



BFGI NEWSLETTER

DEPARTMENT OF RESEARCH & DEVELOPMENT

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Research & Development



What's Inside

Conferences	01
Faculty Development Programme.....	01
P.hd Degrees Awarded.....	02
Publication in Journals.....	02-03
Publication in Conferences.....	03-04
Presentation in Conferences.....	04-08
FDP Attended.....	08-11
Extension lecture Attended by faculty.....	11
Refresher Courses Attended by faculty.....	11
Books Published/Book Chapters	11
Invited Talks/Expert Talks by Faculty.....	11

Ph.D DEGREES AWARDED

Dr. Harvinder Kaur of Department of Economics has been awarded Ph.D degree in 2016, title of thesis "Socio-Economic Profile of Rural Labour in Punjab"

Dr. Prabhjot Kaur "Economic development and Convergence across Indian States: An Empirical Investigation

PUBLICATIONS

PUBLICATIONS IN JOURNALS

Rahul Joshi, Singh, N, Kirti, J.S., Volynkin, A.V., & Bucsek, K. "Two new species of *Miltochrista* from India, Lepidoptera, Erebidiae, Arctiinae", *Zootaxa*, 4238 (3): 445-450, 2016

Rahul Joshi, Kirti, J.S. & Singh, N. "A new species of genus *Nishada* Moore, 1878 Lepidoptera: Erebidiae: Arctiinae" from India. *Zootaxa*, 4179 (1): 128-132, 2016

Rahul Joshi, R., Kirti, J.S. & Singh, N. A new species of genus *Gampola* Moore (Erebidiae: Arctiinae: Lithosiini) from India. *Tinea*, 23(4): 220-223, 2016

Kaur, P and Mondal, S. K. "Combining ability for yield and its components in durum wheat (*Triticum durum* Desf.) over different sowing times", *The Bioscan*, 11(3): 1937-1940, 2016

Surbhi Sharma*, V.Chhabra and Samandeep kaur, "Low sustainability of development in Punjab due to agrarian crisis", *Journal of Physical Biological and Chemical Sciences*, vol.6, 992-995, 2016

Tarun Goyal and Kirti Jagbir Singh "Taxonomic studies on genus *Cleora* Curtis (Lepidoptera: Geometridae: Ennominae) along with a new species from Western Ghats of India" *J. ent. Res.*, 40 (3) : 307-312, 2016

Kirti Jagbir Singh, Tarun Goyal, and Kaur Mandeep "An inventory of geometrid moths (Lepidoptera : Geometridae) from Himachal Pradesh, India", *J.Appl.Biosci.* 42(1):1-12, 2016

Ramanpreet Kaur, "Concept of Subnets in Computer Networking", *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*", Volume 4 Issue X, 2016

Ramanpreet Kaur and Parmjeet Kaur, Ishika, "Computer networks Considerations When Choosing a Topology",

International Journal for Research in Applied Science & Engineering Technology (IJRASET)", Volume 4 Issue XI, 2016

Ramanpreet Kaur, Cherry Goyal, Harjeet Kaur and Mandeep Singh, "Types of Routing Protocols to maintain Message Security", *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*", Volume 4 Issue XI, 2016

Ramanpreet Kaur, Chahat Rani, Divya, "Study on Various Network Topologies for set-up best Network", *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*", Volume 4 Issue XI, 2016.

Anoop Monga and Sukhpal Singh Chatha, "Microstructure and abrasive wear study of (Ti, W)C-reinforced high-manganese austenitic steel matrix composite", *Materials Letters*, vol.62, 3047-3950, 2016.

Divya Taneja, Manish Gupta, Rajesh Narula, Jaskaran Bhullar, "Tailoring the Parameters of Quantum MDS Codes Constructed from Constacyclic Codes" *International Journal of Computer Science and Information Security*, vol 14 (10), 943-956, 2016.

Mandeep Singh, Garima Mahajan, "Secure Secret Information Transmission with Audio-Video Steganography Using Encryption and Data Authentication", *International Journal of Science and Research (IJSR)*, Vol. 5 (9), pp. 668-673, September 2016

Meenakshi S Arya, Meenu Rani and Charndee Singh Bedi, "Improved Capacity Image Steganography Algorithm using 16-Pixel Differencing with n-bit LSB Substitution for RGB Images", *International Journal of Electrical and Computer Engineering*, Vol. 6, No. 6, pp. 2735-2741, December 2016

Ankit Sharma and Surabhi Jain, "In-depth Analysis of various Techniques Employing Image Steganography", *Journal of Banking, Information technology and Management*, Vol13, No.1, 2016

Kamalpreet Kaur and Suppandeep Kaur. "Review of Image Watermarking Technique for Medical Images", *International Journal of Advance Research, Ideas and Innovations in Technology*, Vol 2 (5), 2016.

Koram Singh and Suman Rani, "Content Based Image Retrieval on Color, Texture and Shape features Using DWT and Modified K-Means", *International Journal of Engineering Science and Research Technology*, vol 5(12), 956-966, 2016

Sukhdeep Kaur and Karandeep Singh, "Steganography system for hiding text into audio signal using I-LSB techniques & compression algorithm (LZW & Adaptive Huffman)",

International Journal of Engineering Science and Research Technology, vol. 5 (12), 786-791, 2016

Amandeep Singh, Hardeep Singh and Navdeep Kaur "Modification of Planar Inverted-F antenna for Wireless Applications" International Journal of Recent trends in Engineering and research, vol 2 (7), pp.85-89, 2016

Rajpreet Kaur and Shimpay Maheshwari, "Comparative Analysis of Total Harmonic Distortion for Welding Load", International Journal of Scientific Research in Science, in Engineering & Technology, Vol 2 (4), 2016"

Harveen Kaur and Harleen Kaur, "Improved methods in mitigating misbehavior activities in DTN: A Survey", Advances in Computer Science and Information Technology, vol3 (5), 360-365, 2016.

Benzeer Kaur and Harleen Kaur, "Detection of Black and Gray Hole attack in MANET: A Review", Advances in Computer Science and Information Technology, Vol -3 (5), 396-400, 2016.

Benzeer Kaur and Harleen Kaur, "Detection and prevention of Cooperative Black hole and Gray hole attack in MANET using DSN and Reverse Tracing Scheme", International Journal of Review in Electronics & Communication Engineering (IJRECE), vol 4 (4), 44-50, 2016.

Malvika and Harshandeep Singh, "A Review Paper on Noise Removal in Grey Scale Images", International Journal of Computer Science and Mobile Computing, (IJCSMC), Vol. 5 (10), 38-43, 2016.

Malvika and Harshandeep Singh, "A Novel Approach For Removal of Mixed Noise Using Genetic Algorithm", International Journal of Scientific Research (IJSR), Vol 5 (11), 1836-1841, 2016.

Sharanjeet Kaur and Harshandeep Singh, "Image Forgery Detection using Advanced Sift Features with NN ", International Journal of Computer Science and Information Technology (IJCSIT), Vol 4 (1), 2016

Sharanjeet Kaur and Harshandeep Singh, "A Review: Image Forgery Detection Techniques", International Journal of Research In Science & Engineering (IJRISE), Vol. 3 (1), 2016

Amandeep Kaur Sandhu and Gagandeep Kaur, "Factors Affecting Consumer Perception Towards Branded Clothes in Rural Areas", International Journal of Research in Commerce & Management, vol 7, 2016

Amandeep Kaur Sandhu and Gagandeep Kaur, "Perception of Young Consumers Towards Promotional Offers at Point of Purchase", Global Journal Accounting & Management, vol. 5", 49-56, 2016.

Rajdeep Singh "A Study Of Consumer Behaviour Towards Social Media Marketing", International journal of advance research and innovative ideas in education, vol 2(4), 262-267, 2016

Harvinder Kaur, "Gender Inequalities in India", International Journal in Management and Social Science, volume 4, July 2016

PUBLICATIONS IN CONFERENCES

Ramanpreet Kaur, "Test Data compression and encryption using dynamic prits reduction algorithm and arithmetic coding techniques", held at MIMIT, 26-27, 2016.

Kuldeep Singh, "Role of Indian Constitution in the population control and family planning", in National Conference, Dr. B. R. Ambedkar, Amritsar

Neetu Singh, Manish Bansal and Sachin Dev", "Role of Women in Indian Economy", National Seminar on Economic Development- Dr. Ambedkar Vision, I K Gujral Punjab Technical University, Jalandhar", 21st October, 2016

Sonia Baghla, "Role of Institutional Finance in the Development of SSIs in India: A Literature Review Since Dr. Ambedkar's Contribution", National Seminar on Economic Development- Dr. Ambedkar Vision, I K Gujral Punjab Technical University, Jalandhar, 21st October, 2016

Navjot Rani and Deepinder Singh", "Role of Human Capital in Development of Indian Economy: A constitutional Approach", National Seminar on Economic Development- Dr. Ambedkar Vision, I K Gujral Punjab Technical University, Jalandhar, 21st October, 2016.

Babita Singla and Wishey Kataria, "Contribution of Dr. B. R. Ambedkar Towards Finance Field: Marketing of Financial Services in Banking Sector in India, National Seminar on Economic Development- Dr. Ambedkar Vision, I K Gujral Punjab Technical University, Jalandhar, 21st October, 2015.

Babita Singla and Wishey Kataria "Corporate Governance:

Scenario in India ” in the International conference on “Business Management on Social Innovation”organised by ICBMSI – PUNE on 16th Oct. 2016.

Amandeep, The role of Taxation policy in Economic Development in India”, National Seminar on Economic Development organized by IK Gujral University,Jalandhar, 21st October,2016

Harmanjot Kaur, “Dr.Ambedkar's contribution in the upliftment of Modern Days Dalits & Women”, National Seminar on Economic Development organized by IK Gujral University,Jalandhar, 21st October,2016

Amandeep Kaur Sra, “The principles of Gender Equality: Constitutional View”, National Seminar on Economic Development organized by IK Gujral University,Jalandhar, 21st October,2016

PRESENTATIONS IN CONFERENCES

Manish Gupta from Department of Applied Sciences, BFCET, presented the paper “On the Construction of a class of Quantum MDS codes from Constacyclic Codes” International Conference on Finite or Infinite Dimensional Complex Analysis and Applications at Anand International College of Engineering, Jaipur from 22-26 August, 2016

Surbhi Sharma, presented the paper “Biodiversity conservation means our survival” 2nd National Symposium on Emerging Trends in Biological Sciences, Nov 12, M.M Modi college Patiala

Sudhir Mittal presented the paper [Assessment Of Heavy Metals In Correlation With Physico-Chemical Properties Of Drinking Water Of Northern Rajasthan, India](#) in the [National Conference on Research Trends in Physics and Electronics \(NPE-2016\) organized by S.G.G.S.Khalsa College Mahilpur, District Hoshiarpur, Punjab – 146105 on “25th - 26th November”](#)

S. Kaur, presented the paper “Biodiversity conservation means our survival” 2nd National Symposium on Emerging Trends in Biological Sciences, Nov 12, M.M Modi college Patiala

Vivek Sharma presented the paper “Iodination of Industrially Important Compounds with aqueous KI₃” Harsessing Engineering Technology and Innovation for sustainable Growth” Panjab University Chandigarh. September 30-1, Oct.2016

Samriti presented the paper 'Efficacy of Readymix (Chlorpyrphos 50% + cypermethrin 5%) against. Urticae, S. Puntillum on okra crop and honey bee' in 2nd International conference on “Harsessing Engineering Technology and Innovation for sustainable Growth” held & organized by Dr S S Bhatnagar University Institute of Chemical Engineering & Technogy Panjab University Chandigarh under Technical Education QualityImprovement Programme (TEQIP-II) September 30th – Oct 1st, 2016.

Babita Singla presented the paper “Corporate Governance: Scenario in India” in the International conference on Business Management on Social Innovation organised by ICBMSI – PUNE” on 16th Oct. 2016.

Harvinder Kaur, Presented a paper entitled “Poverty in India: Extent and Causes in an international conference held at Maharishi Markandeshwar University, Ambala. on 11th November 2016.

Prabhjot Kaur, Presented a paper entitled, “An Analysis of Livelihood in terms of Human Development across Countries” in the 20th Annual Conference of Indian Political Economy Association, Organized by Guru Nanak Dev University, Amritsar (Punjab), November 4-6, 2016.

Prabhjot Kaur, Presented a paper entitled, “Measuring Livelihood Security: A State Level Approach for Poverty and Inequality in India” in the 20th Annual Conference of Indian Political Economy Association, Organized by Guru Nanak Dev University, Amritsar (Punjab), November 4- 6, 2016.

FDP ATTENDANT BY FACULTY

Surbhi Sharma from Department of Agriculture attended the workshop on Basics of remote sensing Geographical information system and global navigation satellite system by Indian Institute of remote sensing from Aug 22, 2016 to Nov 18,

Suman Rani from Department of Electronics & Communication Engineering , BFCET, attended 10 days Workshop “On Embedded system & Robotics” organized by Department of Electronics & Communication Engineering, BFCET, Bathinda ,from 21st – 31st December 2016.

Sawaranjeet Singh from Department of Electronics & Communication Engineering , BFCET, attended 10 days Workshop “On Embedded system & Robotics” organized by Department of Electronics & Communication Engineering, BFCET, Bathinda ,from 21st – 31st December 2016.

Hardeep Singh from Department of Electronics & Communication Engineering , BFCET, attended 10 days Workshop "On Embedded system & Robotics" organized by Department of Electronics & Communication Engineering, BFCET, Bathinda ,from 21st – 31st December 2016.

Harsimran Singh from Department of Electrical Engineering, BFCET, attended 10 days Workshop "On Embedded system & Robotics" organized by Department of Electronics & Communication Engineering, BFCET, Bathinda ,from 21st – 31st December 2016.

Abhi Garg from Department of Electrical Engineering, BFCET, attended 10 days Workshop "On Embedded system & Robotics" organized by Department of Electronics & Communication Engineering, BFCET, Bathinda ,from 21st – 31st December 2016.

Dinesh Kumar from Department of Electrical Engineering, BFCET, attended 10 days Workshop "On Embedded system & Robotics" organized by Department of Electronics & Communication Engineering, BFCET, Bathinda ,from 21st – 31st December 2016.

Harleen Kaur from Department of IT, BFCET attended a 6-days Workshop on "Data Structures and C" organized by BFGI from 19-24 December, 2016"

Shefali Singla from Department of IT, BFCET attended a 6-days Workshop on "Data Structures and C" organized by BFGI from 19-24 December, 2016"

Jashanpreet Kaur from Department of IT, BFCET attended a 6-days Workshop on "Data Structures and C" organized by BFGI from 19-24 December, 2016"

Shefali Singla from Department of IT, BFCET attended a 5-days Workshop on "Android" organized by "MRSPTU" on 12-16 December, 2016.

Shefali Singla from Department of IT, BFCET attended a 5-days Workshop on "Workshop on Android" conducted by "NITTTR" organized by "BFGI" on "23-27 January, 2017"

Damanpreet Kaur from Department of Applied Sciences, BFCET attended a 1-day Workshop on "Functional English" organized by "MRSPTU" on "Jan 20, 2017"

B.S.Brar from Department of Applied Sciences, BFCET attended 5 days Faculty Development Programme on "Communication Skills through ICT" organized by NITTTR Chandigarh, from 05-09 December, 2016.

B.S.Brar from Department of Applied Sciences, BFCET attended 10 days Workshop "On Embedded system & Robotics" organized by Department of Electronics & Communication Engineering, Bathinda ,from 21-31, December, 2016.

Jasvinder Singh from Department of Applied Sciences, BFCET attended 10 days workshop on "Advance Topics in Coding Theory" organized at Indian Institute of Technology Kanpur from 13 - 22 October 2016.

Jasvinder Singh from Department of Applied Sciences, BFCET attended seminar on "Shannon Centenary Day Celebrations" organized at Indian Institute of Technology, Kanpur on October 19th, 2016.

Manish Gupta from Department of Applied Sciences, BFCET attended Faculty Development Programme on "E-Governance in Technical Institutions" organized by Baba Farid College of Engineering and Technology, Bathinda from 27-31 July, 2016

Randhir Grover Department B.Com 1st Year, BFC attended FDP on the topic Intellectual Property Rights organized by Department of Computer Science, P u n j a b i University Patiala on, 2016

INVITED TALKS / EXPERT TALKS BY THE FACULTY

Pushpinder Sharma delivered a Expert Lecture on "Basic Electronics " at Bal Navjeevan Model Sr sec School Sangria on 7 dec 2016

Manish Gupta from Department of Applied Sciences, BFCET delivered Invited Talk on "On the quasi-cyclic codes" at National Conference on Role of Information Technology in Management & Engineering: Issues and Prospectus from 26-27 August, 2016 at MIMIT Malout

Rohit Sharma delivered a Expert Lecture lecture on Entrepreneur at Shaheed Udam Singh, Mehla Chowk , Sangrur on 5 dec, 2016



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