

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF AGRICULTURE

Dr. Randeep Kaur

Published Paper in Journals (National = 4, International = 2)

1. **Randeep kaur**, Baldeep Singh ,Lavleen kaur sandhu and Gian kaur, "Dimensions of women autonomy in household decision making in Rural Punjab", International Journal of Sustainable Development, Ontario International Development agency ,Canada, (2018) , 11-39,ISSN 1923-6654 (print)
2. Lavleen kaur and **Randeep kaur** and Harjinder singh Saini, "Comparative study of marketing efficiency of green pea in pre and post demonetization period", Annals of Agricultural Research, 39(4), 2018, 442-448. 0970-3179
3. **Randeep kaur** and Lavleen Kaur, "Changing dimensions of women status in Punjab", Indian Journal of Economics and development, 14(a), (2018), 457-462, 2277-5412.
4. **Randeep Kaur**, Lavleen Kaur, Sandeep Singh. "Income and Employment from winter vegetables vis-a-vis competing crop wheat in Punjab ", Indian Journal of Economics and Development, 2017, 13(2a), 277-281.
5. **Randeep Kaur**, Gian kaur , "Livelihood Security of Rural Women in Punjab "Journal of Agricultural Development and Policy, (2014) ,24(1),14-22, 0974-907
6. **Randeep Kaur** and Gian Kaur, "Food, Health and Habitat Security of Rural Women in Punjab "(2013) IOSR Journal of Humanities and Social Science, , 14 (6), 107-116 , 2279-0845

Prof. Satnam Singh

Papers Published

International:-

Ramandeep Kaur, Sandip Singh Bhatti, Sharanpreet Singh, Jaswinder Singh & Satnam Singh
Phytoremediation of Heavy Metals by Using Cotton Plant: A Field Analysis, Bulletin of Environmental Contamination and Toxicology. Vol. 101 No. 1, July 2018, (Page 637-643), (ISSN: 0007-4861). DOI 10.1007/s10653-018-2472-8. (Publisher: Springer)

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF AGRICULTURE

Dr. Gurbax Singh

Papers Published

National:-

1. Gurkirat Singh, **Gurbax Singh** & Amarinder Singh, Studies on intercropping of maize (*Zea mays* L.) with pea (*Pisumsativum*L.) genotype, Indian Journal of Ecology (Accepted) 2018,
2. Ramandeep Kaur Brar, Jashanjot Kaur & **Gurbax Singh**, Effect of organic sources of nutrients on growth, yield, nutrient uptake and economics of onion (*Allium cepa* L.), Ecology, Environment, & Conservation, (2015), PP. S.359-362, (ISSN: 0971-765X)
3. Jashanjot Kaur & **Gurbax Singh**, Competitiveness of Wheat (*Triticumaestivum* L.) cultivars under spacing and weed levels, Indian Journal of Ecology, 41(2), (2014), PP 357-59
4. KS Sandhu, MS Shahi, RK Sharma, **G Singh**, Effect of Fertility Levels and Varieties on Tuber Yield and Processing Quality of French Fry Grade Potato., Journal of Krishi Vigyan, 2016 - iskv.in

International:-

1. KS Sandhu, RK Sharma, **G Singh**, Effect of Weed Control on Yield and quality of Malt Barley, Journal of Wheat Research, 8 (2), 2016, 38-42.
2. KS Sandhu, MS Shahi, **G Singh**, Processing attributes of Potato varieties stored at ambient conditions of north western planes, Potato journal, 41(1), (2014), 86-90, ISSN: 0970-8235-097-599.
3. Jashanjot Kaur, **Gurbax Singh** & Avtar Singh, Impact of varieties, spacing and weed levels on growth, nutrient uptake and economics of wheat (*Triticumaestivum* L.), Agriculture Research Journal, 10(1), (2015), 146-41, DOI no. 10.5958/2395-146X.

Prof. Rakesh Sharma

Published Paper in Journals

National:-

1. Baljinder Singh and **Rakesh Kumar**, Effect of integrated nutrient management on growth, yield and yield attributing characters in cluster bean (*Cymopsis tetragonaloba*) Agricultural Science Digest, **36**(4), 2016, Pp: 307-10, ISSN 0304-5250.

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2. Baljinder Singh and **Rakesh Kumar**, Effect of integrated nutrient management on growth, yield and nutrient uptake of clusterbean (*Cyamopsistetragonaloba*) under irrigated conditions, Agricultural Science Digest, **36**(1), 2016, Pp: 35-39, ISSN 0304-5250
3. Ramandeep Brar, **Rakesh Kumar** and Jashanjot Kaur, Effect of organic sources of nutrients on yield and quality of onion(*Allium cepa*), Indian Journal of Ecology, **42**(1), **2015**, 266-67, ISSN 0304-5250
4. Mandeep Singh and **Rakesh Kumar**, Effect of Date of sowing and seed rate on the growth and yield of *kharif* mash *Vigna mungo* L.), Agricultural Science Digest, **34**(3), (2014), Pp:211-14, 0253-150X.
5. KS Sandhu, MS Shahi, **RK Sharma**, G Singh, Effect of Fertility Levels and Varieties on Tuber Yield and Processing Quality of French Fry Grade Potato, Journal of Krishi Vigyan, 2016 - iskv.in
6. Singh N.D. & **Kumar, R.**, A Meta Analysis of Chenani Watershed Development Programme of Udhampur district of J&K, Indian journal of Ecology, 44(1), (2017), Pp: 12-18, ISSN No. 0304 - 5250.

International:-

1. Ekamdeep Kaur, **Rakesh Kumar** and N.D. Singh, Evaluation of herbicides and their combinations for weed control in wheat (*Triticumaestivum* L.), International journal of environment agriculture and biotechnology(IJEAB), **3**(4), (2018), Pp:1213-15, ISSN: 2456-1876.
2. Ekamdeep Kaur, **Rakesh Kumar** and N.D. Singh, Efficacy of pre emergence and post emergence herbicides on weed control and yield in Wheat, International journal of current microbiology and applied sciences, **7** (02), 2018, 883-87 ISSN: 2319-7706.
3. **Rakesh Kumar** and N.D. Singh, Effect of inorganic and organic sources of nutrients on nutrient uptake, yield and economics of processing potato (*Solanum tuberosum*), International Journal of Advanced Research, **4**(4), 2016, PP 498-503, ISSN 2320-5407
4. Monika Sharma and **Rakesh Kumar**, Financial Management of Punjab Technical University, International Journal of Management Research, **4**(4), (2016), ISSN 2321-1709.
5. Sandeep Bhathal and **Rakesh Kumar**, Response of integrated nutrient management on growth, yield and yield attributing characters of Cluster Bean (*Cyamopsistetragonaloba*) under irrigated conditions of Amritsar, International Journal in Management and Social Science, **4**(5), 2016, Pp: 41-47, ISSN 2321-1784

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF AGRICULTURE

Dr. Kanwaljit Singh

Papers Published

International:-

1. **KS Sandhu**, RS Marwaha, P Kumar, Processing attributes of Potato varieties stored at ambient conditions of north western plains, Potato journal, 41(1), (2014), 86-90, ISSN: 0970-8235-097-599
2. P Kumar, BP Singh, R Kumar, **KS Sandhu**, Optimizing crop geometry in Kufri Chipsona-3 and Kufri Himsona for higher grade tuber yield and quality, Potato journal, 41(2), (2014), 152-159, ISSN: 0970-8235-097-599

National:-

1. **KS Sandhu**, Manpreet Singh & Parveen Kumar Effect of Sowing Time and Different Levels of Nitrogen on Yield and Quality of Barley, Annals of Agricultural Research ,38(2), (2017), 136-140, ISSN: 0970-3179
2. Khushkaran Singh & **KS Sandhu** Effect of Weed Control on Yield and quality of Malt Barley, Journal of Wheat Research, 8(2), (2016), 38-42
3. Influence of Calcium Dose and Time of Application on Tuber Yield and Processing Quality of Potato (2015) Annals of Agricultural Research 36 (1): 28-37 ISSN: 0970-3179
4. R kumar, D Kumar, S Singh, **KS Sandhu**, Fertilizer Management of Potato variety Kufri Fry Sona for higher Yield, good Fry Quality, Profitability and Storability Annals of Agricultural Research, (2015), 36 (2): 191-199 ISSN: 0970-3179.
5. Time and Method of Nitrogen Application for Chipping Potato variety Kufri Chipsona-3 for higher Productivity, Profitability and processing quality during long term storage (2014) Annals of Agricultural Research 35(4): 430-434 ISSN: 0970-3179
6. Effect of Fertility Levels and Varieties on Tuber Yield and Processing Quality of French Fry Grade Potato. **KS Sandhu**, MS Shahi, RK Sharma, G Singh Journal of Krishi Vigyan, 2016 - iskv.in

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF AGRICULTURE

Dr. Narinder Deep Singh

Published Paper in Journals (National =04, International = 04)

National:-

1. Kaur, L. & **Singh N.D.**, Evaluating Kissan Credit Card Scheme in Punjab, Indian Journal of Economics and Development, 12(1a), 2016 Pp- 463-466, ISSN No. 2277-5412
2. **Singh N.D.** & Kumar, R., A Meta Analysis of Chenani Watershed Development Programme of Udhampur district of J&K, Indian journal of Ecology, 44(1), (2017), Pp: 12-18, ISSN No. 0304 - 5250.
3. Singh, G., **Singh N.D.** & Singh, T., Estimating the Determinants and Factors Affecting the Profitability of Small Dairy Farmers in Punjab, Indian Journal of Economics and development, 13(2a), (2017), Pp: 458-463, ISSN No. 2277 -5412.
4. Singh, T., **Singh N.D.** & Kaur, A., Exploring the farmers attitude towards paddy straw burning in Punjab, Indian Journal of Economics and development. 14(2a), (2018), ISSN 2277-5412

International:-

1. **Singh N.D.**, A Comparative Study of Role of Marketing Margins in Dairy Development of Amritsar and Ferozepur districts of Punjab, Int. Research Journal of Agricultural Economics and Statistics.4(1), 2013, **Pp: 33-37, ISSN No. 0976-5638**
2. Kumar, R. & **Singh N.D.**, Effect Of Inorganic And Organic Sources Of Nutrients on Nutrient Uptake, Yield And Economics of Processing Potato (*Solanum Tuberosum* L.), International Journal of Advanced Research, 4(3), (2016), **ISSN No. 2320- 5407**
3. **Singh N.D.** & Singh, J., Estimating Extent and Causes of Poverty Among Schedule Castes in Rural Areas of Punjab, Academy of Social Sciences Journal, 1(1), (2016) **Pp 29-34, ISSN No. 2456-2394**
4. Kaur, E., Kumar, R. & **Singh N.D.**, Efficacy of pre emergence and post emergence herbicides on weed control and yield in Wheat, International journal of current microbiology and applied sciences, (2018) 2319-7706 7(2)

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P.G. DEPARTMENT OF AGRICULTURE

Dr. Amarjeet Kaur

Published Paper in Journals

National:-

1. Manjot Kaur and Amarjeet Kaur (2019).Improvement in storability and quality of peach Cv. Flordaprince with post-harvest application of various chemicals. Date of publication- (8January, 2019), Journal of Pharmacognosy and Phytochemistry (ISSN: 0975-2331) Vol. 8, Issue 1: page-460-464.
2. Ismeet Singh and Amarjeet Kaur (2018)Effect of pruning systems on growth and yield traits of greenhouse grown bellpepper (Capsicum annum L. var. grossum). Vol. 52, Issue 4, page-414-418, (18 August 2018) Indian Journal of. Agricultural Research (ISSN-0976058X)
3. Prince Kamboj and Amarjeet Kaur (2018).Influence of Various Oil Coatings on the Shelf Life of Guava cv. Allahabad Safeda. Vol. 6, Issue (3): Page -650-657 (June 28, 2018), International Journal of Pure and Applied Bioscience. ISSN: 2320-705).
4. Davinder Singh and Amarjeet Kaur(2018).Characterisation of mango cultivars in sub-montaneous zone of Punjab., Volume 5, Issue 9, Page 331-338, (26 September 2018) Journal of Emerging Technologies and Innovative Research (ISSN: 2349-5162).
5. Harvinder Kaur and Amarjeet Kaur (2018). Standardization of Propagation Techniques in Jamun. Vol. 7, Issue 10, Page-2143-2151. (10th October 2018), International Journal of Current Microbiology and Applied Sciences (ISSN: 2319-7692
6. Navpreet Kaur and Amarjeet Kaur (2018). Determination of suitable cutting size for rooting of pear cuttings cv. Patharnakh. Volume 10, Issue 12, page.-6445-6448, (June 30th, 2018), International Journal of Agriculture Sciences (ISSN: 0975-3710
7. Kuljeet Kaur and Amarjeet Kaur(2017).Papaya performance under various growing conditions cv. Red Lady 786. Vol. 37, issue 4, Page- 290-293 (15 December 2017) Agricultural Science Digest (ISSN: 0253-150X)
8. Pawandeep Kaur and Amarjeet Kaur(2017). Effect of various mulches on the growth and yield of strawberry cv. Chandler under subtropical conditions of Punjab. Vol. 25, issue 1: Page-21-25, (20 November 2017) International Journal of recent trends in science and technology (ISSN: 2277-2812)
9. Shamsher Singh and Amarjeet Kaur (2017). Studies on variability of Jamun genotypes in central and submontaneous zone of Punjab. (25 March 2017) Hort Flora Research Spectrum, Vol. 6, Issue 1; Page 7-14, ISSN 2250-2823

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10. Simranjit Kaur and Amarjeet Kaur(2016). Effect of IBA and PHB on rooting of Pomegranate (*Punicagranatum L.*) cuttings cv. Ganesh. (31 August 2016) Biological Forum- An International Journal (ISSN 2249-3239) Vol. 8(2): 203-206
11. Gurpinder Kaur and Amarjeet Kaur(2015). Plant growth and fruit yield attributes of Cape gooseberry cv. Aligarh as affected by the use of different growth regulators. (12 November 2015) Agric. Sci. Digest. (ISSN 0976-0547) Vol 36 (2): 138-141.
12. Amarjeet Kaur and Gurpinder Kaur (2015). Maturity standard in Plum (*Prunusdomestica L.*) cv. Satluj Purple. (30 December 2015) Indian Journal of Ecology (ISSN 03045250) Vol. 42(2); 523-524

International:-

1. Amarjeet Kaur, Kuljeet Kaur and Amanveer Kaur (2018).Role of IBA and PHB on success of cuttings of fig cv. Brown Turkey. Date of publication: (30th May 2018)Asian Journal of Science and Technology. Vol 9 : Issue 5 PP – 8237-8241.
2. Barjinder Kaur, Amarjeet Kaur and Kuljeet Kaur (2018). Influence of various growth regulators and CACL2 on yield and quality in strawberry cv. Chandler. Date of publication: (23th August 2018), Multlogic in Science (ISSN: 2277-7601) vol. 8, page 230-233.
3. Barjinder Kaur and Amarjeet Kaur (2018).Effect of various growth regulators and CACL2 on the vegetative growth and yield in strawberry cv.Chandler. Vol 7; Issue 6; Page13665-13668, (28th June 2018), International Journal of Current Advanced Research ISSN: 2319-6605. Date of publication: (28th June 2018),
4. Manroop Kaur and Amarjeet Kaur (2018). Role of Ethrel, Polythene Bags and KMnO4 on Storage Life of Banana cv. Grand Naine. Vol. 23, Issue 3, page 1-8, (May 25 2018), Journal of Experimental Agriculture International (ISSN: 2457-0591)
5. Kanwaljit Kaur and Amarjeet Kaur (2018).Influence of integrated nutrient management practices in cucumber cv. Punjab Naveen. Volume 7; Issue 12(E); Page No.16680-16683, (28th December 2018) International Journal of Current Advanced Research (ISSN: 2319-6605)
6. Mandeep Kaur and Amarjeet Kaur (2018).Quality improvement of winter guava cv. L-49 through various mulches. Vol. 09, Issue 05, page. 8246-8250, (30th May, 2018) Asian Journal of Science and Technology (ISSN: 0976-3376)
7. Jobanjit Singh and Amarjeet Kaur (2018). Influence of foliar sprays on yield and quality of Baramasi lemon. Date of publication- (7th June 2018). International journal of advanced research (ISSN: 2320-5407). Vol. 6(6): 293-298

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8. Manroop Kaur and Amarjeet Kaur (2018). Effect of postharvest treatments on quality and shelf life of banana cv. Grand Naine. Vol. 5, Issue 12, Page No. 521-526. (30 December 2017) International journal of advanced research. (ISSN: 2320-5407)
9. Amanveer Kaur and Amarjeet Kaur (2017). Effect of IBA concentrations on success of cuttings of Fig cv. Brown Turkey.Vol. 8, Issue 11, Page No.21576-21579, (28 November, 2017) International Journal of Recent Scientific Research (ISSN: 0976-3031)
10. Sandeep Kaur and Amarjeet Kaur (2017)Effect of growth regulators on yield and quality of winter guava cv. Allahabad Safeda. Vol 5, Issue 9, Page 98-103. (30 September 2017) International journal of advanced research. (ISSN: 2320-5407)
11. Navpreet Singh and Amarjeet Kaur (2017). Study on economic feasibility of intercropping of kinnow(*Citrus reticulata*) with legume crops in subtropical region of Punjab. Vol. 07, Issue 12, pp.17556-17559, (29th December, 2017) International Journal of Development Research (ISSN: 2230-9926)
12. Kuljeet Kaur and Amarjeet Kaur(2017). A study on the performance of vegetative characters and yield of papaya cv. Red Lady 786 under open and protected conditions(2017).Vol. 07, Issue, 09, pp.15150-15153, (29th September, 2017) International Journal of Development Research (ISSN: 2230-9926)
13. Aamina sadiq and Amarjeet Kaur (2017). Effect of planting time on yield and quality of strawberry cv. Chandler in subtropical conditions of Punjab. Vol. 08, Issue, 10, pp.6080-6083, (17 October, 2017) Asian Journal of Science and Technology (ISSN: 0976-3376)
14. Pawandeep Kaur and Amarjeet Kaur(2017). Improvement of quality of strawberry cv. Chandler through mulching in subtropical conditions of Punjab. Volume 6; Issue 9; Page No5868-5871, (28 September 2017) International Journal of Current Advanced Research (ISSN: 2319-6475)
15. Aamina sadiq and Amarjeet Kaur (2017). Effect of planting time on the performance of strawberry cv. Chandler in subtropical region of Punjab. (28 th August 2017) International Journal of Current Advanced Research, Volume 6; Issue 8; Page No. 5242-5245 (ISSN 2319-6505)
16. Amarjeet Kaur and Maninderjit Singh(2017). Effect of Organic and Inorganic fertilizers on vegetative growth, Yield and fruit characteristics in Cape-gooseberry(*Physalis peruviana*). (28 June 2017) International Journal of Current Advanced Research, Vol 6; Issue 6; Page No. 4414-4417 (ISSN 2319-6505)
17. Amarjeet Kaur, Rajandeep Singh and Harmeet Singh(2017)Evaluation of strawberry cultivars for growth and yield characteristics in subtropical region of Punjab. (31stMarch 2017) International Journal of Advanced Research, Vol. 5; issue 3, Page- 257-264, (ISSN 2320-5407)

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P.G. DEPARTMENT OF AGRICULTURE

18. Navjot Singh, Amarjeet Kaur and Bikramjit Singh Gill (2016)Effect of foliar application of Zinc and Boron on yield and fruit quality of Litchi cv. Dehradun. (31 July 2016) International Journal of Development Research (ISSN 2230-9926) Vol. 6 issue 7 page 8686-8688.
19. Navneet Kaur, Amarjeet Kaur and Gurpinder Kaur (2016). Effect of Integrated Nutrient Management on fruit quality parameters of Capegooseberry (*physalisperuviana*) (28 september 2016) International Journal of Recent Scientific Research (ISSN 0976-3031) Vol. 7 issue 9 page-13485-13487.
20. Navjot Singh and Amarjeet Kaur (2016)Response of quality attributes of Litchi cv. Dehradun to foliar application of Zinc and Boron. (30 October 2016) International Journal of Advanced Research (ISSN 2320-5407) Vol. 4 issue 10 page 339-342.
21. Shamsheer Singh and Amarjeet Kaur (2016). Characterization of jamun genotypes in Central and Submontaneous zone of Punjab. (30 November 2016) International Journal of Development Research (ISSN 2230-9926) Vol. 6 (11) pp: 9933-9986
22. Simranjit Kaur ,Amarjeet Kaur and Gurpinder Kaur (2016) Effect of IBA, PHB and time of Planting on rooting of Pomegranate (*Punicagranatum* L.) cuttings cv. Ganesh. (30 November 2016) Asian Journal of Science and Technology (ISSN 0976-3376) Vol. 7 issue 11 pp-3757-3761
23. Ravinder Singh and Amarjeet Kaur (2016). Effect of postharvest application of different packaging materials and storage intervals on shelf life of Pear cv. Punjab Beauty. (30 December 2016) International Journal of Current Research (ISSN 0975-833X) Vol 8 issue 12 pp. 44183-44188.
24. Amarjeet Kaur, Amandeep Kaur and Neha vyas (2016)Influence of planting time and protected conditions on plant growth, yield and fruit quality of strawberry cv. Chandler under subtropical conditions (2016).Date of publication- 30 sept 2016. International Journal of Current Research Vol. 8 (9): 39301-39303. (ISSN: 0975-833X).

Prof. Amarinder Singh

Published Paper in Journals

National:-

1. Sukhdev Singh and **Amarinder Singh**, Impact of Climate change on Punjab Agriculture, Proceeding of workshop on Capacity Building in Climate change at Guru Nanak Dev University, 2016, 16-23.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF AGRICULTURE

2. **Amarinder Singh**, Baljinder Singh and Mandeep Kaur, Leaf color chart improves nitrogen use efficiency and grain yield in wheat (*Triticum aestivum* L.) and maize (*Zea mays* L.), 2017, Crop research, 52 (3), 2348-7542
3. Harwinder Singh and **Amarinder Singh**, Current Trends of Farm Power Sources in Indian Agriculture, Contemporary Research in India, 2017, 7 (2), 56, 2231-2137
4. Randeep Singh, Amandeep Singh, Jyoti Mahajan, **Amarinder Singh**, Harinderjit Singh and Kapila Mahajan, A study of the physical parameters of different water sources, among major four districts of Punjab, Environment Conservation Journal, 2018, 19(1&2), 135-139, 2278-5124.
5. Tarandeep kaur, **Amarinder Singh** and Surinder singh, Effect of substitution of phosphorous through biofertilizers on the performance of potato, Journal of pharmacognogy and phytochemistry, 2019, (Special issue), 231-233, 2278-4136.

Dr. Lavleen Kaur

Published Paper in Journals

National:-

1. **Lavleen kaur** and N.D Singh , “Evaluating the impact of Kissan credit card scheme on different categories of farmers in Punjab” Indian journal of Economics and Development ,12(1), (2016),463-465,2277-5412.
2. **Lavleen kaur** and Harpreet Singh, “A study into the marketing efficiency of eggs through different channels in Amritsar district of Punjab” Indian journal of Economics and Development 13(2a), (2017),141-146,2277-5412.
3. **Lavleen kaur** and Randeep kaur and Harjinder singh Saini, “Comparative study of marketing efficiency of green pea in pre and post demonetization period”, Annals of Agricultural Research, 39(4),2018, 442-448. 0970-3179
4. **Lavleen Kaur**, Gurleen Kaur and Upkar Singh , “Price Spread of green Pea in Amritsar District of Punjab” , Indian Journal of Agricultural Marketing, , 32(1), 2018, 37-4,0971-8664
5. Randeep kaur and **Lavleen Kaur** , “Changing dimensions of women status in Punjab” , Indian Journal of Economics and development,14(a), (2018), 457-462,2277-5412.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF AGRICULTURE

International:-

Randeep kaur, Baldeep Singh ,**Lavleen kaur sandhu** and Gian kaur, "Dimensions of women autonomy in household decision making in Rural Punjab", International Journal of Sustainable Development, Ontario International Development agency ,Canada, (2018) , 11-39,ISSN 1923-6654 (print)

Prof. Gurpinder Kaur

Papers Published

National:-

1. Danish Bashir, Sukhdev Singh, Aarifa Jan, Bikramjit Singh, Gurpinder Kaur, Maheen Mukhtar and Khalida Fayaz. Effect of pre harvest application of chemicals on shelf life and yield of peach cv. Shan-i-Punjab (2016) Indian Journal of Ecology (ISSN 03045250) Vol.43(2):780-784
2. Amarjeet Kaur and Gurpinder Kaur Maturity standard in Plum (*Prunus domestica* L.) cv. Satluj Purple. (2015) Indian Journal of Ecology (ISSN 03045250)Vol.42(2) -523-524
3. Gurpinder Kaur and Amarjeet Kaur Plant growth and fruit yield attributes of cape gooseberry cv. Aligarh as affected by the use of different growth regulators (2016) Agric. Sci. Digest. (ISSN 0976-0547) Vol.36(2):138-141
4. Bikramjit Singh Gill, Savreet Khehra, Gurpinder Kaur and Sukhdev Singh Effect of inorganic fertilizers on the plant growth and fruit quality in phalsa (*Grewia asiatica* DC) (2015) Advance Research Journal of Crop Improvement (ISSN 2231-640X) Vol.6(2):100-104

International:-

1. Shagufi Narula and Gurpinder Kaur (2018) Influence of growth regulators on the regeneration and survival of Plum cv. Kala Amritsari through stem cuttings. **7(3)**: Date of publication: (20th December 2018), International Journal of Agriculture Innovations and Research. ISSN:2319-1473: Vol.7(3):320-324
2. Parminder Singh and Gurpinder Kaur (2018) Role of Pre-harvest application of Paclobutrazol and ethephon on fruit quality of winter guava cv. Sardar. **24(4)**: 1-6. Date of publication: (6th July 2018), Journal of Experimental Agriculture International
3. Vikramjit Singh and Gurpinder Kaur (2018) Effect of Potassium nitrate, GA₃ and salicylic acid on fruit yield and quality of Peach [*Prunus persica* (L) Batsch]cv. Shan-i-Punjab. **6(3)**: 20-26.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF AGRICULTURE

Date of publication: (20th March 2018), International Journal of Current Research and Academic Review

4. Gurpinder Kaur, Maninderjit Singh and Manpreet Singh. (2018) Influence of Bio-regulators on the fruit quality and yield attributes of Phalsa (*Grewiasubinaequalis* DC). **21**(3): 1-6. Date of publication: (17th March 2018), Journal of Experimental Agriculture International
5. Harpinder Kaur and Gurpinder Kaur (2017) Effect of inorganic and organic fertilizers on fruit quality and yield attributes in guava cv. Sardar. **5**(12): 1346-1351. Date of publication: (December 2017), International Journal of Advanced Research
6. Navneet Kaur, Amarjeet Kaur and Gurpinder Kaur Effect of Integrated Nutrient Management on fruit quality parameters of Cape gooseberry (*Physalisperuviana*) (2016) International Journal of Recent Scientific Research (ISSN 0976-3031)Vol.7(9) : 13485-13487
7. Simranjeet Kaur, Amarjeet Kaur and Gurpinder Kaur Effect of IBA and PHB on rooting of Pomegranate (*Punicagranatum* L.) cuttings cv. Ganesh. (2016) Asian Journal of Science and Technology (ISSN 0976-3376) Vol.7(11): 3757-3761
8. Gurpinder Kaur, Arvindpreet Kaur, Bikramjit Singh and Sukhdev Singh Effect of plant growth regulators on fruit quality of cape gooseberry (*Physalisperuviana* L.) cv. Aligarh (2013) International Journal of Agricultural Sciences (ISSN 2250-0057) Vol.9(2):633-635
9. Amardeep Singh and Gurpinder Kaur Influence of various growing medias an size of polybags on the growth, buddability and budding success in Rough lemon(2019).Green farming (ISSN 0974-0775) Vol.10(2). Accepted date: 16/03/2019.

Prof. Parmveer Singh

Published Paper in Journal

National:-

1. **Singh P**, Rampal V K and Kang S S, Comparative analysis of knowledge level of the trained and untrained dairy farmers of Punjab. *Indian Journal of Economics & Development*, 2018,**14**(1a): 502-508
2. Kaur P, Gill J S, Kumar P and **Singh P**, Popularization of Direct Seeded Rice for sustainability in Sangrur district of Punjab. *Indian Journal of Economics & Development*, **2018**,14(1a): 434-436

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P.G. DEPARTMENT OF AGRICULTURE

3. Kaur R, Kaur R and **Singh P**, Adoption of Entrepreneurial activities of Members of PAU *Kisan Club* (Ladies Wing). *Indian Journal of Economics & Development*, **2018**,14(1a): 522-526
4. **Singh P**, Rampal V K, Sharma K and Dhaliwal N S, Extent of adoption of improved dairy management practices (IDMPs) by the dairy farmers of Malwa region of Punjab. *Journal of Community Mobilization and Sustainable Development*, 2017, **12(1)**: 8-14
5. **Singh P** and Rampal V K, Correlates of Socio-economic and psychological characteristics of the dairy farmers with the adoption of improved management practices. *Indian Journal of Economics & Development*, 2017, **13(2a)**: 408-12
6. Kaur R, Kaur R and **Singh P**, Market-Led-Extension: Scope and Challenges in Present scenario. *Indian Journal of Economics & Development*, 2017,13(2a): 661-66

Prof. Kiranjot Kaur

Papers Published

National:-

1. Kiranjot Kaur, Jaspal Kaur and Gaganjot Kaur (2017). Prevalance of Fumonisin producing *Fusarium* spp. Associated with Maize Ear Rot in Punjab (31 July 2017) *Journal of Mycology and Plant Pathology*. Vol 47: Issue. Pp 208-216.
2. Kiranjot Kaur, Jaspal Kaur and Gaganjot Kaur (2017). Effect of storage conditions on the production of fumonisin in maize grains. (7 April 2017) *Plant Disease Research*. Vol. 32: Issue: Pp 68-72.
3. Anita Puyam, P.P.S Pannu, Jaspal Kaur, Sikha Sethi and Kiranjot Kaur. Understanding Bakanae: a major threat and an emerging disease of Basmati Rice (11 October 2018) *Journal of Plant Phytopathology*. Vol. 47 Pp: 210-219.

Prof. Sunaiana

Papers Published

National:-

Sunaiana, Monika Gupta, H.S. Rattanpal, G.S. Sidhu and Gurtej Singh, Genetic diversity in Sweet Orange (*Citrus sinensis* Osbeck) germplasm based on fruit morphological and physiological traits, *Research on Crops*, 19(3), 2018, 425-429, ISSN No. 0972-3226.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BIOTECHNOLOGY

Dr. Balwinder Singh

Published Paper in Journals

National:-02

International:-14

1. Bioactive compounds in banana and their associated health benefits – A review. *Food Chemistry* **(2016)** Food Chemistry ISSN: 0308-8146
2. Effect of Thermotherapy on Regeneration Response and Production of PLRV-Free Plants of Potato from Infected Tubers **(2016)** Research Journal of Biotechnology ISSN: 0973-6263
3. Survey and indexing of weeds growing around potato fields for their role as an inoculum source for *Potato Leafroll Virus* (PLRV) **(2016)** British Biotechnology Journal ISSN: 2231–2927
4. Bioactive constituents in pulses and their health benefits: A review. *Journal of Food Science and Technology* **(2016)** Journal of Food Science and Technology ISSN: 0022-1155
5. *In Vitro* Production of PLRV and PSTVd-Free Plants of Potato using Electrotherapy. *Journal of Crop Science & Biotechnology* **(2016)** Journal of Crop Science and Biotechnology ISSN: 1975-9479
6. Effect of Antiviral Chemicals on *In Vitro* Regeneration Response and Production of PLRV-Free Plants of Potato. **(2015)** *Journal of Crop Science & Biotechnology* ISSN: 1975- 9479
7. Incidence of *Potato Spindle Tuber Viroid* (PSTVd) in potato growing areas of Punjab. **(2014)** *Vegetos* ISSN: 2229-4473
8. Krill Oil - A Novel Food Supplement For Human Health 3(6): 213-219. **(2014)** *International Journal of Food and Nutritional Sciences* ISSN: 2320-7876
9. Indexing of *Potato leaf roll virus* (PLRV) from Potato growing areas of Punjab, India. 10(4): 96-100 **(2014)** *International Journal of Virology* ISSN: 1816-4900
10. Agro-production, processing and utilization of *Stevia rebaudiana* as Natural Sweetener. 1(1) : 28-31 **(2014)** *Journal of Agricultural Engineering and Food Technology* ISSN: 2350-0263
11. Drying kinetics of gum karaya (*Sterculia urens*) using convective air dryer. 4(13): 1647-1656. **(2014)** *British Journal of Pharmaceutical Research* ISSN: 2231-2919
12. Effect of desiccation and chilling treatment on somatic embryo development and germination in rough lemon (*Citrus jambhiri* Lush). 4(2): 136-148. **(2014)** *British Biotechnology Journal* ISSN: 2231–2927

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BIOTECHNOLOGY

13. Hot air cabinet drying of gum kondagogu (*Cochlospermum gossypium*). *International Journal of Agriculture and Food Science Technology* ISSN: 2350-0263
14. Gum Kondagogu- A Natural Exudate from *Cochlospermum gossypium* (2013) *Botanica* ISSN 0045-2629
15. Applications of Radioisotopes in Agriculture (2013) *International Journal of Biotechnology and Bioengineering Research* ISSN 2231-1238
16. Cost effective plant regeneration protocol for Rough lemon (*Citrus jambhiri* lush) using gum kondagogu as gelling agent in plant tissue culture media, *Vol. 13(1) 3535-3540 (2013) Journal of Cell and Tissue Research* ISSN: 0973-0028

Dr. Mukesh Chander

Published Paper in Journals

National:-

1. **Chander, M.,** Arora, D.S., Kaur, R. **(2014)**. Decolorization of reactive red 28, an industrial dye. *Journal of Environmental Biology*, **35**: 1031-1036. **(IF: 0.78, ISSN- 0254-8704)**.
2. **Chander, M. (2014)**. Biofuels: Recent Advances in Fermentation Technology & Microbiology Biofuels from Microbes. In Proceeding of National Conference on Latest Developments in Science Engineering & Management held at ACET on March 28-29, 2014. 403-409 **(ISBN: 978-81-924867-1-0)**.
3. **Chander, M. (2014)**. Nutraceuticals: Microbiology & Biotechnology. In Proceeding of National Conference on Latest Developments in Science Engineering & Management held at ACET on March 28-29, 2014. 443-449 **(ISBN: 978-81-924867-1-0)**.

International:-

1. **Chander, M. (2018)**. Anticancer Efficacy of Some Plant Phenolics - A Recent Scenario. *International Journal of Current Microbiology and Applied Sciences*. **7 (10)**: 1746-1768. **ISSN: 2319-7706**. DOI: 10.20546/ijcmas.2018.710.200
2. **Chander, M. (2015)**. An Industrial Dye Decolourisation by *Phlebia* sp. *International Journal of Current Microbiology and Applied Sciences*. **4 (05)**. **ISSN: 2319-7706**.
3. **Chander, M, Arora, D.S. (2014)**. Biodegradation of a Dye by Different White-rot Fungi on a Novel Agro Residue Based Medium. *Lignocellulose*, **3 (1)**: 37-50. **ISSN: 2252-0287**.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BIOTECHNOLOGY

Dr. Jaspreet Singh

Published Paper in Journals

National:-

1. Singh B., Kaur A. & **Singh J.**, Agro-production, processing and utilization of *Stevia rebaudiana* as natural sweetener, Journal of Agricultural Engineering and Food Technology, 1(1), 2014, 28-31, ISSN: 2350-0263.
2. **Singh J.** & Singh B., Gum Kondagogu- A Natural Exudate from *Cochlospermum gossypium*, The Botanica, 62-63, 2013, 115-123, ISSN: 0045-2629.

International:-

1. **Singh J.** & Singh B., **Drying kinetics of gum karaya (*Sterculia urens*) using convective air dryer.** British Journal of Pharmaceutical Research, 4(13), 2014, 1647-1656, ISSN: 2231-2919
2. **Singh J.**, Singh B. & Kaur A., Krill oil - A novel food supplement for human health, International Journal of Food and Nutritional Sciences, 3(6), 2014, 213-219, ISSN: 2320-7876.
3. **Singh J.** & Singh B., Hot air cabinet drying of gum kondagogu (*Cochlospermum gossypium*). International Journal of Agriculture and Food Science Technology, 4(10), 2013, 967-974, ISSN: 2249-3050.
4. Singh B., **Singh J.** & Kaur A., Applications of Radioisotopes in Agriculture. International Journal of Biotechnology and Bioengineering Research, 4(3), 2013, 167-174, ISSN 2231-1238.
5. Singh B., **Singh J.** & Kaur A., Cost effective plant regeneration protocol for rough lemon (*Citrus jambhiri* Lush) using gum kondagogu as gelling agent in plant tissue culture media. Journal of Cell and Tissue Research, 13(1), 2013, 3535-3540, ISSN: 0973-0028.

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY**

Prof. Kirandeep Kaur

Published Paper in Journals

International:-

Hundal, K.K. and Randhawa N., Germination and early biochemical responses in *Brassica campestris L.* to presoaking chilling treatment (2016) Current Reports on Science and Technology. 1(2). ISSN: 2455-023X

Dr. Harjinder Singh

Published Paper in Journals

National:-

Singh, H., Ahluwalia, A.S., Khattar, J.I.S. (2013). Induction of sporulation by selected carbon sources in *Anabaena naviculoides*, a diazotrophic strain capable of colonizing paddy field soil of Punjab (India). Phytos, 43(2): 18-25. **ISSN: 0554-1182**

International:-

1. **Singh, H.** (2018). The cumulative effect of carbon and nitrogen sources on akinete differentiation in the rive field cyanobacterium *Anabaena* sp. Journal of Pharmacognosy and Phytochemistry. 7(1): 883-885. **ISSN: 2349-8234.**
2. **Singh, H.,** Khattar, J.I.S., Ahluwalia, A.S. (2014). Cyanobacteria and agricultural crops. Vegetos. 27(1): 37-34. **ISSN: 2229-4473**
3. **Singh, H.,** Ahluwalia, A.S., Khattar, J.I.S. (2013). Induction of sporulation by different nitrogen sources in *Anabaena naviculoides*, a diazotrophic strain capable of colonizing paddy field soil of Punjab (India). Vegetos. 26(1): 283-292. **ISSN: 2229-4473.**

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY**

Dr. Madhu

Published Paper in Journals

International:-

1. **Chandel, M.**, Kumar, M., Sharma, U., Singh, B., Kaur, S.J. (2017). Antioxidant, Antigenotoxic and Cytotoxic Activity of *Anthocephalus cadamba* (Roxb.) Miq. Bark Fractions and their Phytochemical Analysis using UPLC-ESI-QTOF-MS. Combinatorial Chemistry & high throughput screening. 20 (9), 760-772. ISSN: 1875-5402 (Online) ISSN: 1386-2073 (Print)
2. **Chandel M.**, Kumar M., Sharma U., Singh B., Kaur S.J. (2017). Investigations on antioxidant, anti-proliferative and COX-2 inhibitory potential of alkaloids from *Anthocephalus cadamba* (Roxb.) Miq. leaves. Chemistry & Biodiversity. 14 (4), doi: 10.1002/cbdv.201600376. **ISSN Number:** 1612-1880
3. Kumar M., Kaur P., **Chandel M.**, Singh AP., Jain A., Kaur S.J. (2017). Antioxidant and hepatoprotective potential of *Lawsonia inermis* L. leaves against 2-acetylaminofluorene induced hepatic damage in male Wistar rats. BMC Complementary and Alternative Medicine. 17 (1), 56. **ISSN Number:** 1472-6882
4. Bala, M., Kumar, M., **Chandel, M.**, Sharma, N., Kaur, S., Kaur, S.J. (2017). Antioxidant, Antimutagenic and Cytotoxic Effects of Unripe Fruits of *Anthocephalus Cadamba* (Roxb.) Miq. Indian Drugs. 54 (9), 7-15. **ISSN Number:** 0019-462X
5. **Chandel, M.**, Kumar, M., Sharma, U., Kumar, N., Singh, B., Kaur, S.J. (2016). Isolation and characterization of flavanols from *Anthocephalus cadamba* and evaluation of their antioxidant, antigenotoxic, cytotoxic and COX-2 inhibitory activities. Brazilian Journal of Pharmacognosy. 26: 474-483. **ISSN Number:** 0102-695X
6. Kumar, M., **Chandel, M.**, Kaur, P., Pandit, K., Kaur, V., Kaur, S., Kaur, S. (2016). Chemical composition and inhibitory effects of water extract of Henna leaves on reactive oxygen species, DNA scission and proliferation of cancer cells. EXCLI journal 15, 842-857. **ISSN Number:** 1611-2156
7. **Chandel, M.**, Sharma, U., Kumar, N., Singh, B., Kaur, S.J. (2014). *In vitro* antioxidant/antigenotoxic potential of aqueous fraction from *Anthocephalus cadamba* Bark. In book: Perspectives in Cancer Prevention-Translational Cancer, Edition: P.R. Sudhakaran et al. (eds.), Chapter: 5, Publisher: Springer India, pp: 61-72. **ISSN Number:** 978-81-322-1533-2

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY**

Dr. Rajbir Singh

Published Paper in Journals

International:-

1. Unger K, Mehta KY, Kaur P, Wang Y, Menon SS, Jain SK, Moonjelly RA, Suman S, Datta K, **Singh R**, Fogel P, Cheema AK. (2018). Metabolomics based predictive classifier for early detection of pancreatic ductal adenocarcinoma. *Oncotarget*.1; 9(33) Impact Factor 5.2
2. Cheema AK, Pathak R, Zandkarimi F, Kaur P, Alkhalil L, **Singh R**, Zhong X, Ghosh S, Aykin-Burns N, Hauer-Jensen M (2014) Liver metabolomics reveals increased oxidative stress and fibrogenic potential in gfrp transgenic mice in response to ionizing radiation. *J Proteome Res.* 2014 Jun 6;13(6):3065-74 Impact Factor 4.3
3. Cheema AK, Suman S, Kaur P, **Singh R**, Fornace AJ, Datta K (2014). Long-term differential changes in mouse intestinal metabolomics after γ and heavy ion radiation exposure. *PLoS One.* 2014 Jan 27;9(1):e87079. Impact Factor 3.0
4. Mapstone M, Cheema AK, Fiandaca MS, Zhong X, Mhyre TR, Macarthur LH, Hall WJ, Fisher SG, Peterson DR, Haley JM, Nazar MD, Rich SA, Berlau DJ, Peltz CB, Tan MT, Kawas CH, Federoff HJ (2014). Plasma phospholipids identify antecedent memory impairment in older adults. *Nature Medicine.* 2014 Apr;20(4):415-8 (**got acknowledged in the publication**). Impact Factor 32.2
5. Ghosh SP, **Singh R**, Chakraborty K, Kulkarni S, Uppal A, Luo Y, Kaur P, Pathak R, Kumar KS, Hauer-Jensen M, Cheema AK (2013). Metabolomic changes in gastrointestinal tissues after whole body radiation in a murine model. *Molecular Biosys.* 9(4): 723-731. Impact Factor 2.9
6. Ghosh SP, Kaur P, Chakraborty K, Kulkarni S, Uppal A, Luo Y, **Singh R**, Pathak R, Kumar KS, Hauer-Jensen M, Cheema AK (2013). Metabolomic changes in gastrointestinal tissues after whole body radiation in a murine model. *Molecular Biosystems.* 9(4): 723-731(**equal contribution**). Impact Factor 2.9

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY

Dr. Prabhjit Kaur

Published Paper in Journals

International:-

1. Unger K, Mehta KY, **Kaur P**, Wang Y, Menon SS, Jain SK, Moonjelly RA, Suman S, Datta K, Singh R, Fogel P, Cheema AK. (2018). [Metabolomics based predictive classifier for early detection of pancreatic ductal adenocarcinoma](#). **Oncotarget**.1; 9(33) Impact Factor 5.2
2. Cheema AK, Pathak R, Zandkarimi F, **Kaur P**, Alkhalil L, Singh R, Zhong X, Ghosh S, Aykin-Burns N, Hauer-Jensen M (2014) Liver metabolomics reveals increased oxidative stress and fibrogenic potential in gfrp transgenic mice in response to ionizing radiation. **J Proteome Res**. 2014 Jun 6;13(6):3065-74 Impact Factor 4.3
3. Cheema AK, Suman S, **Kaur P**, Singh R, Fornace AJ, Datta K (2014). Long-term differential changes in mouse intestinal metabolomics after γ and heavy ion radiation exposure. **PLoS One**. 2014 Jan 27;9(1):e87079. Impact Factor 3.0
4. Mapstone M, Cheema AK, Fiandaca MS, Zhong X, Mhyre TR, Macarthur LH, Hall WJ, Fisher SG, Peterson DR, Haley JM, Nazar MD, Rich SA, Berlau DJ, Peltz CB, Tan MT, Kawas CH, Federoff HJ (2014). Plasma phospholipids identify antecedent memory impairment in older adults. **Nature Medicine**. 2014 Apr;20(4):415-8 (got acknowledged in the publication). Impact Factor 32.2
5. Ghosh SP, Singh R, Chakraborty K, Kulkarni S, Uppal A, Luo Y, **Kaur P**, Pathak R, Kumar KS, Hauer-Jensen M, Cheema AK (2013). Metabolomic changes in gastrointestinal tissues after whole body radiation in a murine model. **Molecular Biosys**. 9(4): 723-731. Impact Factor 2.9
6. Cheema AK, Varghese RS, Timofeeva O, Zhang L, Kirilyuk A, Zandkarimi F, **Kaur P**, Ressom HW, Jung M, Dritschilo A. (2013). Functional Proteomics Analysis to Study ATM Dependent Signaling in Response to Ionizing Radiation. **Radiation Res**. 179 (6) 674-683. Impact Factor 2.6
7. **Kaur P**, Rizk N, Ibrahim S, Luo Y, Younes N, Perry B, Zirie M, Luta G, Cheema A. (2013). Quantitative Metabolomic and Lipidomic Profiling Reveals Aberrant Amino Acid Metabolism in Type 2 Diabetes. **Molecular Biosystems**. 9: 307-317. Impact Factor 2.9
8. Ghosh SP, **Kaur P**, Chakraborty K, Kulkarni S, Uppal A, Luo Y, Singh R, Pathak R, Kumar KS, Hauer-Jensen M, Cheema AK (2013). Metabolomic changes in gastrointestinal tissues after whole body radiation in a murine model. **Molecular Biosystems**. 9(4): 723-731. Impact Factor 2.9

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY

Dr. Paramjeet Kaur

Published Paper in Journals

International:-

1. Kaur, H., Kaur, S., Kaur, S., **Kaur, P.** (2018). Role of Phytoconstituents in Modulating Xenobiotic Metabolism. Book chapter. Accepted for publication in Bentham Science publishes eBooks.
2. Sharma, S., **Kaur, P.**, Sharma, S., Gupta, S. (2018). Alternation of mitochondrial and Golgi apparatus in neurodegenerative disorders. Book chapter. Accepted for publication by IGI Global Publishers.
3. Kaur, S., **Kaur, P.**, Kaur, V., Kaur, H., Kumar, M., Pandit, K., Kumar, A., and Kaur, S. (2018). Unravelling the role of chemopreventive agents as modulators of carcinogenesis. Accepted for publication by IGI Global Publishers.
4. Kaur, V., Kumar, M., **Kaur, P.**, Kaur, S., & Kaur, S. Inhibitory Activities of Butanol Fraction from *Butea monosperma* (Lam.) Taub. Bark Against Free Radicals, Genotoxins and Cancer Cells. *Chemistry & Biodiversity*. (2017).
5. Kaur, V., Kumar, M., **Kaur, P.**, Kaur, S., Singh, A. P., & Kaur, S. (2017). Hepatoprotective activity of *Butea monosperma* bark against thioacetamide-induced liver injury in rats. *Biomedicine & Pharmacotherapy*, 89, 332-341.
6. Kaur, S., Kumar, M., **Kaur, P.**, Kaur, V., & Kaur, S. (2016). Modulatory effects of *Cassia fistula* fruits against free radicals and genotoxicity of mutagens. *Food and Chemical Toxicology*, 98, 220-231.
7. Kumar, M., **Kaur, P.**, Chandel, M., Singh, A., Jain A., & Kaur, S. (2016). Antioxidant and hepatoprotective potential of *Lawsonia inermis* L. leaves against 2-acetylaminofluorene induced hepatic damage in male Wistar rats. *BMC Complementary and Alternative Medicine*, 17(1), 56.
8. Kumar, M., Chandel, M., **Kaur, P.**, Pandit, K., Kaur, V., Kaur, S., & Kaur, S. (2016). Chemical composition and inhibitory effects of water extract of henna leaves on reactive oxygen species, DNA scission and proliferation of cancer cells. *EXCLI Journal*, 15 (2016), 842.
9. **Kaur, P.**, Kumar, M., Singh, A., Kaur, V., & Kaur, S. (2016). Chemopreventive potential of *Pteris vittata* L. against 2- acetylaminofluorene induced hepatotoxicity in male Wistar rats. *Biomedicine and Pharmacotherapy*, 88, 1080-89.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY

10. **Kaur, P.**, Kaur, V., & Kaur, S. (2015). DNA Topoisomerase II: Promising Target for Anticancer Drugs. In *Multi-Targeted Approach to Treatment of Cancer* (pp. 323-338). Springer International Publishing.
11. Kumar, M., **Kaur, P.**, Kumar, S., & Kaur, S. (2015). Antiproliferative and apoptosis inducing effects of non-polar fractions from *Lawsonia inermis* L. in cervical (HeLa) cancer cells. *Physiology and Molecular Biology of Plants*, 21(2), 249-260.
12. **Kaur, P.**, Sharma, N., Kumar, M., & Kaur, S. (2014). Changes in growth and antioxidative enzyme activities in *Vicia faba* L. seedlings under chromium stress. *Indian Journal of Plant Physiology*, 19(2), 101-106.
13. **Kaur, P.**, Kaur, V., Kumar, M., & Kaur, S. (2014). Suppression of SOS response in *E. coli* PQ 37, antioxidant potential and antiproliferative action of methanolic extract of *Pteris vittata* L. on human MCF-7 breast cancer cells. *Food and Chemical Toxicology*, 74, 326-333.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY

Dr. Harpreet Kaur

Published Paper in Journals

International:-

1. **Kaur, H.**, Sirhindi, G., Bhardwaj, R., Alyemini, M.N., Siddique, K.H.M and Ahmad, P (2018) 28-homobrassinolide regulates antioxidant enzyme activities and gene expression in response to salt and temperature induced oxidative stress in *Brassica juncea*. Scientific Reports. 8: 8735. . doi: 10.1038/s41598-018-27032-w
2. Sirhindi, G., **Kaur, H.**, Bhardwaj, R., Sharma, P and et Mushtaq, R (2017) 28-Homobrassinolide potential for oxidative interface in *Brassica juncea* under temperature stress. Acta Physiologiae Plantarum. 39: 228. <https://doi.org/10.1007/s11738-017-2524-4>
3. **Kaur, H.**, Sirhindi, G and Sharma, P. (2017) Effect of jasmonic acid on some biochemical and physiological parameters in salt-stressed *Brassica napus* seedlings. International Journal of Plant Physiology and Biochemistry, 9(4), 36-42. DOI <https://doi.org/10.5897/IJPPB2016.0245>
4. Sharma, P., Sirhindi, G., Singh, A.K., **Kaur, H.**, Mushtaq, R. (2017) Consequences of copper treatment on pigeon pea photosynthesis, osmolytes and antioxidants defense. Physiology and Molecular Biology of Plants. 10: 1-8.
5. **Kaur, H.**, Sirhindi, G. and Bhardwaj, R. (2017) Influence of 28-homobrassinolide on photochemical efficiency in *Brassica juncea* under dual stress of extreme temperatures and salt. Canadian Journal of Pure and Applied Sciences. 11 (2): 4205-4213.
6. **Kaur, H.** and Sirhindi, G. (2017) Exogenous application of jasmonic acid offers tolerance to salinity by altering stress responses in *Brassica napus* L. variety GSC 6. *International Journal of Science and Research*. 6: 1930-1934.
7. Sharma, P., Sirhindi, G., **Kaur, H.**, Singh, A.K. (2017) Methyl jasmonate regulated antioxidants and oxidative stress management in *Cajanus cajan* (L.) Millsp. Under copper stress condition. *International journal of Advance research in science and engineering*.6: 184-192.
8. **Kaur, H.**, Sirhindi, G., Bhardwaj, R., Sharma, P. (2017) Interactive effect of 28-homobrassinolide and salinity on morpho-physiological attributes of 60 day old *Brassica juncea* plants. *International journal of Advance research in science and engineering*.6: 315-324.
9. Sirhindi, G., Sharma, P., **Kaur, H.**, Mir, M. A. (2016) Methyl-jasmonate induced accumulation of vitamins and osmolytes in *Cajanus cajan* (L.) Millsp. under copper stress. *International Journal of Recent Scientific Research*. 7 (1): 8451-8454.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY

10. **Kaur, H.**, Sirhindi, G. and Bhardwaj, R. (2015) Alteration of antioxidant machinery by 28-homobrassinolide in *Brassica juncea* L. under salt stress. *Advances in Applied Science Research*. **6(4)**: 166-172.
11. Sirhindi, G., Mir, M. A., Sharma, P., Gill, S.S., **Kaur, H.** and Mushtaq, R. (2015) Modulatory role of jasmonic acid on photosynthetic pigments, antioxidants and stress markers of *Glycine max* L. under nickel stress. *Physiology and Molecular Biology of Plants*. **21(4)**: 559-65. DOI:10.1007/s12298-015-0320-4
12. Sirhindi, G., Sharma, P., Singh, A., **Kaur, H.** and Mir, M.A. (2015) Alteration in photosynthetic pigments, osmolytes and antioxidants in imparting copper stress tolerance by exogenous jasmonic acid treatment in *Cajanus cajan*. *International Journal of Plant Physiology and Biochemistry*. **7(2)**: 30-39. DOI: 10.5897/IJPPB2015.0228
13. **Kaur, H.**, Sirhindi, G., Bhardwaj, R., Sharma, P. (2015) 28-Homobrassinolide modulation of osmolytes in *Brassica Juncea* L. under salt stress. *International Journal of Scientific Research*. **4(4)**: 27-29.
14. **Kaur, H.**, Sirhindi, G., Bhardwaj, R., Sharma, P. and Mir, M. (2014). 28-Homobrassinolide modulate antenna complexes and carbon skelton of *Brassica juncea* L. under temperature stress. *Journal of Stress Physiology and Biochemistry*. **10(3)**:186-196.
15. Sirhindi, G., **Kaur, H.**, Bhardwaj, R., Kaur, N.S. and Sharma, P. (2014) Thermoprotective role of 28-homobrassinolide in *Brassica juncea* plants. *American Journal of Plant Sciences*. **5(15)**: 2431-2439. Doi 10.4236/ajps.2014.515257
16. Poonam, S., **Kaur, H.** and Geetika, S. (2013) Effect of Jasmonic acid on photosynthetic pigments and stress markers in *Cajanus cajan* (L.) Millsp. seedlings under copper stress. *American Journal of Plant Sciences*. **4**: 817-823. Doi:10.4236/ajps.2013.44 100
17. **Kaur, H.**, Sharma, P. and Sirhindi, G. (2013) Sugar accumulation and its regulation by Jasmonic acid in *Brassica napus* L. under salt stress. *Journal of Stress Physiology and Biochemistry*. **9**: 53-64.

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY**

Dr. Maninder Kaur

Published Paper in Journals

National:-

1. **Kaur, M.** and Katnoria, J. K. (2015). Role of Bioassays for Evaluation of Mutagenic and Genotoxic effects of synthetic food dyes. *Indian Journal of Scientific Research*. 10: 01 - 06. ISSN: 0975-0967
2. **Kaur, M.**, Arora, S. and Katnoria, J. K. (2015). Evaluation of mutagenic and genotoxic responses of food preservatives using bacterial and plant test systems. *Biospectra*. 179-184. ISSN: 0975-0967
3. **Kaur, M.**, Arora, S., Nagpal, A. and Katnoria, J. K. (2014). Clastogenic effects of synthetic food dyes using *Salmonella typhimurium* and *Allium cepa* test systems. *Indian Journal of Biotechnology*. 13: 547 - 550. ISSN: 9875-9767

Dr. Sandeep Kaur

Published Paper in Journals

International:-

1. Kaur V, Kumar M, Kaur P, **Kaur S**, Kaur SJ. (2017). Inhibitory activities of n-butanol fraction from *Butea monosperma* (Lam.) Taub. bark against free radicals, genotoxins and cancer cells. ***Chemistry & Biodiversity* DOI: 10.1002/cbdv.201600484.**
2. Kaur V, Kumar M, Kaur P, **Kaur S**, Singh AP, Kaur SJ. (2017). Hepatoprotective activity of *Butea monosperma* bark against thioacetamide induced liver injury in rats ***Biomedicine & Pharmacotherapy* 89:332-341. (UGC No. 9452)**
3. **Kaur S**, Kumar M, Kaur P, Kaur V, Kaur SJ. (2016). Modulatory effects of Cassia fistula fruits against free radicals and genotoxicity of mutagens. ***Food and Chemical Toxicology* 98: 220-231. (UGC No. 24887).**
4. Kumar M, Chandel M, Kaur P, Pandit K, Kaur V, **Kaur S**, Kaur SJ. (2016). Chemical composition and inhibitory effects of water extract of Henna leaves on reactive oxygen species, DNA scission and proliferation of cancer cells. ***EXCLI Journal - Experimental and Clinical Sciences*. 15:842-857**

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF BOTANY**

Dr. Saraswati

Published Paper in Journals

International:-

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Dr. Taranjeet Kaur

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Dr. M. S. Batra

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Dr. Reshu Sanan

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Prof. Rajni Vashisht

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Dr. J. S. Arora

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Prof. Sawraj Kaur

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Dr. Deepak Devgan

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Dr. Poonam Sharma

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Dr. Samiya

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17. Anureet Kaur, Paper titled “Review of Mobile Applications Testing with Automated Techniques” in International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) DOI 10.17148/IJARCCE.2015.410114 with ISSN (Online) 2278-1021 with ISSN (Print) 2319 5940, Vol. 4, Issue 10, October 2015
18. Anureet Kaur, Paper titled “An Age of Cloud in Mobile Computing (Mobile Cloud Computing)” in International Journal of Advanced Research in Computer and Communication Engineering

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P.G. DEPARTMENT OF COMPUTER SCIENCE

(IJARCCE) DOI 10.17148/IJARCCE.2015.41148) Vol. 4, Issue 11, November 2015 with ISSN (Online) 2278-1021 ISSN (Print) 2319 5940

19. Anureet Kaur, Paper titled "An Essential guide to Automated GUI testing of Android Mobile Apps" in International Journal of Computers and Techniques(IJCT) Vol. 2 issue 6 Nov-Dec 2015 with ISSN 2394-2231
20. Anureet Kaur and Kulwant Kaur, Paper titled "Suitability of Existing Software Development Life Cycle (SDLC) in Context of Mobile Application Development Life Cycle (MADLC)" in International Journal of Computer Applications (IJCA) with ISSN 0975-8887, Vol. 116- No.19, April 2015(**UGC Approved**)
21. Anureet Kaur, Paper titled "Security Issues in Mobile Cloud Computing" in International Journal of Engineering Sciences & Research Technology (IJESRT) Vol. 4 Issue 12 (December - 2015) with ISSN: 2277-9655

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ECONOMICS

Dr. Geetinder Mann

Published Paper in Journals

National:-

1. Research paper, "Financial Performance and Sickness in Indian Small Scale Industrial Sector" published in Indian Journal of Regional Science, Volume XLVII, Number 2, 2015.
2. Research paper, "Economic Liberalization and Productivity Growth in Indian Small Scale Industrial Sector" published in Productivity, Vol. 54, No.2, July-September 2013.

International:-

Research paper, "Supply Chain Performance: A meta Analytical Approach and its Future Prospects" published in Pacific Business Review International, Volume 8, Issue 3, September 2015.

Dr. Saveeta

Published Paper in Journals

National:-

1. Saveeta and Harmandeep Kaur entitled "Impact of Trade on Growth-A Comparative Study of Developing And Developed Nations" in conference volume published by Indian Economic Association, December, 2018
2. A chapter entitled "Globalization and Women Empowerment in India" in the book 'Cross Cultural Nuances' published by Kanya Maha Vidyalya, Jalandhar (2016)

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ECONOMICS

Dr. Navjot Kaur

Published Paper in Journals

National:-

“Devolution of Resources from Centre to States in India: Emerging Issues” Published in PSE Economic Analyst, Vol. 29, 2014, pp. 33-58. ISSN: 0972-379

International:-

“Economic Empowerment of Women in India: Status and Implications” Published in Global Journal of Research Analysis, An International Journal, June 2015, Vol. IV, Issue 6, pp. 332.

Dr. Supreet Kaur

Published Paper in Journals

National:-

1. Kaur, Supreet and M. Kaur (2018) “Causal Linkage between Government Expenditure and Economic Growth”, in Arora, J. (eds.), *Social Sector Development Through Social Inclusion*, K.G. Graphics, Amritsar, pp. 109-119, ISBN. 978-93-87711-02-0.
2. Sethi, A.S. and Supreet Kaur (2017) “Is Electricity Consumption an Important Source of Economic Growth? An Analysis for Punjab and Haryana States vis-à-vis the Indian Economy”, in Ismail, S.. and S. Ahmed (eds.), *Energy, Economy and Sustainable Development*, Bloomsbury Publishing India Pvt. Ltd, New Delhi, pp. 231-251, ISBN. 978-93-82951-22-3.
3. Sethi, A.S. and Supreet Kaur (2016) “Sources of Growth in the India: Evidence from Punjab and Haryana” *Journal of Regional Development and Planning*, 5(1), pp. 15-33, ISSN No. 2277-9094.
4. Bains, P. and Supreet Kaur. (2016) “FDI and Economic Growth: An Analysis in the Context of Indian Economy during Post-liberalisation Period”, *The Asian Economic Review*, 58(2), pp. 175-185, ISSN No. 0004-4555.
5. Sethi, A.S. and Supreet Kaur (2016) “Sources of Growth in Punjab and Haryana Economies vs. India – Evidence from Translog Production Function Analysis”, *SEDME*, 43(3), pp. 47-68, ISSN No. 0970-8464.

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P.G. DEPARTMENT OF ECONOMICS

6. Kaur, Supreet and K. Kaur (2016) "Inter-State Disparities in Net State Domestic Product in India: A Post Reform Period Analysis", *Journal of Economic Policy and Research*, 11(2), pp. 94-103, ISSN No. 0975- 8577.
7. Sethi, A.S. and Supreet Kaur (2015) "Growth and Structural Changes in Employment during Post-Reforms Period in India– Evidence from Different Rounds of NSS", *Journal of Economic Policy and Research*, 10(2), pp. 21-48, ISSN No. 0975- 8577.
8. Sethi, A.S. and Supreet Kaur (2015) "Developmental Expenditure and Total Factor Productivity Growth: An Analysis for Punjab and Haryana States *vis-à-vis* the Indian Economy", in Majumdar, K. and P.K. Jena (eds.), *Research Issues in Applied Economics*, McGraw Hill Education Private Limited, New Delhi, pp. 19-40, ISBN. 978-93-392-2429-5.
9. Sethi, A.S. and Supreet Kaur (2015) "Productivity Performance of Punjab and Haryana States *vis-à-vis* the Indian Economy: Production Functions Analytical Approach", *The Journal of Income and Wealth*, 37(1), pp. 36-49, ISSN No. 0974-0309.
10. Sethi, A.S. and Supreet Kaur (2014) "Structural Transformations and Inter-Sectoral Linkages in Income – A Comparative Analysis for Punjab and Haryana States" *The Indian Journal of Economics*, 86(374), pp. 401-441, ISSN No. 0019-5170.
11. Sethi, A.S. and Supreet Kaur (2013). "Does Labour Productivity Bear any Causal Linkage with Wage Rate? The Indian Experience", *The Journal of International Economics*, 4(2), pp. 21-40, ISSN No. 0976-0792.
12. Sethi, A.S. and Supreet Kaur (2013). "Physical Capital Formation and Income Relationships: A Temporal Analysis for Punjab and Haryana States" *Journal of Regional Development and Planning*, 2(2), pp. 109-130, ISSN No. 2277-9094.
13. Sethi, A.S. and Supreet Kaur (2013). "Growth Accounting Analysis in India with Specific Reference to the Economies of Punjab and Haryana" *The Journal of Income and Wealth*, 35 (2), pp. 147-168, ISSN No. 0974-0309.
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15. Sethi, A.S. and Supreet Kaur (2013) "Electricity Consumption and Economic Growth in Punjab and Haryana: An Examination of Cointegration and Causality Behaviour" *Anvesak*, 43(1), pp. 59-74, ISSN No. 0378-4568.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ECONOMICS

Dr. Seozy Bhatia

Published Paper in Journals

National:-

1. Bhatia, S (2018), "Ending Open Defecation: Evidence from survey of Rural Punjab" in **ANVESAK**, Vol 7, No 2, ISSN: 2278-8913
2. Bhatia, S (2018), Public Health Expenditure in India: Status and Issues, **101th Annual Conference of the Indian Economic Association (IEA), December 14-16, 2018.**
3. Bhatia, S (2015), "Public-Private Dichotomy in Utilization of Immunization Services in Punjab-A Case study of Amritsar district" in **PSE Economic Analyst** , Vol XXX, July 2015, pp14-27. ISSN: 0972-379
4. Bhatia, S (2014), "Socio Economic Empowerment of Women Workers: A case study of Baba Bakalan of Amritsar district" in **SHARE Journal of Multidisciplinary Research and Studies**, pp 42-53 Vol 5, July 2014, pp14-27. ISSN: 0976-4712
5. Bhatia, S. and Dhindsa, P.K. (2013) "Child Health and Malnutrition of India: A Case study" **Indian Journal of Social Development**. Vol 13, No 2, Dec 2013, ISSN:0972-3692

International:-

Bhatia, S (2016), "Universal Immunization Programme in India" in **International Journal of Social and Economic Research**, Vol 6 (4), Oct 2016, pp14-27. ISSN: 2016.00046.5.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ECONOMICS

Dr. Kawaljeet Kaur

Published Paper in Journals

National:-

1. Dr. kawaljeet kaur and Dr. Jaswinder Singh “Labour Law Reforms in India: An Overview” **has been published in the journal ‘Pacific Business Review International’** Volume 9, Issue 12, June 2017. ISSN No. 0974-438X.
2. Dr. kawaljeet kaur and Dr. Jaswinder Singh, “ICT Diffusion and Digital Divide in India: Implications for Economic Policies”, **has been published in the journal ‘Pacific Business Review International’** Volume 1, Issue 2, July 2016, pp-01-09. ISSN No. 0974-438X.
3. Dr. kawaljeet kaur “Impact of Telecommunication Infrastructure on Economic Growth: Theoretical and Empirical Evidence” has been **published in journal *The Asian Economic Review, June 2016, Vol 58 no. 2,*** (ISSN No. 0004-4555)
4. Dr. kawaljeet kaur and Dr. Neena “Impact of liberalization Policy on Telecom Sector Growth in India” has been **published in journal *The Journal of Institute of Public Enterprise, Jan-June 2016, Vol 39, no. 1 & 2,*** (ISSN No. 0971-1856).
5. Dr. kawaljeet kaur and Dr. Supreet Kaur, “Interstate Disparities in NSDP in India: A post-reform Period Analysis” has been **published in *The journal of Economic Policy and Research, April-Sep 2016, Vol 11 no. 2.*** (ISSN No. 0975-8577).
6. Dr. kawaljeet kaur and Dr. Neena “Changing Structure, Performance and Growth of Telecommunications in India” has been **published in journal *Arthshastra: Indian Journal of Economics & Research, May-June 2016, Vol 5 no. 3.*** (ISSN No. 2278-1811)
7. Dr. Jaswinder Singh and Dr. kawaljeet kaur, “State Mission Mode Projects in India: Initiatives, Outcomes and Challenges”, **has been published in the book “Revamping Indian Society in the Era of Modernization: Issues and Dilemmas” in 2016 by Twenty first Centaury Publication, Patiala. ISBN No. 97878-93-85449-21-5.**
8. Dr. kawaljeet kaur and Dr. Jaswinder Singh, “Role of ICT Infrastructure in Financial Inclusion in India: An Empirical Analysis” has been published in the journal ***Asia Pacific Journal of Finance and Risk Management.*** Volume 6 Issue 3, 69-72, 2015. (ISSN No. Print; 0976-7185)
9. Dr. kawaljeet kaur, “Bridging the Digital Divide in India: Initiatives and Challenges” has been published publication in the ***Journal of Advanced Studies, December 2015, Vol 2,*** ISSN No. 2394-6245.

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10. Dr. kawaljeet kaur and Dr. Neena “Status of e-governance in India” has been **published** in the issue of **July-December 2015, Vol 5 no. 2 Journal of Governance and Public Policy** (ISSN No. 2231-0924)
11. Dr. kawaljeet kaur “Causal Relationship between Telecommunication and Economic Growth in India” has been **published** in the Journal **Anvesak, Vol 45 no. 2, July-Dec, 2015.** (ISSN No. 0378-4568)
12. Dr. kawaljeet kaur and Dr. Neena, “Pattern of Inter-State Digital Divide in India”, Published in **Journal of Economic Affairs, September 2014, 59(3), pp. 379-388** ISSN No.0424-2513.

International:-

1. Dr. Jaswinder Singh and Dr. kawaljeet kaur, “Agrarian Distress in Punjab: Challenges and Prospects” has been published in **ZENITH International Journal of Business Economics & Management Research**, Vol. 8 (5), May 2018, pp. 09-18 (ISSN No. 2249-8826)
2. Dr. kawaljeet kaur and Dr. Neena “Central E-Governance Projects in India: Initiatives, Outcomes and Challenges” has been published in **july- december 2016, International Journal of Library and Information Science. Vol 6. No. 2,** (ISSN No. 2231-0924)
3. Dr. kawaljeet kaur “Impact of Competition on Market Share In Telecom Market In India “ has been published in **ZENITH International Journal of Business Economics & Management Research**, Vol.5 (10), OCTOBER (2015), pp. 55-64 (ISSN No. 2249-8826)
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5. Dr. Neena and Kawaljeet kaur, “Socio-Economic Determinants of Telecommunication Development across the States: An Empirical Analysis”, Published in **International Journal of Research in Commerce, Business and Management**, Volume No. 3 (2013), Issue No. 11 November. (ISSN No. 2231-4245).

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ECONOMICS

Dr. Pinky Bains

Published Paper in Journals

National:-

1. Efficiency of Different Natural Plant Product in the Management of The Greater Wax Moth *Galleria Mellonella*, abstract published in National Conference on Plant Sciences: Network in Health and Environment (PSNHE-2018), October 30-31, 2018.
2. Interconnection between Trade Liberalization and Employment in Organised Sector in India (Post- Liberalization Period), 101th Annual Conference of the *Indian Economic Association (IEA)*, December 14-16, 2018.
3. FDI and Economic Growth: An Analysis in the Context of Indian Economy during Post-Liberalization Period, *The Asian Economic Review*, Vol. 58, June 2016, No. 2, pp. 175-185.
4. Sources of Export Instability in India, *Journal of International Economics (JIE)* Vol. 6, Issue No. 1, January-June, 2015, pp. 58-72.
5. Export Instability and Economic Growth in India, abstract published in 51st Annual Conference of *The Indian Econometric Society (TIES)*, December 2014, pp.78
6. Export instability and Economic Growth in India, *Anvesak* Vol. 44, Issue No.2 (July- December, 2014). Pp. 77-88.
7. Growth, Structure and Concentration of India's Exports, *Indian Journal of Economics*, Vol. XCV, Issue No. 377, October 2014, pp. 327-378.
8. Role of Trade in Economic Growth in India: Challenges Ahead, *Indian Economic Association (IEA)*, Special Issue (Conference Volume) December 27-29, 2013, pp. 359-370.

International:-

Changing Pattern of India's Trade with Developing Countries during Post- Reform Period, *International Journal of Scientific and Social Research (IJSSR)*, Vol. 1, Issue 1, 2017, pp-26-42.

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ENGLISH**

Prof. Sawant Singh Manto

Published Paper in Journals

National:-

1. Manto, Sawant Singh. The Future Of Theory. The Literary Icon. Vol IV June 2016. ISSN 2278-6627
2. Manto, Sawant Singh. Women As Symbol Of Evil : A Feminist Study Thrity Umrigar's "*The Space Between Us*", International Research Journal of Management , Sociology and Humanities , Vol 7 Issue 10 October 2016, Issn No 2345-9359
3. Manto, Sawant Singh. From Victim Feminism to Power Feminism: a Postfeminist study of the character of Feroza in Bapsi Sidwa's "*An American Brat*". International Research Journal of Management , Sociology and Humanities , Vol 7 Issue 11 November 2016, Issn No 2348-9359
4. Manto. Sawant Singh. Separation Vs Assimilation: A diasporic Study of Ravinder Ravi's *The Road to Marriage*. Immigrant Literature by the Writers of Punjabi Origin. (ed) sushminderjeet Kaur Dr. Hargunjot Kaur. Unistar Books Pvt Ltd. Mohali. 978-93-83296-79-8
5. Manto, Sawant Singh. *Waiting For Godot* As A Post Modern Play. Explications Of English Literary Texts Poetry, Fiction , Drama (Ed.) Malkinder Singh. Akhand Publishing House, Delhi. 2018. 978-81-939342-4-1.

Prof. Malkinder Singh

Published Paper in Journals

National:-

Published a Chapter titled 'Complexity of Human Relation in *The Birthday Party* by Harlod Pinter' in the book titled 'Reflections on Modern Language and Literature' ISBN 978-93-86785-12-1 edited by Prof. Sawant Singh Manto in Nov 2017.

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ENGLISH**

Prof. Mamta Mahendru

Published Paper in Journals

International:-

1. *A Street car named Desire by Tennessee Williams: A Battle of Sexes*, The Literary Icon, vol ii, June, 2013, ISSN-2278-6627
2. *Bluntschli-an Illusion Breaker in G.B. Shaw's Arms and The Man*, Ambrosia, vol-4, Jan 2015, ISSN 2249-4499
3. *Things Fall apart: A Saga of Cultural Upheaval*, Gnosis, vol-1, April 2015, ISSN 2394-0131
4. *The Aftermath Of War: Shattering Idealism in Authur Miller's All My Sons*, The Literary Icon, Jun, 2015, ISSN 2278-6627
5. *Ursula's Feministic Perspective in D.H. Lawrence's The Rainbow and Women in Love*, Literary Herald, Vol-3, Issue 1, June, 2017, ISSN 2454-3365
6. *Dehumanising Effects of Industrialisation on the Familial Relations in D.H. Lawrence's Sons and Lovers*, The Criterion:An International Journal in English, Vol-8, Issue-3, June 2017, ISSN 0976-8165
7. *Santiago's Victory in Defeat in earnest Hemmingway's The Old Man and the sea'*, Literary Herald, Vol-3, Issue 4, Dec 2017.

National:-

Justice or Inhumanity John Galsworthy's Justice: A Study, Ambrosia, vol-3, oct 2013, ISSN 2249-4499

Dr. Jaswinder Kaur

Published Paper in Journals

International:-

1. Paper published on 'Evaluation of Gendered Linguistic Differences in Henrik Ibsen's A Doll's House and Hedda Gabler' in International Journal of Humanities and Social Studies, August Issue 2015.

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF ENGLISH

2. Paper entitled "Rediscovering Humanities in Literature and Classroom Teaching" was published in Quest Journals, Vol. 5, Issue 10, Nov. 2017. ISSN no. 2321-9467.
3. Paper entitled ""New Identities", "Old Institutions" in Diasporic Literature with special reference to Swaran Chandan's "Nave Rishte" published in International Journal of Creative Research Thoughts, Vol.6, Issue 2, March-April 2018. ISSN no. 2320-2882.
4. Paper published entitled "Language and Sex: A Sociolinguistic Point of View" in Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598, Volume-09, Issue-01, Jan-Feb 2019 Issue

Prof. Pooja Kalia

Published Paper in Journals

International:-

1. *The Semiotics of Representation: An Exploration of Communication skills*, The Investigator – An International Refereed Journal of multi- disciplinary Explorations ISSN No. 2454-3315, Nov, 2015
2. *Advertisement: The magnetic power to Attract*. Challenges, International Journal of business Mangement and Scientific Research ISBN No. 2394-6636 April, 2015
3. *Human values & Ethical Human Conduct : The Mantra of Success* . Business innovation and technology: Issues and Challenges, ISBN No. 978-93-81212-78-3, Dec, 2015
4. *English Language teaching in India: Trends and Challenges* ,International Journal engineering applied sciences and technology, ISSN No. 2455-2143 (vol.2 Issue-3 Impact factor2.9) Jan-Feb, 2017
5. *Comparative Study of Methods: GTM and CLT*. IOSR Journal of humanities and Social Science. E-ISSN No. 2279-0837 PISSN No. 2279-0845 May, 2017 (Vol.22 Issue-5)
6. *Adhoc /Contract Faculty System*, Global English Oriented Research Journal, International Quarterly Online Journal,Vol.2,Issue 3, ISBN NO.2454-5511.Dec.16

KHALSA COLLEGE AMRITSAR
PG DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

Papers Published

International:-

1. **Manbir Singh, Gursharan Kaur, Sukhbir Singh, Sandeep Singh**, Effect of conditions of packaging materials and storage conditions on biochemical and microbial profile of mung bean warrian (Indigenous fermented foods) in International Journal of Food and Fermentation Technology 3(1), 2013, 65-69, ISSN No.: 2249-1570.
2. **Manbir Singh, Gursharan Kaur, Sandeep Singh and Sukhbir Singh**, Seasonal variations in biochemical characteristics of papadam and warrian (indigenous fermented foods) with the growth of proteolytic bacteria, Advances in Food Sciences, 35(2), 2013, 76-81, ISSN No.: 1431-7737.
3. **Manbir Singh and Gursharan Kaur**, Effect of packaging and storage conditions on biochemical and microbial profile of proteolytic bacteria in indigenously fermented soya bean flour blended warrian, Venkateshwara International Journal of Multidisciplinary Research , 1(1), 2014, 1-12, ISSN No.: 0970-6194.
4. **Manbir Singh and Sukhbir Singh**, Comparison of Microbiological and Biochemical changes in Mung bean and Soy bean flour blended papads under Natural and Controlled fermentation with Proteolytic bacteria, Venkateshwara International Journal of Multidisciplinary Research, 1(2), 2014, ISSN No.: 0970-6194.
5. **Singh Manbir** and Poonam Rishishwar, Studies on the proteolytic bacterial growth and moisture pick up in Black gram warrian packaged in different packaging materials, Venkateshwara International Journal of Multidisciplinary Research, 3(1), 2017, 100-109, ISSN No.: 0970-6194.
6. **Sandeep Singh and Narpinder Singh**, Relationship of polymeric proteins and empirical dough rheology with dynamic rheology of dough and gluten from different wheat varieties, Food Hydrocolloids, 33(2), 2013, 342-348, Impact Factor: 5.5, ISSN No.: 0268-005X.
7. Hardeep Singh Gujral, Paras Sharma and **Ritupriya Sharma**, Antioxidant properties of Sand roasted and steam cooked Bengal gram(*Cicer arietinum*), Food Science and Biotechnology, 22(1), 2013, 183-188, ISSN No. 1226-7708.
8. Narpinder Singh, **Shubhpreet Kaur et al**, Structural, thermal and rheological properties of Amaranthus hypochondriacus and Amaranthus caudatus, Starche-Starke, 66 (5-6), 2014, 457-467, ISSN No.: 0038-9056.
9. **Gursharan Kaur and Jaswinder Singh**, Probiotics and prebiotics: Health Impacts, International Journal of Biology Engineering Science & Technology, 1(4), 2015, ISSN No.: 2249-6483.

KHALSA COLLEGE AMRITSAR
PG DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

10. **Davinder Pal Singh Oberoi** & DS Sogi, Effect of drying methods and maltodextrin concentration on pigment content of watermelon juice powder. *Journal of Food Engineering*, 165, 2015, 172-178, Impact Factor: 3.85, ISSN No. 0260-8774.
11. **Davinder Pal Singh Oberoi** & DS Sogi, Utilization of watermelon pulp for lycopene extraction by response surface methodology. *Food Chemistry*, 232, 2017, 316-321, Impact Factor: 4.879, ISSN No. 0308-8146.
12. **Davinder Pal Singh Oberoi** & DS Sogi, Moisture Sorption characteristics of dehydrated watermelon (*Citrullus Lanatus Thunb*) pomace wastes. *Journal of Food Processing and Preservation*, 41, 2017, 1-6, Impact Factor: 1.51, ISSN No. 1745-4549.
13. **Davinder Pal Singh Oberoi** & DS Sogi, Prediction of lycopene degradation during dehydration of watermelon pomace (*cv Sugar Baby*). *Journal of the Saudi Society of Agricultural Sciences*, 16, 2017, 97-103, ISSN No. 1658-077X.
14. N.N. Misra, **Seeratpreet Kaur**, Brijesh Kumar Tiwari, Amritpal Kaur, Narpinder Singh, PJ Cullen. Atmospheric pressure cold plasma (ACP) treatment of wheat flour. *Food Hydrocolloids*, 44, 2015, 115-121, Impact Factor: 5.5, ISSN NO: 0268-005X.
15. Amritpal Kaur, Narpinder Singh, **Seeratpreet Kaur**, et al,. Relationship of various flour properties with noodle making characteristics among durum wheat varieties. *Food Chemistry*, 188, 2015, 517-526, Impact Factor: 4.879, ISSN NO:0308-8146.
16. Jaswinder Singh Randhawa , **Gursharan Kaur Sandhu** , **Ritupriya Jaiswal** , Mandeep Kaur, To study the effect of aeration on the post harvest quality of tomatoes, *International Journal of Science and Advance Research Technology*, 1(8), 2015, 1-3, ISSN No.: 2395-1052.
17. Mehak katyal, Amardeep Singh viridi, Amritpal kaur, Narpinder Singh, **Seeratpreet Kaur**, Arvind Kumar Ahlawat, Anju Mahendru Singh. Diversity in quality traits amongst Indian wheat varieties I: Flour and protein characteristics. *Food Chemistry*, 194, 2016, 337-344, Impact Factor: 4.879, ISSN NO:0308-8146.

National:-

1. Manisha Kaushal and **Gursharan Kaur**, Significance of effluent treatment plant in food processing, *Beverage and Food World*, 40(3), 2013, 46-47, ISSN No.: 0970-6194.
2. **Manbir Singh**, **Gursharan Kaur**, **Sandeep Singh** and **Sukhbir Singh**, Heritage foods and its significance: papads and warrain, *Processed Food Industry*, 2013, 20-27, ISSN No.: 2157-7110.

KHALSA COLLEGE AMRITSAR
PG DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

3. **Davinder Pal Singh Oberoi** & D.S. Sogi (2015). Drying kinetics, moisture diffusivity and lycopene retention of watermelon pomace in different dryers. *Journal of Food Science and Technology*, 52 (11), 7377-7384, Impact Factor: 1.797, ISSN No. 0975-8402.

4. Amritpal Kaur, Khetan Shevkani, Narpinder Singh, Parul Sharma, **Seeratpreet Kaur**, Effect of guar gum and xanthan gum on pasting and noodle-making properties of potato, corn and mung bean starches, *Journal of Food Science and Technology*, 52(12), 8113–8121, Impact Factor: 1.797, ISSN No. 0975-8402.

**KHALSA COLLEGE AMRITSAR
DEPARTMENT OF HINDI**

Dr. Surjeet Kaur

Published Paper in Journals

National:-

1. Dr. Surjeet Kaur, "Sant Sahitya Mein Ashtang Yog" pp. 65-75, The Literary Dialogue, January 2014, ISSN-2319-7021
2. Dr. Surjeet Kaur, "Samkaleen Hindi Mahila Dalit Kavya Mein, Rajnaitik Chetna" pp. 20-28, Phillaur Research Journal Vol. II Summer 2014, ISSN-2321-0842

**KHALSA COLLEGE AMRITSAR
DEPARTMENT OF HISTORY**

Dr. Supreet Kaur

Papers Published

National:-

Dr. Supreet Kaur, "Futuhah Namah -i- Samadi: A Critical Appraisal", *The Past and Present*, (April 2017)

KHALSA COLLEGE AMRITSAR
DEPARTMENT OF JOURNALISM AND MASS COMMUNICATION

Dr. Puneet Dhillon

Published Paper in Journals

National:-

1. Electronic Media & Mother tongue (February, 2016) Communis, ISSN: 2348-3601
2. Impact of Brand Management on Hospitality Sector: A survey based study in Amritsar, (January, 2015) AJMS, ISSN: 2348-7186
3. Objectifying Women through prism of Cinema: Comparing 1980s and 2000 (April, 2015) AJMS, ISSN: 2348-7186
4. Advertisements affecting Consumer Behavior, (March, 2014) Business Dynamics: Contemporary issues and challenges, ISSN: 2387-5892
5. Role of Facebook in sensitizing Youth against crime against Women: A survey based study (December, 2014) AJMS, ISSN: 2321-8819

International:-

Women in action: Comparative study of 50s and 2000s (March, 2016) JASCR/2016/03/03 (US)

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF MATHEMATICS

Prof. Rajinder Pal Kaur

Published Paper in Journals

International:-

Depletion of Forestry Resource Biomass: Industry and Government Control, 411-420, (March 2019) International Journal of Research and Analytical Reviews (IJRAR), E-ISSN: 2348-1269, P-ISSN: 2349-5138

Prof. Navyodh Singh

Published Paper in Journals

International:-

1. A Repetitive Acceptance Sampling Plan for Generalized Inverted Exponential Distribution Based on Truncated Life Test Volume-5, Issue-3, pp.58-64, (June 2018) International Journal of Scientific research in Mathematical and statistical Sciences ISSN: 2348-4519
2. Design of Repetitive Acceptance Sampling Plan for Truncated Life Test using Inverse Weibull Distribution. Volume 8, Issue VII, pp.433-441 (July 2018) International Journal of Management, Technology and Engineering ISSN: 2249-7455
3. New Fuzzy Measures of Directed Divergence, Volume 6, Issue 03, pp. (2017), International Journal of Advance Research in Science & Engineering, ISSN 2319-8354, (G.S. Buttar, **Navyodh Singh** & Navjeet Singh)

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF MATHEMATICS

Prof. Navjeet Singh

Published Paper in Journals

International:-

1. A Repetitive Acceptance Sampling Plan for Generalized Inverted Exponential Distribution Based on Truncated Life Test Volume-5, Issue-3, pp.58-64, (June 2018) International Journal of Scientific research in Mathematical and statistical Sciences ISSN: 2348-4519
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3. New Fuzzy Measures of Directed Divergence, Volume 6, Issue 03, pp. (2017), International Journal of Advance Research in Science & Engineering, ISSN 2319-8354, (G.S. Buttar, Navyodh Singh & **Navjeet Singh**)

Dr. Gurcharan Singh

Published Paper in Journals

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1. **G. S. Buttar**, New Fuzzy Measures of Directed Divergence, Volume 6, Issue 03, pp. (2017), International Journal of Advance Research in Science & Engineering, ISSN 2319-8354, (G.S. Buttar, Navyodh Singh & **Navjeet Singh**)
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3. **G. S. Buttar** (2016): New Measures of Entropy and Divergence for Fuzzy Distribution. International Journal of Computer Science and Information Security, 14(10), 914-919.
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5. **G. S. Buttar**, P. K. Sharma and Mukesh Sharma (2015): Some Generalised Entropic Models for Fuzzy Distribution. Mathematical Modeling, Optimization and Information Technology (Ed. Om Parkash), ISBN: 978-3-659-71422-1, LAMBERT Academic Publishers, 205-210.

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10. **G. S. Buttar**, P. K. Sharma and Mukesh Sharma (2014): New weighted and non-weighted measures of fuzzy divergence and their properties. Mathematical Modeling and Applications, LAMBERT Academic Publishers, 73-83
11. **G. S. Buttar**, P. K. Sharma and Mukesh Sharma (2014): Weighted Partial Information about a fuzzy set-a measurement. Mathematical Modeling and Applications, LAMBERT Academic Publishers, 84-91.
12. **G. S. Buttar**, P. K. Sharma and Mukesh Sharma (2013): A study of uncertainty through different states of queueing theory. American Journal of Mathematics and Sciences, **2(1)**, 71-77.
13. **G. S. Buttar**, P. K. Sharma and Mukesh Sharma (2013): Optimizing measures of fuzzy entropy. American Journal of Mathematics and Sciences, 2(1), 79-84.

KHALSA COLLEGE AMRITSAR
DEPARTMENT OF PHYSICAL EDUCATION

Dr. Daljeet Singh

Published Paper in Journals

International:-

1. Dr. Daljeet Singh, (Plus One), A comparison of Media Portrayal of Male and Female Athletes during 2004-2008 Olympics. 4 (1): 96-102, Journal of Health and Fitness. 0975-9409, (2013).
2. Dr. Daljeet Singh, (Plus One), A comparative study of physical fitness variables of female cricket players and non-cricket players in Ludhiana women's colleges, Vol. 1 Issue 1, pp. 61-63, International research journal of Health, Fitness and Sports Sciences" 2320-5202, (Jan 2013)
3. Dr. Daljeet Singh, (Plus One), Coordinative Abilities of Female Baseball And Softball Players: A Comparative Study Vol: I Issue: II, International Research Journal of Physical Education and sports sciences (Online), 2394-7985
4. Dr. Daljeet Singh, (Plus One), Comparative study of physiological characteristics of high and low performance of male cricket players, International Journal of Physical Education, Sports and Health (2016); 3(4): 171-173 (online), P-ISSN: 2394-1685 E-ISSN: 2394-1693. (ISRA): 4.69.
5. Dr. Daljeet Singh, (Plus One), A Cross sectional analysis of mental toughness among female judokas at inter college and intervarsity level, Accepted for publication in International Research Journal of Sports Glimpses (IRJSG)- online (August 2017), ISSN: 2278-5027
6. Dr. Daljeet Singh, (Plus One), Extroversion and Anxiety between Cricketers and Swimmers: A Psychological Probe, International journal of Physiology, Nutrition and physical education VOL.2 issue:2 (2017), ISSN:2456-0057, ISSN:2456-0057

**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS**

Dr. Harvinder Kaur

Published Paper in Journals

National:-

Nonlinear electron acoustic waves in multispecies plasma with non-Maxwellian electrons, vol. 01, issue 02, pp 112-118, (2015) Journal of Current Reports on Science and Technology. ISSN No.2455-023X

International:-

1. Propagation characteristics of ion-acoustic double layer in multi component inhomogeneous auroral zone plasma, Vol. 89, pp 28, (2017) Pramana Journal of Physics
2. Ion-acoustic dressed solitary structures in two component plasma with Tsallis-non-thermal velocity distribution of electrons, Vol. 91, pp 1625-1634, (2017) Indian Journal of Physics

Dr. Taminder Singh

Published Paper in Journals

National:-

1. Self-assembled zinc Phthalocyanine based nanostructures for gas sensing applications. (2017) Journal of Current Reports on Science and Technology. ISSN No.2455-023X
2. PEG-400 mediated growth of nanostructured CuO thin/thick films and their gas sensing performance. (2017) Journal of Current Reports on Science and Technology. ISSN No.2455-023X

International:-

1. Composition dependence of the magnetic properties of strontium hexaferrite doped with rare earth ions. (2014) Journal of Physics
2. Electrical properties of rare earth doped strontium M-type hexagonal ferrites (2014) Journal of Material Science
3. Ultrasonic spray pyrolysis deposition of SDS surfactant assisted copper oxide thin films. (2014) Journal of Future Engg. And Technology
4. Dielectric behaviour of M-type hexaferrites doped with rare earth ions. (2013) International Journal of Theoretical and Applied Sciences
5. Electrical and dielectric properties of M-type Stronsium hexaferrites doped with Gd-rare earth ions. (2013) International journal on Engineering Research and Technology

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS

Dr Gurpartap Singh

Published Paper in Journals

International:-

1. S. Amrita Kaur, G.S. Randhawa and Randhir Singh, Synthesis and Structural Analysis of Cobalt Doped Zinc Nanoparticles. International Organisation of Scientific Research Journals Vol.09 (5) Sept.2017, e-ISSN: 2278-4861.
2. S. Amrita Kaur and G. S. Randhawa, Ion Track Membrane as Template for Copper Nanowires. Current Reports in Science and Technology. Vol. 1 (2) June (2016).

Dr. Gursharan Kaur

Published Paper in Journals

National:-

1. Iqbal Singh, Taminder Singh, Gursharan Kaur, Kamalpreet Khun Khun, Rajan Saini, Bikramjeet Kaur, Time resolved LED light sensing applications of CuO films In conference proceeding of International Multistram conference on Research & Society (2017) 89-96 ISBN-978-93-85835-80-3
2. Pooja Devi, Rajan Saini, Kamalpreet Khun Khun, Iqbal Singh, Gursharan Kaur, Taminder Singh, Rajinder Singh, R. K. Bedi, Self-assembled zinc phthalocyanine based nanostructures for gas sensing application, Current Reports in Sciences and Technology 3(1) (2017) 113-120, ISSN-2455-023X
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7. Iqbal Singh, Taminder Singh, Gursharan Kaur,Correlation among the structural, morphological and gas sensing parameters of USP deposited Al-CuO films, Journal of Current Reports in Science and Technology Current Reports in Sciences and Technology 1(2) (2016) 38-45.ISSN-2455-023X
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9. Iqbal Singh, Gursharan Kaur, Taminder Singh, Synthesis of porous network of CdO nanoparticles by using urea as a fuel in sol gel technique Latest developments in science engineering and management LDSEM-2014 conference proceeding457-460 ISBN-978-81-924867-1-0

Dr. Sanjit Amrita Kaur

Published Paper in Journals

International:-

1. S. Amrita Kaur, G.S. Randhawa and Randhir Singh, Synthesis and Structural Analysis of Cobalt Doped Zinc Nanoparticles. International, Organisation of Scientific Research Journals Vol.09 (5) Sept.2017, e-ISSN: 2278-4861.
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4. S. Amrita Kaur and Jyot Amrita, Track Etched Membranes for Electronic Applications, Int. J. of Sci. Res. ISSN(on line): 2319-7064, Index Copernicus Value (2013): 6.14, Impact Fact. (2013): 4.438. Vol. 4 Issue 1 Jan. (2015) 1414-1417.
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KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS

Dr. Iqbal Singh

Published Paper in Journals

National:-

1. Pooja Devi, Rajan Saini, Kamalpreet KhunKhun, Iqbal Singh, Gursharan Kaur, Taminder Singh, Rajinder Singh, R. K. Bedi, Self-assembled zinc phthalocyanine based nanostructures for gas sensing application, Current Reports in Sciences and Technology 3(1) (2017) 113-120,ISSN-2455-023X
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**KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS**

Dr. Mohan Singh

Published Paper in Journals

National:-

Singh, M., Kaur, H. (2016). "Artificial neural networks in material science research". Curr. Rep. Sci. & Tech. 2 (1) (2016) 145-159. ISSN: 2455-023X

International:-

1. **Singh, M.**, (2016). "Vibrational Spectroscopic Study of Muscovite and Biotite Layered Phyllosilicates". Indian Journal of Pure & Applied Physics 54, 116-122. ISSN: 0975-1041 (Online); 0019-5596 (Print)
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KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS

Dr. Gurinderpal Singh

Published Paper in Journals

National:-

1. **Gurinder Pal Singh**, Joga Singh, ParvinderKaur, SimranpreetKaur, P.S. Bedi, ArshdeepKaur, Davinder P. Singh "Effect of WO_3 on covalent behaviour of $PbO-B_2O_3$ glasses" *Currents Reports on Science and Technology* in (jan-june) 2016. (ISSN: 2455-023X).
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3. Joga Singh, **Gurinder Pal Singh**,,B.S.Bajwa, study of indoor radon, thoron and their progeny concentration in Rohtak district of Southeast Haryana, India" *Currents Reports on Science and Technology* in 2015 (ISSN: 2455-023X).

International:-

1. Simranpreet Kaur, Deepawali Arora, Sunil Kumar,**Gurinder Pal Singh**, Shaweta Mohan, PuneetKaur, Kriti, PuneetKaur, D.P.Singh "Blue –yellow emission adjustability with aluminium incorporation for cool to warm white light generation in dysprosium doped borate glasses " *Journal of Luminescence* 202 (2018) 168-175. ISSN 0022-2313
2. Deepawali Arora, Kandasami Asokan, Sunil Kumar, Simranpreet Kaur, Parvinder Kaur, **Gurinder Pal Singh**,AmanMahajan, Sameer Kalia, NeerjaKalia, Kriti Seth, PuneetKaur, Davinder P. Singh, "Effect of dilute concentrations of Sm on the temperature dependent electrical and dielectric properties of ZnO" *Journal of the American Ceramic Society* 101(9) (2018) 4023-4037 ISSN:1551-2916
3. Joga Singh, B. S. Bajwa, **Gurinder Pal Singh**, AmanjitPanghal, "Indoor Radon measurements & estimation of inhalation doses in Amritsar and Gurdaspur districts of Punjab, India" *International Journal of research in Management, science & Technology* 5(2017)7-12.ISBN 2321-3264
4. ParvinderKaur, SimranpreetKaur, **Gurinder Pal Singh**, Deepawali Arora, Sunil Kumar, D.P. Singh "Excitation induced spectroscopic study and quenching effect elucidation of samarium in cerium lithium aluminoborate glasses" *Physica B* 495 (2016) 11-15 .ISSN: 0921-4526

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P.G. DEPARTMENT OF PHYSICS

5. **Gurinder Pal Singh**, Joga Singh, ParvinderKaur, SimranpreetKaur, DeepawaliArora, Davinder P. Singh "Covalent to ionic behaviour of Cadmium doped Pbo-B₂O₃ glasses" *Current Smart materials* 1 (2016) 77-81.ISSN 2405-4666
6. DeepawaliArora, KandasamiAsokan Sunil Kumar, SimranpreetKaurParvinderKaur, **Gurinder Pal Singh**Aman Mahajan, Davinder P. Singh "Room Temperature Ferromagnetism and Luminescent Behavior of Ni doped ZnO Nanoparticles Prepared by Coprecipitation Method" *AIP Conference Proceedings* 1731 (2016)130036 .ISSN 0094-243X (print); 1551-7616 (web)
7. SimranpreetKaur, ParvinderKaur, **Gurinder Pal Singh**, Sunil Kumar, D.P.Singh "Antiquenching Effect of Modifying Cations on Samarium Clustering: Physical, Structural and Luminescent Behaviour of Heavy Metal Borate Glass Systems" *Optical Materials* 47(2015) 276-284 ISSN: 0925-3467
8. ParvinderKaur , SimranpreetKaur, **Gurinder Pal Singh**, D.P.Singh "Cerium and Samarium Codoped Lithium Aluminoborate Glasses for White Light Emitting Devices" *J. Alloys Compounds*588(2014) 394–398 ISSN: 0925-8388
9. **Gurinder Pal Singh**, ParvinderKaur , SimranpreetKaur, , D.P.Singh "Gamma ray effect on the covalent behaviour of the CeO₂-BaO-B₂O₃ glasses" *Physica B* 450 (2014) 106-110 ISSN: 0921-4526
10. SimranpreetKaur, **Gurinder Pal Singh**, ParvinderKaur, D.P.Singh "Cerium Luminescence in Borate Glass and Effect ofAluminium on Blue Green Emission of Cerium Ions"*Journal of Luminescence* 143(2013) 31-37. ISSN: 0022-2313
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12. SimranpreetKaur, ParvinderKaur, **Gurinder Pal Singh**, DeepawaliArora, Sunil Kumar, D.P.Singh "White light emission of Ce³⁺ sensitized Sm³⁺ doped lead aluminoborate glass" *Journal of Luminescence* 143(2013) 31-37.ISSN: 0022-2313
13. **Gurinder Pal Singh**, D.P.Singh "Conversion of covalent to ionic character of Fe₂O₃-CeO₂-PbO-B₂O₃ glasses for solid state ionic and photonic applications" *Journal of Alloys and Compounds* 546 (2013) 224-228. ISSN: 0925-8388

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS

Dr. Joga Singh

Published Paper in Journals

National:-

1. Gurinderpal Singh, Joga Singh, DP Singh. Effect of WO₃ on covalent behaviour of PbO-B₂O₃ glasses. Currents Reports on Science and Technology. Vol 2(1), 2016, Pages 1-9. ISSN: 2455-023X.
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International:-

1. Amanjeet Panghal, Ajay Kumar, Suneel Kumar, Joga Singh, Sumit Sharma, Parminder Singh & BS Bajwa. Estimation of natural radionuclides and exhalation rate in surface soils of four districts of four districts of Haryana, India. Journal of Geological Society of India, Vol 92, 2018. Page 695-703. ISSN: 0974-6889.
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KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS

Dr. Rajan Saini

Published Paper in Journals (National = 07, International = 03)

1. Isotopic fractionalisation in Atmospheric water vapour at 00C. (2017) Journal of Current Reports on Science and Technology. ISSN No.2455-023X
2. Self assembled zinc Phthalocyanine based nanostructures for gas sensing applications. (2017) Journal of Current Reports on Science and Technology. ISSN No.2455-023X
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5. Stable oxygen isotopes as a tool to investigate the temperature and salinity induced water mixing (2016) Journal of Current Reports on Science and Technology. ISSN No.2455-023X
6. Preparation and characterization of self assembled organic nanofibers (2016) Journal of Current Reports on Science and Technology. ISSN No.2455-023X
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15. Solution processed CuPc based nanowires for room temperature Cl₂ gas sensing applications, 1536 (2013) 1149, AIP Conference Proceedings

KHALSA COLLEGE AMRITSAR
P.G. DEPARTMENT OF PHYSICS

Dr. Kamalpreet Khun Khun

Published Paper in Journals

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Dr. Parvinder Kaur

Published Paper in Journals

National:-

1. Gurinder Pal Singh, Joga Singh, **Parvinder Kaur**, Simranpreet Kaur, P.S. Bedi, Arshdeep Kaur, Davinder P. Singh "Effect of WO_3 on covalent behaviour of $PbO-B_2O_3$ glasses" *Currents Reports on Science and Technology* in (jan-june) 2016.
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Dr Harmanmeet Kaur

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Dr. Vandana

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P.G. DEPARTMENT OF PHYSIOTHERAPY

Dr. Davinder Kaur Dhillon

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National:-

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Dr. Kawaldeep Kaur

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Dr. Harneet Kaur

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Dr. Manu Vishist

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P.G. DEPT. OF POLITICAL SCIENCE & PUBLIC ADMINISTRATION

Published Paper in Journals

Prof. Devender Singh

National:-

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Dr. Sukhjit Singh

International:-

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Dr. Gurvel Singh Malhi

National:-

Contributed four lessons to the study material of Politics in South Asia, M.A. Political Science, IInd Semester as a Subject Expert, in Session 2015-16. The Study material was prepared for the students of Directorate of Distance Education, University of Jammu, Jammu.

Dr. Harbilas Singh Randhawa

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Dr. Bhupinder Singh

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Dr. Rajbir Kaur

Published Paper in Journals

International:-

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5. Fish liver and gill cells as cyto-genotoxic indicators in assessment of water quality (2016), Environmental Science and Pollution Research 23 (18): 18892-18900 ISSN: 1614-7499

Dr. Satinder Kaur Pannu

Published Paper in Journals

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Prof. Kirandeep Kaur

Published Paper in Journals

International:-

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Prof. Aarti Sharma

Published Paper in Journals

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**KHALSA COLLEGE AMRITSAR
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Dr. Gurleen Kaur

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International:-

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3. DNA damage in a patient with Systemic Lupus Erythematosus and Nephropathy- A Case Report (2015) *International Journal of Biomedical Research* 6: 527-530, ISSN:0976-9633
4. Serum Creatinine levels, Glomerular Filtration Rate and Renal Insufficiency (2013) *South Asian Anthropologist* 13: 9-15, ISSN: 0257-7348

Dr. Indu Kumari

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