



# BFGI NEWSLETTER

DEPARTMENT OF RESEARCH & DEVELOPMENT

2014 Volume 5



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## EDITORIAL BOARD

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## Ph.D DEGREE AWARDED

- ✚ Dr. Amit Saurabh faculty of Department of Agriculture has been awarded degree in the year 2014, title of thesis being: "Effect of different soilless growing media on yield and quality of bell pepper under protected conditions"
- ✚ Dr. Deepti Sharma Faculty of Dept of Physycs has been awarded degree in the year 2014, title of the thesis being "Forcing Over Patiala"
- ✚ Dr. Harpal Singh Faculty of Dept of Agriculture has been awarded degree in the year 2014, title of the thesis " Evaluation of Gernalisom and standardization of propagation Technique
- ✚ Dr. Harvinder Kaur faculty of Department of Agriculture has been awarded degree in the year 2014, title of thesis being: "Investigation of Dark spored Mushrooms from Punjab"
- ✚ Dr. Pardeep Kaur faculty of Department of Agriculture has been awarded degree in the year 2014, title of thesis being: Regulation of flower production and post harvest keeping quality in chrysanthemum.
- Dr. Pankil Singla faculty of Department of Chemistry has been awarded degree in the year 2014, title of thesis being: Microwave assisted polymerization of lactide and in situ preparation of poly lactic acid clay nanocomposites.
- ✚ Dr. Harmanpreet Singh Kapoor Department of Mathematics has been awarded degree in the year 2014, title of thesis being: "Some Applications of Statistics in Actuarial Science"
- ✚ Dr. Vivek Sharma Faculty of Dept of Chemistry has been awarded degree lodination of Industrial Important organic Compound in 2014, Title of Thesis being: "Using New Reagent System"
- ✚ Dr. Abhinav Saxena faculty of Department of Agriculture has been awarded degree in the year 2014, title of thesis being: Taxonomic studies on family Geometridae (Lepidoptera) from North-east India.

## CONFERENCES ORGANISED



Crop Productivity & Sustainability- Shaping the Future has been organized by Department of Agriculture, Baba Farid College, dated March 20-21, 2014.



National Conference dedicated to Dr.T R Vinod has been organized by Department of Punjabi, Baba Farid College, dated Feburary 6, 2014.



International Conference on ISSUES AND PERSPECTIVES IN BRAND MANAGEMENT has been organized by Baba Farid College of Management & Technology on February 20-22, 2014.

## FACULTY DEVELOPMENT PROGRAMME

Faculty Development Programme on Latex Software was organized by IIT, Bombay at Baba Farid College of Engineering and Technology, Bathinda on May 15th, 2014.



Faculty Development Programme on Instructional Delivery (Module II) has been organized by Baba Farid College of Management & Technology on 19 – 23 May, 2014.

Faculty Development Programme on Communication Skills (Module IV) by NITTTR has been organized by Baba Farid College of Management & Technology on 23 – 27 June, 2014.

Faculty Development Programme on Instructional Planning (Module I) by NITTTR has been organized by Baba Farid College of Management & Technology on 15 – 19 Dec, 2014.



## PUBLICATIONS IN JOURNAL

Bhawana Gupta, Big Data Analytics with Hadoop to analyze Targeted Attacks on Enterprise Data, International Journal of Computer Science and Information Technologies, 5(3): 3867-3870. 2014

D.G. Kaskaoutis, S. Kumar, **D. Sharma**, R.P.Singh, S.K. Kharol, M.Sharma, A.K. Singh, S.Singh and D.Singh, Effect of agriculture biomass burning on aerosol properties, plume characteristics and long range transport over northern India, Journal of Geophysical Research Atmosphere, DOI: 10.1002/2013JD021357.

Prashant Rajput, M.M.Sarin, **Deepti Sharma** and Darshan Singh, Organic aerosols and inorganic species from post-harvest agricultural-waste burning emissions over northern India : Impact on mass absorption efficiency of elemental carbon, environmental science : processes and impacts , doi: 01.1039/C4EM003078.

Atinder Singh, Neeraj rastogi, **Deepti Sharma** and Darshan Singh, Inter and Inter- annual variability in aerosol characteristics over northwestern Indo-Gangetic Plain, Aerosol and Air Quality Research, doi:10.4209/aaqr.2014.04.0080.

Prashant Rajput, M.M.Sarin, **Deepti Sharma** and Darshan Singh, " Characterization and emission budget of carbonaceous aerosols from post-harvest agriculture-residue burning in Indo-Gangetic Plain, Tellus-B,66,21026,2014.

Prashant Rajput, M.M.Sarin, **Deepti Sharma** and Darshan Singh, " Atmospheric polycyclic aromatic hydrocarbons and isomer ratios as tracers of biomass burning emission in Northern india," Environmental science and Pollution Research,DOI 10.1007/s11356-014-2496-5,2014.

Atinderpal Singh , Prashant Rajput, M.M.Sarin, **Deepti Sharma** and Darshan Singh, " Black Carbon from Biomass Burning Emissions in Indo-Gangetic Plain," Advances in Materology, 2014 , Article ID 179301 , <http://dx.doi.org/10.1155/2014/179301>, 10 pages.

**Gurkamal Bhullar:** "International Journal of Innovative Research in Computer and Communication Engineering" (IJRCCE) on Concurrency and Security Control, vol-5(3), 2014.

**Gurkamal Bhullar:** "International Journal of Innovative Research in Computer and Communication Engineering" (IJRCCE) on Concurrency and Security Control vol-3(3), 2014.  
Harvinder Kaur Income and Consumption Pattern of Rural Labour in India: A study of Punjab. Journal of Economics &



Commerce. ISSN No.0976-9528, 2014.

Samandeep kaur, Surbhi Sharma & Seema ahiya. "Future of Organic Farming in Sustainable agriculture" Indian Journal of Economics and development vol 11 no 1 (319-324), 2015

**Kapoor, H. P. S.** and Jain, K. (2014) Distributional Properties of Curtate Future Lifetime. Journal of Probability and Statistical Science (accepted for publication).

**Kaur H,** Kumar S and Verma N. Enzyme-based Colorimetric and Potentiometric Biosensor for Detecting Pb (II) Ions in Milk. Brazilian Archives of Biology and technology 57(4): 613 – 619, 2014 (Impact factor 0.47)

Kirti, J.S., **Joshi, R.** and Singh, N. A new species of genus Teulisna Walker (Lepidoptera: Erebidæ: Arctiinae) from India. Acta Zoologica Cracoviensia, 57 (1): 11-19, 2014.

Kirti, J.S., **Joshi, R.** and Singh, N. First record of genus Neoduma Hampson (Lepidoptera: Erebidæ: Arctiinae) with a new species from India. Journal of Threatened Taxa. 6 (12): 6568-6570, 2014.

Kirti, J.S., **Joshi, R.,** Saxena, A. and Singh, N. 2014. Reporting of an unusual terminations of hind wing veins in Luxiaria amasa (Butler) (Lepidoptera: Geometridæ: Ennominae). Entomon 2014. (Accepted)

Kirti, J.S., Singh, N. and **Joshi, R.** A Checklist of Subfamily Arctiinae (Erebidæ: Noctuoidea: Lepidoptera) from India. Records of Zoological Survey of India. Occasional paper no 367: 1-76, 2014.

Kirti, J.S., Singh, N. and **Joshi, R.** A new species of genus Capissa Moore (Lepidoptera: Erebidæ: Arctiinae) from India. Annales Zoologici, 64 (1): 45-49. (ISSN:1734-1833) 2014 Impact Factor : 0.978

Kirti, J.S., Singh, N. and **Joshi, R.** Studies on External genitalia of Diduga albicosta Hampson (Arctiidae: Lithosiinae). Bionotes, 11 (6): 18-19, 2014. 2014.

Kirti, J.S., Singh, N. and **Joshi, R.** Taxonomic studies on three Caeneressa species (Lepidoptera: Syntomidae) from India. Animal Systematics, Evolution and Diversity, 30(1): 33-38, 2014 Impact factor: 0.122

Kirti, J.S., Singh, N. and **Joshi, R.** Two new genera of Lithosiini (Lepidoptera: Erebidæ: Arctiinae). Tinea, 23(1): 41-46. 2014.

Kirti, J.S., Singh, N. and **Saxena, A.** Studies on external genitalia of Tanaoctenia haliaria (Walker) (Geometridæ: Lepidoptera). Bionotes. 16(3): 88-89. 2014.

Kirti, J.S., Singh, N. and **Saxena, A.,** Studies on external male genital structures of type species of genus Vindusara Moore (Lepidoptera: Geometridæ: Ennominae). Ann. Ent. 2014 (Accepted)

Kirti J.S., **Saxena, A.** and Sing, N., Reporting of an unusual termination of hind wing veins in Luxiaria amasa. Entomology 2014(Accepted)

Kumud Joshi, " Potential hypolipidemic effects of Policosonol (Saccharum officinarum) in Hyperlipidemic Induced male albino rabbits," World Journal of Pharmacy and Pharmaceutical sciences, 4(1), 704-714, 2014.

Meenu and Neelam Joshi "Invitro Evalution of Soil Microbial Flora to the application of Triazophos ,Int j Ecol Env. Safty , 2014(Accepted)

Munruchi Kaur, **Harwinder Kaur** and Nazir Ahmad Malik. 2014. Genus Panaeolus: New records from India. Journal on New Biological Reports 3 (1): 52 – 59. 2014

**P. Singla.,** R. Mehta., D. Berek., S.N. Upadhyay. "Ring Opening Polymerization of Lactide in a Monomode Microwave using Stannous Octoate and Dibutyltin Dimethoxide Catalysts", Journal of Macromolecular Science, Pure and Applied Chemistry, A51(4): 2014.

**P. Singla.,** R. Mehta., S.N. Upadhyay. "Microwave Assisted In-situ Ring-opening Polymerization of Polylactide/Clay Nanocomposites: Effect of Clay Loading", Applied Clay Science 2014

**R. Samkaria** and V. Sharma, Effect of Y<sup>3+</sup> substitution on the structural, dielectric and electrical properties of nano sized ZnAl<sub>2</sub>O<sub>4</sub> spinel, Appl. Phys. A, 115: 697-704, 2014.

**Ram Sharn,** Spatial pattern of Non- Agricultural workers in Punjab International. Journal of Advanced research in Management and Social Sciences, 2014. Impact factor 4.4

**Rathor, V.S.,** Rasmussen, C., Saini, M.S. New record of the stingless bee Tetragonula gressitti from India (Hymenoptera: Apidae: Meliponini). Journal of Melittology, 7: 1–5. 2014.

**Rathor, Vikram S.** Secrets of Insects Successful Survival,

Science India Magazine, Jan-Feb Issue, 2014.

**Satnam Singh**, R.K. Roy, B. Mahato, M. Ghosh, A. Mitra and A.K. Panda, "Effect of Al incorporation for Co on the Gamma-Beta Phase boundary of Rapidly Solidified CoNiAl Ferromagnetic Shape Memory alloys". Journal of Magnetism and Magnetic Materials, 368: 378-383, 2014.

**Jumanpreet Kaur** : Research paper published in the International Journal of Computer Science and Mobile Computing (IJCSMC) "Design and Implementation of an Efficient Scheduling Algorithms for SOS Management in WiMax" volume 3, Issue on 7 July 2014

**Dr. Tejinder Singh** , "Cloud Computing: Un exemplified firmness of purpose of Java Technology as per Security vulnerabilities and cloud's user's Interaction on the Web on International Journal of Allied Practice. Page no 1-5, Vol-1(1) sept-20A ISSN-2350-1249, 2014.

Dr. Tejinder Singh, "The Hotspot Java Virtual Machine: palmary and Architecturein," International Journal of Allied Practice Research & Review. ISSN-2350-1294, Page No -60-64, Vol1(2), 2014.

Gatoria, G.S., Verma, R. and **Kumar, R.** , " Management of Apis mellifere colonies during monsoon and Autumn seasons, Bee Case: Kejriwal Rural Development Organisation, Greater Kailash: New Delhi, 2(3) : 21-30, 2014.

Gatoria, G.S., Verma, R. and **Kumar, R.** (2014), " Management of Apis mellifere Madhvivanshon ka Varsha Ritu Prbhand., Bee Case : Kejriwal Rural Development Organisation, Greater Kailash: New Delhi, 2(3) : 21-30, 2014.

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Payal Garg and **Er.Charandeep Singh Bedi**, "A Review on Question Generation System From Punjabi Text", International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 3, Issue 4, July-August, 2014.

Sakshi Goyal and **Er. Charandeep Singh Bedi**, "A review on SMS Text Normalization using Statistical Machine translation Approach" , International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 3, Issue 4, July-August, 2014.

O.P.Vinocha, J.S.Bhullar and **B.S. Brar**, "A Root-Finding Algorithm Under Generalised Transformation (RM Codes)", International Journal of Physics and Mathematical Sciences (JPMS), ISSN: 2277-2111, Vol. 4, 57-61, January-March, 2014.

O.P.Vinocha, J.S. Bhullar and **B.S. Brar**, "Covering Radius of RM codes", APRN Journal of Science and Technology (USA), Vol. 4, 3, March, 2014.

B.P. Garg and **Kanwaljeet Kaur**, "Transient Stress Wave Propagation in Non-homogeneous Seven-parameter Viscoelastic Filament," Journal of Rajasthan Academy of Physical Sciences 13(3&4), 235-249, 2014.

**Er Dinesh kumar**, Dr Jyoti Saxena and Er Neeraj Gill "Image Demising by using principle components analysis with LPG, International Journal of Computer Science and Software Engineering, 4(5), 478-83, 2014.

**Gaurav Bansal** and Jyoti Saxena " Hand Geometry Identification System using machine vision ", International Journal as Innovative Research in Electrical, Electronics, Instrumentation and conlsa Engineering, 2(10), 2014.

**Gaganjot Kaur** and Pearl Sahini, "A Novel approach for Blind measurement of blocking Artifacts in images' IJAEECA, Volume-2 Issue-2, May, 2014.

**Gaganjot Kaur** and Kamalpreet Singh, " A Novel approach to detect black hole attack in wireless sensor network" IJART, 2(6), 2014.

**Gaganjot Kaur** and Pearl Sahini, "Study of Various Filtering Techniques, Genetic Algorithm and Fuzzy Logic for Reducing Blocking Artifacts in Compressed Images, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 3(6), 2014.

**Gaganjot Kaur** and Khushdeep Singh, "Fingerprint Recognition Methods: A Review" IJECT 5(4), 2014.

**Hardeep Singh**, "Enhancement in divide conquer scheme to increase efficiency of network", International Journal of Research in Engineering and Technology, 3(4), July 2014.

**Hardeep Singh**, "To Increase the Network Life time by Using the Relay Nodes", International Journal of Advance Research in Electrical, Electronics and Instrument Engineering, 3(8), 2014.

**Hardeep Singh**, "Design and Simulation of Ka Band Circularly Polarised Conical Horn Antenna with High Directivity, High Gain, Low return losses, Good VSWR for radio astronomy and

Remote Sensing Application Using Ansoft HFSS", International Journal of Electronics and Communication Technology, 5(2), 263-265, 2014.

**Hardeep Singh**, "Design and Analysis of CMOS Multiplier at 180nm and 350 nm", International Journal of Science and Research, 3(9), 2014.

**Deepinder Singh** "Designing and Simulation of 15 to 20 GHZ Broadband Conical Horn antenna With High Gain ,Suppressed Side Lobes, Good VSWR, for Satellite and Space Communication Using Ansoft HFSS" International journal of Electronics & Communication Technology ( A unit of cosmic journals), 5(2) , VER.2 April to June-July, 2014.

**Deepinder Singh** "Text Confining and Extraction in Images Using Mathematical Morphology " International journal of Science &Research, Vol-3, Issue 6, June, 2014 .

**Deepinder Singh** "Study of Various Methods Used for Text Confining and Extraction from Image" in "International journal of Science &Research, Vol-3, Issue 9, September, 2014 .

**Deepinder Singh** "Design of Small Size Wide Bandwidth Microstrip patch antenna, National Seminar ,Trends & Innovations in Management , Engineering , Education & sciences -2014, 31 Oct -1 Nov 2014.

**Er Poonam Rani** and Jaya Sehgal, "Delay optimization in VANETS using ANT colony optimization and Wi-MAX," International Journal of Advanced Research Electrical & Instrument emergency, volume 3, Aug 2014.

**Poonam Arora** and Jaya Sehgal, "A survey paper on traffic congestion using VANETS "International Journal of Advanced Research in Computer Engg & Tech 3(9), pp 3291-3297, sept 2014.

**Poonam Arora** and Gagandeep Kaur, "To Reduce the Packet Collusion by using Adaptive Technique in WSN," International Journal at Advanced Research In Electrical Electronics & Instrument vol 3, Issue 8, Aug 2014.

**Poonam Arora** and Gagandeep Kaur , "Enhance the energy efficient by reducing packet collusion in WSN," international Journal of Science Research &

Technology IJSRET, 3(4), July 2014.

Shally, Harminder Singh Bindra and **Mamta Garg**, Performance Evaluation Of Rapid And Spray-And-Wait DTN Routing Protocols Under Black Hole Attack, International Journal of Research in Engineering and Technology, Volume 03, 35-40, Jan 2014.

Shilpy Bansal, **Mamta Garg**, Munish Kumar, A Technique for Offline Handwritten Character Recognition, International Journal of Computing and Technology, Volume 1, 210-215, March 2014.

Chandandeep Singh, **Ripandeep Singh**, Naveen Kumar, Effect of FSP Multipass on Microstructure and impact strength of AL6063, AIJRSTEM, 14-360, ISSN (print): 2328-3491, ISSN (online): 2328-3580, 2014.

**Ripandeep Singh**, Chandandeep Singh, Naveen Kumar and Jaimal Singh Khamba, Effect of FSP multipass on Microhardness and Rockwell hardness of AL6063., IJAS Volume 1, Issue: 3 (July 2014), ISSN: 2348-1560, 2014.

**Ripandeep Singh** and Chandandeep Singh, Influence Of Tool Pin Profiles On Mechanical Properties Of Fsp Processed Aluminium 6063, International Journal of Engineering, Business and Enterprises Applications (IJEBA) , ISSN (Print): 2279-0020 ISSN (Online): 2279-0039, 2014.

Preet Walia , Bharat Naresh Bansal and **Harleen Kaur**, Comparison on the Performance of Genetic Algorithm and Ant Colony Optimization for Solving the Travelling Salesman Problem, International Journal of Advanced Research in Computer Science and Software Engineering, Vol 4 Issue 2, 891-896, Feb 2014.

Satveer Singh and **Harleen Kaur**, Study on Different Lossless Image Compression Techniques, computer technology and applications, Vol 5 Issue 3, 1020-1026, May-June, 2014.

Satveer Singh and **Harleen Kaur**, Lossless Image Compression Using Hashing, International Journal of scientific research and management, Vol 2 Issue 7, 1107-1111, July 2014.

Abhishek Bansal and **Harleen Kaur** , Monitoring and Movement Detection of Patient Using Consecutive Frame Comparison Method, International Journal of scientific research and management, Vol 2 Issue 7, 1080-1082, July, 2014.

Abhishek Bansal and **Harleen Kaur**, Monitoring and Movement Detection Using Image Subtraction Method, International

Journal of Scientific Research and Development, Vol 2 Issue 10,222-225, Dec 2014.

Agriculture, Baba Farid College, Bathinda, on 20<sup>th</sup>-21<sup>st</sup> March, 2014, and published in the Proceedings of the conference.

**B.S. Brar** Attended and Presented research paper entitled: "Computer Science and Some Problems", in TEQIP-II Sponsored, National Conference, on "Upcoming Trends In Computer Science & Engineering", organised by Deptt. of Computer Science & Engineering and Deptt. of Computer Applications, GZS-PTU Campus, Bathinda, on 09<sup>th</sup> & 10<sup>th</sup> December, 2014, and published in the Abstract Book of the Conference.

**Babita Singla**, "E-Branding", Global Journal of Finance and Economic Management, Vol.IV, No. 1, 2014.

**Babita Singla**, "Shoes Retail Market –Branded vs Unbranded 'What's the Future?'", Global Journal of Management and Business Studies, Vol. IV, No. 1, 2014.

**Dr. Sonia**, "Institutional Assistance to Micro, Small and Medium Enterprises (MSMEs)", 'Sui Generis- An International Journal of Humanities & Social Sciences', Volume : III, Page-136-144, 2014.

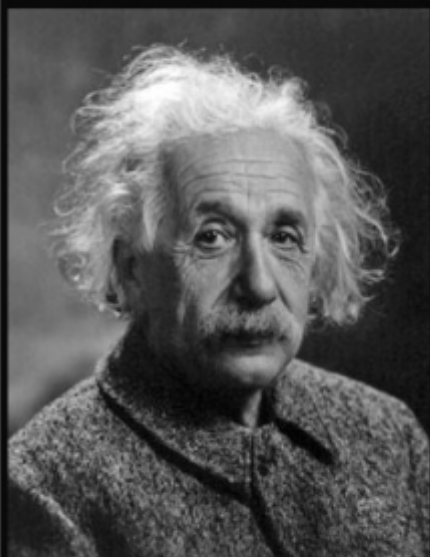
**Dr. Sonia**, "Regulatory Framework of Internet Stock Trading in India", 'Apex Research Journal of Information Technology & Management' Vol: II, Page: 21-28 2014.

**Sonia Baghla**, "Development of Small-Scale Industries in India", 'International Journal of Research', Vol: 4 (1), Page:19-23, 2014.

**Dr. Sonia**, "Micro, Small and Medium Enterprises (MSMEs): A Conceptual Framework", 'PUNJAB-Journal of Humanities & Social Sciences', Volume: IV, Page: 112-119, 2014.

**Dr. Sonia & Prof. Rajeev Kansal**, "Performance of MSMEs in Punjab", 'Indian Journal of Management', Volume: 18, 2014.

Joshi, R. Pest diversity of Arctiid moths (Lepidoptera: Erebidae: Arctiinae) from India. Proceedings of the International Conference on Crop productivity and Sustainability-Shaping the Future. Department of Agriculture, Baba Farid College, Bathinda. (BO-XVII):109-110.2014



If we knew what it was we were doing, it would not be called research, would it?

(Albert Einstein)



## PUBLICATIONS IN CONFERENCES

**Deepti Sharma**, Atinderpal Singh and Darshan Singh , Temporal Variation of aerosol characteristics and their impact on aerosol radiative forcing over Patiala, northwestern part of India, National Space Sciences Symposium, January 29- February 1, 2014, Dibrugarh University, Dibrugarh, India.

Atinderpal Singh, **Deepti Sharma** and Darshan Singh, Characterization and radiative impact of dust aerosols over Patiala, northwestern part of India: a case study during a severe dust storm , International Geosphere Biosphere Program Symposium , april 7, 2014, Bangalore.

**Jagat Pall** Published Research paper on the ethical Brand Positioning A tool for positioning in Conference on. Issue & perspective in Brand Management., 2014.

**Jagsir Singh** attended International Conference on Crop Productivity and sustainability-Shaping the Future held at Baba Farid College during March 20-21, 2014

**Dr Tejinder Singh**, "Cloud computing Trends, Technology and feature Directions," Published as proceeding in Conference on latest Trends in Management Commerce and Economics Published at Baba Farid College of Management & Technology , Bathinda, 2014.

Seema Ahuja, " characterization of CMC age under SSF," International Conference on Crop Productivity and sustainability-Shaping the Future held at Baba Farid College during March 20-21, 2014.

**Shivangi Saxsena** Characterization ,virulence potential and antibiogram of new isolates of S.aureus from dogs(healthy and infected cases)" at Punjab Science Congress, held at PTU 2014

**Wineet Chawla, Tamari Koley and S.S Bal** Concept of high density planting on fruit Crops Proceeding of International conference on Crop Productivity & Sustainability shaping the future. Baba Farid College, Bathinda, 222-234, 2014.

**Tamari Koley, Arvind Kumar Verma and Wineet Chawla**, Role of floriculture in sustainable

Development of Social-Economic Status of Indian Farma., Proceeding of International Conference Corp Production of Sustainability 310-315, 2014.

Parika Mangla and **HarleenKaur** , "A review of Gurmukhi Handwritten Text Segmentation for Broken and Touching Characters," International Multi Track Conference on Science, Engineering & technical Innovations,4(7), 442-444, 2014.

Parika Mangla and **HarleenKaur**, "An End Detection Algorithm for Isolated, Touching and Broken Characters in Gurmukhi Handwritten Script," 3rd International Conference on Reliability, Infocom technologies and Optimization (ICRITO) Technically Co-sponsored by IEEE, UP Section. 583-586 , 2014. (paper in conferences is ranked among top 5)

Preet Walia , Bharat Naresh Bansal and **HarleenKaur**, "Survey on Ant Colony Optimization as Computational Intelligence Technique", International Multi Track Conference on Science, Engineering & technical Innovations, 206-210, 2014.

Abhishek Bansal and **Harleen Kaur**, "A Review on Monitoring and Movement Detection System of Patient, Science, Engineering & technical Innovations," International Multi Track Conference on Science, Engineering & technical Innovations, 272-274, 2014.

**Kovid Sharma** , Impact of Thermal Spray Coatings in Combating Corrosive Degradation of Metals, Latest Developments in Materials, Manufacturing and Quality Control (MMQC-14), 13-14th February, 2014

**Gaganjot Kaur and Pearl Sahini**, "A New Receiver Diversity Integration Approach for 4GWireless Communication Based on Internet, International conference of advances in Computer science, Electronics and communication technologies, Bankok, , 5(1), 2014.

**Gaganjot Kaur** and Sakshi, "Comparative Analysis of different Image Compression Techniques, National Conference on Innovations in Engineering and Information Technology IEIT, 2014.

**Hardeep Singh**, "A Dual Band Patch Antenna for WLAN Communication,National Seminar,Trends & Innovations In Management, Engineering, Education & Sciences-2014, 31 Oct -1 Nov 2014.

**Anoop Monga** and Sukhpal singh,"Wear of Material-A Review", latest developments in material manufacturing and quality, 2014.

**Anoop Monga** and Lakhveer Singh,"Development of



multipurpose machining methods”, latest developments in material manufacturing and quality, 2014.

**Satnam Singh Sekhon** and Hazoor Singh, Effect of Heat Treatment on Wear Behavior of Hardfaced Steel, Research and Innovations in Mechanical Engineering, Lecture Notes in Mechanical Engineering 2014, pp 365-373, Date: 29 Apr 2014.

**Ankush Garg**, Sandhya Verma and Jagdeep Kaur, Branding Strategies in Retail Branding in India, international conference on Issues and Perspectives in Brand Management, Volume 2, 29, Feb 2014.

Authors:-Sandeep Verma, Jagdeep kaur from Amritsar

**Babita Singla**, Evolution of Green IT as a Brand – 'Need of the Hour, International conference on Issues and Perspectives in Brand Management, 978-93-84144-00-5, Volume-I, Page No. 21, 2014.

**Babita Singla**, Foreign Brands in Retail to 'Stay' or to 'Go' – People's Perception, international Conference on Issues and Perspectives in Brand Management, 978-93-84144-00-5, Volume-I, Page No. 15, 2014.

**Babita Singla**, Role of Social Media in Branding, International conference on Issues and Perspectives in Brand Management, Volume-II, Page No. 104, 2014.

**Deepinder Singh**, Politician as a Brand, international conference on Issues and Perspectives in Brand Management, Volume-II, Page No. 66, 2014.

**Ekta**, “Impact of Cyberspace on Brand Building.” in the proceeding's of International Conference on “Issues and Perspectives in Brand Management” at BFCMT, Bathinda, Page No. 5, Year 2014.

**Gurinder Singh**, “Promoting Brand through Channel Partners- The HDFC Way” International Conference on, Issues and Perspectives in Brand Management, 'Volume:II Page:58-61, 2014.

**Hardev Singh, Navneet & Harminder Singh**, “The Power of Internet in Brand Extension, Issues and Perspectives in Brand Management, Volume 32,34, Feb., 2014.

**Harmanjot Kaur**, A Study Of Affects Of Online Shopping On Consumer Buying Behaviour, National Conference On Trends And Issues In Product And Brand Management, 80, 2014.

**Harmanjot Kaur & Sanjay Sharma**, Brand Extension:

Aspects Of Consumer Decision Making, International Conference On Issues And Perspectives In Brand Management, Volume 2, 39, 2014.

**Jai Dhingra**, Indian unorganized retail sector; the heat of organized retail, Conference Proceedings Book , volume 1 , 8, Feb 2014

**Kuldeep Singh & Amandeep Kaur Sran, Shellyka Garg**, “A Study of consumer preference for pre-purchase of SUV with respect to any prevailing brand: with reference to Chandigarh region” Proceedings for International Conference on Issue and Prospects in Brand Management with ISBN number 978-93-84144-07-4, Volume 2, 14, 2014.

**Namandeep Kaur**, “Politician as a Brand”, International Conference on "Issues and prospective in Brand Management" with ISBN 978-93-84144-00-5, volume 2, 66, 2014.

**Abhiruchi Bansal, Navjot Rani & Manisha**, “Role of Celebrities in Advertisement”, 1st International Conference on Issues and Perspectives in Brand Management, Volume 2, 49, Feb., 2014.

**Neetu Singh**, “Indian unorganized retail sector-Heat of organized Retail”, 1st International Conference on Issues and Perspectives in Brand Management, Volume 1, 8, Feb., 2014.

**Niti Sharma, Sandeep kaur & Arjun Sharma**, “Brand Extension- A tool for FMCG Industries”, 1st International Conference on Issues and Perspectives in Brand Management, Volume 2, 1, Feb., 2014.

**Niti Sharma, Sandeep Kaur, Arjun Sharma & Baldeep Kamar** “Brand Loyalty Special Reference to Telecom Industry”, 1st International Conference on Issues and Perspectives in Brand Management, Volume 2, 5, Feb 2014.

**Parampal Singh**, “Event Management-A key Element Now days”, 1st International Conference on Issues and Perspectives in Brand Management, Volume 2, 25, Feb 2014.

**Parampal Singh & Parminder Singh Brar**, “Mobile Marketing with Specific Reference to Bathinda Region”, 1st International Conference on Issues and Perspectives in Brand Management, Volume 2, 55, Feb 2014.

**Randhir Grover**, multi objective reactive power planning using, international conference on Issues and Perspectives in Brand Management, Volume 2, 42, Feb 2014.

**Sachin Dev Sharma**, Impact of Personal Factors on Female Buying Behavior Towards Cosmetics in Malwa Region, international conference on Issues and Perspectives in Brand Management, 978-93-84144-00-5, 2014.

**Sakshi, Mr. Jagatpal & Surinder Kaur**, Ethical Brand Positioning: A new tool for distribution Positioning, international conference on Issues and Perspectives in Brand Management, Volume 2,46, 2014.

**Sandeep Arora**, "Living too Long- A Lucrative Opportunity for Retirement Funds", ' International Conference on Issues and Perspectives in Brand Management, 'Volume: I Page:1-4, 2014.

**Sandeep Arora**, "When in Rome, do as the Romans do"- Managing Cultural Diversity is a key to success", International Conference on Issues and Perspectives in Brand Management, 'Volume:II Page:21-24, 2014.

**Sandeep Kaur**, "Brand Loyalty Special Reference to Telecom Industry", 1st International Conference on Issues and Perspectives in Brand Management, Volume 2,5, Feb., 2014.

**Shellyka Garg**, "A Study of consumer preference for pre-purchase of SUV with respect to any prevailing brand :with reference to Chandigarh region",1st international Conference on Issues and Perspectives in brand management, Volume II,14, February, 2014.

**Saurav Bansal**, "For 'Information and Communication Technology' to deliver results; Think 'RURAL'; Brand 'RURAL'", 'Proceedings for 1sr International Conference on Issues and Perspectives in Brand Management, 'Volume : 1, Page:11-14, 2014.

## PRESENTATIONS IN CONFERENCES

**Gurpreet Singh** presented the paper titled " Problems and Solutions of Higher Education " in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014,

**Gurpreet Singh** presented the paper titled " Women Empowerment- A Challenge of 21<sup>st</sup> Century " in the National Seminar organised by Babe ke College of Education, Mudki on date 8<sup>th</sup> Feb, 2014 .

**Gurpreet Singh** presented the paper titled "

Technology in Classroom Teaching " in the National Seminar- Cum- Workshop organised by Asra College of Education , Rajpura on date 5<sup>th</sup> April, 2014.

**Gurpreet Singh** presented the paper titled " Role of Community in Inclusive Education " in the National Seminar organised by Rayat and Bahra College of Education , mohali on date 27<sup>th</sup> –28<sup>th</sup> March, 2014 .

**Jagjit Singh** presented the paper titled " Higher Education in India- Issues , Challenges and Suggestions " in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Jagjit Singh** presented the paper titled "Obstacles in the journey towards Women Empowerment " in the National Seminar organised by Babe ke College of Education , Mudki on date 8<sup>th</sup> Feb, 2014 .

**Jagjit Singh** presented the paper titled "Role of Community in Inclusive Education" in the National Seminar organised by Rayat and Bahra College of Education, Mohali on date 27-28 March, 2014.

**Jagjit Singh** presented the paper titled "Higher Education & Civil Society in 21<sup>st</sup> Century" in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

**Kulwinder Singh** presented the paper titled "Globalisation- Impact on Education" in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Kulwinder Singh** presented the paper titled " Obstacles in the Journey towards Women Empowerment " in the National Seminar organised by Babe ke College of Education , Mudki on date 8<sup>th</sup> Feb., 2014.

**Kulwinder Singh** presented the paper titled " Higher Education & Civil Society in 21<sup>st</sup> Century " in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

**Navkiran Kaur** presented the paper titled " Higher Education in India " in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Navkiran Kaur** presented the paper titled " Higher Education in India:- Issues, Challenges and Suggestions " in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

**Nirmaljit Kaur** presented the paper titled “ Higher Education in India- Issues, Challenges and Suggestions ” in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan., 2014.

**Nirmaljit Kaur** presented the paper titled “ Branding; Strategies and Challenges ” in the International Conference organised by Baba Farid College of Management & Technology, Bathinda on date 20<sup>th</sup>-22<sup>nd</sup> Feb., 2014.

**Nirmaljit Kaur** presented the paper titled “Challenges in the way of Universalisation of Education” in the National Seminar organised by Guru Nanak College of Education, Gopalgarh on date 7<sup>th</sup> March, 2014.

**Nirmaljit Kaur** presented the paper titled “ Inclusive Education- A New Approach ” in the National Seminar organised by Rayat and Bahra College of Education, Mohali on date 27<sup>th</sup> – 28<sup>th</sup> March, 2014.

**Nirmaljit Kaur** presented the paper titled “New Methodology in Teaching” in the National Seminar- Cum-Workshop organised by Asra College of Education , Rajpura on date 5<sup>th</sup> April, 2014.

**Nirmaljit Kaur** presented the paper titled “ RUSA- An Approach towards Development of Higher Education in India ” in the National Conference organised by Department of Education, Punjabi University, Patiala on date 15-16<sup>th</sup> October, 2014.

**Parwinder Singh** presented the paper titled “Inclusive Education- A New Approach” in the National Seminar organised by Rayat and Bahra College of Education, Mohali on date 27<sup>th</sup> – 28<sup>th</sup> March, 2014.

**Parwinder Singh** presented the paper titled “School Based Experiences in Teacher Education Programme” in the National Seminar- Cum- Workshop organised by Asra College of Education , Rajpura on date 5<sup>th</sup> April, 2014.

**Parwinder Singh** presented the paper titled “Role of ICT in Everyday Life ” in the Seminar organised by Rayat & Bahra College Of Education , Mohali on date 24<sup>th</sup> April, 2014.

**Ramandjeet Kaur Benewal** presented the paper titled “Problems and solutions of Higher Education” in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Ramandjeet Kaur Benewal** presented the paper titled “ *Branding: Strategies and Challenges* ” in the International Conference organised by Baba Farid College of Management & Technology, Bathinda on date 20<sup>th</sup> – 22<sup>nd</sup>

Feb., 2014.

**Ms. Ramandjeet Kaur Benewal** presented the paper titled “ New Methodology in Teaching ” in the National Seminar- Cum-Workshop organised by Asra College of Education , Rajpura on date 5<sup>th</sup> April, 2014.

**Ramandjeet Kaur Benewal** presented the paper titled “ *Problems and Solutions of Higher Education* ” in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

**Dr. N.L Sharma** from English Depat. had participated as delegate/ graced as resource person presented a paper titled Rurzalization to Globalization: A way to complete the global market in national Seminar on the topic ruralisation to Globalization “Challenging and changing trends in higher Education” organized by M.M.D DAV College, Giddarbaha sri Muktsar Sahib (Punjab) on 21 Jan., 2014.

**Amit Saurabh** presented the paper titled Effect of different training systems, spacings and fertigation levels on yield and quality of bell pepper under protected conditions in mid hills of Himachal Pradesh in the conference organised by BFGI on dated March 20-21, 2014.

**Rakesh Kumar** presented the paper titled “Ant Biodiversity and its Relationship to Ecosystem” in the Proceeding of International conference on Crop Productivity & Sustainability shaping the future organized by Baba Farid College, Bathinda, 20- 21 March, 2014.

**Harmanpreet Singh** presented the paper titled “Ageing Properties of Curtate Future Lifetime” at Chandigarh Science Congress, organized by Panjab University 2014.

**Harpinder Kaur** presented the paper titled "Food Security"" in National Level Seminar by in 2014

**Harpinder Kaur** presented the paper titled "Widening Eco-disparties in Rural India at National Level Seminar organised by , 2014

**Harwinder Kaur** presented the paper titled New Records of Genus Psathyrella (Fr.) Quél. from India. National Symposium on Emerging trends- in Botanical Sciences organized by Botany Department, Punjabi University, Patiala. February 17-18, 2014.

**Harwinder Kaur** presented the paper titled Species of Genus Agaricus L.: Fr.- New to Science. The 8th International Conference on Mushroom Biology and Mushroom Products organized by WSMBMP, the Directorate of Mushroom Research, and the Mushroom Society of India, Solan from November 19-22, 2014.



**Lakhvir Singh** presented the paper titled “Human rights education for youth” organized by Babe Ke College of Education Daudhar , Moga, 22 Nov 2014.

**Lakhvir Singh** presented the paper titled “Youth environment education and future” organized by , Babe Ke College of Education Daudhar, Moga, 14 May 2014.

**Meenakshi** presented the paper titled Human Rights Education: Human Rights Education For Youth Presented at National Seminar on the theme Human Rights Education: A quest in Human Identity organized at Moga, 2014.

**Pardeep Kaura** presented the paper titled ਭਗਤ ਸਿੰਘ ਦੀ ਵਿਚਾਰਧਾਰਾ ਦਾ ਰਾਜਨੀਤਕ ਪਰਿਪੇਖ (ਨਾਟਕ : ਭਗਤ ਸਿੰਘ ਸਹੀਦ ਤਿਉਹਾਰ ਦੇ ਸੰਬੰਧ ਵਿੱਚ) held at Delhi University 2014.

**Parveen Rani** presented the paper titled Role of Education & Teachers at National Level Seminar on Human Rights Education, held at Baba ke college of education Daudhar, Moga, 2014.

**Ram Sharn** presented the paper entitled Spatial temporal change in agriculture productivity in Punjab at International conference on Crop productivity & sustainability shaping the future organized by Baba Farid College, Bathinda.

**Ram Sharn** presented the paper entitled Status Of Elderly Analysis Of Lal Singh Nagar, Bathinda at 36<sup>th</sup> Indian Geography Congress, Jaipur . Urban Systems , Rural Lively Hoods Security And Resource Management. 2014.

**Dr Jagminder Kaur** presented a paper on theme “ Punjabi Natka Vich Nari Di Trasdi “ in 4<sup>th</sup> World Punjabi Literary Conference Organized by Punjabi Literature Dept .Punjabi University, Patiala in 2014. It has been published in monthly magazine named Lohmami .

**Dr. Jagminder kaur** presented a paper on theme “Gadar Toh Kamagatamaru Tak : Komi Birtant” in 47<sup>th</sup> Punjab History Conference in 2015 Organized by Dept of Punjabi historical Studies, Punjabi University Patiala.

**Dr Jagminder Kaur** presented a research paper on “vatavaran Prabandhan: Lorsh Vilrin Pehlu te Teeche” in two day National Seminar on Education for

sustainable Development organised by Department of Education, Punjabi University, Patiala, Regional Center Bathinda.

**Dr. Satpreet Singh Jassal** presented a paper titled “pendu Sikhya Nu Ameeri Da Darja Den Vishvikharan Da Yogdan” In the National Seminar organised by M.M.D DAV college, Giddarbaha, Sri Muktsar Sahib 21-Jan.-2014.

**Dr. Satpreet Singh Jassal** presented a paper on the theme “Avtar Rode De Novel “ talishda Chihin Parpandh” in 4<sup>th</sup> World Punjabi Literary Conference organised by Punjabi Literature Dept Punjabi University Patiala 2014.

**Dr. Satpreet Singh Jassal** presented a paper on the theme “Sant Singh Sekhan de Itihasik Novel Varis Da Chahin Vigyan “ in National Seminar at Guru Gobind Singh Girls College, Giddarabaha.

**Dr. Satpreet Singh Jassal** presented the paper Titled “Desh Vand Nall Sambandit Punjabi Natak: Mitha Pani Da Chihan Vigayn” in Punjab History Conference at Punjabi University Patiala 2014.

**Rahul Joshi** presented the paper at the International Conference on Entomology organised by Department of Zoology and Environmental Sciences, Punjabi University, Patiala on dated February 21-23, 2014.

**Rahul Joshi** presented the paper at the international conference Crop Productivity and Sustainability-Shaping the future in the International Conference organized by Department of Agriculture, BFC on dated March 20-21, 2014.

**Sukhpreet Singh** presented the paper titled Religious Minorities and Cultural Assimilation in India, at 36<sup>th</sup> Indian Geography Congress organized by National Association of Geographers, India (NAGI) Dec., 2014.

**Vivek Sharma** presented the paper titled at National Seminar on Mastering in Molecules to Materials (M3) organized by National Institute of Technology Kurukshetra ,Haryana 2014.

**Vivek Sharma** presented the paper titled at National Seminar on Recent Trends in chemical science organized by A.P.S University Rewa (M.P.) 2014.

**Samandeep Kaur** Presented the paper titled “Future of Organic Farming in Sustainable Agriculture” at 2<sup>nd</sup> National Conference seminar on Sustainable Agricultural Development, Ludhiana on Dated March 3, 2015.

**Bikesh Yadav, Ramji Singh, Wineet Chawla & G.S Gutoria** Role

of Micronutrient in Controlling plant Disease in Sustainable Agriculture : Presented the paper International Conference on Crop Productivity & Sustainability , shaping the future Baba Farid College Bathinda dated 20, 21-march, 2014.

**Harpal Singh, Bhupinder Dutt, Wineet Chawla & Jagsir Singh** Economic & Remedial used of medicinal plants presenting paper in International Conference on Crop Productivity & Sustainability , shaping the future Baba Farid College Bathinda dated 20,21-march, 2014.

**Meenakshi** presented the paper at Crop productivity & sustainability shaping the future in International conference on Crop Productivity & Sustainability , shaping the future Baba Farid College Bathinda dated 20,21-march 2014.

**Ram Sharan** presented the paper titled, "Special Temporal change in agricultural productivity in Punjab," at International conference on Crop productivity and sustainability shaping the future organized by BFGI, 2014.

**Balwinder Singh Brar**, Attended and Presented research paper entitled: "Some Problems Concerning Sustainability of Agriculture", in International Conference on "Crop Productivity & Sustainability-Shaping The Future", organised by Deptt. of Agriculture, Baba Farid College, Bathinda, on 20<sup>th</sup>-21<sup>st</sup> March, 2014, and published in the Proceedings of the conference.

**Balwinder Singh** Attended and Presented research paper entitled: "Computer Science and Some Problems", in TEQIP-II Sponsored, National Conference, on "Upcoming Trends In Computer Science & Engineering", organised by Deptt. of Computer Science & Engineering and Deptt. of Computer Applications, GZS-PTU Campus, Bathinda, on 09<sup>th</sup> & 10<sup>th</sup> December, 2014 and published in the Abstract Book of the Conference.

**Dr. Sonia Baghla** presented the paper title, "Spirituality Thoughts of Swami Vivekanand for Economic Development", in National Seminar on "Economic Thoughts of Swami Vivekanand : Contemporary issues" organized by R.S.D. College, Ferozepur on dated 12 January, 2014.

**Dr. Sonia Baghla** presented the paper title, "Performance of MSMEs in Punjab: A District-Wise Analysis", in National Seminar on "National Seminar on "MSMEs in Punjab: Opportunities & Challenges" organized by S.S.D. Girl's College, Bathinda on dated 15 March, 2014.

**Aman Dhariwal** presented the paper titled Role of E-

Learning in a Developing Country Like India in a National Seminar on Innovative Trends in information & Communication Technology organised by Dept. of Computer Science & Applications at M.M. P.G.College, Fatehabad on 29.03.2014.

**Mr. Gurpreet Singh** presented the paper titled " Problems and Solutions of Higher Education " in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014,

**Mr. Gurpreet Singh** presented the paper titled " Women Empowerment- A Challenge of 21<sup>st</sup> Century " in the National Seminar organised by Babe ke College of Education , Mudki on date 8<sup>th</sup> Feb, 2014 .

**Mr. Gurpreet Singh** presented the paper titled "Technology in Classroom Teaching" in the National Seminar- Cum- Workshop organised by Asra College of Education, Rajpura on date 5<sup>th</sup> April, 2014.

Mr. Gurpreet Singh presented the paper titled "Role of Community in Inclusive Education" in the National Seminar organised by Rayat and Bahra College of Education , mohali on date 27<sup>th</sup> – 28<sup>th</sup> March, 2014 .

**Mr. Jagjit Singh** presented the paper titled "Higher Education in India- Issues , Challenges and Suggestions" in the National Seminar organised by M.M.D. DAV College, Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Mr. Jagjit Singh** presented the paper titled "Obstacles in the journey towards Women Empowerment" in the National Seminar organised by Babe ke College of Education , Mudki on date 8<sup>th</sup> Feb, 2014.

**Mr. Jagjit Singh** presented the paper titled "Role of Community in Inclusive Education" in the National Seminar organised by Rayat and Bahra College of Education, Mohali on date 27-28 March, 2014.

**Mr. Jagjit Singh** presented the paper titled "Higher Education & Civil Society in 21<sup>st</sup> Century" in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

**Mr. Kulwinder Singh** presented the paper titled "Globalisation- Impact on Education " in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Mr. Kulwinder Singh** presented the paper titled " Obstacles in the Journey towards Women Empowerment " in the National Seminar organised by Babe ke College of Education , Mudki on

date 8<sup>th</sup> Feb, 2014.

**Mr. Kulwinder Singh** presented the paper titled “ Higher Education & Civil Society in 21<sup>st</sup> Century ” in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

**Ms. Navkiran Kaur** presented the paper titled “ Higher Education in India ” in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Ms. Navkiran Kaur** presented the paper titled “ Higher Education In india:- Issues ,Challenges and Suggestions ” in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

**Ms. Nirmaljit Kaur** presented the paper titled “ Higher Education in India- Issues, Challenges and Suggestions ” in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Ms. Nirmaljit Kaur** presented the paper titled “ Branding; Strategies and Challenges ” in the International Conference organised by Baba Farid College of Management & Technology, Bathinda on date 20<sup>th</sup> – 22<sup>nd</sup> Feb, 2014.

**Ms. Nirmaljit Kaur** presented the paper titled “ Challenges in the way of Universalisation of Education ” in the National Seminar organised by Guru Nanak College of Education , Gopalgargh on date 7<sup>th</sup> March, 2014,

**Ms. Nirmaljit Kaur** presented the paper titled “ Inclusive Education- A New Approach ” in the National Seminar organised by Rayat and Bahra College of Education, Mohali on date 27<sup>th</sup> – 28<sup>th</sup> March, 2014.

**Ms. Nirmaljit Kaur** presented the paper titled “ New Methodology in Teaching ” in the National Seminar- Cum- Workshop organised by Asra College of Education , Rajpura on date 5<sup>th</sup> April, 2014.

**Ms. Nirmaljit Kaur** presented the paper titled “ RUSA- An Approach towards Development of Higher Education in India ” in the National Conference organised by Department of Education, Punjabi University, Patiala on date 15-16<sup>th</sup> October, 2014.

**Mr. Parwinder Singh** presented the paper titled “ Inclusive Education- A New Approach ” in the National Seminar organised by Rayat and Bahra College of Education, Mohali on date 27<sup>th</sup> – 28<sup>th</sup> March, 2014.

**Mr. Parwinder Singh** presented the paper titled “ School Based Experiences in Teacher Education Programme ” in the National Seminar- Cum- Workshop organised by Asra College of Education , Rajpura on date 5<sup>th</sup> April, 2014.

**Mr. Parwinder Singh** presented the paper titled “ Role of ICT in Everyday Life ” in the Seminar organised by Rayat & Bahra College Of Education , Mohali on date 24<sup>th</sup> April, 2014.

**Ms. Ramandjeet Kaur Benewal** presented the paper titled “Problems and solutions of Higher Education” in the National Seminar organised by M.M.D. DAV College , Giddarbaha on date 21<sup>st</sup> Jan, 2014.

**Ms. Ramandjeet Kaur Benewal** presented the paper titled “Branding: Strategies and Challenges” in the International Conference organised by Baba Farid College of Management & Technology, Bathinda on date 20<sup>th</sup> – 22<sup>nd</sup> Feb, 2014.

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**Ms. Ramandjeet Kaur Benewal** presented the paper titled “Problems and Solutions of Higher Education” in the National Conference organised by department of education Punjabi University, Patiala on date 14-15<sup>th</sup> October, 2014.

## BOOK CHAPTERS/ BOOKS PUBLISHED

Green education a blue print for survival written by Lakhwinder Singh in the year 2014. ISBN No 978-93-8014-556-3

Proceeding of International Conference on Crop Productivity & Sustainability shaping the future in the year 2014 ISBN-978-81-9071-4563, edited by G.S Mahal and Wineet Chawala., March 2014.

Chapter titled “Human Right Education for Youth In” Human rights education-A Quest in Human identity” written by Lakhvir Singh and Meenakshi in the year 2014. ISBN No 978-81-89463-67-0



**Babita Singla**, "Contract manufacturing" 'Latest Trends in Mgt, Commerce & Economics, Edited by Manish Bansal and BabitaSingla page 72,2014

**Saurav Bansal**, "Hawkers: The Real Examples of Entrepreneurs", 'Latest Trends in Management, Commerce & Economics', Edited by Dr. Manish Bansal and Babita Singla, Page: 86-89, 2014.

**Dr. Sonia** "Performance of MSMEs in Punjab- A District-wise Analysis", 'MSMEs IN PUNJAB Opportunities & Challenges', Edited by Dr. Parminder Kaur Tanghi and Dr. NeeruGarg Page: 80-91, 2014.

**Dr. Sonia** " Schemes and Programmes of MSMEs in India", 'EMERGING ISSUES IN BUSINESS', Edited by Bikramjit Singh and Shaminderkaur has been published by Mata Gujri College, Fatehgarh Sahib, Page: 1-16, 2014.

## FACULTY DEVELOPMENT PROGRAMME

**Manan Chahal** , Attended short term course on Open Source Technology through ICT at BFCET Bby NITTTR from 21-07-2014 to 25-07-2014

**Ms. Seem Ahiye Joshi** attended "Special winter School" at Guru Nanak University , Amritsar from 12-Dec-2014 to 01-jan-2015

**Dr. Pardeep Kaura and Dr. Satpreet** also attended Courses at Punjabi University Patiala.

**Harpreet Kaur** : FDP attended on" Computer Networking with CCNA through ICT" at NITTTR, Chandigarh from 16/05/2014 to 23/05/2014.

**Ramanpreet Kaur** : FDP attended on " Open Source Technology" at NITTTR Chandigarh from 21-07-14 to 25-07-14

**Gurkamal Bhullar** : FDP attended on " Open Source Technology" at NITTTR Chandigarh from 21-07-14 to 25-07-14

**Amandeep Kaur**: Attended two Days workshop on Network Security and Implementation at BFC, Bathinda on 10-11 April 2014

**Kanwaldeep Kaur** : Attended short term Course on Networking with CCNA through ICT at BFCET by NITTTR from 21-7-2014 to 25-07-2014

**Gagandeep Singh** Attended short term course on Open Source Technology through ICT at BFCET Bby NITTTR from 21-07-2014 to 25-07-2014

**Ravinder Singh** attended two days workshop on Network Implementation and Security at BFC on 10-11 April 2014

**Satinder Kaur** attended short term Course on ASP at NITTTR, Chandigarh from 17-11-14 to 21-11-14

**Ravinder Singh** attended STC on Instruction Planning and Delivery through ICT at BFCMT from 19-05-14 to 23-05-14

**Kulbir Kaur** attended STC on ASP.NET at NITTTR from 17-11-14 to 21-11-14

**Kulbir Kaur** : attended two days workshop on Network Security and Implementation at BFC Bathinda on 10-11 April 2014

**Veerpal Kaur** attended two days workshop on Network Security and Implementation at BFC Bathinda on 10-11 April 2014

**Navpreet Kaur** Attended STC on Instruction Planning and Delivery through ICT at BFCMT from 19-05-14 to 23-05-14

**Navpreet Kaur** Attended two days workshop on Network Security and Implementation at BFC Bathinda on 10-11 April

**Er. Navdeep Kochhor** Attended two days workshop on Network Security and Implementation at BFC Bathinda on 10-11 April

**Er. Gurpreet Singh** Attended short term course on Open Source Technology through ICT at BFCET Bby NITTTR from 21-07-2014 to 25-07-2014.

**Er. Gurpreet Singh** Attended FDP on Spoken Tutorial based training at BFGI on May, 2014.

**Dr. Tajinder Singh** Attended one week workshop at sri Guru Granth Sahib World Uni. From 18-12-14 to 24-12-14.

**Mukesh Kumar** Attended International Conference on Punjabi Language Development at Punjabi University Patiala from 21-01-2014 to 23-01-2014

**Amandeep Singh** Attended Cryptographic Research (Indocrypt 2014) by Cryptographic Research Society of India (CRSI) from 14-12-14 to 17-12-14

**Charandeep Singh** Dept. CSE attended a five day FDP on "Open Source Technologies" sponsored by NITTR, Chandigarh, held at Baba Farid College of Engineering & Technology ,Bathinda. 21-

7-14 to 25-7-14.

**Prof. B.S.Brar**, Department of Applied Sciences Attended Faculty Development Programme on “Spoken Tutorial based Software Training”, organized by Baba Farid Group of Institutions in collaboration with the Spoken Tutorial Project, IIT, Bombay, at BFGI Campus, Bathinda on 15<sup>th</sup> May, 2014.

**Prof. B.S.Brar**, Department of Applied Sciences Attended One Week Faculty Development Programme on “Coding Theory & Its Applications” at Malout Institute of Management and Information Technology, Malout (MIMIT) (Punjab), from 23<sup>rd</sup> – 27<sup>th</sup> June, 2014.

**Deepinder Singh**, faculty of department of ECE attended a Five Days FDP on present trends in Antenna Design Organized by PTU at Gurukul Vidyapeth of Engineering & technology from 16<sup>th</sup> -20<sup>th</sup> June, 2014.

**Dr. Manish Gupta**, Department of Applied Sciences Attended Faculty Development Programme Introduction to Labview & its Applications in Digital Processing Sponsored by Indian Society for Technical Education & Punjab Technical University, Jalandhar, at MIMIT Malout, 16-20 June, 2014.

**Hardeep Singh** Department of ECE Attended Faculty Development Programme on Recent Trends in Computing and Communication at BFCET, BTI.

**Hardeep Singh** Department of ECE Attended Faculty Development Programme on Intr. to Matlab & its application in Engg. at MIMIT, Malout.

**Hardeep Singh** Department of ECE Attended Faculty Development Programme on Digital Image Processing at MIMIT, Malout.

**Hardeep Singh** Department of ECE Attended Faculty Development Programme on Open Source Technology through ICT, NITTTR Chandigarh.

**Hardeep Singh** Department of ECE Attended Faculty Development Programme on How to make teaching more effective, at DBIEM, Moga.

**Gourav Bansal**, faculty of Department of ECE attended Faculty Development Programme on Introduction to LAB VIEW & Its Applications in the Field of Digital Signal Processing by ISTE & PTU

JALANDHAR at MIMIT MALOUT , 16.05.2014 To 20.05.2014.

**Gourav Bansal**, faculty of Department of ECE attended One Week Faculty Development Programme on "Coding Theory & Its Applications" at Malout Institute of Management and Information Technology, Malout (MIMIT) (Punjab), from 23<sup>rd</sup> – 27<sup>th</sup> June, 2014.

**Dr. Meenakshi S Arya** faculty of Department of Computer Science attended FDP on “Open Source Technologies through ICT” at BFCET, Bathinda in July, 2014.

**Er. Kovid Sharma** Department of mechanical Engineering attended Faculty development Programme on Automotive Technologies organised by Gulzar college of Engineering, sponsored by ISTE, New Delhi and PTU Jalandhar at GGI Khanna, July, 2014.

**Prof. B.S.Brar**, faculty of Department of Applied Sciences attended 3<sup>rd</sup> International Conference on “Human Values in Higher Education”, jointly organised by IIT (BHU)-Varanasi, PTU-Jalandhar, IIT-Hyderabad, and Royal University of Bhutan at Punjab Technical University, Jalandhar Campus, 28<sup>th</sup> Febuary-2<sup>nd</sup> March, 2014.

**Prof. B.S.Brar**, Department of Applied Sciences Attended Short Term Course on “Instructional Training Programme”, organised by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh at BFGI Campus, Bathinda, on 19<sup>th</sup>-23<sup>rd</sup> May 2014.

**Dr. Manish Gupta**, Department of Applied Sciences Attended Short Term Course on Instructional Planning Delivery (Module II: Instructional Delivery) through ICT by National Institute of Technical Teachers Training and Research, Chandigarh at Baba Farid College of Management & Technology, Bathinda , 19-23, May 2014.

**Dr. Manish Gupta**, Department of Applied Sciences Attended Short Term Course on Open Source Technologies through ICT by National Institute of Technical Teachers Training and Research, Chandigarh at Baba Farid College of Engineering & Technology 21-25 July 2014

**Hardeep Singh** Department of ECE Attended 5 days workshop conducted by NITCON at Bathinda.

**Hardeep Singh** Department of ECE Attended 5 days workshop Mission10X conducted by Wipro at SUSCET Tangori.

**Er. Kovid Sharma** Department of ME Organized and Attended LATEX Workshop under Spoken Tutorial Project, Developed at IIT Bombay, funded by NMEICT, MHRD, Govt. of India At BFCET,

Deon, Bathinda, 15 May, 2014.

**Ankush Garg**, B.com., Baba Farid College attended a Faculty Development Programme on Spoken Tutorial based Software Training organized by Baba Farid Group of Institutions in collaboration with IIT Bombay at Baba Farid Group of Institutions in May, 2014.

**Ashish Gupta**, B.com., attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15-19 Dec, 2014.

**Babita Singla**, BFCMT attended a Faculty Development Programme on Latex Software organized by IIT, Bombay at Baba Farid Group of Institutions, Bathinda on May 15th, 2014.

**Babita Singla**, BFCMT attended a Faculty Development Programme on Instructional Delivery (Module II) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 19 – 23 May, 2014.

**Babita Singla**, BFCMT attended a Faculty Development Programme on Communication Skills (Module IV) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 23 – 27 June, 2014.

**Babita Singla**, BFCMT attended a Faculty Development Programme on Open Sources Technologies organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 21-25 July, 2014.

**Babita Singla**, BFCMT attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15-19 Dec, 2014.

**Deepinder Singh**, BFCMT attended a Faculty Development Programme on Latex Software organized by IIT, Bombay at Baba Farid Group of Institutions, Bathinda on May 15th, 2014.

**Deepinder Singh**, BFCMT attended a Faculty Development Programme on Instructional Delivery (Module II) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 19 – 23 May, 2014.

**Deepinder Singh**, BFCMT attended a Faculty Development Programme on Communication Skills (Module IV)

organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 23 – 27 June, 2014.

**Deepinder Singh**, BFCMT attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15-19 Dec, 2014.

**Ekta**, BBA, BFC attended a Short term course on “Instructional Planning & Delivery (Module IV: Communication Skills through ICT) at BFCMT, Bathinda at 23-6-2014 to 27-6-2014 conducted by NITTTR, Chandigarh.

**Ekta**, BBA, BFC attended a Short term course on “Instructional Planning & Delivery (Module II: Instructional Planning & Delivery through ICT) at BFCMT, Bathinda at 19-5-2014 to 23-5-2014 conducted by NITTTR, Chandigarh.

**Gagandeep Kaur**, Bcom., attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Harminder Singh**, Bcom., attended a Faculty Development Programme on Latex Software organized by IIT, Bombay at Baba Farid Group of Institutions, Bathinda on May 15th, 2014.

**Harminder Singh**, Bcom., attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Jatinder Kaur**, B.com. , attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Jia Dhingra**, BBA 1st Year Department, Baba Farid College of Management & Technology Bathinda attended a Faculty Development Programme on Instructional Planning & Delivery organized by NITTTR at Baba Farid College of Management and Technology, Bathinda from 19-05-2014 to 23-05-2014.

**Jia Dhingra**, BBA 1<sup>st</sup> Year Department, Baba Farid College of Management & Technology Bathinda, Attended a Faculty Development Program on Spoken Tutorial based software training organized by Baba Farid Group of Institutions in collaboration with IIT Bombay at Baba Farid Group of Institutions in May, 2014.

**Kuldeep Singh**, BBA 1<sup>st</sup> year Department, Baba Farid College of Management & Technology Bathinda attended a Faculty



Development Programme on Instructional Planning & Delivery organized by NITTTR at Baba Farid College of Management and Technology, Bathinda from 19.05.2014 to 23.05.2014.

**Manisha**, BBA 2<sup>nd</sup> & 3<sup>rd</sup> Year Department, Baba Farid College, attended a Faculty Development Program on Spoken Tutorial based software training organized by Baba Farid Group of Institutions in collaboration with IIT Bombay at Baba Farid Group of Institutions in May, 2014.

**Navjot Rani**, BBA 2<sup>nd</sup> & 3<sup>rd</sup> Year Department, Baba Farid College attended a Faculty Development Programme on Instructional Planning & Delivery organized by NITTTR at Baba Farid College of Management and Technology, Bathinda from 19.05.2014 to 23.05.2014.

**Neetu Singh**, BBA 2<sup>nd</sup> & 3<sup>rd</sup> Year Department, Baba Farid College of Management & Technology attended a Faculty Development Programme on Instructional Planning & Delivery organized by NITTTR at Baba Farid College of Management and Technology, Bathinda from 19.05.2014 to 23.05.2014.

**Neetu Singh**, BBA 2<sup>nd</sup> & 3<sup>rd</sup> Year Department, Baba Farid College of Management & Technology, Attended a Faculty Development Program on Spoken Tutorial based software training organized by Baba Farid Group of Institutions in collaboration with IIT Bombay at Baba Farid Group of Institutions in May, 2014.

**Parminder Singh Brar**, B.com, Baba Farid College attended a Faculty Development Programme on Spoken Tutorial based Software Training organized by Baba Farid Group of Institutions in collaboration with IIT Bombay at Baba Farid Group of Institutions in May, 2014.

**Parminder Singh Brar**, B.com attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Randhir Grover**, B.com., attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Sachin Dev**, BFCMT attended a Faculty Development

Programme on Latex Software organized by IIT, Bombay at Baba Farid Group of Institutions, Bathinda on May 15th, 2014.

**Sachin Dev**, BFCMT attended a Faculty Development Programme on Instructional Delivery (Module II) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 19 – 23 May, 2014.

**Sachin Dev**, BFCMT attended a Faculty Development Programme on Communication Skills (Module IV) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 23 – 27 June, 2014.

**Sachin Dev**, BFCMT attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Sakshi**, B.Com. attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Sandeep Arora**, Department of MBA & M.COM, attended a Faculty Development Programmed on “Instructional Planning Module I” organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology on dated 15<sup>th</sup> Dec to 19<sup>th</sup> Dec 2014 (5 days).

**Sandeep Arora**, Department of MBA & M.COM, attended a Faculty Development Programmed on “Instructional Planning and Delivery Module II” organized by NITTTR, Chandigarh at Module II, Bathinda on dated 19<sup>th</sup> May to 23<sup>rd</sup> May, 2014 (5 days).

**Sanjay Sharma**, B.com., attended a Faculty Development Programme on Spoken Tutorial based Software Training organized by Baba Farid Group of Institutions in collaboration with IIT Bombay at Baba Farid Group of Institutions in May, 2014.

**Sanjay Sharma**, B.com., attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTR, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Saurav Bansal**, Department of MBA & M.COM, attended a Faculty Development Programmed on “Instructional Planning Module I” organized by NITTTR at Baba Farid College of Management & Technology, Bathinda on dated 15<sup>th</sup> Dec to 19<sup>th</sup> Dec 2014 (5 days).

**Saurav Bansal**, Department of MBA & M.COM, attended a Faculty Development Programmed on “Instructional Planning and Delivery” organized by NITTTT at Baba Farid College of Management & Technology, Bathinda on dated 19<sup>th</sup> May to 23<sup>rd</sup> May, 2014 (5 days).

**Saurav Bansal**, Department of MBA & M.COM, attended a Faculty Development Programmed on “Spoken Tutorial Based Software Training” organized by Baba Farid Group of Institutions” at Baba Farid Group of Institutions, Bathinda on dated 15<sup>th</sup> June, 2014 (1 days).

**Shellyka Garg**, BBA 1<sup>st</sup> & PGDIB Department, Baba Farid College of Management & Technology attended a Faculty Development Programme Instructional Planning & Delivery organized by NITTER at Baba Farid College of Management and Technology, Bathinda from 23.06.2014 to 27.06.2014

**Dr. Sonia**, Department of MBA & M.COM, attended a Faculty Development Programmed on “Instructional Planning Module I organized by NITTTT by Baba Farid College of Management & Technology, Bathinda on dated 15<sup>th</sup> Dec to 19<sup>th</sup> Dec 2014 (5 days).

**Sukhdeep Kaur**, Bcom., attended a Faculty Development Programme on Instructional Planning (Module I) organized by NITTTT, Chandigarh at Baba Farid College of Management & Technology, Bathinda on 15 – 19 Dec, 2014.

**Surinder Singh**, BBA 1<sup>st</sup> year Department, Baba Farid College of Management & Technology Bathinda “INSTRUCTIONAL PLANNING AND DELIVERY THROUGH ICT” organized by NITTTT, Chd at Baba Farid College of Management and Technology, Bathinda during 19-5-14 to 23-5-14.

**Surinder Singh** attended the one day work shop on “Faculty Development programme on Spoken Tutorial based Software Training” organized by BFCMT in collaboration with IIT, Bombay on May 15<sup>th</sup> 2014.

## EXPERT LECTURE/ INVITED TALK/ KEYNOTE DELIVERED

attended “Human Right Education : Role of Education and Teacher” in National Seminar Organized by Babe Ke College of Education Daudhar, Moga on 22-Nov -2014, with ISBN no-978-93-8014-5563

**Dr N.L Sharma** delivered expert lecture on “Problem of Communication in Technical Fields” on 10-03-2014.

Gourav Kumar Department of ECE delivered an expert lecture on topic “ A/D and D/A converters” in digital electronics to B.C.A 1<sup>st</sup> year at Baba Farid College on 18 April, 2014.

## PATENTS GRANTED/ FILED

Standard with Dry and Wet conditions as parameters along with parameters such as Load, Distance, Friction, Mass Loss and Speed. The set-up has been recommended for patent and has been applied for the same at Delhi Office of Intellectual Property India, Controller General of Patents, Designs and Trademarks, Department of Industrial Policy and Promotion under the patronage of Ministry of Commerce and Industry. The application status is in “In-Process”, the application No. is 172/DEL/2052.



**BABA FARID COLLEGE OF ENGINEERING & TECHNOLOGY** (Helpline: 95011-15524,511)

B.Tech. (CSE, ECE, IT, CE, ME, EE), M.Tech. (CSE, ECE)

**BABA FARID COLLEGE OF MANAGEMENT & TECHNOLOGY** (Helpline: 95011-15602,621)

MBA

**BABA FARID COLLEGE OF COMPUTER SCIENCE & TECHNOLOGY** (Helpline: 95011-15231)

BCA, PGDCA, M.Sc. (IT), M.Sc. (IT) 2nd Year Lateral Entry

**BABA FARID COLLEGE OF HIGHER STUDIES** (Helpline: 95011-15209, 344, 381)

M.Sc. (Mathematics), M.Sc. (Physics), M.Sc. (Chemistry), M.Sc. Geography, M.Sc. (Service Industry Management), M.A. (English), M.A. (Punjabi), M.A. (Economics), M.A. (History), M.A. (Political Science), M.Com., PG Diploma in Retail Management, PG Diploma in Insurance & Banking



**BABA FARID COLLEGE** (Helpline: 95011-15202, 344, 381)

B.Sc. (Agriculture), B.Sc. (Biotechnology), B.Sc. (Computer Science), B.Sc. (Medical & Non-Medical), B.Sc. (Computer Science, Statistics & Mathematics), B.Sc. (Mathematics Computer & Management), B.Sc. (Airlines, Tourism & Hospitality Management), BBA, B.Com., B.Com. (Honours)\*, B.A.

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B.Ed., M.A. (Education)

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