 2012
5.	“Right to Vote and its relevance for Democracy”	Prof. Harmeet Singh Department of Political Science, GNDU, Amritsar.	January 25, 2013
6.	US-India Relations	Mr. Walter Rusell Mead, Expert on U.S. Foreign Policy.	August 25, 2013
7.	“Gandhian Way of Transformational Leadership”	Shobhana Randhkrishna, Chief Functionary, Gandhian Forum for Ethical Corporate Governance.	February 23, 2013

S. No	Topic	Name of Resource Person	Date
8.	Political Economy of Punjab	Dr. Kuldip Singh, Professor, Department of Political Science, GNDU, Amritsar.	September 19, 2015
9.	“Present Day Punjab & Youth”	Mr. Khushwant Singh (a renowned Columnist with Hindustan Times, Writer and Biographer).	March 10, 2016
10.	"Punjab Assembly Elections 2017: Major Concerns"	Dr. Jagroop Singh Sekhon, Head, Department of Political Science, GNDU, Amritsar. Dr. Ashutosh Kumar, Professor, Department of Political Science, Panjab University, Chandigarh.	April 16, 2016

33. List the teaching methods adopted by the faculty for different programmes.

- At Under-Graduate level: Lecture Method, Use of Black Board
- At Post-Graduate level: Lectures, Group Discussions, Interactive Sessions and Presentations.

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

Through Periodical Class-Tests, Assignments, Seminars the programme objectives are constantly evaluated and learning outcomes are monitored.

35. Highlight the participation of students and faculty in extension activities.

Special lectures, seminars, and educational tours are being organised and faculty and students actively participate in them. Students also participate in NSS, NCC, Blood donation Camps and other extension activities.

36. Give details of “beyond syllabus scholarly activities” of the department.

Beyond syllabus scholarly activities of the department are:

- Quiz Competitions.
- Group Discussions and Debates.
- Seminars and Lectures.
- Educational Tours.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details.

No

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

SWOC Analysis of the Department

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Well Established Dept. since 1933. 2. Qualified and dedicated Faculty. 3. Preferred subject in B.A. 4. Well equipped Departmental Library with recent and relevant books. Adequate reading material is also available in the College Library. 5. Only institute offering M.Phil. in this area. 	<ol style="list-style-type: none"> 1. Insufficient Permanent Faculty. 2. Students opting for the course have poor academic base. 3. Research facilities are not upto date 4. Lack of separate reading hall for Departmental Library. 5. Insufficient Seminars/Conferences organised.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To encourage enrolment of faculty in Research work. 2. To provide more opportunities for the students to improve their skills. 3. Enrichment of Departmental Library with more books and quality Journals. 4. To introduce Project Work for students. 5. To improve infrastructure for the faculty and students. 	<ol style="list-style-type: none"> 1. To update students with poor academic base. 2. To introduce job oriented/ vocational courses. 3. To organise National and International level Seminars/ Wokshops. 4. To improve the opportunities of placement of students. 5. To involve Undergraduate and Postgraduate students in research projects.

39. Future plans of the department:

The department plans

- To organize National/International Seminars and Conferences in the future.
- To encourage the faculty to apply for Major/Minor Research projects.
- To establish a Research Centre for studies in Punjab Politics/Sikh Politics. (As Khalsa College is a premier Institution of this region so it should contribute towards development of community and society also)
- To encourage students to develop research aptitude.
- To start a Research Journal in the future.

Evaluative Report of P.G. Department of Punjabi Studies

1	Name of the Department	P.G. Department of Punjabi Studies	
	Year of Establishment	1949	
2	Name of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG Courses	<ul style="list-style-type: none"> • M.Phil. (Punjabi) • M. A. (Punjabi)
		UG Courses	<ul style="list-style-type: none"> • B.A. (Hons) Punjabi, • B. A., BA (Social Science), B.Sc. (Med., Non-Med, Eco, Comp. Sc.), B. Com(R), BBA.
3	Interdisciplinary courses and departments involved:	M.Phil. Punjabi : Psychology Department B.A. Hons. Punjabi :Urdu	
4	Annual/semester/ choice based credit system	Semester System	
5	Participation of the department in the courses offered by other departments	<ul style="list-style-type: none"> • B.Sc (Bio-Tech, Agriculture, Food Science) • BFST • B.A. (JMC), • B.Sc (FD), • B.A Hons (Eng.), • B.Sc. Hons.(Chem., Phy.) 	

6. Number of teaching posts sanctioned and filled

Teaching Posts	Sanctioned	Filled
Professors	-	Nil
Associate Professors	03	03
Assistant Professors	07	20*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.) :

Regular Faculty

S. No.	Name	Qualification	Designation	Specialization	Experience	No.ofM.Phil/ Ph.D.Students guided in last 4 years
1	Dr. Sukhbir Singh	Ph.D.	Asso.Prof.	Sufi Kaav	29	Nil
2	Dr. Davinder Kaur	Ph.D.	Asso.Prof.	Criticism	28	2
3	Mrs. Davinderpal Kaur	M.Phil	Asst.Prof.	Fiction	19	Nil
4	Dr. Atam Singh Randhawa	Ph.D.	Asso.Prof.	Poetry	18	4

S. No.	Name	Qualification	Designation	Specialization	Experience	No.of M.Phil/ Ph.D. Students guided in last 4 years
5	Dr. Parminder Singh	Ph.D.	Asst.Prof.	Prose	20	4
6	Dr. Bhupinder Singh	Ph.D.	Asst.Prof.	Fiction	28	4
7	Dr. Kuldip Singh	Ph.D.	Asst.Prof.	Fiction	6	4
8	Dr. Heera Singh	Ph.D.	Asst.Prof.	Criticism	10	5
9	Dr. Mini Salwan	Ph.D.	Asst.Prof.	Linguistics	6	2
10	Dr. Harjit Kaur	Ph.D.	Asst.Prof.	Drama	10	1

Adhoc Faculty

1	Dr. Rajwinder Kaur	Ph.D.	Asst.Prof.	Prose	8	Nil
2	Dr. Jasvir Kaur	Ph.D.	Asst.Prof.	Fiction	2	Nil
3	Dr. Jasbir Singh	Ph.D.	Asst.Prof.	Drama	11	Nil
4	Dr. Mangat Ram	Ph.D.	Asst.Prof.	Linguistics	15	Nil
5	Dr. Amandeep Kaur	Ph.D.	Asst.Prof.	Folklor	3	Nil
6	Dr. Gurinder Kaur	Ph.D.	Asst.Prof.	Poetry	10	Nil
7	Dr. Palwinder Kaur Randhawa	Ph.D.	Asst.Prof.	Fiction	1	Nil
8	Mr. Manjit Singh Ankhi	M.Phil	Asst.Prof.	Poetry	15	Nil
9	Dr. Megha Salwan	Ph.D.	Asst.Prof.	Fiction	1	Nil
10	Dr. Rajbir Kaur	Ph.D.	Asst.Prof.	Fiction	1	Nil
11	Ms. Kulwinder Kaur	M.Phil	Asst.Prof.	Fiction	3	Nil
12	Ms. Ramandeep Kaur	M.Phil	Asst.Prof.	Fiction	2	Nil
13	Ms. Jatinder Kaur	MA	Asst.Prof.	-----	1	Nil

8. Percentage of classes taken by temporary faculty – programme-wise information :

Programme	2011-12	2012-13	2013-14	2014-15	2015-16
UG Courses	24	26	60	61	56
PG Course	5	4	6	5	5
M.Phil.	Nil	Nil	Nil	Nil	Nil

9. Programme-wise Student Teacher Ratio:

Name of course	Student teacher ratio				
	2011-12	2012-13	2013-14	2014-15	2015-16
B.A.	95:1	98:1	75:1	67:1	78:1
B. Com(R)	62:1	58:1	56:1	58:1	62:1
B. Com (Hons)	72:1	77:1	57:1	-	62:1
B. Sc Med	57:1	52:1	62:1	68:1	62:1
B. Sc Non Med	39:1	41:1	65:1	70:1	60:1
B. Sc Eco	49:1	46:1	46:1	47:1	44:1
B. Sc Comp Sc	59:1	56:1	72:1	71:1	52:1
B.Sc Agri-1	48:1	45:1	80:1	80:1	83:1

Name of course	Student teacher ratio				
	2011-12	2012-13	2013-14	2014-15	2015-16
BFST-1	29:1	23:1	60:1	70:1	68:1
B.A.(SS)-1	-	-	-	-	42:1
BJMC	-	-	-	-	35:1
B.Sc Bio Tech	47:1	45:1	59:1	58:1	64:1
B.B.A.	42:1	46:1	59:1	53:1	74:1
B.C.A.	58:1	52:1	77:1	57:1	51:1
B.Sc.(IT)	47:1	42:1	82:1	76:1	67:1
M.A.(Pbi)	8:1	5:1	7:1	9:1	8:1
M.Phil (Pbi)	-	-	-	-	2:1
B.P.T.	39:1	39:1	59:1	68:1	58:1
B.Com(Pro.)	-	-	-	64:1	-

10. Number of academic support staff (technical) and administrative staff: sanctioned and filled – 01

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Completed Research Projects : 02

Name	Topic	Funding Agency	Grant
Dr. Parminder Singh Major Research Project , 2012-14	Parvasi Punjabi Sahit : Utter Bastivadi Pripekh	UGC-Sponsored	3.80 Lac
Dr. Atam Randhawa Minor Research Project , 2011-12	Samkali Punjabi Kavita:Utter Sarachnavadi Pripekh	UGC-Sponsored	1.40 Lac.

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received : Nil

13. Research center/facility recognised by the University: The Affiliating University does not allow the creation of research centre.

14. Publications:

S. No	Name of Faculty	Paper Published national/inter-national	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN No.	No. listed in International DataBase	Citation Index	SNIP	SJR	Impact factor range	h-index
1.	Dr. Sukhbir Singh	01	-	01	02	-	-	-	-	-	-	-
2	Dr. Davinder Kaur	01	-	02	-	-	-	-	-	-	-	-
3	Mrs. Davinderpal Kaur	05	-	02	02	-	-	-	-	-	-	-

S. No	Name of Faculty	Paper Published national/interNational	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN No.	No. listed in International DataBase	Citation Index	SNIP	SJR	Impact factor range	h-index
4	Dr. Atam Singh Randhawa	16	-	04	03	02	-	-	-	-	-	-
5	Dr. Parminder Singh	06	-	03	02	-	-	-	-	-	-	-
6	Dr. Bhupinder Singh	12	-	05	-	-	-	-	-	-	-	-
7	Dr. Kuldip Singh	11	-	05	-	01	-	-	-	-	-	-
8	Dr. Heera Singh	04	-	04	03	-	-	-	-	-	-	-
9	Dr. Mini Salwan	10	-	10	-	02	-	-	-	-	-	-
10	Dr. Harjit Kaur	05	-	15	01	-	-	-	-	-	-	-
11	Dr. Rajwinder Kaur	01	-	07	-	01	-	-	-	-	-	-
12	Dr. Jasvir Kaur	01	-	06	02	01	-	-	-	-	-	-
13	Dr. Jasbir Singh	02	-	03	-	-	-	-	-	-	-	-
14	Dr. Mangat Ram	01	-	-	-	-	-	-	-	-	-	-
15	Dr. Amandeep Kaur	04	-	06	01	01	-	-	-	-	-	-
16	Dr. Gurinder Kaur	03	-	05	-	02	-	-	-	-	-	-
17	Dr. Palwinder Kaur Randhawa	02	-	07	-	01	-	-	-	-	-	-
18	Mr. Manjit Singh Ankhi	02	-	02	02	-	-	-	-	-	-	-
19	Dr. Megha Salwan	06	-	07	-	-	-	-	-	-	-	-
20	Dr. Rajbir Kaur Kaur	01	-	08	01	-	-	-	-	-	-	-
21	Ms. Kulwinder Kaur	-	-	09	-	01	-	-	-	-	-	-
22	Ms. Ramandeep Kaur	-	-	-	-	-	-	-	-	-	-	-
23	Ms. Jatinder Kaur	-	-	-	-	-	-	-	-	-	-	-
	Total	94		111	19	12						

15. Details of patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies: General Orientation Courses, Refresher courses, seminars, workshops, etc.-

18. Student projects

a) **Percentage of students who have done in-house projects including inter-departmental**

Year	Course	Projects	% of Students
2015-16	M.Phil.(Pbi)	Project Submission & Seminar Presentation	100
	M.A.(Pbi)	Assignments	100
	B.A.(El.Pbi)-I-II-III	Assignments	100

b) **Percentage of students doing projects in collaboration with industries / institutes:** Nil

19. Awards / recognitions received at the national and international level by

- Doctoral / Post doctoral fellows: Nil
- Students : Nil

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

S.No.	Activity	Title	Resource Person	Date	Funding Agency
1	Seminar	Virsa Punjab Da	Dr. Sukhdev Singh Khahra, ,Dr. Daria & Surinder Kohhar	09/11/2012	Self Funding
2	Punjabi Conference	Vishav Punjabi Sahit Chintan	S. Ajaib Singh Chatha Canada	23/9/2013	Self Funding
3	Seminar	Parvasi Punjabi Sahit de Sarokar	Dr. Ravinder Ravi	09/8/2014	Self Funding
4	Seminar	Shah Mohammad	S. Jaswant Singh Kanwal,	13/11/2014	Self Funding
5	Seminar	Samkali Sahit ate Media	Dr.Kamlesh Duggal	10/3/2015	Self Funding
6	Workshop	Kavi Darbar	Dr. Harbhajan Singh Bhatia, Dr. Sohinderbir, Dev Dard	22/2/2016	Self Funding
7	Seminar	Punjabi Novel	Sh. Jasbir Mand & S. Baldev Singh Sarhaknama	02/3/2016	Self Funding
8	Seminar	Sur, Shabad te Sanvad	Renowned Punjabi Poet S. Surjit Patar	08/3/2016	Self Funding
9	Workshop	Punjabi Yuva Usav	S. Surjit Patar, S. Variam Sandhu, S. Navtej Bharti, S. Harpal Singh Pannu, S. Surjit Singh, S. Baldev Singh Dhalival	29,30,31/3/2016	Self Funding

21. Student profile course-wise:

Name of Course	Applications Received	Selected Male - Female	Pass percentage	
			Male	Female
2012-13				
BA-1	512	472- 40	100	98.41
BA-II	163	151-12	100	100
BA-III	105	84-21	100	100
B.Com. (Regular)-I	84	66-18	100	100
B.Com. (Regular)-II	53	29-24	100	100
B.Com. (Regular)-III	38	28-10	100	100
B.Com. (Prof.)-I	153	110-43	100	100
B.Sc. (Med)-I	141	20-121	100	100
B.Sc. (Med)-II	50	7-43	100	100
B.Sc. (Med)-III	17	4-13	100	100
B.Sc. (N.Med)-I	104	60-44	100	100
B.Sc. (N.Med)-II	26	620	100	100
B.Sc. (N Med)-III	33	9-24	100	100
B.Sc. (Eco)-I	76	45-31	100	100
B.Sc. (Eco)-II	26	13-13	100	100

Name of Course	Applications Received	Selected Male - Female	Pass percentage	
			Male	Female
B.Sc. (Eco)-III	38	14-24	100	100
B.Sc. (Comp.Sc.)-I	114	59-55	100	100
B.Sc. (Comp.Sc.)-II	49	29-20	100	100
B.Sc. (Comp.Sc.)-III	61	28-33	100	100
B.Sc. (Agri)-I	90	62-28	100	100
B.Sc. (Food.Sc.&Tech.)-I	45	17-28	100	100
B.Sc. (Bio. Tech.)-I	45	7-38	100	100
BBA-I	100	72-28	100	100
BBA-II	54	34-20	100	100
BBB-III	31	26-5	100	100
BCA-I	155	127-28	100	100
B.Sc. (IT)-I	85	75-10	98.2	100
M.A. (Punjabi)	48	02-11	100	100
Year 2013-14				
BA-1	419	388 -31	100	100
BA-II	277	244-33	100	100
BA-III	139	132 -7	100	100
B.Com. (Regular)-1	65	55-10	100	100
B.Com. (Regular)-II	66	49-17	98.6	100
B.Com. (Regular)-III	37	19-18	99.26	100
B.Com. (Prof.)-1	113	91-22	100	100
B.Sc. (Med)-I	164	27-137	100	100
B.Sc. (Med)-II	109	9-100	99.26	100
B.Sc. (Med)-III	37	3-34	100	100
B.Sc. (N.Med)-I	160	71-89	100	100
B.Sc. (N.Med)-II	75	42-33	94.23	95
B.Sc. (N Med)-III	26	6-20	100	100
B.Sc. (Eco)-I	75	54-21	100	100
B.Sc. (Eco)-II	41	14-27	100	100
B.Sc. (Eco)-III	23	12-11	100	100
B.Sc. (Comp.Sc.)-I	78	42-36	100	100
B.Sc. (Comp.Sc.)-II	93	43-50	100	100
B.Sc. (Comp.Sc.)-III	74	28-19	100	100
B.Sc. (Agri)-I	160	88-72	100	100
B.Sc. (Food.Sc.&Tech.)-I	60	22-38	100	100
B.Sc. (Bio. Tech.)-I	59	15-44	100	100
BBA-I	119	91-28	100	100
BBA-II	68	45-23	100	100
BBa-III	48	28-20	100	100
BCA-I	154	119-35	95.04	97
B.Sc. (IT)-I	82	58-24	93.75	97
M.A. (Punjabi)	35	12-23	89.65	91
Year 2014-15				
BA-1	571	503-68	94	97
BA-II	203	177-26	98	100
BA-III	233	201-32	97.14	98
B.Com. (Regular)-1	80	68-12	92	100
B.Com. (Regular)-II	54	44-10	98	100
B.Com. (Regular)-III	42	27-15	100	100
B.Com. (Prof.)-1	64	50-14	100	100
B.Sc. (Med)-I	186	22-164	99.32	100
B.Sc. (Med)-II	122	12-110	99.11	100

Name of Course	Applications Received	Selected Male - Female	Pass percentage	
			Male	Female
B.Sc. (Med)-III	105	9-96	100	100
B.Sc. (N.Med)-I	144	62-82	99.15	100
B.Sc. (N.Med)-II	136	59-77	100	100
B.Sc. (N Med)-III	69	42-28	100	100
B.Sc. (Eco)-I	51	40-11	100	100
B.Sc. (Eco)-II	53	32-21	100	100
B.Sc. (Eco)-III	37	12-25	100	100
B.Sc. (Comp.Sc.)-I	70	47-23	97.9	100
B.Sc. (Comp.Sc.)-II	59	27-32	100	100
B.Sc. (Comp.Sc.)-III	84	46-38	100	100
B.Sc. (Agri)-I	161	77-84	100	100
B.Sc. (Food.Sc.&Tech.)-I	70	25-45	100	100
B.Sc. (Bio. Tech.)-I	58	12-46	100	100
BBA-I	77	51-26	98	100
BBA-II	85	56-29	100	100
BBA-III	50	32-18	100	100
BCA-I	114	92-22	95	100
B.Sc. (IT)-I	76	50-26	98	100
M.A. (Punjabi)	57	27-30	100	100
Year 2015-16				
BA-1	681	595-86	86.72	90
BA-II	307	256-51	100	100
BA-III	176	150-26	100	100
B.Com. (Regular)-I	117	95-22	97.77	100
B.Com. (Regular)-II	78	57-21	100	100
B.Com. (Regular)-III	51	41-10	100	100
B.Com. (Prof.)-I	62	34-28	97.99	100
B.Sc. (Med)-I	180	20-160	96.49	100
B.Sc. (Med)-II	145	19-126	98.54	100
B.Sc. (Med)-III	115	10-105	100	100
B.Sc. (N.Med)-I	116	40-76	97	98
B.Sc. (N.Med)-II	114	40-74	100	100
B.Sc. (N Med)-III	131	55-76	100	100
B.Sc. (Eco)-I	49	29-20	91.89	94
B.Sc. (Eco)-II	37	29-8	96.55	100
B.Sc. (Eco)-III	46	27-19	100	100
B.Sc. (Comp.Sc.)-I	52	28-24	97.72	98
B.Sc. (Comp.Sc.)-II	47	30-17	97.77	98
B.Sc. (Comp.Sc.)-III	56	24-32	98.24	100
B.Sc. (Agri)-I	245	150-95	100	100
B.Sc. (Food.Sc.&Tech.)-I	139	57-82	100	100
BA(SS)-1	42	26-16	93.10	100
BJMC-1	35	26-9	96.12	100
B.Sc. (Bio. Tech.)-I	64	16-48	97.22	98
BBA-I	84	67-17	100	100
BBA-II	54	35-19	100	100
BBA-III	83	54-29	100	100
BCA-I	102	89-13	98.27	100
B.Sc. (IT)-I	67	13-54	100	100
M.A. (Punjabi)	60	07-08	96.07	100
BPT-I	60	6-54	94.44	100

22. Diversity of Students:

Name of the Course (refer question 2)	Percentage of students from the college	Percentage of students from the state	Percentage of students from other States	Percentage of students from other countries
M.Phil 2015-16	20	80	Nil	Nil
M.A.2011-12	20	80	Nil	Nil
M.A.2012-13	20	80	Nil	Nil
M.A.2013-14	18	82	Nil	Nil
M.A.2014-15	20	80	Nil	Nil
M.A.2015-16	15	85	Nil	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

14 (NET)

24. Student progression

Course	Percentage against enrolled
UG to PG	20
PG to MPhil	10
PG to Ph D	10
PG to Post Doctoral	-
Employed	
• Campus Selection	10
• Other than Campus Recruitment	20

25. Diversity of staff

Percentage of faculty who are graduates-	
of the same parent University	90
Of other Universities from the state	10
Of other Universities from other states	Nil

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Degree awarded	Number of faculty members
Ph.D	06

27. Present details about infrastructural facilities

S. No.	Facility	Detail
a)	Library	Books: 1880; Journals: 10
b)	Internet facilities for Staff & Students	-
c)	Total number of class rooms	80
d)	Class rooms with ICT facility	-
e)	Students' Laboratories	-
f)	Research Laboratories	-

28. Number of students of the department getting financial assistance from College:

Course	Financial assistance from College	Financial assistance from Govt.	Total
B.A.	320	174	194
B.A Social Science	10	01	11
B.Sc. Medical	44	33	77
B.Sc. Non Medical	51	40	91
B.Sc.Eco	16	09	25
B.Sc. Com.Sc.	29	09	38
B.Com (R)	09	04	13
B.B.A.	11	06	17
M.A. Punjabi	14	24	38
M.Phil. Punjabi	-	09	09

29. Was any need assessment exercise undertaken before the development of new programme(s)? If so, give the methodology.

Before the development of new programme, a committee of senior faculty members is formed to study the need of society for that programme. The committee also considers feedback of faculty members, students, alumni, university experts and other concerned persons. Based upon the suggestion, the course is planned, its syllabus is designed and presented in meeting of board of studies for discussion, modifications and approval. The proposal is then forwarded to academic council and governing body for final approval.

30. Does the department obtain feedback from

a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Regular departmental meetings are held in which faculty members give the feedback on relevance of course curriculum as well as teaching, learning, evaluation. The feedback obtained is utilized in making necessary or relevant changes in the existing curriculum and other Academic as well as extra curricular activities.

b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The feedback on students on staff, curriculum and teaching learning-evaluation is obtained by interaction of head of department/faculty members with students directly or through tutorial groups at college levels. The feedback is utilized in making necessary changes in the existing curriculum and for improvement in the academic and non-academic programmes of the department.

c) Alumni and employers on the programmes and what is the response of the department to the same?

Alumni and employers give valuable suggestions for the welfare of the department from time to time. Their feedback is also taken during alumni meet and in meetings of BOS where one member is from alumni. The department takes necessary actions to improve academic process as well as infrastructure.

31. List the distinguished alumni of the department (maximum 10)

S.No.	Name	Designation	Institution
1	S. Atamjeet Singh	Writer	Retired Principal ASSMC Mukandpur
2	S. Mohan Kahlon	Writer	Retired Teacher
3	Dr. Manmohan	IPS	IG Chandigarh
4	S. Tarlok Singh Kanwer	Scholar	Ex. Pro. Delhi Uni.
5	S. Jasbir Bhuller	Writer	Retired Karnal Indian Army
6	S. Kirpal Singh Kasel	Scholar	Retired Pro.
7	S. Parminder Singh	Scholar	Retired Pro.
8	S. Maninder Kang	Writer	----
9	S. Kapur Singh Ghuman	Writer	Retired Director Bhasha Vibhag
10	S. Kartar Singh Suri	Pro.&Writer	Punjab Uni. Chandigarh

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

S.No.	Title	Resource Person	Date	Funding Agency
1	Punjabi Sabhiachar	Dr. Jaswinder Singh	15/8/2011	Self funding
2	Guru Granth Sahib	Dr. Kuldip Singh Dhir	27/11/2011	Self funding
3	Punjabi Sahit De Sarokaar	Dr. Ranjit Singh Rangeela from Mysore	25/9/2012	Self funding
4	Kav Sirjan Parkiria	Poet.Ram Singh	12/12/2012	Self funding
5	Kav Sirjan Parkiria	Afzal Sahir, renowned Pakistani Punjabi Poet	09/8/2014	Self Funding
6	Kahani Darbar	Renowned story writer Sukhjit	31/1/2015	Self Funding
7	Punjabi:Our Mother Tongue	Dr. Harbhajan Singh Bhatia	21/2/2015	Self Funding
8	Nanak Singh Di Rachna Darishty	Dr. Sukhdev Singh Khahra	05/2/2014	Self funding
9	Dhani Ram Chatrik	Dr. Udham Singh Shahi	06/8/2014	Self funding
10	Guru Nanak Bani	Dr. Gurmeet Singh	30/8/2014	Self funding
11	Khoj Vidhi	Dr. Raminder Kaur	29/10/2014	Self funding
12	Naum Chomasky	Dr. Paramjeet Singh Sidhu	10/11/2014	Self funding
13	Shiv Kumar Batavalvi: Jeevan te Rachna	Dr. Deepak Manmohan	16/4/2015	Self funding
14	Khoj Vidhi	Dr. Raminder Kaur	01/10/2015	Self funding
15	Khoj Vidhi	Dr. Harbhajan Singh Bhatia	10/10/2015	Self funding
16	Punjabi ate Rusi Sahit	Sukirat	23/10/2015	Self funding
17	Punjabi Natak ate Rangmanch	Jatinder Brarh	15/2/2016	Self funding
18	Pakistani Poet Ahemed Saleem	Ahemed Saleem	09/3/2016	Self Funding
19	Variam Singh Sandhu, renowned Punjabi writer	Variam Singh Sandhu	21/3/2016	Self Funding
20	Classic Literature	Jang Bahadur Goel, IAS	01/03/2017	Self funding

33. List the teaching methods adopted by the faculty for different programmes.

Programme	Teaching Method
M.Phil	Lecture, PP Presentation, Use of Multimedia
M.A	Lecture, Discussion, Class tests
B.A(Hons)	Lecture, Discussion, Class tests

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

The department plans its academic and extra curricular activities before the start of academic session. Regular departmental meetings are held to discuss teaching and learning outcomes of different courses. Frequent discussions, quiz, and tests are conducted. In addition, the performance of the students is tested in the house examinations.

35. Highlight the participation of students and faculty in extension activities.

The department organises various poetic, quiz, debate, declamation, public speaking programmes, poster making, essay writing competitions under Punjabi Sahit Sabha. Inter college competitions are also held every year.

36. Give details of “beyond syllabus scholarly activities” of the department.

Activity	Title	Organiser	Date	Funding Agency
Inter Department Competitions	Literary Competitions	Punjabi Sahit Sabha	14/4/2016	Self Funding
Inter Department Competitions	Declamation Contest	Punjabi Sahit Sabha	20/01/2017	Self Funding

The department organises various poetic, quiz, debate, declamation, group discussions, poster making and essay writing competitions. Educational trips are also organised for students.

37. State whether the programme/ department is accredited/ graded by other agencies. Give details. NO

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department:

Strength	Weaknesses
<ol style="list-style-type: none"> 1. Well established department to fulfill the needs of all courses. (Punjabi is compulsory in all courses) 2. Highly qualified faculty (19 out of 23 are Ph.Ds) 3. Well equipped library with 1880 books and 10 journals 4. Offering a number of courses 5. Has its own research journal 	<ol style="list-style-type: none"> 1. Lack of sufficient permanent staff 2. Poor academic background of students 3. Lack of sufficient infrastructure 4. Lack of smart room 5. Less number of students clearing competitive exams

Opportunities	Challenges
<ol style="list-style-type: none">1. To start Ph.D programme2. To publish literary magazine3. To start interdisciplinary courses4. To start Masters degree in linguistics5. To promote Punjabi language	<ol style="list-style-type: none">1. To compete with other colleges/ universities in providing quality education.2. To motivate students for research work3. To improve infrastructure in the department4. To impart training to students for various competitive examinations5. To start new courses for promotion of Punjabi language

39. Future Plans of the Department.

- To start Ph.D programme
- To start creative writing course
- To start Diploma in Urdu , Sanskrit & Persian
- To start interdisciplinary courses
- To promote Punjabi language
- To improve infrastructure of department.

Evaluative Report of Department of Sikh History Research

1	Name of the Department	Department of Sikh History Research
	Year of Establishment	1930
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	--
3	Interdisciplinary courses and departments involved	--
4	Annual/ semester/choice based credit system	N.A.
5	Participation of the department in the courses offered by other departments	--

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	01	01

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided in last 4 years
Dr. Inderjit Singh	M.A.Ph.D	Incharge	Sikh History	10	-

8. Percentage of classes taken by temporary faculty – programme-wise information

UG N.A.
PG N.A.

- 9. Programme-wise Student Teacher Ratio:** N.A.
- 10. Number of academic support staff (technical) and administrative staff: sanctioned and filled.** 02
- 11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.** N.A.
- 12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received** N.A.
- 13. Research facility / centre with** N.A.
- State Recognition
 - National Recognition
 - International Recognition

14. Publications:

Number of paper published in peer reviewed journals (national /international):

Name of Teacher	Paper Published	Monographs	Chapters in Books	Editing Books	Books with ISBN No.	Citations Index-range /average	SNIP	SJR	Impact Factor	h-index
Dr. Inderjit Singh	-	-	-	-	10	-	-	-	-	-

- 15. Details of patents and income generated:** N.A.
- 16. Areas of consultancy and income generated:** N.A.
- 17. Faculty recharging strategies: General Orientation Courses, Refresher courses, seminars, workshops, etc.** Nil

The faculty member attended :

- Refresher courses
- Seminars (Also presented papers in seminars)
- Seven days course on Soft Skills and Creative Writing
- Seven days Workshop on Women and Rural Technology organised by Institute of Ecology and Environment, Pathankot.

18. Student projects

- a) Percentage of students who have done in-house projects including inter-departmental**
- b) Percentage of students doing projects in collaboration with industries / institutes** N.A

19. Awards / recognitions received at the national and international level by

- Faculty :
- Doctoral / post doctoral fellows: Nil

• **Students :**

20. Seminars/ Conferences/Workshops organized and the source of funding (national /international) with details of outstanding participants, if any.

21. Student profile course-wise: N.A.

22. Diversity of Students: N.A.

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations? N.A.

24. Student progression: N.A.

25. Diversity of staff: N.A.

Percentage of faculty who are graduates	
Of the same parent university	N.A.
From other universities within the state	100
From other universities from other states	N.A.

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period. Nil

27. Present details about infrastructural facilities

S. No.	Facility	Details
a)	Library	Books :6416 Rare Books in English:442 (1682 to 1899) Rare Books in Punjabi: 43 (1833 to 1900)
b)	Manuscripts	601
	(i) Punjabi	207
	(ii) Urdu	042
	(iii) Sanskrit, Hindi	011
	(iv) Persian	219
	(v) English	123
c)	Newspaper files	380
d)	Magazines (bound in volumes) Phulwari, Sikh Review, Link etc.	35
e)	Total title newspaper and the Magazines (1904-1988)	181
f)	College magazines/Annual Reports (bound in volumes)	57
g)	Photographs/ Paintings	415
h)	Weapons of Khalsa Army	18
i)	Coins	07
j)	Books Published	21

28. Number of students of the department getting financial assistance from College: Nil

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology. N.A.

- 30. Does the department obtain feedback from**
- a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
 - b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?
 - c) Alumni and employers on the programmes and what is the response of the department to the same?

N.A.

- 31. List the distinguished alumni of the department:** N.A.
- 32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.** N.A.
- 33. List the teaching methods adopted by the faculty for different programmes.** N.A.
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?** N.A.
- 35. Highlight the participation of students and faculty in extension activities.**

N.A.

- 36. Give details of “beyond syllabus scholarly activities” of the department.**

N.A.

- 37. State whether the programme/ department is accredited/ graded by other agencies.**

N.A.

- 38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department**

Strengths

- The only Sikh history research department in the region.
- Collection of rare manuscripts and rare books
- Scholar from all over the world visit for research.
- Digitization and microfilming of rare manuscripts available.
- Houses Museum with rare artifacts.

39. Future plans of the department:

- To have separate building for the department.
- To establish departmental Library and Museum.
- To encourage research.

Evaluative Report of Department of Sociology

1	Name of the Department	Department of Sociology
	Year of Establishment	2009
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	U.G.: B.A. (Sociology Subject)
3	Interdisciplinary courses and the departments/units involved	Nil
4	Annual/ semester/choice Based credit system (programme wise)	Semester System
5	Participation of the department in the courses offered by other departments	B.A. Social Science, BPT-I, B.A. Hons. English

6. Number of Teaching post sanctioned and filled

Teaching posts	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Assistant Professor	-	02*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

List of Adhoc Faculty

S. No.	Name	Qualification	Designation	Specialization	No. of Yrs of experience	No. of Ph.D. Student guided for the last 4 ys
1	Dr. Sukhbir Singh	M.A, Ph. D. (NET)	Assistant Professor	Sociology	4 ½	...
2	Mr. Munish Kumar	M.A. M.Phil (NET)	Assistant Professor	Sociology	4 ½	...

8. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty

S. No.	Class	2012-13		2013-14		2014-15		2015-16		2016-17	
		Th	Pr	Th	Pr	Th	Pr	Th	Pr	Th	Pr
1	B.A.	100	-	100	-	100	-	100	-	100	-
2	B.A. Social Science	-	-	-	-	-	-	100	-	100	-
3	BPT-I	100	-	100	-	100	-	100	-	100	-
4.	B.A. Hons English	-	-	-	-	-	-	-	-	100	-

Th. = Theory, Pr. = Practical

9. Student -Teacher Ratio (programme wise)

S. No.	Class	2015-16		2016-17	
		Theory	Practical	Theory	Practical
1	B.A-I	70:1	-	88:1	-
2	B.A-II	78:1	-	56:1	-
3	B.A-III	40:1	-	69:1	-
4	B.A Social Science Part-I	34:1	-	20:1	-
5	B.A Social Science Part-II	-	-	26:1	-

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

At present, there is no ongoing project from National and International funding agencies

12. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

13. Research Centre /facility recognized by the University: Nil

14. Publications

S. No.	Name of Faculty	Paper Published National/International	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN number	Number listed in International dataB.A.se	Citation index	SNIP	SJR	Impact factor range	h-Index
1	Dr. Sukhbir Singh	1	-	-	-	-	-	-	-	-	-	-

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies

Faculty members are encouraged to attend seminar and conferences.

18. Student projects

a) **Percentage of students who have done in-house projects including inter departmental/programme:** Nil

b) **Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies:** Nil

19. Awards / Recognitions received by faculty and students : Nil

20. Seminars/ Conferences/Workshops organized & the source of funding

a. National : Nil

b. International : Nil

21. Student profile programme/course wise:

Name of the Course	Applications received	Selected	Appeared		Pass %age	
			Male	Female	Male	Female
2011-12						
B.A. –I	65	65	57	8	61	63
B.A. –II	24	24	12	10	100	100
B.A. –III	18	18	15	03	87	100
2012-13						
B.A. –I	113	113	51	11	61	73
B.A. –II	43	43	38	05	89	60
B.A. –III	25	25	15	10	93	100
2013-14						
B.A. –I	100	100	44	07	91	100
B.A. –II	86	86	59	09	98	100
B.A. –III	42	42	37	05	100	100
2014-15						
B.A. –I	149	149	86	19	73	89
B.A. –II	48	48	34	09	92	95
B.A. –III	75	75	51	08	82	100
2015-16						
B.A. –I	140	140	64	22	92	95
B.A. –II	78	78	61	14	93	93
B.A. –III	40	40	27	09	93	100
B.A. Social Sci.– I	34	34	20	10	85	100

22. Diversity of Students

	Percentage of students from		Outside the State
	The College	The State	
Year 2015-16			
B.A.	-	95	5
Year 2016-17			
B.A.	-	96	4

23 How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. : Nil

24. Student progression: 4 Students Pursuing Post graduate at GNDU, Amritsar

25. Diversity of the staff:

Percentage of the faculty who are graduates:	
Of the same parent university	100
From other university within the state	0
From other university from other state	0

26. Number of faculty who were awarded Ph.D., D. Sc., and D. Litt. during the assessment period (2011-16): Nil

27. Present details of Infrastructural facilities

S. No.	Facility	Details	No. of Books
1	Library	Main Library and Social Science Library	1279

28. Number of students receiving financial assistance from college, university, government or other agencies : Nil

29. Was any need assessment exercise undertaken before the development of new program(s) If so, give the methodology.

Recently Sociology as an interdisciplinary course has been introduced in B.A. (Social Science), B.A. (Hons.) English and BPT. The required exercise of need assessment has been taken up by the respective departments. Syllabus of ID course has been made after consulting subject experts and passed in the meeting of Board of Studies after discussion.

30. Does the department obtain feed Back from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from faculty on Curriculum design as well as teaching-learning-evaluation and the information obtained is utilized for the development of the syllabus, and expert lectures.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department for the same?

The student feedback on the staff, curriculum as well as teaching-learning-evaluation is obtained through interactions with students and tutorial groups at the college level.

(c) Alumni and employers on the programmes and what is the response of the department for the same? : Nil

31. List of the distinguished alumni of the department : Nil

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts : Nil

33. List of teaching methods adopted by the faculty for different programmes

- (a) Chalk and Talk Method
- (b) Quiz and discussions are held in the classroom.
- (c) Class room tests are conducted on monthly basis.
- (d) Discussions on latest trends in society on weekly basis.

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

The department sketches calendar for its academic year, and plan all the activities to be carried out in advance. Due care is taken to see that all activities are properly organized. learning outcome are monitored by class test, group discussion feedback, remedial classes through interactions with students.

35. Highlight the participation of students and faculty in extension activities.

The students actively participate in group discussions, quiz, debate, declamation contests.

36. Give the detail of “beyond syllabus scholarly activities of the department

The “beyond the syllabus scholarly activities” include the following

- (a) Quiz and debate in the class room
- (b) Student level Presentation and assignments

37. State whether the programme/department is accredited/graded by other agencies. Give details. : Nil

38. SWOC analysis of the department

Strengths	Weaknesses
1. Well qualified faculty with Ph.D.	1. Lack of an approved research centre
2. Inter disciplinary subject in many courses.	2. Shortage of permanent faculty
3. Sociology as a subject offered by few institutions of the region.	3. Shortage of online access to the various database required for research
4. Sociological society organizes “Offline Programme” for discussion on various social issues.	4. No post graduate programme
	5. Need for departmental Library.

Opportunities	Challenges
<ol style="list-style-type: none">1. To attract more students by motivating and counselling them regarding the scope of sociology.2. To recruit permanent faculty members.3. To set up a research centre.4. To provide coaching for competitive examinations.5. To start new courses.	<ol style="list-style-type: none">1. To compete with other departments/ institutions to attract good students.2. To introduce the subject as interdisciplinary course for other programmes.3. To improve infrastructure and other facilities.4. To organize regional or national level seminars or conferences.5. To update syllabus as per latest need of students and society.

39. Future plans of the department

The department plans

- To update syllabi of various classes.
- To establish departmental library.
- To recruit permanent teaching and non-teaching staff.
- To introduce P.G. Course.

Evaluative Report of the P.G. Department of Zoology

1	Name of the Department	P.G. Department of Zoology	
	Year of Establishment	1932	
2	Names of Programmes/ Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	PG courses	• M.Sc (Zoology)
		UG courses	• B.Sc (Medical)
3	Interdisciplinary courses and departments involved	Nil	
4	Annual/ semester/choice based credit system	Semester	
5	Participation of the department in the courses offered by other departments	Department-- <u>Course Name</u> Agriculture --B. Sc. Agriculture (Hons.) Biotechnology ---B. Sc. Biotechnology Chemistry ---M.Sc. Chemistry	

6. Number of teaching post sanctioned and filled

Teaching Posts	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	01	01
Assistant Professor	08	6+9*

*The college management has filled the posts on regular/contract/adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, experience and Ph.D./M. Phil. students guided in the last four years.

Regular Faculty

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. /M. Phil. students guided in the last 4 yrs
Dr. Jasjit Kaur Randhawa	M. Sc., Ph.D.	Associate Professor	Reproductive Physiology & Biochemistry	22	Nil
Dr. Jaswinder Singh	M. Sc., B. Ed. Ph.D.	Assistant Professor	Parasitology & Vermi-Technology	17	03 (Enrolled)
Dr. Zorawar Singh	M. Sc., B. Ed. Ph.D.	Assistant Professor	Animal Physiology & Genotoxicology	13	Nil

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. /M. Phil. students guided in the last 4 yrs
Dr. Amandeep Singh	M. Sc., B. Ed. Ph.D.	Assistant Professor	Parasitology	13	Nil
Mr. Randeep Singh	M. Sc., B. Ed. M. Phil.	Assistant Professor	Entomology	06	Nil
Dr. Rajbir Kaur	M. Sc., M. Phil., Ph.D.	Assistant Professor	Aquatic Biology	01	Nil
Ms. Satinder Kaur Pannu	M. Sc., Ph. D.	Assistant Professor	Aquatic Biology	01	Nil

Ad-hoc Faculty

Dr. Kapila	M. Sc., Ph.D.	Assist. Professor	Human Genetics	02	Nil
Dr. Garima	M. Sc., Ph.D.	Assistant Professor	Entomology	03	Nil
Ms Sukhpreet Kaur	M. Sc., B. Ed.	Assistant Professor	-----	05	Nil
Ms Harsharan Kaur	M. Sc., B. Ed.	Assistant Professor	-----	03	Nil
Ms. Supreet Kaur	M. Sc., B. Ed.	Assistant Professor	-----	02	Nil
Ms. Manpreet Kaur	M. Sc., B. Ed., M. Ed	Assistant Professor	-----	01	Nil
Ms. Mandeep Kaur	M. Sc., pursuing Ph. D.	Assistant Professor	Entomology	01	Nil
Dr. Gurleen Kaur Tung	M. Sc., Ph. D.	Assistant Professor	Human Genetics	01	Nil
Ms. Roohani Sharma	M. Sc.	Assistant Professor	-----	01	Nil

8. Percentage of classes taken by temporary faculty (Programme-wise information) :

Class	(2012-13)	(2013-14)	(2014-15)	(2015-16)	(2016-17)
B. Sc. Medical	45	50	40	40	56
B. Sc. Agriculture	100	100	100	66	60
B. Sc. Biotechnology	100	100	100	50	83
M. Sc. Zoology	40	45	40	40	35
M. Sc. Chemistry	100	100	100	100	100

9. Programme-wise Student Teacher Ratio:

Class	(2015-16)	(2016-17)
B.Sc. (Medical)	15:1	15:1
M. Sc. (Zoology)	17 : 1	17 : 1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Posts	Technical		Administrative	
	Sanctioned	Filled	Sanctioned	Filled
S.L.A	--	--	01	0
J.L.A.	01	01	-	-
L.A.	02	00	-	-
Sewadar	01	00	-	-
Sweeper	01	00	-	-

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

Ongoing Projects

Name of the teacher	Title	Funding Agency	Amount Sanctioned (Rs.)	Duration
Dr. Jaswinder Singh	Ecological and taxonomic distribution of earthworm in Punjab: Effect of soil quality and heavy metals	DST, New Delhi	27,27,360/-	3 Years
Dr. Amandeep Singh	Assessment of efficacy of some indigenous plant extracts against Myiasis causing larvae of <i>Chrysomya bezziana</i> (Diptera: Calliphoridae)	UGC, New Delhi	12,80,800/-	3 Years
Dr. Zorawar Singh	Assessment of DNA damage, oxidative stress and blood lead levels in the battery manufacture workers occupationally exposed to lead.	UGC, New Delhi	3,05,000/-	2 Years

Completed Projects

Name of the teacher	Title	Funding Agency	Amount Sanctioned (Rs.)	Duration
Dr. Jaswinder Singh	Bioremediation of effluents generated by beverage and paper industries using <i>Eisenia fetida</i> .	UGC, New Delhi	1,25,000	2 Years
Dr. Jasjit Kaur Randhawa (PI) Dr. Zorawar Singh (Co-PI)	Biomonitoring of DNA damage by comet assay (SCGE) in people living in industrial area of Amritsar.	UGC, New Delhi	75,000	2 Years
Dr. Jaswinder Singh (PI) Dr. Zorawar Singh (Co-PI)	To study the ground water quality and scalp hair heavy metal accumulation in the people living near Hudiara drain, Amritsar, Punjab.	Punjab state council for science and technology, Chandigarh	1,45,000	1 Year

12. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received:

Funding Agency	Number of Projects	Amount Sanctioned (Rs.)
UGC	03	14,80,800/-
DST	01	27,27,360/-

13. Research facility / centre with:

- State recognition :
- National recognition :
- International recognition:

The affiliating University does not allow the creation of research centre.

14. Publications:

Name of the Teacher	Publications: Number of papers published in peer reviewed journals (national/international):	Chapters in Books	Books with ISBN numbers with details of publishers	Number listed in International Database (For e.g. Web of Science, Scopus, Dare Database EBSCO host)	Citation Index – range/ average	SNIP average/ range	SJR average/ range	Impact factor – average/ range	H-index	I- Index
Dr. Jasjit Kaur Randhawa	Nat: 01 Innat:02	--	--	--	01	--	--	--	--	--
Dr. Jaswinder Singh	Nat: 03 Innat:24	02		100%	294	0.432 (0.715- 1.820)	0.379 (0.323- 2.303)	1.209 (0.416- 5.60)	07	07
Dr. Zorawar Singh	Nat: 00 Innat:23	01	--	--	67	0.293 (0.053- 3.66)	0.194(0.11- 2.078)	0.83 (0.063- 3.881)	05	03
Dr. Amandeep Singh	Nat: 01 Innat:03	--	--	--	18	0.508 (0.179- 0.959)	0.491 (0.139- 0.940)	(0.8- 2.1) 0.725	--	--
Mr. Randeep Singh	Nat: 01 Innat:02	--	--	--	--	--	--	--	--	--
Dr. Rajbir Kaur	Nat: 02 Innat:06	--	--	--	--	0.657 (0.634- 0.952)	0.491 (0.313- 0.974)	(0.3- 5.11) 2.04	--	--
Dr. Satinder Kaur Pnnu	Nat: 01 Innat:02	--	--	--	15	0.308 (0.897- 0.952)	0.321 (0.886- 1.04)	1.877 (0.052- 2.819)	02	
Dr. Kapila	Nat: 02 Innat:05	01			2	--	--	0.370	01	--
Dr. Garima	Nat: 03 Innat:00	--	--	--	--	--	--	--	--	--
Ms. Mandeep Kaur	Nat: 00 Innat:02	--	--	--	04	1.21 (0.991- 1.43)	1.098 (0.938- 1.258)	(1.7- 2.8) 2.25	01	--
Dr. Gurleen Kaur	Nat: 00 Innat:02	--	--	--	--	--	--	0.765	--	--
	Nat=14 Innat=71									
Total	85	04								

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies: The faculty members are encouraged to organize/ attend the:

- (a) General orientation courses and refresher courses.
- (b) Short term courses to sharpen specialized skills related to the subject.
- (c) Workshops to enhance the practical hand on training related to their specialized fields.
- (d) Seminars to update their knowledge in the upcoming study fields in relation to their specialized fields of expertise.
- (e) Conferences
- (f) Engaging faculty in non academic fields including quiz, poster, declamation, essay writing etc.

18. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme:

S. No.	Course	Number of students who have done in house projects during 2015-16	Percentage
1	M.Sc. Zoology	(5 out of 35 M.Sc. students)	14

b) Percentage of students doing projects in collaboration with industries/institutes:

7% (Punjab State Council, Chandigarh) (2 out of 30 M.Sc. students)

19. Awards / Recognitions received by faculty and students

Awards received by Faculty:

Name of the teacher	Award	Conferred by
Dr Jaswinder Singh	Best Poster Award	Earthworm diversity in different land use pattern in District Amritsar, Punjab In: International conference on Environmental Mutagenesis, Carcinogenesis and Health, Feb 17-19, 2016.
	ProSPER.Net Scopus Young Scientist Award	United Nation University, Japan in July, 2015
	Alexander Humboldt Research Fellowship, Germany	United Nation University, Japan in July, 2015 (One year duration)
	Special Invited Paper presentation	International Forum for Sustainable Asia and the Pacific, July 28-29, 2015, Pacifico Yokohama, Japan.
Dr Zorawar Singh	Best Poster Award	National Conference on “Man and Environment” organized by Department of Zoology and Environment Sciences, Punjabi University, Patiala 2014
Dr Satinder Kaur Pannu	Best Poster Award	International conference on Environmental Mutagenesis, Carcinogenesis and Health and 40 th Annual meeting of Environmental Mutagen society of India (EMSI) held at Guru Nanak Dev University, Amritsar, India, Feb 17 -19, 2016.

Faculty	Doctoral/Post doctoral fellows	Students
03	Inspire Scholarship- Shweta PDF Australia -Dr Amritpal Kaur	04 University Toppers

20 Seminars/ Conferences/Workshops organized & the source of funding

S. No.	Date	Name of the activity	Title	Guest	Sponsorship/ Collaboration	Detail of outstanding participant
1	March 8, 2016	One day seminar	“Climate Change and Swachh Bharat Abhiyan”	Dr. Kanwalpreet Kaur, PSCST, Chd.	Punjab State Council for Science and Technology, Chandigarh	School teachers-40, P.G. students-60, Forest dept. officials-10
2	March 1, 2016	National science day	“Make in India: Science and Technology Driven Innovations” Poster, Quiz & Debate Competitions	----	Punjab State Council for Science and Technology, Chandigarh	All B. Sc. and M. Sc. students and Faculty members
3	Feb 10, 2016	Training & capacity building programme	“Biodiversity issues and Biological Diversity Act 2002”	Mr. Gurharminder Singh, PSCST, Chd.	Punjab State Council for Science and Technology, Chandigarh	All B. Sc. and M. Sc. students and Faculty members
4	Sept 17, 2015	A district level workshop	“Fisherman Livelihood – Dependence on wetlands of Punjab”	Dr. S.K. Saxena, PSO, PSCST, Chd.	Punjab State Council for Science and Technology, Chandigarh	Fisherman-80, P.G. students-50, Faculty members-20.
5	Feb 12, 2014	One day workshop	“Apiculture & Honey Testing”	Jaswinder Bhatia and Mandhir Singh Farmer Training Centre, Khalsa College Amritsar		
8	Jan 21 - 25, 2013	5 Day District level workshop	Puppetry for Science and Technology Communication	Govt. School teachers, students and Faculty members	Punjab State Council for Science and Technology, Chandigarh, NCSTC, GOI New Delhi.	Dr. B.K. Tyagi (Vigyan prasar, DST, New Delhi), Govt. School teachers, students and Faculty

S. No.	Date	Name of the activity	Title	Guest	Sponsorship/ Collaboration	Detail of outstanding participant
						members
10	Sept 17–20, 2012	4 Day Training Workshop	“Scientific Explanation of Miracles”	Govt. School teachers, students and Faculty members	Punjab State Council for Science and Technology, Chandigarh & Department of Science & Technology, Govt. of India, New Delhi.	Dr. D.K. Pandey (Chief guest from DST, New Delhi), Govt. School teachers, students and Faculty members
11	Sept 15, 2012	One day workshop	“Solid Waste Management”	Dr. V. K. Garg, Assoc. Professor, Department of Environmental Sciences and Engineering, Guru Jambheshwar of University Science and Technology, Hisar	Zoological Society	B. Sc. Medical and M. Sc Zoology Students and faculty members
	September 21, 2012	One day workshop	“Solid Waste Management”	Dr. V. K. Garg, Associate Professor, Department of Environmental Sciences and Engineering, Guru Jambheshwar of University Science and Technology, Hisar		
12	Nov 29- Dec 1, 2011	19 th State Level Children Science Congress.		Students of secondary and senior secondary class- Approx. 300 students.	Punjab State Council for Science and Technology, Chandigarh, catalyzed & supported by NCSTC, GOI New Delhi.	Students of secondary and senior secondary class- Appx. 300 students.

21. Student profile programme/course wise:

Name of Course	Applications Received	Selected			Pass Percentage
		Male	Female	Total	Total
2011-12					
B.Sc.Med.-I Yr.	70	09	57	66	75.75
B.Sc.Med.-II Yr.		04	12	16	100
B.Sc.Med.-III Yr.		01	14	15	100
M.Sc.(Zoo.)-I Yr.	45	-	25	25	100
M.Sc.(Zoo.)-II Yr.		-	25	25	100
2012-13					
B.Sc.Med.-I Yr.	150	20	121	141	91.5
B.Sc.Med.-II Yr.		07	43	50	100
B.Sc.Med.-III Yr.		04	13	17	100
M.Sc.(Zoo.)-I Year	49	03	22	25	100
M.Sc.(Zoo.)-III Year		-	24	24	95.23
2013-14					
B.Sc.Med.-I Yr.	197	27	137	164	75.0
B.Sc.Med.-II Yr.		09	100	109	71.0
B.Sc.Med.-III Yr.		03	34	37	88.88
M.Sc.(Zoo.)-I Yr.	46	02	28	30	89.65
M.Sc.(Zoo.)-II Yr.		03	24	27	88.0
2014-15					
B.Sc.Med.-I Yr.	200	22	164	186	91.84
B.Sc.Med.-II Yr.		12	110	122	74.56
B.Sc.Med.-III Yr.		09	96	105	89.85
M.Sc.(Zoo.)-I Yr.	46	04	26	30	100
M.Sc.(Zoo.)-II Yr.		02	27	29	100
2015-16					
B.Sc.Med.-I Yr.	199	20	160	180	92.3
B.Sc.Med.-II Yr.		19	126	145	87.7
B.Sc.Med.-III Yr.		10	105	115	98.96
M.Sc.(Zoo.)-I Yr.	115	02	33	35	94.28
M.Sc.(Zoo.)-IIYr.		04	26	30	100

22. Diversity of Students:

Name of the Course	Percentage of students from the college	Percentage of students from the State	Percentage of students from other States	Percentage of students from other Countries
2015-16				
M. Sc. Zoology	20	42	38	Nil
2016-17				
M. Sc. Zoology	14	35	51	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE, and any other competitive examinations? Nil

24. Student Progression:

Student progression	Percentage against enrolled
UG to PG	50
PG to M.Phil.	5
PG to Ph.D.	10
Ph.D. to Post-Doctoral	----
Employed	
a) Campus selection	Nil
b) Other than campus recruitment	80
Entrepreneurs	10

25. Diversity of Staff:

Percentage of the faculty who are graduates	
Of the same parent university	69
From other universities within the States	19
From other universities from other States	12

26. Number of faculty who were awarded Ph.D. during the assessment period:

Degree awarded	Number of faculty members
Ph.D	07

27. Present details about Infrastructural facilities:

S. No.	Facility	Detail
a)	Library	Books: 1978 Journals: 07
b)	Internet facilities for Staff & Students	03 Computers with 4G Wi-Fi facility
c)	Total number of class rooms	08
d)	Class rooms with ICT facility	02
e)	Students' Laboratories	03
f)	Research Laboratories	01

28. Number of students receiving financial assistance from college, university, government or other agencies:

Class	No. of students receiving financial assistance from		
	College	Govt.	Total
B.Sc. Med.	44	33	77
M.Sc. Zoology	06	04	10

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Student feedback is collected and discussed with student representatives. Special meetings are organized involving subject experts and departmental faculty to evaluate the suggestions and feedbacks. After considering the scope and feasibility of new programme it is discussed and finalized by the BOS.

30. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

- Regular meetings are held with the faculty member for teaching learning evaluation and to discuss various problems faced by the teacher during theory and practical classes.
- The library is regularly updated to provide latest books.
- Purchase of new equipment for hands on training and demonstrations.

(b) Student on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

The student feedback regarding any kind of difficulty faced by them in classroom teaching, infra structure, syllabi (theory and practical), staff and any other field is collected by holding class discussion and tutorials. The assessment reports are summarized and analyzed depicting the nature of difficulty. Suitable methods are used to resolve the issues. Suggestion based changes are regularly implemented in all the UG and PG classes.

(c) Alumni and employers on the programmes and what is the response of the department to the same?

Feedback regarding curriculum and the placements of the students is obtained from the alumni during alumni meetings. An illustrious alumnus is appointed as members of Board of Studies for deliberations on introduction of new courses/syllabi having practical approach so that students get benefits in competitive examinations as well as industrial and educational sectors.

31. List of the distinguished alumni of the department

S. No.	Name	Designation	Institutions
1.	Dr Daljeet Singh	Eye Surgeon	Dr Daljeet Singh Eye Hospital, Amritsar
2.	Dr Navpreet Singh	Surgeon	Navpreet Hospital, Amritsar
3.	Dr Amandeep Kaur	Doctor	Amandeep Hospital, Amritsar
4.	Dr Rakesh Joshi	Associate Professor	Hindu College Amritsar
5.	Dr Ms. Kawaljit Kaur	Principal	SPN College, Mukerian.
6.	Sh. Davinder Palyal	Inspector, Income tax	Income Tax Dept. Amritsar.

32. Give details of the student enrichment programmes (special lectures/workshops/ seminars) with external experts

S. No.	Date	Name of the activity	Title	Guest
1.	Feb 16, 2016	One day seminar	“Solid waste management”	Dr Keshav Singh, Gorakhpur University
2.	March 1, 2016	National science day	“Make in India: Science and Technology Driven Innovations” Poster, Quiz & Debate Competitions	----

S. No.	Date	Name of the activity	Title	Guest
3.	Oct 15, 2015	One day Seminar; & Salad Making & Poster Competition	“Water and Climate Change”	Dr. Arun Kansal, TERI University, New Delhi
4.	April 18, 2015	National Seminar	Climate Change and Sustainable Development	Dr. S.S. Hundal and Dr. K.S. Khera, Deptt. of Zoology, PAU, Ludhiana.
5.	Feb 28, 2015	National Science Day	“Science for Nation Building” & Quiz and Poster Competition	Dr. Sukhdev Singh, Prof., Dept. of Molecular Biology and Biochemistry; & Dr Vandana Bhalla, Dept. of Chemistry, GNDU Amritsar
6.	Jan 28, 2015	One day workshop	“Water Quality Testing”	Dr. Manpreet Singh Bhatti, Dept. of Botanical and Environmental Sciences, GNDU, Amritsar
7.	Oct 30, 2014	National Science Day	“Scientific Temperament” & Quiz and Poster Competition	Dr. S. S. Hundal, Prof., Department of Zoology, PAU Ludhiana & Dr Ravi Chand, Dept. of Physics, GNDU Amritsar
8.	July 22, 2014	Guest lecture	‘Regeneration in Hydra’	Dr. S.S. Ghaskadbi, Agarhkar Institute, Pune
9.	Feb 6, 2014	Guest lecture	“Role of library in Scientific Research”	Prof. Dr. Sewa Singh (Retd.), Department of Guru Nanak Dev University, Amritsar
10.	Sept 7, 2013	National Science Day	“Genetically Modified Crops and Food Security” & Quiz and Poster Competition	Dr Avinash Nagpal, Prof. Dept. of Botany, GNDU Amritsar
11.	Feb 20, 2013	One day workshop	Bee Keeping	Mr. Jaswinder Singh Bhatia Farmer Training Center Khalsa College Amritsar
12.	Jan 24, 2013	Extension Lecture	“Vermicomposting”	Dr. Keshav Singh, Gorakhpur University
13.	Nov 6, 2012	Extension Lecture	“Biodiversity”	Dr. Anish Dua, Professor, Department of Zoology, Guru Nanak Dev University, Amritsar
14.	Oct 30, 2012	Extension lecture	“Neurobiology”	Dr. Maheep Bhatnagar, Professor, Department of Zoology, Udaipur University
15.	Oct 30, 2012	National Science Day	“Cleaner Energy Options & Nuclear Safety”: Seminar-‘Nuclear Energy’ & Quiz and Poster Competition	Dr Atul Khanna, Assistant Professor, Department of Physics, Guru Nanak Dev University, Amritsar,

33. List of teaching methods adopted by the faculty for different programmes:

Undergraduate programmes	Postgraduate programmes
Lecture based method assisted by:	Modern teaching methods practiced and use of ICT in teaching - learning
i) Demonstration method	i) Power point presentation
ii) Classical model (using charts)	ii) Multimedia
iii) Overhead Projector	iii) C.C.T.V. System
iv) Visualizer	iv) Live slide imaging system with LCD

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

Following measures are taken to ensure the implementation of objectives:

- Regular class test
- Motivation through intra- and inter-class competitions.

35. Highlight the participation of students and faculty in extension activities:

Faculty members regularly organize and participate in various extension activities. Large numbers of students enthusiastically in the activities like:

- Quiz competition
- Debate competition
- Poster competition
- Workshops
- Seminars

36. Give the detail of “beyond syllabus scholarly activities” of the department:

The students of the department are encouraged to participate in the programmes like:

- NCC activities like parade, camps and yoga day etc.
- NSS programmes like drug de-addiction, female foeticide, women trafficking, road safety, cleanliness drives and yoga day, etc.
- Educational tours and trips
- Cultural programmes

37. State whether the programme/department is accredited/graded by other agencies. Give details.

No

38. SWOC analysis of the department:

Strengths	Weaknesses
1. Highly qualified and experienced staff 2. Faculty members are involved in quality research work with running projects sponsored by DST, UGC and Punjab State Council for Science and Technology as well as with international collaboration. 3. Ambient teaching environment. 4. Classes equipped with OHP and multimedia. 5. Department regularly organizes quiz, debate and poster competition; workshops, seminars and educational trips for the enrichment of students.	1. Lack of computer lab with internet facility. 2. Lack of provision for guiding Ph.D. students. 3. Need of a seminar hall for frequent seminars and interactions. 4. Lack of online access to journals. 5. Need of latest research equipment.
Opportunities	Challenges
1. To introduce research programmes. 2. To start interdisciplinary courses. 3. To increase participation of students and faculties in attending/organizing workshop/seminar 4. To update infrastructure.	1. To enhance quality of education/research 2. To attract students of good academic background from this and neighbouring states. 3. To prepare students for better placements. 4. Establishment of well equipped research centre. 5. Guidance to Ph.D students 6. To publish books and manuals

39. Future plans of the department

- To introduce Project Work in M. Sc. Zoology.
- Introduction of Short-term Laboratory Training Programs for first hand practical knowledge.
- To establish a well equipped Computer-Internet laboratory.
- To organize larger number of Advanced Lectures/workshops by Eminent Scientists.
- Encouraging student to student interaction with other universities or institutes.
- Holding Inter-departmental seminars to encourage multi-disciplinary understanding.
- To strengthen research work by submitting research proposal to different funding agencies.
- Submitting of Research Projects.
- Publishing Research Papers

Evaluative Report of Department of Psychology

1	Name of the Department	Department of Psychology
	Year of Establishment	2015
2	Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.A.
3	Interdisciplinary courses and the departments/units involved	Nil
4	Annual/ semester/choice Based credit system (programme wise)	Semester System
5	Participation of the department in the courses offered by other departments	B.A- (Social Sciences) BPT M. Phil. B.Sc.Hons (Chemistry and Physics)

6. Number of Teaching post sanctioned and filled

Teaching posts	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Assistant Professor	-	01*

*The college management has filled the post on adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Yrs of experience	No. of Ph.D. Student guided for the last 4 ys
1	Ms Nagma Thakur	Pursuing Ph.D	Assistant Professor	Sports Psychology, Counseling.	01	....

8. Percentage of the classes taken by temporary faculty-programme-wise:

S. No.	Class	Percentage of the lectures taken by temporary faculty	
		2015-16	2016-17
1	B.A I,II,III	100	100
2.	BPT-I	100	100
3,	B.A. (Social Sciences)	100	100

9. Programme wise Student Teachers Ratio:

S. No.	Class	2015-16		2016-17	
		Theory	Practical	Theory	Practical
1	B.A. I	03:1	03:1	31:1	31:1
2	B.A. II			03:1	03:1
3	B.A. III	01:1	01:1		
4	B.A. Sem IV (Social Science)			35:1	-
5	BPT 2 nd year			28:1	-

10. Number of academic support staff (technical) and administrative staff:

Nil

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grant received :

Nil

12. Departmental Projects funded by DST-FIST, DBT, ICSSR etc. Total grant received:

Nil

13. Research facility /centre with State recognition/ national recognition/ international recognition:

Nil

14. Publications:

Nil

15. Detail of patents and income generated:

Nil

16. Areas of consultancy and income generated :

Nil

17. Faculty recharging strategies: The faculty members attend seminars, conferences, refresher courses etc, conducted by the various Institutions and Universities.

18. Student projects:

a) Percentage of students who have done in-house projects including interdepartmental:

Nil

19. Awards/recognitions received at national and international level:

Nil

20. Seminar/ conferences/ workshops organized and source of funding (national/international) with details of outstanding participants, if any:

Nil

21. Student profile course-wise:

class	Session	Applications received	Selected		Pass percentage
			Male	Female	
B.A Sem-II	2015-16	4	1	3	75
B.A Sem-II	2016-17	34	24	10	88.8

22. Diversity of Students:

Year	Name of the course	Percentage of students from the			
		College	State	Other State	Other Universities
2016-17	B.A	--	100	---	----

23. How many students have cleared civil services, defense services, NET, SLET, GATE and other competitive examinations: Nil

24. Student Progression: Nil

25. Diversity of staff:

Percentage of faculty who are graduate	
Of the same parent university	100
From other university within the State	0
From other university from other states	0

26. Number of faculty who were awarded Ph.D. /D.Sc. /D. Litt. during the academic period: Nil

27. Present detail of the infrastructural facilities

Psychology lab	01
Library	Books are available in main library

28. Number of students of the department getting financial assistance from the college: Nil

29. Was any need assessment exercise undertaken before the development of new programmes: Nil

30. Does the department obtain feedback from

a) **Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize it?** N.A.

b) **Students on staff, curriculum as well as teaching-learning evaluation and what is the response of the department to the same?**

Feedback from students is regularly taken regarding the curriculum and teaching –learning evaluation process. The feedback obtained from students is also discussed with staff and necessary steps are taken to sort-out the problems. Students also give suggestions on the working of the department which are implemented to improve the overall functioning of the department.

c) **Alumni and employers on the programme and what is the response of the department to the same?** N.A.

- 31. List of Distinguished alumni of the department:** N.A.
- 32. Give the details of student enrichment programmes (special lectures/ workshop/ seminar) with external expert:** Nil
- 33. List the teaching methods adopted by faculty for different programmes:**
- Lecture Method
 - Use of Psychological equipments, tests and manuals.
 - Use of PPT, assignments, discussion.
- 34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?**
 Learning outcome monitored by:
- Discussion with students
 - Class tests
 - House tests
- 35. Highlights the participation of students and faculty in extension activities:** Nil
- 36. Give the details of “beyond syllabus scholarly activities of the department:**
 Nil
- 37. State whether the programme/department is accredited/graded by other agencies. Give details :** N.A.
- 38. Details of any five strengths, weakness, opportunities and challenges of the department**

Strengths	Weaknesses
<ol style="list-style-type: none"> 1. Qualified Staff 2. Psychology laboratory for imparting practical training. 3. Psychology helps in over all personality development and help in stress managements skills. 4. Psychology is introduced as an inter-disciplinary subject in many courses. 	<ol style="list-style-type: none"> 1. Requirement of permanent faculty 2. Lack of separate building and infrastructure. 3. Most of the students are not opting this subject due to lack of awareness. 4. Books in regional languages are not available.
Opportunities	Challenges
<ol style="list-style-type: none"> 1. To update infrastructure. 2. To attract more students in this course. 3. To prepare students for various competitions. 4. To involve students in various extension activities. 	<ol style="list-style-type: none"> 1. To compete with other departments , colleges offering this course. 2. To establish the department, both academically and infrastructure wise. 3. To create awareness among students 4. To procure books in regional languages. 5. To organize national seminars

39. Future Plan of the Department

1. To improve the laboratories and class rooms.
2. To provide smart class room.
3. To update syllabi of various classes.
4. To have departmental library.
5. To recruit permanent teaching and non-teaching staff.
6. Counseling sessions for the students to solve their personal and emotional problems.

Evaluative Report of Department of Geography

1	Name of the Department	Department of Geography
	Year of Establishment	2016
2	Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)	B.A
3	Interdisciplinary courses and the departments/units involved	Nil
4	Annual/ semester/choice Based credit system (programme wise)	Semester System
5	Participation of the department in the courses offered by other departments	B.A. (Social Sciences) B.Sc. Hons (Chemistry, Physics)

6. Number of Teaching post sanctioned and filled

Teaching posts	Sanctioned	Filled
Professor	-	-
Associate Professor	-	-
Assistant Professor	-	01*

*The college management has filled the post on adhoc basis from their own funds.

7. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No. of Yrs of Experience	No. of Ph.D. Student guided for the last 4 ys
1	Dr. Jaspal Gill	Ph.D.	Assistant Professor	Migration and Fertility	08	....

8. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

S. No.	Class	Percentage of the lectures taken by temporary faculty	
		2015-16	2016-17
1	B.A I,11,111	100	100

9. Student -Teacher Ratio (programme wise)

S. No.	Class	2016-17	
		Theory	Practical
1	B.A –I	25:1	15:1
2	B.A (Social Science)	35:1	35:1

10. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

11. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: Nil

12. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

13. Research Centre /facility recognized by the University: Nil

14. Publications

S. No.	Name of Faculty	Paper Published National/International	Monographs	Chapter(s) in Books	Editing Books	Books with ISBN number	Number listed in International dataB.A.se	Citation index	SNIP	SJR	Impact factor range	h-Index
1	Dr. Jaspal Gill	-	-		1		-	-	-	-	-	-

15. Details of the patents and income generated: Nil

16. Areas of consultancy and income generated: Nil

17. Faculty recharging strategies
Faculty members are encouraged to attend seminars, workshops and conferences.

18. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: Nil

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies: Nil

19. Awards / Recognitions received by faculty and students : Nil

S.No.	Name of the faculty	Awards/Recognitions
1	Dr. Jaspal Gill	<ul style="list-style-type: none"> • Government of India Fellowship for: (i) Master of Arts (ii) Master of Philosophy (iii) Indian Association for the Study of Population(IASP) Fellowship for Ph.D. • Membership of various organizations <ul style="list-style-type: none"> - Life Member of Indian Association for the Study of Population (IASP). - Life Member of Association of Population Geographers of India.

20. Seminars/ Conferences/Workshops organized & the source of funding

- a. National : Nil
b. International : Nil

21. Student profile programme/course wise:

Class	Session	Applications received	Selected		Pass percentage	
			Male	female		
B.A	2016-17	50	43	07	95.4	85.7

22. Diversity of Students

Class	Session	Percentage of students from		
		The College	The State	Outside the State
B.A.	2016-17	-	96	4

23 How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. : Nil

24. Student progression: Nil

25. Diversity of the staff:

Percentage of the faculty who are graduates:	
Of the same parent university	0
From other university within the state	0
From other university from other state	100

26. Number of faculty who were awarded Ph.D., D. Sc., and D. Litt. during the assessment period (2011-16): Nil

27. Present details of Infrastructural facilities

S. No.	Facility	Details
1	Geography lab	one

28. Number of students receiving financial assistance from college, university, government or other agencies : Nil

29. Was any need assessment exercise undertaken before the development of new program(s). If so, give the methodology. N.A.

30. Does the department obtain feed back from:

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

The department obtains feedback from faculty on Curriculum design as well as teaching-learning-evaluation and the information obtained is utilized for the development of the syllabus, and expert lectures.

(b) Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department for the same?

The student feedback on the staff, curriculum as well as teaching-learning-evaluation is obtained through interactions with students and by tutorial groups at the college level.

(c) Alumni and employers on the programmes and what is the response of the department for the same? : Nil

31. List of the distinguished alumni of the department : Nil

32. Give details of the student enrichment programmes (special lectures/workshops/seminars) with external experts : Nil

33. List of teaching methods adopted by the faculty for different programmes:

- (a) Lecture Method
- (b) Use of Maps and Models
- (c) Use of Multimedia.
- (d) Group Discussion.

34. How does the department ensure that programme objectives are constantly met and learning outcome monitored?

- Discussion with students
- Class test
- House test

35. Highlight the participation of students and faculty in extension activities. Nil

36. Give the detail of “beyond syllabus scholarly activities of the department.

Nil

37. State whether the programme/department is accredited/graded by other agencies. Give details. :

Nil

38. SWOC analysis of the department:

Strengths	Weaknesses
<ol style="list-style-type: none">1. Qualified Staff2. Geography laboratory for imparting practical training.3. Latest Models available in the department.4. Geography as an interdisciplinary subject in many courses	<ol style="list-style-type: none">1. Requirement of permanent faculty2. Lack of separate building and infrastructure.3. Most of the students are not opting this subject due to lack of awareness.4. Books in regional language not available.
Opportunities	Challenges
<ol style="list-style-type: none">1. To update infrastructure to attract more students in this course.2. To prepare students for various competition.3. To involve students in various extension activities.	<ol style="list-style-type: none">1. To compete with other departments, colleges offering this course.2. To establish the department both academically and infrastructure wise.3. To create awareness among students.4. To organize national seminars.

39. Future plans of the department

The department plans

1. To improve the laboratories and class rooms
2. To provide smart class room.
3. To update syllabi of various classes.
4. To have departmental library.
5. To recruit permanent teaching and non-teaching staff.

POST ACCREDITATION INITIATIVES

Khalsa College Amritsar has been through two rounds of accreditation and has received A-Grade ratings on both occasions i.e. in the year 2003 and 2011. The college has gained recognition in the UGC award of a college with Potential for Excellence status, the Star College award of the DBT and recognition for FIST by DST. Its students have excelled in academics, sports and co-curricular activities as well as in the increased number of placements they are offered. Its alumni have gained national and international recognition in the fields of sports, cultural, administration, defence and academics.

The process of accreditation has helped the college to identify and articulate its strengths and weaknesses. It has endowed a new sense of direction and identity to this premier institution of North India. The process has motivated the college to have intra and inter-institutional interactions to take substantial and meaningful initiatives in strengthening teaching-learning process, to undertake quality related research, consultancy and training programmes.

The peer team made ennobling observations for quality enhancement. Being one of the oldest and heritage institution, Khalsa College is endeavouring to transform a traditional institution into a modern vibrant institution keeping pace with the times, yet retaining the traditional values and vision. The college has undertaken many quality sustenance and enhancement initiatives in the last five years.

The college seriously studied the recommendations of Peer Team and deliberated and reviewed the suggestions in meetings of various college statutory bodies so as to undertake measures for the development of academic standards viz. introduction of new courses, increase in number of seats, infrastructural developments, promotion of serious and productive research culture, strengthening of career guidance, placement and counselling cell.

The post accreditation initiatives taken by the college are:

1. Conferring of Autonomous Status by U.G.C. in 2013.
 2. Conferred UGC- CPE (3rd stage) Status and sanctioned grant of Rs.1.5 crore.
 3. Conferred Heritage Status by UGC in 2016.
 4. Implementation of e-governance for administrative and academic work.
 5. Introduction of New Courses :
- **Research Degree Courses:** M.Phil. in English, Punjabi, Commerce and Political Science.
 - **P.G. Courses :** M.Sc. Agriculture (Soil Science, Vegetable Science, Entomology), M.Sc. Food Science & Technology, M.Sc. Biotechnology, M.Sc. Chem. (Pharmaceuticals), Master in Physiotherapy, Master of Journalism & Mass Communication, M.A. History, M.A. Performing Arts (Theatre/Music/Dance), M.A. Fine Arts.
 - **U.G. Courses:** B.Sc. (Hons.) Physics, B.Sc. (Hons.) Chemistry, B.Com. (Hons.), B.A. (Social Sciences), Bachelor in Journalism & Mass

- Communication, B.Sc. Fashion Designing, B.A. (Hons.) Punjabi & B.A. (Hons.) English.
- **P.G. Diploma:** Diploma in Financial Services (Banking & Insurance).
 - **Diploma Courses :** Diploma in Computer Applications, Diploma in Retail Management, Diploma in Computerized Accounting, Diploma in Landscaping, Diploma in Seed Production Technology, Diploma in Garment Construction, Diploma in Gatka.
 - **Certificate Course** in Computerized Accounting, Add on Certificate Course in Urdu and Spoken English.
6. Establishment of a Centralized Research Centre and two research centres in Department of Agriculture and Department of Commerce & Business Administration.
 7. Increase in number of Major and Minor Research Projects: A total of Rs. 79.44 lakhs has been sanctioned by various funding agencies for major and minor research projects since 2011.
 8. Promotion of Research: Publication of two Research Journals in Sciences and Punjabi, increase in number of publications of Research Papers/Books by the faculty. The total number of publications during the last five years was 828.
 9. Increase in intake of students in B.Sc. (Agriculture), B.Sc. (Food Science and Technology), M.Sc. (Maths, Chemistry, Physics, Botany and Zoology).
 10. Introduction of ICT facility, smart class-rooms, e-learning, e-governance.
 11. Introduction of continuous assessment in all courses.
 12. Number of departmental libraries increased to 12 and seating capacity of the main library and other libraries increased with upgraded infrastructure.
 13. Insurance for students.
 14. Signing of MoUs with Columbian Water Centre, California (USA), Punjab Agricultural University, Ludhiana, Sarbat Da Bhala Trust, Dubai and Punjab Cricket Association.
 15. Formation of 21 subject societies and clubs.
 16. Construction/Renovation/Extension of Buildings/Departments/Laboratories.
 17. Separate examination and administrative blocks.
 18. More washrooms for girls.
 19. R.O. water facility for students.
 20. Rain water harvesting at several places in the campus.
 21. Eco-friendly campus with installation of solar lights, solar water heaters and replacement of incandescent bulbs by CFL's and LED's.
 22. New buildings for Agriculture, Commerce and Computer Science departments.
 23. Establishment of Vocational Training Centre under Life Long Learning Programme for under privileged and poor women.
 24. Free education for under privileged children of labour working in the college.

Declaration by the Head of the Institution

I certify that the data included in this Self Study Report (SSR) are true to the best of my knowledge.

This Self Study Report is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Place: Amritsar
Date: 27.03.2017

Signature of the Head
of the Institution with seal

Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges & Recognised Institutions)

This is to certify that Khalsa College Amritsar fulfils all norms:

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body (such as UGC) and
3. The affiliation and recognition is valid as on date.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its university affiliation or recognition by the Regulatory Council/Body, as the case may be. In case the undertaking submitted by the institution is found to be false, the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.


(Dr. Mehal Singh)
Principal

Place: Amritsar

Date: 27.03/2017

ANNEXURES

Annexure – I: Letter of Affiliation

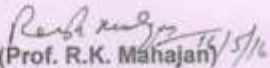
**GURU NANAK DEV UNIVERSITY, AMRITSAR**
(Established by the State Legislature Act No. 21 of 1969)
Accredited at 'A' grade level by NAAC and awarded "University with Potential for Excellence" status by UGC

Dean, College Development Council

No. 7469/College
Date 19-5-2016

To Whom It May Concern

It is certified that Khalsa College, Amritsar is permanently affiliated to the privileges of Guru Nanak Dev University, Amritsar. The College is covered under section 2(f) and 12 (b) of the UGC Act.


(Prof. R.K. Mahajan)
Dean, College Dev. Council
Guru Nanak Dev University,
Amritsar

Telephone Nos : (O) 0183-2257675, Extn. 0183-2258802-9/3030, Fax : 0183-2257675

Annexure – II: UGC Recognition Certificate

Guru Nanak Dev University, Amritsar						
Name and address of the college	Status	Year of Estb.	Nature of Affiliation	Teaching Upto	Govt or Non Govt	Aided or Unaided
Guru Nanak Prem karamsar College Nadala District Kapurthala - 144 624 Punjab	2(f) and 12(B)	1970	Permanent	Bachelor's	Non Government	
Hans Raj Mahila Mahavidyalaya Jullundur District Jalandhar Punjab	2(f) and 12(B)	1927	Permanent	Master's	Non Government	
Hindu College Amritsar District Amritsar Punjab	2(f) and 12(B)	1924	Permanent	Master's	Non Government	
Hindu Kanya College Kapurthala District Kapurthala Punjab	2(f) and 12(B)	1969	Permanent	Bachelor's	Non Government	
Hindu Kanya Mahavidyalaya Dhanwal District Gurdaspur Punjab	2(f) and 12(B)	1967	Permanent	Bachelor's	Non Government	
K.R.M.D.A.V. College Nakodar District Jalandhar Punjab	2(f) and 12(B)	1970	Permanent	Bachelor's	Non Government	
Kamla Nehru College For Women Phagwara District Kapurthala Punjab	2(f) and 12(B)	1965	Permanent	Bachelor's	Non Government	
Kanya Mahavidyalaya Jullundur District Jalandhar Punjab	2(f) and 12(B)	1886	Permanent	Master's	Non Government	
Khalsa College Amritsar District Amritsar Punjab	2(f) and 12(B)	1892	Permanent	Master's	Non Government	
Khalsa College For Women Amritsar District Amritsar Punjab	2(f) and 12(B)	1968	Permanent	Bachelor's	Non Government	

Annexure – III: Grant Certificate

ਪੰਜਾਬ ਸਰਕਾਰ
ਉਚੇਰੀ ਸਿੱਖਿਆ ਵਿਭਾਗ
(ਸਿੱਖਿਆ-1 ਸਾਖਾ)

ਸੇਵਾ ਵਿਖੇ

ਡਾਇਰੈਕਟਰ, ਸਿੱਖਿਆ ਵਿਭਾਗ ਕਾਲਜ, ਪੰਜਾਬ,
(ਕਿਲਡਿੰਗ ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਖੇਤਰ)
ਫੇਜ਼-8, ਮੋਹਾਲੀ।
ਮੀਮੋ ਨੰ: 14/32/91-3ਸਿ1/ 2014
ਮਿਤੀ: ਚੰਡੀਗੜ੍ਹ 14.8.14

ਵਿਸ਼ਾ: ਰਾਜ ਦੇ ਸਹਾਇਤਾ ਪ੍ਰਾਪਤ ਕਾਲਜਾਂ ਨੂੰ ਸਾਲ 2013-14 ਦੀ ਦੂਜੀ ਤਿਆਰੀ ਦੀ ਹਾਲੀ ਜਾਰੀ ਕਰਨ ਬਾਰੇ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਤੇ ਆਪ ਜੀ ਦੇ ਮੀਮੋ ਨੰ: 3/2-2014 ਗਰਾਂਟ(5), ਮਿਤੀ 12.08.2014 ਦੇ ਹਵਾਲੇ ਵਿਚ।

ਪੰਜਾਬ ਦੇ ਰਾਜਪਾਲ ਪ੍ਰਸੰਨਤਾ ਪੂਰਵਕ ਨਿਮਨ ਦਰਸਾਏ ਰਾਜ ਦੇ 92 ਸਹਾਇਤਾ ਪ੍ਰਾਪਤ ਕਾਲਜਾਂ ਨੂੰ ਸਾਲ 2013-14 ਦੀ ਦੂਜੀ ਤਿਆਰੀ ਲਈ ਸਾਲ 2014-15 ਦੇ 200 ਕਰੋੜ ਰੁਪਏ ਦੇ ਬਜਟ ਉਪਬੰਧ ਵਿਚੋਂ 31,92,36,369 (ਇੱਕਤੀ ਕਰੋੜ ਬਾਨਵੇਂ ਲੱਖ ਚੌਠੀ ਹਜ਼ਾਰ ਤਿੰਨ ਸੌ ਉੱਨਤਰ ਰੁਪਏ) ਦੀ ਪ੍ਰਵਾਨਗੀ ਇਸ ਸਬਤ ਤੇ ਦਿੰਦੇ ਹਨ ਕਿ ਡੀ.ਪੀ.ਆਈ.(ਕ) ਪਟੀਠਨਰ ਕਾਲਜ ਦੇ ਬੈਂਕ ਖਾਤਿਆਂ ਵਿਚ ਉਹਨਾਂ ਦੇ ਹਿੱਸੇ ਦੀ ਬਦਲੀ ਰਕਮ ਜਮ੍ਹਾਂ ਕਰਵਾਉਣਾ ਯਕੀਨੀ ਬਣਾਉਣਗੇ:-

ਵਿੱਤੀ ਸਾਲ 2013-2014

ਕ੍ਰ.ਸੰ. (1)	ਜਿਲ੍ਹਾ (2)	ਪ੍ਰਾਈਵੇਟ ਏਡਿਡ ਕਾਲਜ (3)	ਐਡਮਿਟ ਕਰੰਮ 2013-14 (4)	ਦੂਜੀ ਤਿਆਰੀ (5)
1	ਅੰਮ੍ਰਿਤਸਰ	ਐ.ਐ.ਐ. ਡੀ.ਏ.ਵੀ ਕਾਲਜ ਫਾਰ ਚੁਮੇਨ, ਅੰਮ੍ਰਿਤਸਰ	55849808	0
2	ਅੰਮ੍ਰਿਤਸਰ	ਡੀ.ਏ.ਵੀ. ਕਾਲਜ ਫਾਰ ਬੁਆਏਜ, ਅੰਮ੍ਰਿਤਸਰ	69138425	0
3	ਅੰਮ੍ਰਿਤਸਰ	ਡੀ.ਏ.ਵੀ. ਕਾਲਜ ਆਫ ਐਜੂਕੇਸ਼ਨ ਫਾਰ ਚੁਮੇਨ ਅੰਮ੍ਰਿਤਸਰ	11128654	806767
4	ਅੰਮ੍ਰਿਤਸਰ	ਹਿੰਦੂ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ	27390159	0
5	ਅੰਮ੍ਰਿਤਸਰ	ਖਾਲਸਾ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ	98865335	24648332
6	ਅੰਮ੍ਰਿਤਸਰ	ਖਾਲਸਾ ਕਾਲਜ (ਲੜਕੀਆਂ) ਅੰਮ੍ਰਿਤਸਰ	13576828	3476110
7	ਅੰਮ੍ਰਿਤਸਰ	ਖਾਲਸਾ ਕਾਲਜ ਆਫ ਐਜੂਕੇਸ਼ਨ ਅੰਮ੍ਰਿਤਸਰ	4719500	1133518
8	ਅੰਮ੍ਰਿਤਸਰ	ਸਹਿਜਾਦਾ ਨੰਦ ਕਾਲਜ ਫਾਰ ਗਰਲਜ ਅੰਮ੍ਰਿਤਸਰ	11907574	3265687
9	ਅੰਮ੍ਰਿਤਸਰ	ਸਹੀਦ ਦਰਸਨ ਸਿੰਘ ਵੈਰਮਾਨ ਸਿੱਕੀਅਤ ਕਾਲਜ ਫਾਰ ਚੁਮੇਨ ਫਲੀਆਂ	10727594	2497442
10	ਤਰਨਤਾਰਨ	ਮਾਠਾ ਗੰਗਾ ਕਾਲਜ (ਲੜਕੀਆਂ) ਤਰਨਤਾਰਨ	6356851	1928415
11	ਤਰਨਤਾਰਨ	ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਖਾਲਸਾ ਕਾਲਜ ਸਰਹਾਲੀ	6342352	1568686
12	ਤਰਨਤਾਰਨ	ਬਾਬਾ ਸੁੰਦਰ ਕਾਲਜ ਖੀੜ ਸਾਹਿਬ	4730532	1408027
13	ਤਰਨਤਾਰਨ	ਸ੍ਰੀ ਗੁਰੂ ਅੰਗਦ ਦੇਵ ਕਾਲਜ (ਪੰਚੂਰ ਸਾਹਿਬ)	12234268	1685917

128	ਜਲੰਧਰ	ਕੇ.ਆਰ.ਐਮ. ਡੀ.ਏ.ਵੀ. ਕਾਲਜ ਨਕੋਦਰ	39266911	0
129	ਜਲੰਧਰ	ਗੁਰੂ ਨਾਨਕ ਖਾਲਸਾ ਕਾਲਜ ਫਾਰ ਯੂਮੈਨ ਫਾਰ ਸੇਖ ਚੇਸੀਆ	10260896	3227226
130	ਜਲੰਧਰ	ਗੁਰੂ ਨਾਨਕ ਖਾਲਸਾ ਕਾਲਜ ਡਰੋਗੀ ਕਲਾ	14226907	2690496
131	ਮੁਕਤਸਰ	ਦਸਮੇਸ਼ ਖਾਲਸਾ ਕਾਲਜ, ਮੁਕਤਸਰ	3633672	0
132	ਮੁਕਤਸਰ	ਡੀ.ਏ.ਵੀ. ਕਾਲਜ ਮਠੋਟ ਮੰਡੀ	10776753	1615095
133	ਮੁਕਤਸਰ	ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਫਾਰ ਯੂਮੈਨ ਸ੍ਰੀ ਮੁਕਤਸਰ ਸਾਹਿਬ	5937920	1801036
134	ਮੁਕਤਸਰ	ਗੁਰੂ ਨਾਨਕ ਕਾਲਜ ਕਿਲਿਆ ਵਾਲੀ ਪੋਸਟ ਆਰਿਸ ਮੰਡੀ ਡਾਘਵਾਲੀ	293636	2656268
135	ਮੁਕਤਸਰ	ਖਾਲਸਾ ਕਾਲਜ ਆਫ ਐਜੂਕੇਸ਼ਨ ਮੁਕਤਸਰ	1890036	0
136	ਮੁਕਤਸਰ	ਮਾਰਾ ਮਿਸਰੀ ਏਵੀ ਡੀ.ਏ.ਵੀ. ਕਾਲਜ ਗਿੱਚੜਵਾਲਾ	7974475	1414861
			2454758632	319236369

ਇਸ ਗ੍ਰਾਂਟ ਦੀ ਅਦਾਇਗੀ ਵਿੱਤ ਵਿਭਾਗ ਦੀਆਂ ਗ੍ਰਾਂਟ-ਇੰਨ-ਏਡ ਦੀਆਂ ਸਰਤਾਂ ਪੱਤਰ ਨੰ: 8/85/86-2 ਐਚ.ਸੀ.ਆਰ./20551 ਮਿਤੀ 28-10-86 ਵਿੱਤ ਵਿਭਾਗ ਵਲੋਂ ਪਹਿਲਾਂ ਤੋਂ ਹੀ ਦਿੱਤੀਆਂ ਸਰਤਾਂ (ਟਰਮਜ਼ ਐਂਡ ਕੰਡੀਸ਼ਨਜ਼) ਦੀ ਕੜੀ ਪਾਲਣਾ ਲਈ ਡਾਇਰੈਕਟਰ ਸਿੱਖਿਆ ਵਿਭਾਗ (ਕਾਲਜ) ਪੰਜਾਬ ਮੁੱਖ ਦਿੱਤੇ ਗਏ ਹੋਣਗੇ। ਸਬੰਧਤ ਕਾਲਜ ਖਰਚੇ ਦੀ ਲੇਖਾ ਪਤਰਤਾਲ ਦਾ ਵਿਵਰਣ ਹਰ ਹਾਲਤ ਵਿੱਚ ਮਿਤੀ 31.03.2015 ਤੱਕ ਪੇਸ਼ ਕਰਨਗੇ। ਇਹ ਪ੍ਰਵਾਨਗੀ ਨਿਮਨ ਅਨੁਸਾਰ ਸਰਤਾਂ ਦੇ ਆਧਾਰ ਤੇ ਪ੍ਰਵਾਨ ਕੀਤੀ ਜਾਂਦੀ ਹੈ :-

1. ਜਦੋਂ ਵੀ 95% ਗ੍ਰਾਂਟ ਇੰਨ ਏਡ ਸਕੀਮ ਅਧੀਨ ਪ੍ਰਾਈਵੇਟ ਕਾਲਜ ਨੂੰ ਗ੍ਰਾਂਟ ਜਾਰੀ ਕੀਤੀ ਜਾਵੇ ਤਾਂ ਆਪ (ਡੀ.ਪੀ.ਆਈ.(ਕ)) ਅਤੇ ਸਬੰਧਤ ਡਿਪਟੀ ਡਾਇਰੈਕਟਰ/ਸਹਾਇਕ ਡਾਇਰੈਕਟਰ ਦੀ ਨਿੱਜੀ ਜ਼ਿੰਮੇਵਾਰੀ ਹੋਵੇਗੀ ਕਿ ਗ੍ਰਾਂਟ ਜਾਰੀ ਕਰਨ ਸਮੇਂ ਇਹ ਯਕੀਨੀ ਬਣਾਇਆ ਜਾਵੇ ਕਿ ਮਾਨਯੋਗ ਹਾਈ ਕੋਰਟ ਦੇ ਹੁਕਮਾਂ ਤੇ ਅਮਲ ਕੀਤਾ ਗਿਆ ਹੋਵੇ।
2. ਅਗਰ ਕਿਸੇ ਕਾਰਨ ਕਾਲਜ ਵੱਲੋਂ ਕੋਰਟ ਦੇ ਟੈਸਟਾਂ ਤੇ ਅਮਲ ਨਹੀਂ ਕੀਤਾ ਗਿਆ ਤਾਂ ਗ੍ਰਾਂਟ ਵਿੱਚੋਂ ਬਣਦੀ ਰਕਮ ਕੱਟਣ ਉਪਰੰਤ ਹੀ ਕਾਲਜ ਨੂੰ ਗ੍ਰਾਂਟ ਜਾਰੀ ਕੀਤੀ ਜਾਵੇ।
3. ਸਰਕਾਰ ਨੂੰ ਗ੍ਰਾਂਟ ਜਾਰੀ ਕਰਨ ਦੀ ਤਜਵੀਜ਼ ਭੇਜਣ ਤੋਂ ਪਹਿਲਾਂ ਸਬੰਧਤ ਕਾਲਜ ਦੇ ਪ੍ਰਿੰਸੀਪਲ ਤੋਂ ਇਹ ਅੰਤਰਟੈਕਿੰਗ ਲਈ ਜਾਵੇ ਕਿ ਉਹਨਾਂ ਵੱਲੋਂ ਮਾਨਯੋਗ ਹਾਈ ਦੇ ਸਭ ਹੁਕਮਾਂ ਤੇ ਅਮਲ ਕੀਤਾ ਜਾ ਚੁੱਕਾ ਹੈ ਅਤੇ ਗ੍ਰਾਂਟ ਵਿੱਚੋਂ ਕੋਈ ਰਕਮ ਇਸ ਮੰਤਵ ਲਈ ਕੱਟਣਯੋਗ ਨਹੀਂ ਹੈ।

ਇਸ ਸਬੰਧੀ ਖਰਚਾ ਮੰਗ ਨੰ:5 ਮੁੱਖ ਮੰਦ 2202-ਅਮ ਸਿੱਖਿਆ-03 ਵਿਸ਼ਵ ਵਿਦਿਆਲਿਆ ਅਤੇ ਉਚੇਰੀ ਸਿੱਖਿਆ-104-ਰੀਰ ਸਰਕਾਰੀ ਕਾਲਜਾਂ ਤੇ ਸੰਸਥਾਵਾਂ ਨੂੰ ਸਹਾਇਤਾ ਨਾਨ-ਪਲਾਨ ਐਸ.ਓ.ਏ.ਨੰ: 31 ਗ੍ਰਾਂਟ ਇੰਨ ਏਡ (ਸੈਲਰੀ)- ਸਾਲ 2014-15 ਅਧੀਨ ਡੈਬਿਟ ਹੋਵੇਗਾ। ਇਹ ਰਾਸ਼ੀ ਆਪ ਦੇ ਦਫਤਰ ਦੇ ਡਿਪਟੀ ਕੰਟਰੋਲਰ ਵਿੱਤ ਤੇ ਲੇਖਾ (ਰੈਡਕੁਆਟਰ) ਵੱਲੋਂ ਕਰਵਾਈ ਜਾਵੇਗੀ।

ਇਹ ਮਨਜ਼ੂਰੀ ਵਿੱਤ ਵਿਭਾਗ (ਵਿੱਤ ਬਜਟ-1 ਸ਼ਾਖਾ) ਵੱਲੋਂ ਉਨ੍ਹਾਂ ਦੇ ਪੰ:ਨੰ: 1/6/2013-1 ਵਿ.ਬ 1/276296/1, ਮਿਤੀ 24-07-2014 ਰਾਹੀਂ 200.00 ਕਰੋੜ ਰੁਪਏ ਦੇ ਬਜਟ ਉਪਬੰਧ ਵਿੱਚੋਂ ਪ੍ਰਵਾਨ ਕੀਤੀ ਜਾਂਦੀ ਹੈ।

ਵਿਸ਼ੇਸ਼ ਸਕੱਤਰ, ਉਚੇਰੀ ਸਿੱਖਿਆ

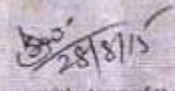
**UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110002**

NAME OF THE SECTION: NS/PE

Grant-in-aid Bill

1	Name of the Beneficiary Institution (University/College/Institute)	Khalsa College, Amritsar Dist. Amritsar- 143 001 (Punjab)																												
2	Sanction No. and date	F. No 21-67/2014(NS/PE) Dated: August, 2015 F.D.Dy. No 3085 dated: 20.08.2015																												
3	Amount	(a) Sanctioned: Rs.1,19,60,000/- (b) Adjusted: Rs. Nil (c) Net release: Rs.1,19,60,000/- (Rupees one crore nineteen lakhs sixty thousand only)																												
4	Purpose of grant-in-aid	Colleges with Potential for Excellence																												
5	Head of Account	<table border="1"> <thead> <tr> <th>Amount sanctioned (Amount in Rs.)</th> <th>Head of Account</th> <th>Amount bifurcated</th> <th>(Rs. in Amount)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Code-35 Rs. 1,12,00,000/-</td> <td>3(A)/16/35</td> <td>For Gen (76%)</td> <td>85,12,000</td> </tr> <tr> <td>3(B)35</td> <td>For SC (16%)</td> <td>17,92,000</td> </tr> <tr> <td>3(C)35</td> <td>For S.T. (8%)</td> <td>3,96,000</td> </tr> <tr> <td rowspan="3">Code-31 Rs. 7,60,000/-</td> <td>3(A)/16/31</td> <td>For Gen (76%)</td> <td>5,77,600</td> </tr> <tr> <td>3(B)31</td> <td>For SC (16%)</td> <td>1,21,600</td> </tr> <tr> <td>3(C)31</td> <td>For S.T. (8%)</td> <td>60,800</td> </tr> <tr> <td>Total: Rs. 1,19,60,000/-</td> <td></td> <td></td> <td>1,19,60,000</td> </tr> </tbody> </table>	Amount sanctioned (Amount in Rs.)	Head of Account	Amount bifurcated	(Rs. in Amount)	Code-35 Rs. 1,12,00,000/-	3(A)/16/35	For Gen (76%)	85,12,000	3(B)35	For SC (16%)	17,92,000	3(C)35	For S.T. (8%)	3,96,000	Code-31 Rs. 7,60,000/-	3(A)/16/31	For Gen (76%)	5,77,600	3(B)31	For SC (16%)	1,21,600	3(C)31	For S.T. (8%)	60,800	Total: Rs. 1,19,60,000/-			1,19,60,000
Amount sanctioned (Amount in Rs.)	Head of Account	Amount bifurcated	(Rs. in Amount)																											
Code-35 Rs. 1,12,00,000/-	3(A)/16/35	For Gen (76%)	85,12,000																											
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Code-31 Rs. 7,60,000/-	3(A)/16/31	For Gen (76%)	5,77,600																											
	3(B)31	For SC (16%)	1,21,600																											
	3(C)31	For S.T. (8%)	60,800																											
Total: Rs. 1,19,60,000/-			1,19,60,000																											
6	Designation and address of Authorized Officer	Principal, Khalsa College, Amritsar Dist. Amritsar- 143 001 (Punjab)																												
7	Payment details																													
(a)	Name and address of Bank branch	Punjab and Sind Bank, Khalsa College Branch, Amritsar																												
(b)	Account No.	00311000008596																												
(c)	Type of Account SB/Current/Cash Credit	Saving Account																												
(d)	IFSC Code	PSIB0000031																												
(e)	MICR Code of Branch	143023016																												
(f)	Whether bank branch is RTGS or NEFT enabled. RTGS/NEFT/Both	YES																												
(g)	Name & address of account Holder	Principal: Khalsa College, Amritsar Dist. Amritsar- 143 001 (Punjab)																												

Received a sum of Rs.1,19,60,000/- (Rupees one crore nineteen lakhs sixty thousand only) being the amount sanctioned vide sanction No.F.21-67/2014(NS/PE) dated August, 2015 (Copy enclosed) for disbursement to Principal, Khalsa College, Amritsar Dist. Amritsar-143 001 (Punjab) Certified that the condition of the grant has been accepted by the grantee. Necessary entries in GIA register have been made.


 Signature with stamp of the officer
 P.T.O.

श्रीमति उमा बाली/Mrs. UMA BALI
 उप सचिव (Deputy Secretary)
 विश्वविद्यालय अनुदान आयोग
 University Grants Commission
 भारत सरकार (Ministry of Education)
 Ministry of Education, Government of India
 नई दिल्ली New Delhi-110002

17 March, 2017 | User: 46863K5 | SQL ID: 339700 | Menu Shortcut:

Account Ledger Inquiry

A/c ID: 3397001100000013 INR 339700 PRINCIPAL KHALSA COLLEGE AMRITSAR 95% DEFICIT GRANT
 A/c Status: ACTIVE A/c Status Date: 06-07-2016
 A/c Open Date: 03-04-2012 A/c Close Date:
 GL Subhead: 05100 A/c Type: CUSTOMER ACCOUNT
 Opening Bal: 25,62,168.65 Cr. Available Amt: 92,67,719.65 Cr.
 Closing Bal: 92,67,719.65 Cr. Effective Available Amt: 92,67,719.65 Cr.
 Funds in Ctg: 0.00 Cr. Float Bal: 0.00 Cr.

Tran. Date	Value Date	Instr. No.	Particulars	CCY	Debit Amt.	Credit Amt.	Bal.
01-03-2017	01-03-2017		INTT. 33970011000000	INR		49,393.00	26,11,561.65 Cr.
03-03-2017	03-03-2017		TR	INR		1,860.00	26,13,421.65 Cr.
04-03-2017	04-03-2017		TO SALARY	INR	13,38,719.00		12,74,702.65 Cr.
04-03-2017	04-03-2017		SALARY	INR	2,61,252.00		10,13,450.65 Cr.
04-03-2017	04-03-2017		BY TR	INR		16,38,959.00	26,52,409.65 Cr.
04-03-2017	04-03-2017		BY TR	INR		11,10,558.00	37,62,967.65 Cr.
04-03-2017	04-03-2017		BYTR	INR		4,50,304.00	42,13,361.65 Cr.
04-03-2017	04-03-2017		BY TR	INR		3,16,462.00	45,29,823.65 Cr.
04-03-2017	04-03-2017		BY TR	INR		61,08,654.00	1,06,38,477.65 Cr.
06-03-2017	06-03-2017	124343	GEETINDER MANN	INR	70,888.00		1,05,67,589.65 Cr.
06-03-2017	06-03-2017		SALARY	INR	11,10,558.00		94,57,031.65 Cr.
06-03-2017	06-03-2017		TO SALARY	INR	56,08,925.00		38,48,106.65 Cr.
08-03-2017	08-03-2017	124345	NON TEACHING S MUTUA	INR	4,100.00		38,44,006.65 Cr.
08-03-2017	08-03-2017	124346	KHALSA COLLEGE S CLU	INR	10,400.00		38,33,606.65 Cr.
08-03-2017	08-03-2017	124348	P AND S BANK	INR	75,400.00		37,58,206.65 Cr.
08-03-2017	08-03-2017		BY TFR	INR		2,950.00	37,61,156.65 Cr.
08-03-2017	08-03-2017		BY TFR	INR		1,365.00	37,62,521.65 Cr.
09-03-2017	09-03-2017		BY CHQ	INR		40,650.00	38,03,171.65 Cr.
10-03-2017	10-03-2017	124347	cb and sind bank	INR	2,79,100.00		35,24,071.65 Cr.
10-03-2017	10-03-2017	238220	LIC	INR	51,847.00		34,72,224.65 Cr.
15-03-2017	15-03-2017	124350	LIC OF INDIA	INR	15,030.00		34,57,194.65 Cr.
15-03-2017	15-03-2017	81409	PRINCIPAL KHALSA COL	INR	8,29,767.00		26,27,427.65 Cr.
15-03-2017	15-03-2017	124334	PRINCIPAL KHALA COL	INR	8,11,509.00		18,15,918.65 Cr.
16-03-2017	16-03-2017		NRTGS/SBINR520170318	INR		74,51,821.00	92,67,719.65 Cr.

17-3-2017

3499991

Selang Grant
 Received From DPI (C)
 For Jan 2017

Annexure IV: Letter from UGC regarding Award of Autonomy

डॉ. (श्रीमती) रेणु बत्रा
Dr. (Mrs.) Renu Batra

संयुक्त सचिव
Joint Secretary

दूरभाष PHONE कार्यालय OFF : 23238876
फैक्स FAX : 011-23232297
E-mail : renu@ugc.ac.in

विश्वविद्यालय अनुदान आयोग
बाहदुर शाह जफर मार्ग,
नई दिल्ली-110 002 (भारत)
UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI-110 002 (INDIA)

BY SPEED POST

No.F. 22-1/2013(AC) May, 2013

The Registrar,
Guru Nanak Dev University,
Amritsar – 143 005

22 MAY 2013

Sub- Conferment of fresh Autonomous Status to Khalsa College, Amritsar, Punjab affiliated to
Guru Nanak Dev University, Amritsar

Sir/Madam,

This has reference to the university proposal dated 22.03.2012 submitted by Khalsa College, Amritsar, Punjab affiliated to Guru Nanak Dev University, Amritsar under the UGC scheme for conferment of fresh autonomous status and subsequent visit of the UGC Expert committee to consider the proposal on 13th & 14th Dec, 2012.

The report of the aforesaid Joint UGC Expert Committee was placed before the Standing Committee constituted for the purposes by the Commission to look into the Expert Committee reports for conferment of fresh autonomous status and extension of autonomy to colleges before its recommendations are placed before the Commission for its final approval.

The recommendations of the Standing Committee were placed before the Commission at its meeting held on 10th May 2013. The Commission, after taking due consideration of the recommendations of the Standing Committee, agreed to grant autonomous status to Khalsa College, Amritsar, Punjab affiliated to Guru Nanak Dev University, Amritsar under the UGC autonomous colleges scheme for a period of six year w.e.f. the academic year i.e. 2013-2014 to 2018-2019.

The Guru Nanak Dev University, Amritsar may now go ahead and issue necessary orders in this regard by endorsing a copy of the same to this office for our records. The admissible grant under this scheme will be released to the College as per its eligibility, according to the norms as laid down in the Xith Plan Guidelines for Autonomous Colleges by the Sh. M.S. Yadav, CSO, Northern Region College Bureau (NRCB) UGC, 35, Feroze Shah Road, Mandi House New Delhi – 110 001.


Yours faithfully,

(Renu Batra)

Annexure V: Letter of CPE (Colleges with Potential for Excellence)

23230351, 23232701, 23237721, 23244116,
23235733, 23232317, 23236735, 23234437

UGC Website : www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

Dr. K. Gunasekaran
Joint Secretary
Ph. (011) 2323 0405
FAX (011) 23231055

23 MAY 2006

SPEED POST

F.No.12-1/2004 (NS/PE)

May, 2006

Dear Dr. Singh,

This has reference to your communication recommending six colleges under the Scheme "Colleges with Potential for Excellence" (CPE). The proposals of the colleges recommended by your University were evaluated by the Working Group appointed for the above purpose. Arising out of the evaluation, the Standing Committee on CPE had recommended 50 Colleges to be awarded CPE status during Phase-II.

I am happy to inform you that a few colleges affiliated to your University has/have been selected for the award of CPE status during Phase-II. For further details regarding selection of colleges under CPE kindly refer to UGC Website www.ugc.ac.in.

Kindly ask the Principal(s) of the College(s) to send a Certificate to UGC that the data provided by them in the proposal were factually correct. Kindly inform the college(s) that if the data submitted by the college(s) are found to be incorrect, the CPE status would be revoked, as per the provision in the Guidelines on CPE.

The CPE tenure is for three years from the date of approval of the Budget of the colleges. You may request the college(s) to prepare an Action Plan for the years 2006-2007, 2007-2008, 2008-2009 and send the same to me along with the budgetary requirements in accordance with the CPE Guidelines, a copy of which has already sent to you and also available on our website. The colleges would be allotted the entire allocation as specified in the Guidelines for the period of three years. An advance grant of 50% of the allocation is being released separately.

Some time during May/June 2006, the Principals of the colleges will be required to make a presentation about their Action Plan before an Expert Committee at UGC office, New Delhi. Further details will be sent to the college(s) in due course.

Conti..2/-

- 2 -

If the selected college(s) has/have not obtained autonomous status and/or accreditation by NAAC, you may advise them to take immediate steps in this regard. In case your University Act does not provide for conferring autonomous status to the colleges, I request you to take necessary steps to introduce suitable amendments in your University Act.

Finally, I would like to inform you that wherever the slots fixed for a State/Union Territory has not been filled up during the second phase also, fresh proposals will be invited in due course to fill up the vacant slots.

Receipt of this letter may kindly be acknowledged.

With kind regards,

Yours sincerely,

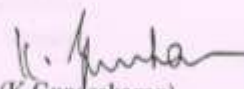
(K.Gunasekaran)

Dr. S.P. Singh
Vice-Chancellor
Guru Nanak Dev University
Amritsar - 143 005
Punjab

Copy to:

1. The Registrar, Guru Nanak Dev University, Amritsar - 143 005 (Punjab)
2. Secretary (Higher Education) Mini Secretariat, Sector - 9, Chandigarh.
3. Principal, Hans Raj Mahila Mahavidyala, Mahatma Hans Raj Marg, Jalandhar-144008
4. Principal, BBE DAY College for Women, Lawrence Road, Amritsar-143001
- ✓ 5. Principal, Khalsa College, Amritsar.

For information &
Necessary action


(K.Gunasekaran)
Joint Secretary

Annexure VI: NAAC 1st Cycle Accreditation Certificate



Quality Profile

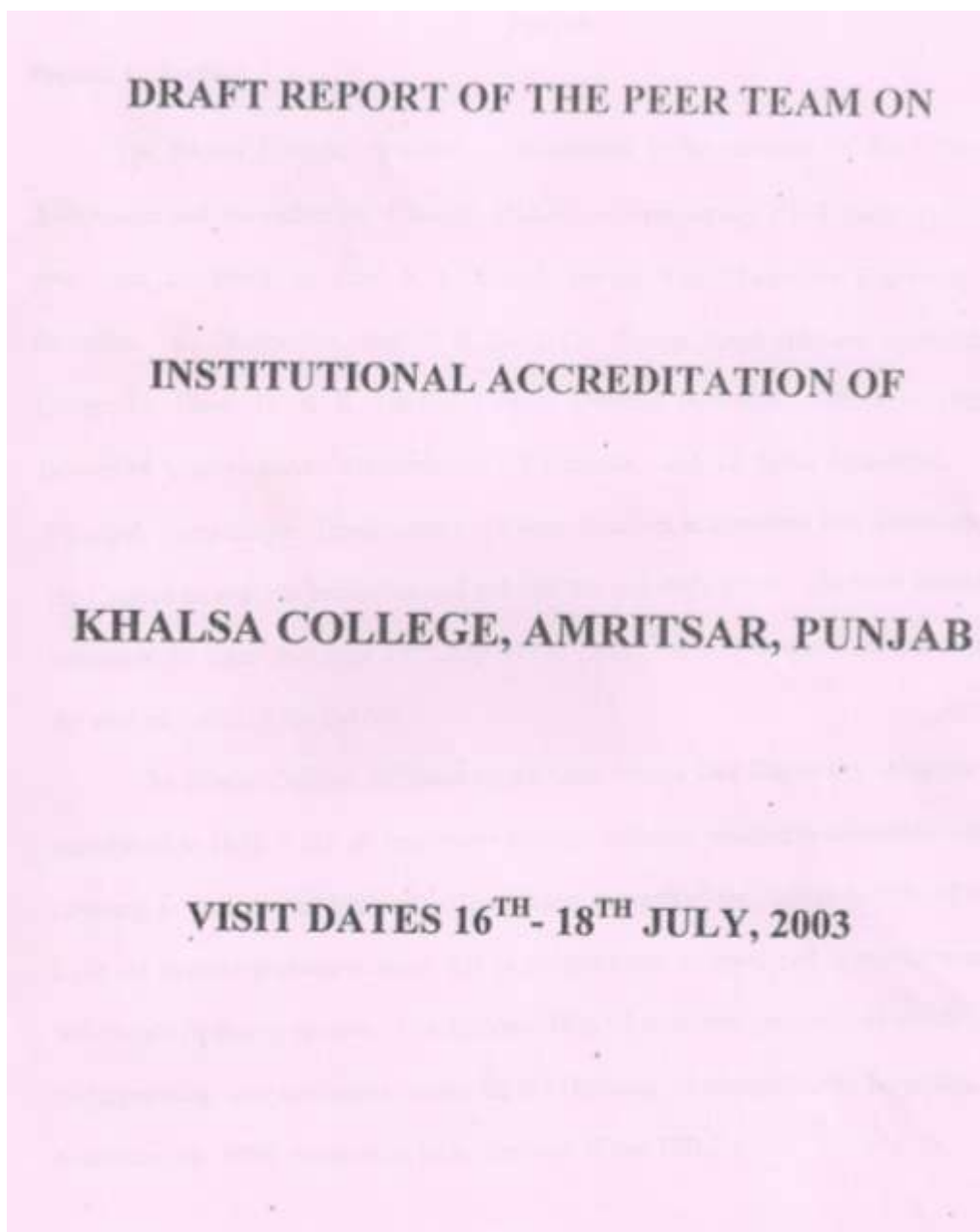
Name of the Institution : Khalsa College
Place : Amritsar, Punjab

Criterion	Criterion Score (C _i)	Weightage (W _i)	Criterion X Weightage (C _i x W _i)
I. Curricular Aspects	86	10	860
II. Teaching-learning and Evaluation	86	40	3440
III. Research, Consultancy and Extension	80	05	400
IV. Infrastructure and Learning Resources	87	15	1305
V. Student Support and Progression	86	10	860
VI. Organisation and Management	87	10	870
VII. Healthy Practices	87	10	870
		100	Σ C _i W _i = 8605

$$\text{Institutional Score} = \frac{\sum C_i W_i}{\sum W_i} = \frac{8605}{100} = 86.05$$

hans
Director

Annexure – VII: NAAC 1st Cycle Peer Team Report 2003



**Draft Report of the Peer team on Institutional Accreditation of
Khalsa College, Amritsar
Punjab**

Section 1 : Preface

The Khalsa College, Amritsar volunteered to be assessed by the National Assessment and Accreditation Council (NAAC), by presenting a self study report. A peer team consisting of Prof. K L Kamal, former Vice-Chancellor University of Rajasthan as Chairperson, Prof. H K Bajaj, Ch. Charan Singh Haryana Agricultural University, Hisar, Dr K K Tandon, Deputy Director (Colleges), Office of Higher Education Commissioner, Government of Haryana and Dr Usha Mukundan, Vice Principal, Ramniranjan Jhunjhunwala College, Mumbai as members was constituted by the Council to visit the institution and validate the self study report. The team visited the institution for three days from 16th July to 18th, July, 2003. Dr Latha Pillai coordinated the visit on behalf of the NAAC.

The Khalsa College, affiliated to the Guru Nanak Dev University, Amritsar was established in 1892. It has an impressive heritage building situated in a beautiful campus covering a total area of 300 acres. The student strength of the college is 3581 of which 2176 are in undergraduate courses, 636 in postgraduate courses, 120 in PG diploma and 649 in self financing courses. The college offers 32 academic programs of which 16 are undergraduate, one certificate course, 02 PG Diploma, 14 postgraduate programs. The institution has UGC recognition under sections 2f and 12B.

The college has a qualified teaching faculty strength of 135. There are 140 members on the non-teaching staff. The college is having 17 teaching departments. These are Physics, Chemistry, Botany, Zoology, Mathematics, Computer Science, English, Economics, Political Science, Public Administration, Punjabi, History, Hindi, Physical Education & Divinity, Commerce, Agriculture, Food and Science & Technology and Physiotherapy.

The peer team carefully perused and analyzed the self-study report submitted by the institution. During institutional visit, the team went through all the relevant documents, visited the departments and the facilities, and interacted with the various constituents of the institution. The academic, co-curricular, extra-curricular, sports and extension facilities of the institution were seen. The peer team also interacted at length with the Governing Body, Head of the institution, faculty, non-teaching staff, students, parents and alumni of the institution. Based on the above exercise, and keeping in mind the criteria identified by NAAC, the peer team has made the assessment of the institution in totality.

SECTION II : CRITERION- WISE ANALYSIS

CRITERION 1 : CURRICULAR ASPECTS

Khalsa College, Amritsar, affiliate of Guru Nanak Dev University, Amritsar is a co-educational College, established in March, 1892. The Guru Nanak Dev University Act does not provide for an autonomous status. Hence it follows the courses of study

designed by the University and annual system of academic work. Ever since its inception, the College has been taking lead in starting new courses in Humanities, Agriculture, Commerce, Science and Technology. It has been updating its teaching programme, adding vocational courses, keeping in mind the cherished goal of its founding fathers. The College offers 32 programmes: 16 U.G. Programmes, 14 P.G. Programmes and 02 P.G. Diplomas. The programmes include 9 vocational courses catering to the modern societal needs. However, the wide choice of subjects in elective subjects and non core options are marginally limited because the syllabi have to be followed rigidly. In vocational courses more than 50% students are female and male students dominate in UG courses but in P.G. Diploma and P.G. Classes female students outnumber the male students.. The College runs P.G. Diploma in Computer Application and P.G. Diploma in E-Commerce, Department of Agriculture, Department of Food Science Technology and Department of Physiotherapy are the unique features of this College. The College also provides a number of support services to farmers, villagers and the community at a large. Since its inception the mission of the College has been to provide higher education. Within this frame work the College has re-formulated its goals and objectives for 21st century with focus on transformative education in the context of globalization. The College strives to achieve excellence in education. The College has introduced a number of employment oriented courses during the last decade. A large number of elective options are offered as per university norms.

The department of Agriculture has done a commendable job in the past. Keeping in view the changing agriculture scenario, it is felt that the college may approach the University for updating U.G. & P.G. curriculum in light of recommendations and policies of Indian Council of Agricultural Research.

CRITERION II : Teaching- Learning and Evaluation.

The students are admitted on the basis of academic record and special entrance tests. The U.G. students are placed in groups on the basis of performance in class tests, assignments and house tests. Special arrangements for sports and athletes are made. They are also given financial assistance. There is Scholars' club and toppers from all classes are its members.

At the beginning of the academic session schedule of work for the session is prepared and maintained by each staff member, reviewed by Head of the Department and Principal. The syllabi is unitized term-wise and periodic review ensures that syllabus is covered as per plan. The internal assessment ensures that the regular teaching takes place. Besides lecture method, there is interactive learning through discussion sessions, group work and audio-visual methods. There exists central media facility to prepare audio visuals and other teaching aids. The students are taken to field trips and museums. This enables the students to communicate the knowledge acquired through books by real life experience. Attendance is taken to ensure commitment among students. Class room tests are regular feature. Record of attendance of students and house tests results are communicated to the students. The parents are also informed

about attendance and results of students. The students are provided necessary information about evaluation methods in the beginning of the academic session.

The College has freedom to employ ad-hoc staff. More than 20% teaching is done by temporary teachers. There is no system of students evaluating the teachers nor an institutional mechanism for appraisal of teachers. Seminars, workshops, conferences are organized for students and faculty. Lecturers are encouraged to undertake research leading to PhD Degree. Financial assistance is also provided for Research Projects. College has 139 permanent faculty members and 35 ad-hoc teachers; 55 Ph.D., 24 M.Phil and 46 Post Graduate. Around 25% of the staff is engaged actively in research. The College claimed that Department of Agriculture has played a significant role in bringing green revolution in Punjab. A large number of agriculture scientists and sportsmen have risen to key positions at national and international level. The Institution has a well conceived plan for monitoring students progress. Remedial classes for sportsmen and athletes are organized. The College has a Scholars' Club. The lecture method of teaching is supplemented by taking students for field trips and industrial visit. Some of the P.G. Departments have their own libraries. However the team feels that the ratio of permanent teachers to temporary teacher is 4:1. The College follows the UGC directive of 180 teaching days in its academic session. It is suggested that there can be a greater participation of teachers in seminars in view of the P.G. teaching. The College can think of augmenting courses in view of the growing service sector like B.Sc Food and textile, and IT courses. The College can organize computer training for teaching and non-

teaching staff to make use of the available infrastructure. The lecture method of teaching could be supplemented with modern computer based teaching aids.

Criterion III : Research, Consultancy and Extension

The college does not offer research programme leading to M.Phil and Ph.D. except that 2 Ph.D. students are registered in Department of Agriculture. Students of M Sc Agriculture are required to submit dissertation in partial fulfilment for award of degree. The college may approach National Bureau of Plant Genetic Resources, New Delhi for getting the germplasm of the newly developed varieties registered. The research work done by this department is appreciated by the team. The Sikh History Department has made a major contribution in preserving and propagating the Sikh history. The library is extremely well maintained and the efforts taken by the Department in maintaining the rich heritage and culture is highly appreciated. The department has also been publishing books and the collections are being used by researcher in India and abroad. A number of teachers from the Department of Punjabi have also published books and articles.

The teachers are encouraged to undertake research. Few research projects are in progress. About 40% of the faculty have Doctorate and some of the teachers are engaged in research and publish research papers in journals, newspapers and also have published books. The teachers are also encouraged to do Ph.D. research work on part time basis. Some faculty members have been invited to present papers in seminars. However, there is need to motivate more teachers to take up research projects and attract funding

from agencies like UGC, CSIR, DST, DBT and ICAR. This will not only enrich the faculty but will also be of immense help to the student community.

The College offers consultancy service to farmers and also runs a veterinary hospital. This effort is appreciated. The students and teachers undertake extension activities along with Government organizations as well as independently. There is scope for further utilization of students potential for extension activities and outreach program specially in food processing.

Department of Physiotherapy holds camps in villages on regular basis. The department provides free services to the locals and service to the community.

The college has four wings of the NCC which is involved in various extension programs. The students are motivated to join the defence services as a result the college has contributed richly to the defence services of the country.

Criterion IV- Infrastructure and Learning Resources

Since its inception in 1892 the college has continuously expanded its infra-structural facilities, multi-storeyed building, library, laboratories, staff quarters, Cricket grounds, swimming pool, etc. Vast and well maintained sports grounds and well developed lawns are the special features of the college campus. The college still intends to expand the physical infrastructure. The funds for the building have come from Management, UGC grants, donation, fees from Self Financing Courses. The managements provides funds for the maintenance of college building and grounds. There is a full time maintenance crew. It is worth appreciating that college has

organized voluntary service (Kar Seva) for repairs. The academic facilities and that of the auditorium, cricket ground are also used by rotary club, schools and other organization in the area on nominal payment basis.

The campus is spread over 300 acres, is beautiful and surrounded by greenery. There is open excess system in library. Book bank facilities are also available for the needy. The computerization of library is in progress and provides reprography, computers, internet, and audio visual cassettes, cinema projector etc. Besides a central computer facility, 8 departments have computers of their own. The computers are maintained by the system administrator. There is a common instruments room which is used by all the science departments. Sports club encourages and promotes sporting and athletic activities in the college. Free education, free hostel accommodation and free meals are given to sports persons. Scholarships are also available to outstanding sports persons. The college has two girls and 4 boys hostels with a capacity of about 225 students in each. The hostel inculcates cooperative living, team work and discipline. Accommodation is also available for teaching staff and there are 125 staff quarters. Some departments are connected with telephones. The college has health centre, testing lab for students and staff. Group insurance scheme for the staff has been in existence for the last 15 years and students have been covered under accidental insurance plan from the year 2003. Free education, hostel accommodation and free meals are given to sports persons. Scholarships are also available for outstanding sportspersons.

The college has an impressive participation of students at National & International level sports activities. It has a vast and well maintained play ground.

Criterion-V Student Support and Progression

Barring a few, the college has high percentage of passes including a number of ranks in the university examinations. Since the aim of the college is to impart modern education, from time to time new courses have been added. The college collects feed back informally from the students so as to improve academic atmosphere and infrastructural facilities. The college publishes an updated prospectus annually which keeps prospective students informed of various programmes offered by the college. Financial aid is provided to the needy as well as meritorious students worth an amount of Rs. 3.6 lacs. The teachers also guide the students about employment possibilities. The alumni of the college maintained an active link with their alma-mater. The college invites 8-10 distinguished old Khalsa College students and honours them every year. The old students association can play a major role in mobilizing resources. Extra-curricular and sports departments give ample support to students to develop their leadership and management skills. Adequate educational and leisure time facilities are available to students. They include indoor and out-door games, nature club, debate club, audio-video facilities, dance and music competition, workshop and other activities conducted by various clubs. These facilities need to be further strengthened in view of students demand.

The college has recently established a placement office. Its functions and working need to be formalized and strengthened. The college has a clear mission which is pursued vigorously and indication of this is the large number of eminent alumni to have contributed significantly at the National and International level. There is also a need for a formal counselling cell with a professional counselor. The college can organize career fairs which will benefit the students of this and nearby colleges.

Criterion VI Organisation and Management

Khalsa College is governed by Khalsa College Society. The governing council analyses the working of the college and provides directions for the long-term and short-term activities for the college. Internal co-ordination and monitoring of the college is done by the Principal, Vice Principal, Registrar, Controller of Exams, Bursar, Deans and Heads of Departments. The college has an efficient internal coordinating and monitoring mechanism. The office staff has been trained for the use of computers. It is suggested that the grievance redressal cell be formalized. Loans from CPF, banks and mutual aids funds are made available in times of need. There is an internal audit mechanism in the college. The college undertakes various welfare programmes for the community.

Criterion VII: Healthy Practices

The peer team has identified a few unique features which enhance the academic ambience of the institution. They are as follows:

- ❖ The college is one of the oldest in the country and has started self-financing courses in emerging areas for the students.
- ❖ Value based education is being imparted to the students.
- ❖ Excellence in sports.
- ❖ Service to Nation by motivating students to join defence forces.
- ❖ Group insurance for teaching and non teaching staff.
- ❖ The campus maintenance and discipline are praiseworthy.
- ❖ The college gives free education, lodging and boarding to meritorious sports persons which is highly appreciated.
- ❖ The college motivates students to participate in social services like organization of blood donation camps and free medical camps for the villagers

Section 3: Overall Analysis

The peer team, after going through the self-study report and after its visit to various academic and physical facilities, is very impressed by the progress of the Khalsa College in pursuing the projected goal of the institution. Khalsa College is a heritage institution having a huge campus and rich infrastructure facilities. The institution has great potential which needs to be developed in line with the global challenges.

The peer team considers that there are a number of features in the approach of Khalsa College towards quality assurance and standards which it commends and has

some suggestions which will further enhance the quality of education being imparted in this institution.

In spite of all odds and challenges, turbulence on the border and in the State it is really commendable that this institution has maintained its secular character. The management is cooperative, the Principal is dynamic and the faculty is committed. It really augurs well that the management, College administration and the teachers are working with a sense of dedication and vision. The students are well-disciplined and feel happy in their surroundings. The parents also have appreciation for the College. Some of the departments are doing well but particular mention may be made of the Agriculture Department, Food Science & Technology, Extension Wing of Agriculture, Dairy. The Sikh History Research Centre has also preserved the valuable manuscripts. Achievements in the field of sports and games are really praiseworthy.

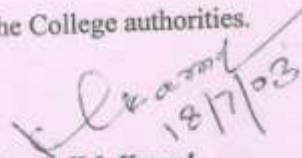
Suggestions :


- Formal institutional mechanism be evolved to evaluate the faculty.
- Mechanism to get feed-back from the students be evolved and strengthened.
- Hindi Department remains neglected, serious efforts be made to popularize and develop the department.
- Each P.G. Department should have a departmental library and also computers.
- Girls should be encouraged to participate in sports, games, NCC and other activities and adequate facilities may be provided.

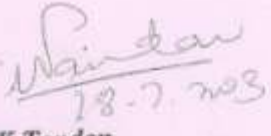
- Opportunities for students to develop in the area of Fine Arts may be given attention.
- Placement Cell seems which is in an infant stage, should be developed under the supervision of a permanent placement officer.
- An Advisory Bureau to help the students in choosing their career be established.
- Library should remain open for longer hours and more books particularly of latest editions be added.
- Since P.G. Departments have come into existence there is greater need of research. Serious efforts be made to promote fundamental and applied research in various departments.
- The College has rich infrastructure facilities to host national and even international seminars.
- The Staff Club should organize seminars, discussions on topics of mutual interest fortnightly.
- Extension lectures be organized.
- Faculty may be provided opportunity to attend National/International Seminars/Conferences for greater exposure.
- Efforts be made to start M.Phil classes, if rules permit.
- Inter-disciplinary academic activities be encouraged.

- There is need to encourage a teaching department for exploring possibilities of obtaining funds from UGC, ICSSR, ICHR, ICCR, DBT, DST and other funding agencies.

The peer team wishes the college all the best in its endeavor to become a Centre of excellence. The peer team places on record its appreciations, for the excellent co-operation, warmth and hospitality extended for the successful completion of its task by the College authorities.

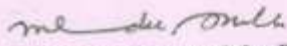

Prof. K L Kamal
Chairperson


Prof. H K Bajaj
Member


Dr. K K Tandon
Member


Dr. Usha Mukundan
Member

I agree with the observations and comments made in the report.


Signature and Seal of the Principal
Principal,
Khalsa College, Amritsar.

Annexure – VIII: NAAC 2nd Cycle Accreditation Certificate





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Khalsa College
Place : Amritsar, Punjab

Criteria	Weightage (W_i)	Criterion-Wise Grade Point Averages (Cr, GPA)	$W_i \times Cr, GPA$
I. Curricular Aspects	050	3.30	165
II. Teaching-Learning and Evaluation	450	3.21	1445
III. Research, Consultancy and Extension	100	3.40	340
IV. Infrastructure and Learning Resources	100	3.75	375
V. Student Support and Progression	100	3.70	370
VI. Governance and Leadership	150	3.53	530
VII. Innovative Practices	050	3.60	180
Total	$\sum_{i=1}^7 W_i = 1000$		$\sum_{i=1}^7 (W_i \times Cr, GPA) = 3405$

$$\text{Institutional Score} = \frac{\sum_{i=1}^7 (W_i \times Cr, GPA)}{\sum_{i=1}^7 W_i} = \frac{3405}{1000} = \boxed{3.41}$$

Grade = **A**

Descriptor = **VERY GOOD**

Date : September 16, 2011

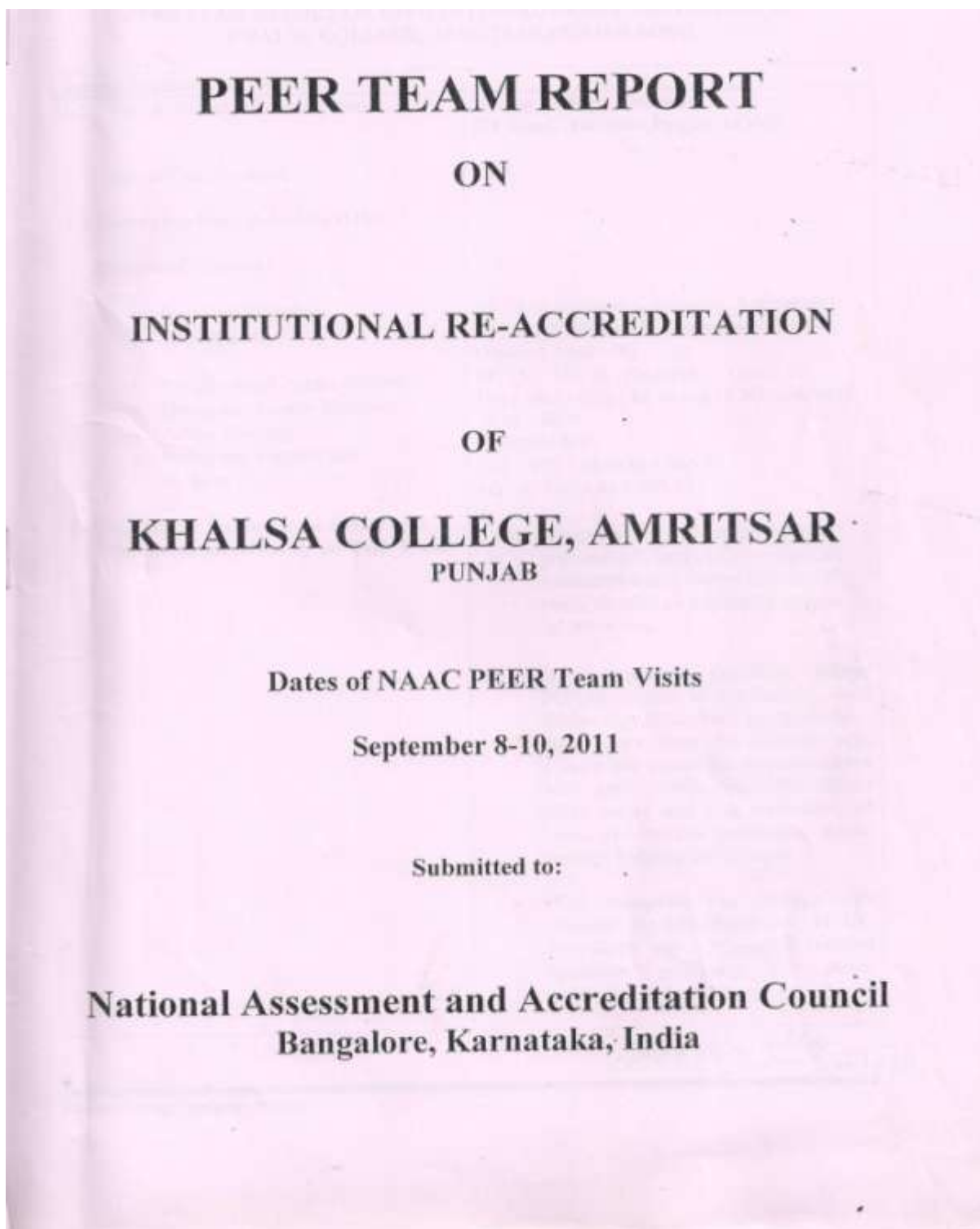


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Director

- This certification is valid for a period of Five years with effect from September 16, 2011
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.31 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer

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Annexure – IX: NAAC 1st Cycle Peer Team Report 2011



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**PEER TEAM REPORT ON INSTITUTIONAL RE-ACCREDITATION OF
KHALSA COLLEGE, AMRITSAR, PUNJAB 143002**

Section I: General Information	
1.1 Name & Address of the Institution:	Khalsa College, Amritsar GT Road, Amritsar, Punjab 143002
1.2 Year of Establishment:	1892
1.3 Current Academic Activities at the Institution (Numbers)	04 (Arts, Science, Commerce, Agriculture) 19 (Arts 7; Science 8; Commerce-1, Agri-2, Others-1 Total -19) PG 15 UG 15 Research - Others 01 104 (58M+46F) (86 Aided 18 Management) 16 M + 68 F 51 (45M+06F) UG 2856 (1890 M + 966 F) PG 657 (158 M + 499 F)
<ul style="list-style-type: none"> • Faculties/Schools • Departments • Programmes/Courses Offered • Permanent Faculty Members • Adhoc Teachers • Permanent Support Staff • Students 	
1.4 Three major features in the institutional Context (as perceived by the Peer Team)	<ul style="list-style-type: none"> • A multifaculty, co-educational, post graduate, affiliated, UGC recognized institution with a history of over 119 years, situated on a spacious campus of 300 Acres. • Good academic flexibility, unique PG/UG courses in Agriculture, Food Technology, Biotechnology, Physiotherapy, apart from conventional arts, science and commerce subjects/courses with good enrolment; Sikh history study centre and rich collection of books of historical importance; unique heritage building and Campus. • UGC recognition as College with Potential for Excellence and an ISO 9001-2000 and 14001-1996 certified institution, practicing core values required of an institution.

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1.5 Dates of the visit of the Peer Team	8, 9, & 10 September, 2011
1.6 Composite of the Peer Team which Undertook the on-site visit:	
Chairman	1. Prof.V.Gopal Reddy (Chairperson) (Former Vice-Chancellor, Kakatiya University) Vice-Chancellor, Palamuru University, Andhra Pradesh
Member Coordinator	2. Dr.Y.M. Jayaraj Professor, Department of Microbiology Gulbarga University, Karnatka
Member	3. Dr.Deo Subhash Atmaram Principal, Gogate Jugalikar College, Ratnagiri Maharashtra
NAAC Coordinator	- Dr. M.S. Shyamsundar

SectionII :CRITERION WISE ANALYSIS	Observations (Strengths and/or Weaknesses)on Key Aspects (Please limit to three major ones for each and use telegraphic language(it is not necessary to indicate all the three bullets each time; write only the relevant ones)
<p>2.1 Curricular Aspects:</p> <p>2.1.1 Curricular Design & Development</p> <p>2.1.2 Academic Flexibility</p>	<ul style="list-style-type: none"> • As an affiliated college, follows the curriculum and development of parent University. • Curricular design and development are in tune with the relevance, need of the region and nation. • Faculty have taken initiative in curricular design and development. • Wide range of UG and PG programmes leading to academic flexibility at entry point, in basic and applied subjects and emerging thrust areas.

M. S. Shyamsundar 10/9/11
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<p>2.1.3 Feedback on Curriculum</p> <p>2.1.4 Curriculum update</p> <p>2.1.5 Best Practices in Curricular aspects</p>	<ul style="list-style-type: none"> • Diversified courses in four faculties(Agriculture, Science, Commerce and Arts); Honours courses in Agriculture, Physiotherapy, Food Technology and Biotechnology. • Course options at UG/PG available. • Formal and informal feedback from Stakeholders. • Formal feedback and its analysis needs to be institutionalized with a follow up. • Periodic revision and update of syllabi by parent University. • Faculty contribution as members of BOS and Faculty (27 members). • Curriculum in emerging thrust areas including interdisciplinary areas; inclusion of computer science subject in all courses. • PG-UG honours courses in Agriculture, Food Technology, Biotechnology, B.Com Professional and Physiotherapy. • Provision of academic flexibility.
<p>2.2 Teaching-Learning & Evaluation</p> <p>2.2.1. Admission Process and Student Profile</p>	<ul style="list-style-type: none"> • As per affiliating University, UGC and State Govt. guidelines. • Entrance test-Reservation-cum-merit basis. • Transparent Admission Procedure, Wide publicity, Brochures, Website.

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<p>2.2.2 Catering to the diverse needs:</p>	<ul style="list-style-type: none"> • Equal opportunities to disabled students provided. • Economic and academic support to needy students and Financial & other support provided to sports students and for students involved in extra curricular activities. • Bridge and remedial programmes for needy students; Scope for institutionalization and documentation.
<p>2.2.3 Teaching-Learning Process</p>	<ul style="list-style-type: none"> • Academic plan and its proper implementation in place. • Various suitable teaching methods are identified and implemented according to need of the subject, apart from traditional teaching method. • Students are encouraged to participate in teaching-learning process.
<p>2.2.4 Teacher Quality</p>	<ul style="list-style-type: none"> • Two thirds of sanctioned vacancies filled as per government grant in aid norms; Management has appointed both permanent and ad hoc teachers as per the need. • Good number of teachers have Ph.D. and M.Phil. degrees to their credit; encouragement to staff to pursue higher studies. • Faculty development programmes initiated.
<p>2.2.5 Evaluation Process and Reforms</p>	<ul style="list-style-type: none"> • Proper communication of evaluation methods to the students. • Continuous internal assessment and mid term examinations are initiated.

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<p>2.2.6 Best Practices in Teaching-learning and Evaluation</p>	<ul style="list-style-type: none"> • Scope for grievance redressal for evaluation/examination. • Good demand ratio for agriculture courses, admission through entrance tests; raise in women enrollment. • Steps towards student centric approaches.
<p>2.3 Research, Consultancy & Extension:</p> <p>2.3.1 Promotion of Research:</p> <p>2.3.2 Research and Publications Output</p> <p>2.3.3 Consultancy</p>	<ul style="list-style-type: none"> • Institutional facilities and incentives offered to staff to facilitate research work . • Availability of five research guides; scope for institutionalization of research culture and explore research collaborations. • Sponsored seminars are conducted and proceedings published in select cases. • Two major projects of UGC (13.0 lakhs) and seven minor projects of UGC (7.08 lakh). • Number of research papers and Books published: International-30,National-57, Books-67 • Commendable publication in journals with good impact factors . • Consultancy services extended to farmers and agro entrepreneurs and in physiotherapy. • Honorary consultancy by staff to stakeholders.

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2.4.2 Maintenance of infrastructure

- New infrastructure created to upgrade laboratories.
- Sufficient budgetary support for maintenance of infrastructure.
- Separate maintenance department functional.

2.4.3 Library as a Learning Resource

- Steps initiated to maintain heritage building through expertise advise.
- One of the oldest libraries with rich collections comprising rare collections of reference and text books of significance.
- Library data and transaction is automated (OPAC and bar coding transaction).

2.4.4 ICT as Learning Resources

- Service of department libraries and library of Sikh History Research centre commendable.
- Computer laboratories with specified configuration as per course needs available.
- Department, Office and support services provided with computers.
- Separate Centralised Computer Centre with 25 systems with internet connectivity for the use of faculty and researchers.

2.4.5 Other Facilities

- Wi fi facility on the campus may be provided.
- Hostels (3 for boys and 3 for girls) available with a capacity for around 800 inmates (400 for boys and 400 for girls; Health centre with full time Doctor and support staff; availability of ambulance and free medical treatment and care for all including public available with annual budget of Rs. 2.5 lacs.
- Spacious sports grounds, swimming pool, courts for sports and grounds, indoor and

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<p>2.5.4 Best Practices in Student Support and Progression)</p>	<ul style="list-style-type: none"> • Achievements and honours received in sports and cultural events at all levels. • Excellence in sports and cultural activities. • Emphasis to discipline, personality development, talents and creativity. • Commendable progression of students to higher level and increase in the enrollment of girls .
<p>2.6 Governance and Leadership</p> <p>2.6.1 Institutional Vision and Leadership</p> <p>2.6.2 Organisational Arrangements</p> <p>2.6.3 Strategy development and deployment</p>	<ul style="list-style-type: none"> • Institutional vision and mission are in tune with regional, national and global needs. • Benevolent and effective management and leadership • Emphasis being given to reforms and restructuring. • Formal and informal organisational setup in place. • Informal committee system involving staff and stakeholders. • Academic and educational administrative structure and function on the model of university. • Emphasis given to strengthening of existing courses and introduction of new need based courses along with requisite human resource and infrastructure. • Scope for a perspective plan document. • Deployment with system perspective and effective leadership of Principal

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<p>2.6.4 Human Resource Management</p> <p>2.6.5 Financial Management and Resource Mobilization</p> <p>2.6.6 Best Practices in Governance and Leadership</p>	<ul style="list-style-type: none">• Teachers' self appraisal and student feedback mechanism in place.• Appointment of regular and ad hoc teachers by management as per norms and welfare mechanism in place.• Faculty Development activities to staff are conducted.• Funds from State and Central Govt./UGC and other agencies generated (development and other schemes).• Adequate budget provision available.• Regular Audit undertaken(internal, external and Government).• University model of academic, administrative structure and function.• Generation of resources.• Appointment of dynamic and qualified staff by the management for need based courses.• Training to office staff.
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<p>3.2 Institutional Weaknesses</p>	<ul style="list-style-type: none"> • Good publication of books, especially by computer science and science departments. • Proactive alumni; impressive extension activity in Agriculture and Physiotherapy. • Traditional approach in teaching-learning and evaluation. ? • Informal career guidance and counseling as well as basic placement service. ? • Less emphasis to research activities and publications in certain departments. ? • Traditional governance. ? • Less usage of MIS and total automation/computerization. ?
<p>3.3 Institutional Challenges</p>	<ul style="list-style-type: none"> • To transform a traditional institution into a modern vibrant institution as per the need of the hour, retaining the traditional values and vision. ? • To adopt ICT enabled pedagogy effectively in teaching-learning-evaluation and student centric approaches. ? • To initiate active collaborative, interdisciplinary research culture and activity relating to publications and patents. ? • To renovate and modernize the existing physical facilities on the campus to suit the needs of the present day. ? • To enhance the Agriculture farm and Food Technology requirements as per need and industry linkage for inhouse training; to give emphasis to practicals. ?
<p>3.4 Institutional Opportunities</p>	<ul style="list-style-type: none"> • Training of staff on usage and adoption of ICT; to design proper human resource development policy for future expansion ? • To develop a suitable perspective plan based on SWOT and need of the day ?

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	<ul style="list-style-type: none"> • To identify, develop and institutionalize the best and innovative practices in all spheres and effective implementation. • To promote research, collaborations and enhance research output. • To provide soft skills leading to development of global competencies among students leading to better career opportunities at National and Global levels.
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Section IV Recommendations for quality enhancement of the institution (Please limit to ten major ones and use telegraphic language) (it is not necessary to indicate all the ten bullets)

- To introduce career oriented programmes under dual degree-diploma mode and UGC sponsored innovative PG programmes in emerging thrust areas.
- To enhance the adoption of ICT enabled pedagogy in teaching, learning and evaluation process.
- Intake for agriculture courses may be enhanced, keeping in view the huge student demand alongwith required infrastructural facilities.
- To promote interdisciplinary collaborative research activity with the provision of suitable incentives to staff; to encourage staff to get UGC funding to undertake research projects and implement special schemes; initiate study centre activities; Teachers may be encouraged to take up translation works with the assistance of Central and State Academies.
- To explore and initiate collaboration and linkages with suitable MOUs to facilitate institutional growth in academic and co academic activities and also placement services.
- To establish computerized language laboratory with requisite softwares and packages to promote competence in English and communication skills and a commerce laboratory.
- To enhance ICT facility with the provision of wi fi connectivity to promote e-learning and to provide more AV rooms; enhance the reading room capacity; to digitalise rare collections; to introduce management information system and interactive website for academic and financial governance and administration.
- To provide training and guidance facility for competitive examinations, entrance tests, NET and strengthen placement services professionally.

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- To prepare perspective academic plan for maintenance of heritage building, provision for new infrastructure especially for Food Technology and Agriculture, physiotherapy and Hostels, Agriculture Farm and an indoor stadium.
- Courses and studies in Folklore, Folkculture, Fine Arts, Visual-Performing Arts may be initiated along with multimedia based mass media studios to preserve and propagate Punjabi culture and traditions.

I agree with the report.



Principal
10.9.11
Signature of Head of the Institution With
Date & Seal Khalsa College, Amritsar

Name and Signature with date

1. Prof. V. Gopal Reddy
Chairperson

V. Gopal Reddy
10/9/11

2. Dr. Y. M. Jayaraj
Member Coordinator

Y. M. Jayaraj
10-9-2011

3. Dr. Deo Subhash AtmaRam
Member

Deo Subhash AtmaRam
10-9-11

Amritsar, 10th September, 2011