



Estd. 1892

INTERNAL QUALITY ASSURANCE CELL

Khalsa College Amritsar

An Autonomous College affiliated to G.N.D.U., Amritsar
UGC Letter No. F. 22-1/2013 (AC) Dt. 22-05-2013

(O) : +91-183-2258097
(M) : +91-98881-95770
Fax : +91-183-2255619
Pin : 143002 (Pb.) India

E-mail : iqac@khalsacollege.edu.in, directoriqac@khalsacollege.edu.in web : www.khalsacollege.edu.in

◆ A HERITAGE INSTITUTION AND COLLEGE WITH POTENTIAL FOR EXCELLENCE - Status conferred by UGC ◆

◆ NAAC REACCREDITED "A" GRADE (CGPA) ◆ STAR STATUS CONFERRED BY DBT, NEW DELHI ◆ AN ISO CERTIFIED COLLEGE ◆

Dr. Taminder Singh
Director

No. _____

Dated _____

Annual Summary Report (2019-20)

The Internal Quality Assurance Cell (IQAC) at Khalsa College Amritsar played a significant role in fostering continuous improvement and transformation in the college's overall performance during the academic year 2019-20. As an integral part of the institution, the IQAC initiates the quality enhancement initiatives in higher education. It actively engaged stakeholders such as students, teachers, parents, alumni, funding agencies, and the community in the college's quality enhancement activities.

Quality Initiatives Implemented:

During the academic year 2019-20, the IQAC implemented various quality initiatives to promote excellence and development. Some noteworthy initiatives include

Student Enrichment Programmes

(i) Student Induction Programme:

The Student Induction Programme was organized by the IQAC in collaboration with various departments. It consisted of a series of interactive talks, seminars, and workshops aimed at equipping students with essential skills, knowledge, and career guidance. The topics covered in these sessions included "Challenges and Opportunities in the Medicinal Plants Sector in India," "Career Guidance and Roadmap for Competitive Exams," "Workshop on Interview Skills Preparation," and "Mental Ability Workshop." These initiatives played a significant role in the overall development of the students and prepared them for their future endeavors. In addition to the Student Induction Programme, a one-day seminar on 'Tuberculosis: A Global Health Problem' was conducted. A lecture on "Career Guidance and Future Prospects in Biotechnology" was also delivered as part of the Life Long Learning Programme. Furthermore, a certificate course in Cutting, Stitching, and Tailoring was organized, along with a workshop on "Basics of Manufacturing Excellence in Cookies Production." Seminars on IELTS and Beyond and Education Abroad, conducted by IDP, provided valuable insights to the students. Lastly, a seminar on "How to Become IAS & Success Mantra for Competitive Exams" focused on providing guidance for aspiring candidates.


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(ii) Curriculum Development:

The curriculum development process involves the active participation of various stakeholders, including the department faculty, Board of Studies (BOS), College Governing Body, and Academic Council. These entities collaborated to design and update the curriculum, ensuring its relevance and alignment with industry standards and academic requirements. The faculty members contributed their expertise and subject knowledge to shape the curriculum, while the BOS provided valuable insights and recommendations. Overseeing the process, the College Governing Body and Academic Council ensured the curriculum's quality and adherence to the institution's vision and goals.

(iii) Introduction of New Courses:

In the academic year 2019-20, several new courses were introduced. These included courses such as Food Safety and Standards, Agricultural Journalism, General Orientation & On-campus Training by different faculties, Plant Clinic, Village Attachment, Agro-Industrial Attachment-I, Agro-Industrial Attachment-II, Production Technology Bio-agents and Bio-fertilizer, Mushroom Cultivation Technology, Soil, Plant, Water and Seed Testing, Commercial Beekeeping, Floriculture and Landscaping, Commercial Horticulture, Food Processing, and Organic Production Technology.

In the field of chemistry, courses such as Inorganic Chemistry-I (Ligand Field and Group Theory), Organic Synthesis-I, Modern Methods of Organic Synthesis, Physical Chemistry-I (Thermodynamics), Spectroscopy A: Techniques for Structure Elucidation of Organic Compounds, Inorganic Chemistry Lab-I (Quantitative Analysis), Organic Chemistry Lab-I, Inorganic Chemistry-II (Reaction Mechanism, Organometallics, and Catalysis), Organic Synthesis-II (Reaction Mechanism-Addition, Elimination, and Rearrangements), Physical Chemistry-II (Quantum Chemistry), Spectroscopy B: Techniques for Structure Elucidation of Inorganic Compounds, Organic Synthesis-III (Supramolecular, Reactive Intermediates, and Disconnections), Physical Chemistry Lab-I, Inorganic Chemistry Lab-II, Physical Chemistry-III, Physical Chemistry Lab-III, Molecular Spectroscopy-IV, and Physical Chemistry Lab-IV were offered.

Additionally, courses like Trigonometry and Advanced Calculus, Analysis, Mathematical Modelling and Differential Equations, Statics and Vector Calculus, Number Theory, Numerical Analysis, Music Instrumental (Theory and Practical), Theoretical Survey of Indian Music, History of Indian Music, Stage Performance, Critical and Comparative Study of Raga (viva-voce), Critical Study of Raga and Aesthetic, An Analytical Study of Granthas,

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Mathematical Physics, Classical Mechanics, Computational Techniques, Electronics Lab, Computer Lab, Quantum Mechanics-I, Electrodynamics-I, Condensed Matter Physics-I, Atomic & Molecular Spectroscopy, Condensed Matter Lab-I, Spectroscopy Lab, Physics-III (Electricity and Magnetism), Physics Lab-III, Physics-IV, Physiotherapy Management in Orthopaedic Conditions, General Orthopaedic Physiotherapy, Dissertation-I, Practical, Clinicals/Journal Club-III, Bioengineering and Rehabilitation Principles, Approaches in Musculoskeletal Physiotherapy, Dissertation-II, Practical, Clinicals/Journal Club-IV, Basic Therapeutics for Neurological Disorders, Neurosurgical Rehabilitation, Vishav Classicy Sahit Paper-5, Adhunik Punjabi Kavita (upto 1960), and Adhunik Punjabi Kavita (After 1960) were also part of the curriculum.


(iv) Introduction of value added courses:

In the academic year 2019-20, a range of value-added courses were introduced. These courses included the Commerce Certificate Course in Computerized Accounting Software, which aimed to provide students with practical skills in computerized accounting. Another course offered was the Computer Certificate Course in Web Designing, which focused on equipping students with the knowledge and skills necessary to design websites. The Food Science Certificate Course in Food and Vegetable Processing provided students with an understanding of food processing techniques and the importance of quality control in the food industry. Lastly, the Music Certificate Course in Gurmat Sangeet aimed to promote the understanding and practice of Gurmat Sangeet, a form of music associated with Sikh devotional music. These value-added courses were introduced to enhance students' knowledge and skills in specific areas, offering them additional opportunities for personal and professional development.

Faculty Enrichment Programmes

(i) Faculty Development Programme (FDP):

The IQAC organized an online Faculty Development Programme from July 22-28, 2020, focusing on the "Multidimensional Impact of Covid-19 on Higher Education." Esteemed resource persons provided valuable insights into the challenges and transformations faced by the education sector during the pandemic. The program emphasized the importance of digital technology in teaching and learning, highlighting the need for teachers to receive training in this area. It addressed the vulnerabilities exposed by the pandemic and encouraged teachers


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to adapt to the changing educational environment. The faculty from Khalsa College Amritsar attending the FDP were exempted from the registration fee. Dated _____

(ii) Faculty Enrichment Programme:

The IQAC, in collaboration with the Post Graduate Department of English and Physics, organized Faculty Enrichment Programmes sponsored by the University Grants Commission (UGC). These programmes aimed to enhance the language proficiency of faculty members and promote scientific temperament in education. Renowned scholars and experts shared their knowledge and experiences, providing valuable insights and methods for effective teaching.

Research and Innovation

(i) Research Awards to Faculty:

In academic year 2019-20, the faculty members were recognized for their research contributions through Research Awards. Dr. Amit Anand, an Associate Professor in the PG Department of Chemistry, received a cash prize of fifty-one thousand rupees as the Best Teacher Award, along with a certificate. Similarly, Dr. Jaswinder Singh, an Associate Professor in the PG Department of Zoology, was honored with a cash prize of one lakh rupees as the Best Researcher Award, along with a certificate. These awards were given to acknowledge their exceptional dedication and achievements in their respective fields of expertise. The recognition not only provided them with financial rewards but also served as a testament to their commitment and significant contributions to their areas of research and teaching.

(i) Seed Money for Research:

In the academic year 2019-20, a total of thirteen teachers were awarded seed money for research in various disciplines. Dr. Mehal Singh received the seed money grant in Punjabi, Dr. Taminder Singh in Physics, Dr. Avtar Singh in Commerce, Dr. Deepak Devgan in Commerce, Dr. Kultar Singh in Chemistry, Dr. Kuldip Singh in Punjabi, Dr. Sawant Singh Mantoo in English, Dr. Mani Arora in Computer Science, Dr. Gurbax Singh in Agriculture, Dr. Hardeep Kaur in Chemistry, Dr. Gursharan Kaur in Food Science & Technology, Dr. Jaswinder Kaur in English, and Dr. Joga Singh in Physics. The total amount sanctioned for

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these research grants was Rs. 6,01,341/-. These grants provided the teachers with the necessary financial support to pursue research projects in their respective fields. The seed money enabled them to initiate and conduct valuable research, contributing to the advancement of knowledge in their disciplines. Dated _____

(ii) Research Publications:


In the academic year 2019-20, a total of 103 research papers were published by the faculty at Khalsa College. These research papers represented the dedicated efforts and contributions of the college's faculty members towards advancing knowledge and contributing to their respective fields of study. The publication of these research papers showcased their commitment to scholarly research and the dissemination of valuable insights and findings within the academic community. The faculty members' hard work and expertise were evident in the quality and quantity of research papers published, demonstrating their active engagement in research and their commitment to staying at the forefront of their disciplines.

(iii) Research funding received by the institution and its faculties through Government and non-government sources:

In 2019-20, the institution and its faculties received research funding from government and non-government sources. The college received research funding through the UGC-CPE scheme for the PG departments of Agriculture, Commerce, Chemistry, and Physics.

Scholarship to Students

In the academic year 2019-20, approximately 630 students from the college were awarded scholarships under the Post Matric Scholarship Scheme initiated by the Punjab Government. Alongside, nearly 2628 students received Institutional Scholarships and Freeships. Furthermore, 164 students were fortunate to benefit from NGO Scholarships, and 10 students were honored as recipients of Philanthropists Scholarships. These scholarships provided significant financial support to deserving students, enabling them to pursue their education without financial constraints and encouraging their academic achievements.


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Funds received from Philanthropists

In the academic year 2019-20, the institution received funds from philanthropists. These funds included contributions from Khalsa Global Reach Foundation INC and the Late Diwan Singh Scholarship. The Khalsa Global Reach Foundation INC generously donated funds to support the institution's endeavors, while the Late Diwan Singh Scholarship provided financial assistance to deserving students.

Industrial Trainings/Internships/On-the Job Trainings

During the academic year 2019-20, several students from Khalsa College Amritsar had the opportunity to participate in various industrial trainings, internships, and on-the-job training programs. They were trained at organizations such as The Batala Cooperative Sugar Mills, The Fazilka Cooperative Sugar Mill, Agriculture & Farmer Welfare in Amritsar, Agriculture & Farmer Welfare in Mukatsar, BS Agro Industry in Batala, The Amritsar Central Co-operative Bank Ltd, The Tarn Taran Co-op Ltd, The Sirsa Central Cooperative Bank Ltd in Mandi, The Sangrur Central co-Operative Bank Ltd in Sangrur, The Gurdaspur Central co-Operative Bank Ltd, The Fazilka Central co-Operative Bank Ltd in Jalalabad, The Hoshiarpur Central co-Operative Bank Ltd in Hoshiarpur, The Co-operative Bank in Muktsar, The Co-operative Bank in Ferozepur, Deluxe Food Products in Amritsar, Markfed Agro Chemical SAS Nagar, Markfed Canneries in Jalandhar, Fertilizers Ltd. in Chandigarh, National Fertilizers Ltd. in Chandigarh, All India Pingalwara Charitable Society, Punjab State Cooperative Supply & Marketing Federation Ltd. These training programs covered a range of activities such as processing market milk and products, working on seed production and processing, managing orchards and nurseries, procurement and sale of crops, and analyzing the impact of improved straw management techniques. The training periods varied for each program and were conducted between August 2019 and November 2019.

Submission of Reports:

The IQAC has prepared and submitted the following reports to the concerned agencies in the session 2018-19.

- (i) National Institutional Ranking Framework (NIRF)


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- (ii) All India Survey on Higher Education (AISHE)
- (iii) Annual Quality Assurance Report

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Feedback Analysis

Based on the feedback analysis report for the academic year 2019-20, Khalsa College Amritsar received positive feedback from various stakeholders. In terms of alumni feedback, a significant percentage considered the library facilities to be excellent or good, and the courses taught were found helpful for higher studies and career planning. The majority of alumni agreed that the course curriculum met their expectations, and many acknowledged the extra efforts made by teachers to ensure understanding. Internet lab facilities were highly regarded by the alumni, and extracurricular activities were considered excellent or good by a large majority.

The feedback from employers indicated that communication skills of the students were excellent, and problem analysis skills were also highly regarded. Internships, field visits, assignments, and seminars were seen as relevant for developing employment-related skills. The course content was praised for its scope in developing analytical, logical, technical, and creative skills. Employers also appreciated the attitude and subject knowledge of the students. Teachers' feedback revealed that the syllabus was perceived as need-based, and the course content provided ample opportunities for skill development. Course activities such as internships, field visits, and guest lectures were considered relevant for skill enhancement. The majority of teachers acknowledged the clarity of course outcomes and found the career guidance provided to students to be effective. According to student feedback, the course content was seen as comprehensive for developing analytical, logical, technical, and creative skills. The syllabus was recognized for its coverage of recent trends and global aspects. Students highly valued the relevance of internships, field visits, guest lectures, and seminars for skill development. The syllabus was perceived as a good balance between theory and application, and the availability of learning resources such as the library, labs, and ICT provisions received positive feedback.

IQAC Meetings


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The IQAC conducted regular meetings with department members to prepare the Annual Quality Report (AQR) for NAAC. On 25.04.2019, a meeting of the Internal Quality Assurance Cell (IQAC) was held in the office of Principal Khalsa College Amritsar. The main agenda of the meeting was to discuss the extension of Autonomous Status to the College. Additionally, the prospectus/College book for the session 2019-20 was approved, and plans were made for orientation programs for newly admitted students as well as an Orientation Program for newly recruited teachers.

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Another meeting of the Internal Quality Assurance Cell (IQAC) took place on 29.08.2019. The purpose of this meeting was to review the progress of the construction of the New Skill Development Block. Furthermore, the conduct of Tutorial Classes for students and the organization of Arambhak Ardas Divas for the session 2019-20 were also discussed and planned during the meeting.

Through these initiatives, the IQAC at Khalsa College Amritsar demonstrated its commitment to quality enhancement and its role in fostering holistic development within the institution.

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