



BFGI NEWSLETTER

DEPARTMENT OF RESEARCH & DEVELOPMENT

2015 Volume 1



Research & Development



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EDITORIAL BOARD

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Mr. Rajwinder Singh Bhullar

GLOBAL SUMMIT & CONFERENCES



Global Summit on Industry-Academia Interface on 31st January-1st February, 2015.



4th National Conference on 'Issues and Innovations in Service Sector: Implications of Management & Engineering Sciences'

FACULTY DEVELOPMENT PROGRAMME / WORKSHOP



Two days workshop on 8th & 9th July 2015 on Basics of SPSS: Theory & Practical by Dr. Vikasdeep & Dr. Dyal Bhatnagar from University School of Business Studies, Punjabi University Neighbourhood Campus, Talwandi Sabo.



Two Day Faculty Development Program (FDP) on Intellectual Property Rights & Patenting: Its Academic Prospectus from 20-21 July, 2015.



One day Workshop on Qualitative Research and Analysis Problem by Dr Kulwinder Singh, Punjabi University, Patiala.



One Day Faculty Development Program on Plagiarism and Drafting and Step-By-Step Guide in writing better research papers by Professor Rupinder Singh and Dr Akshay Girdhar.



5 days Workshop on Outcome Based Education.



A one week short term ICT based programme on the topic "E-Governance in Technical Institutions" has been organized by "Baba Farid College of Engineering and Technology in collaboration with "National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh" at BFGI on dated 27 July, 2015 to 31 July, 2015.

EXPERT LECTURES



Expert Lecture on Contemporary Issues in Teaching of Professional courses by Dr AS Chawla, Dean Academic Affairs, Punjabi University, Patiala.



Expert Lecture on on the Fulbright-Nehru Fellowship opportunities being offered to Indian Citizen for study, research, teaching and professional development in the USA by Dr Gayatri Sinhal, Indian Programme Manager, US-India Educational Foundation, at New Delhi.



Expert Lecture on “NBA Guidelines for Accreditation” on May 15th 2015 by Er Akshay Girdhar, Associate Professor, Guru Nanak Dev Engineering College, Ludhiana.



Expert Lecture Writing Research Project: Drafting and Step-By-Step Guide” on May 22nd 2015 by Dr. Pardeep Jindal, Punjabi University, Patiala.



Expert lecture on Transformational Leadership Through Participant Centered Learning Process by Dr. Manjeet Singh, Professor, Department of Applied Management, Punjabi University, Patiala



Expert Lecture on Overview on Intellectual Property Rights and how it helps in making Entrepreneurs and Major Projects by Mr. Rahul Taneja.

PUBLICATIONS IN JOURNALS

Vivek Sharma, Degradation of PET-bottles to monohydroxyethyl terephthalate(MHT) using ethylene glycol and hydrotalcite Journal of Polymer Research, DOI: 10.1007/s10965-015-0884-2, 2015

Tejinder Singh, “Java Web Design Frameworks: Review Of Java Frameworks For Web Applications”, International Journal of Advance Research In Science And Engineering (IJARSE), Vol. No.4 , Special Issue (02), PP-NO: 592-595, February 2015.

Tejinder Singh, “Research study on innovative learning environment for graduate's students of programming language”, International Journal of Science, Technology & Management, Vol-4, Special Issue-02, PP-NO:752-756 , March 2015.

Gurpreet Singh, “Research study on innovative learning environment for graduate's students of programming language”, International Journal of Science, Technology & Management, Vol-4, PP-NO: 752-756, March 2015.

Veerpal Kaur, “An Advanced Text Encryption & compression System based on ASCII values and arithmetic encoding to improve data security”, International Journal of Engineering Research and General Science, Vol-3, Issue-4, July-Aug 2015.

Ram Sharn & Meenakshi “A Study on Women Empowerment Among Women College Teachers in Bathinda” in journal of Advanced Studies in Education and Management, Vol.1, No.3, ISSN No.2350-0492 .

Ram Sharn & Meenakshi, “Dimension of Climate Change: A Critical Analysis”, Journal of North East Region (A Peer Reviewed Interdisciplinary Research Journal), Vol 3, No.II, ISSN NO:2321-0583.June 2015.

Lakhvir Singh, Parveen Rani & **Dr. Harvinder Kaur**, “Consumer Awareness”, Journal of North East Region, vol.3 no.1 , page no.40-49,ISSN:2321-0583 June 2015.

Parveen Rani, Lakhvir Singh & **Dr. Harvinder**, “ A Study of working conditions of child labour in Bathinda District”, Journal of advanced studies in education & management, vol. 1, page no. 29-37, ISSN: 2350-0492, June 2015.

Dr. Harvinder Kaur, “Inequalities among Rural Labour Households in Punjab”, International Journal of Social Sciences and Interdisciplinary Research, vol.4,pp.42-

53,ISSN:2277-677X, June 2015.

Dr. Harvinder Kaur, “Wage structure and Employment pattern of Rural labour households in Punjab”, Man and development, vol. XXXVII., ISSN:0258-0438, June 2015.

Dr. Harvinder Kaur, Socio Economic profile of rural labour in Punjab, Journal of economics and commerce, vol.6, ISSN:0976-9528, July 2015.

Harpinder Kaur, “A study on agriculture credit system and socio economic characteristics of farmer” , Journal of northeast region, vol.3 no.1. page no. 191-197, ISSN:2321-0583. May 2015.

Ramanpreet Kaur, “An advanced Text encryption & compression system based on ASCII values and arithmetic encoding to improve data security”, International Journal of Engineering Research and General Science. vol. 3, issue 4: 1145-1147, 2015.

Ramanpreet Kaur, “ An Environment for detection of Bugs through SVM, International Journal of computer & Tecnology, vol. 14, No. 8 : 6009-6013, 2015.

Harwinder Kaur, Psilocybe (Fr.) P. Kumm. from Punjab, India., International Journal of Advanced Multidisciplinary Research 2 (10): 86–97, 2015.

Harwinder Kaur, Species of Gymnopilus P. Karst: New to India., Mycosphere, 6 (1): 165–173, 2015.

Samandeep Kaur Dhaliwal, “Future of organic farming in sustainable agriculture”, Indian journal of economics and development, vol-11. No.1, 319-324, 2015.

Samandeep Kaur Dhaliwal, “ The Role of Hyperaccumulator (Brassica juncea CV RL- 1359) in Sequestration of Cadmium at an Organ Level” , Journal of chemical , biological and physical sciences. vol-5, no. 4, 4673-4678, 2015.

Surbhi Sharma, Shanti Sharma “The role of hyperaccumulator (Brassica juncea CVRL 1359) in sequestration of cadmium at an organ level” journal of chemical, biological and physical sciences vol 5, 4673- 4678, 2015.

Surbhi Kaul Sharma “Effect of sowing on growth and yield of direct seeded basmati rice cultivars”, Indian journal of ecology 42 (2): 000-000, 2015.

Surbhi Sharma “Future of organic farming in sustainable agriculture,” Indian journal of economics and development, 11(1):319-324 Jan March 2015.

Samandeep Kaur Dhaliwal, "Effect of refrigeration and inulin supplementation on Lactobacilli fortified in grape juice", Journal of chemical , biological and physical sciences, vol-5, no.2, 1656-1659, 2015.

Joshi, R., Kirti, J.S. & Singh, N. "Two new species of genus *Zadadra* Moore (Lepidoptera: Erebidae: Arctiinae) from India". Florida Entomologist, 98 (2): 536-540. 2015 Published by Florida Entomological Society, U.S.A. (Impact factor: 1.07) DOI: <http://dx.doi.org/10.1653/024.098.0221>.

Joshi, R., Kirti J.S. & Singh, N. First record of genus *Cernyia* Bucsek (Lepidoptera: Erebidae: Arctiinae) from India. Uttar Pradesh Journal of Zoology, 35(1) : 33-35, 2015 (NAAS rating: 3.3).

Ekta et al. , "Secure Video watermarking Algorithm Using K-harris feature point detection with dual watermarks", in the "International Journal of Engineering and Computer Science", Volume 4, Issue 3, Page No. 10603-10607 ,March 2015.

Hemai, **Er. Charandeep Singh Bedi**, "INK-Bleed through degraded document Images: A survey", ZENITH International journal of multi disciplinary research, Vol.5 No.7, pp 122-128, July 2015.

Jaspreet Singh, Kartik Sharma, "Energy efficient AODV Routing Protocol for Mobile Ad-hoc Networks",IJARCCE, Vol 4, Issue 9, Sept 2015 (ISSN 22781021).

Jaspreet Singh, **Kartik Sharma**, "A Review of energy efficient routing mobile ad-hoc networks (MANET)",IJESRT,Vol 4, Issue 6, June2015 (ISSN 22779655).

Japneet Kaur*, **Suppandeep Kaur**, 'Review Paper On Segmentation Of Touching, Broken & Overlapping Characters In Devnagari Script', Zenith International Journal of Multidisciplinary Research,Vol.5(7), pp. 165-171,, JULY (2015).

Pooja Kamra and **Suppandeep Kaur**, "REVIEW OF VARIOUS IMAGE COMPRESSION TECHNIQUES AND COMPARISON OF DCT, DWT AND SPIHT" ,ZENITH International Journal of Multidisciplinary Research,Vol.5(6), pp. 215-221,, JUNE (2015).

Navjot Singh et al., "Improved Methods In Node Mobility & Relocation For Network Lifetimee In

Wirless Sensor Networks: Reveiw Of Selected Techniques", in ZENITH International Journal of Multidisciplinary Research, Vol.5 (4), pp.179-186, April 2015 (ISSN 2231-5780).

Navjot Singh, Amandeep Singh, "Relay Nodes : enhancing network lifetime and throughput in wireless sensor Networks" IJCA (ISSN 2250-1797).

Payal Garg, **Er. Charandeep Singh Bedi**, "Automatic Quation Genration System from Punjabi test using hybrid approach", International Journal of computer trends and technology(IJCTT), Vol.21 No.3,pp 130-133, March 2015.

Sakshi Goyal, **Er. Charandeep Singh Bedi**, "SMS text normalization Using Hybrid approach", International Journal of computer trends and technology(IJCTT), Vol.21 No.3,pp 126-129, March 2015.

Tina, **Kartik Sharma**, "A Review of Selected Spectrum Sensing Techniques in CRN", International Journal of Advanced Engineering and Global Technology Vol-03, Issue-07, July 2015(ISSN: 2309-4893)

Tina Sain, **Kartik Sharma**, "Optimization of Cooperative Spectrum Sensing with Energy Detection in Cognitive Radio Networks using Voting Rule" International Journal of Computer Applications Volume 127, Issue No.16, October 2015 (ISSN 0975 – 8887).

Virender Sharma, **Chinu**, " A Review: PDE based Segmentation Method and Color Models ", SRG International Journal of Computer Science and Engineering, pp:119-123, 2015. (ISSN: 2348- 8387)

Agrakshi Mehta, **Suman Rani**, " Low Power design Techniques in CMOS circuits A Review" in International Journal for research in applied science & Engineering Technology (IJRASET), ISSN:2321-9653, Volume-3, Issue-2, Page 330-335, February 2015.

Agrakshi Mehta, **Suman Rani**, "Implementation & Analysis of low power techniques on basic gates in Nenoscale technology in International Journal of Research in Management, Science & Technology (E-ISSN: 2321-3264) Vol. 3, No. 2, Page 118-125 April 2015.

Agrakshi Mehta, **Suman Rani**, "Design & Analysis of low power 2-bit & 4-bit digital comparator in 45nm & 90 nm technologies in International Journal of Research in Engineering & Technical research IJTER Vol. 3, No. 5, Page no 278-284, May 2015.

Hardeep Singh, "Design & Optimization of 64 bit carry select

adder using TG Technology”, IJETCR, Vol-3 ,issue-4,Page 252-260, July-Aug 2015.

Monika, **Suman Rani** “ A review on design & implementation of compensated frame prediction & reconstruction” in international journal of Engineering & Technical Research (IJETR) ISSN:2321-0869, Volume-3, Issue-2, Page 138-141, February 2015.

Sourav, **Pushpinder** “Concept Smart Phone Devices” in International Journal of Computer Science & Information Technology Research ISSN:2348-120X, Volume-3, Issue-3, Page 46-48, 13 July 2015.

Sunita, **Suman Rani** “Design & implementation of Adaptive Filtering algorithm using NLMS having different target filters ”in international journal of Engineering & Technical Research (IJETR) ISSN:2321-0869, Volume-3, Issue-2, February 2015.

Swaranjeet Singh, Hardeep Kaur ,Sukhdeep Kaur “Design and Analysis of D Flip Flop using different technologies”International Journal of Innovative Research in computer and communication engineering Vol 3, page:6919-6926,July 2015.

Swaranjeet Singh, Hardeep Kaur, Sukhdeep Kaur “ Analysis and modification of D Flip Flop using different technologies”International Journal for Scientific Research and development Vol 3, Issue 06 page 811-816, 2015.

Swaranjeet Singh, Amandeep Kaur “Review of Leach Protocol & its types”International Journal of Engineering Research & Technolgy Vol 3, Issue 5 page 20-25,May 2015.

Swaranjeet Singh, Hardeep Kaur ,Sukhdeep Kaur ”Design and analysis of 4-bit magnitude comparator of different adder logic using GDI and TG at 90nm”International Journal for scientific research and development,Vol 3, Issue 06 page 338-340,2015.

Swaranjeet Singh, Hardeep Kaur ,Sukhdeep Kaur ”comparative analysis of comparators using different adder styles at 180 nm”International Journal for scientific research and development,Vol 3, Issue 05 page338-340,2015.

Harsharndeeep Singh “Design and Implementation of HINSPELL -Hindi Spell Checker using Hybrid approach”, International Journal of scientific research and management (IJSRM),Volume 3,Pages 2058-2061,2015.

GauravGarg, Dr. Uma Batra “Development of non-toxic lead free solder alloy for electronic industry”, International Journal of Mechanical Science and Civil Engineering (IJMSCE), ISSN NO 2320-2424, March 2015

Parminder Kaur, “Making rain in India is a necessity”, International Journal of emerging trends in Science and technology, volume-2, Issue 7 , page-2771-2775, 28-June 2015

Gurpreet Singh, “Indian Higher Education: Challenges & Issues”, 'Academic journal of Excellence', 1,31, April 2015.

Sandhya Rani, “ Education's Role in social change and development in India”, Gian Prabodh , vol no.2,104, july 2015.

PUBLICATIONS IN CONFERENCES

Dr. Tejinder Singh, “Review Services: Support about New Services in E-Learning Sector for Learners”, Conference(4th National Conference on “Issues & Innovations in Service Sector”) Proceeding ISBN: 9789384869724, PP: 203-205.

Dr. Tejinder Singh, “Java Web Design Frameworks: Review Of Java Frameworks for Web Applications”, Conference(International Conference on Science, Technology & Management (ICSTM)) Proceeding Index No:232, PP: 431.

Dr. Tejinder Singh, “Research study on innovative learning environment for graduates students of programming language”, Conference(International Conference on recent trends in engineering science and management) Proceeding Index No:88, PP: 752-756.

Ram Sharn, Meenakshi & Amanpreet Singh “E-Learning and Geography” , Digital Literacy: A need for paradigm shift in pedagogy,ISBN NO. 978-93-85446-01-6, Pg no. 412-415.

Ms. Parveen Rani, “E-Education”, Digital literacy: A need for paradigm shift in pedagogy, ISBN: 978-93-85446-01-6, Page no. 354-358, April 2015.

Parveen Rani & Lakhvir Singh, “E-Banking”, Role of information technology in management & engineering: issues and prospects, ISBN:978-81-930480-2-3, page no.118-121, March 2015.

Mr. Lakhvir Singh, “E-Business”, Digital literacy: A need for paradigm shift in pedagogy, ISBN: 978-93-85446-01-6, Page no. 367-370, April 2015.

Mr. Jaswinder Singh Brar, "Psychology of health: connection between Psychology and mental hygiene," International conference at Shri Guru Granth World University Fategarh Sahib 3-4 march 2015.

Joshi, R., Kirti, J.S. and Singh, N. "Diversity of Lithosiin moths (Lepidoptera: Erebididae: Arctiinae) and new faunistic records from India". Proceedings of an International Conference on Exploring Basic and Applied Sciences for next Generation Frontiers organized by Lovely Professional University, Phagwara Published by Elsevier, 2015: 1-2 (ISBN: 978-93-5107-313-0).

Ekta, "Robust video water marking embedding & extraction algorithm using discrete wavelet transform (DWT) based on random frame selection", presented in the 9th International conference on "Advances in soft-computing, E-learning, Information & communication Technology"(ASEICT-2015), organized by "Krishi Sanskriti", Delhi, June 2015.

Meenakshi S Arya, Mandeep Kaur, "A robust Second Generation Multiresolution Analysis and SVD based video watermarking with Composite QR code", Proceedings of Recent Advances on Computer engineering ,Seoul, South Korea, Sept 5-7, 2015.

Meenakshi S Arya, Payal Goyal, " Second Generation Wavelet Transform based biometric watermarking for image authentication using gabor feature extraction", Proceeding of IEEE, ICIP 15, to be held in Dec 21-24, 2015

Meenakshi S Arya, Yashi Goyal, Sunil Nagpal, "Energy efficient Hybrid policy in green cloud computing", Proceedings of International Conference on Green Computing and Internet of things, IEEE, 8-10th Oct 2015.

Preet Kaur, **Kartik Sharma**, "Spectrum sensing in CRN", International Conference on Technology Science and Management Innovation, 29th Nov 2015, Haryana.

Gaurav Bansal, "Analysis of Round bowtie Antenna for wireless communication applications" National Conference held at MIMT Malout, ISBN 978-81-930480-3-0, 27-28 March 2015.

Balwinder Singh, Satnam Singh and Anoop Monga "A study on abrasive and erosive wear with their optimal remedial measures" TEQIP-II Sponsored National Conference on "Latest Developments in Materials, Manufacturing and Quality Control" on 19-20 February, 2015 (ISBN 978-93-5196-055-3), Page No.- 122-127.

Gaurav Garg, Dr. Uma Batra and **Anoop Monga** "Wear performance of austempered ductile iron under different loads and heat treatments conditions" TEQIP-II Sponsored National Conference on "Latest Developments in Materials, Manufacturing and Quality Control" on 19-20 February, 2015 (ISBN 978-93-5196-055-3), Page No.- 302-310.

Anoop Monga, Dr. Sukhpal Singh Chatha "Sliding wear behavior of hardfacing using Manual Metal Arc Welding" TEQIP-II Sponsored National Conference on "Latest Developments in Materials, Manufacturing and Quality Control" on 19-20 February, 2015 (ISBN 978-93-5196-055-3), Page No.- 315-320.

Babita Singla, "Impact of Information Technology in Retail", National Conference on "Role of Information Technology in Management & Engineering" organised by MIMIT, Malout, 978-81-930480-2-3, Volume – I, Page No. 122, 2015.

Sachin Dev, "Prospect of E-Retailing in India", National Conference on "Role of Information Technology in Management & Engineering" organised by MIMIT, Malout, 978-81-930480-2-3, Volume – I, 2015.

Deepinder Singh, "Role of Information Technology in Online Retailing: Pros & Cons" National Conference on "Role of Information Technology in Management & Engineering" organised by MIMIT, Malout, 978-81-930480-2-3, Volume – I, 2015.

Rakesh Kumar, "Electronic Business And Electronic Commerce Management", Role of Information Technology In Management and Engineering: Issues & Prospectus, Volume 1, 128, 2015.

Amritpal, Singh "Role of IT in MSME sector" Role of information technology in management & engineering: Issues and Prospects, volume -2, page 150-152, 27-28 March 2015.

Neetu Singh, "Prospect of E- Retailing in India", Role of Information technology in Management and Engineering : Issues & Prospects" Volume 2, page 120-122, 2015.

Dr. Sonia Baghla, "Role of Bank Credit in MSME Sector", Role of Information technology in Management and Engineering : Issues & Prospects, Volume 2, page 145-149, 2015.

Ruchika Rawat, "Conceptual Framework on the relationship between Human Resource Management

Practices, Job Satisfaction and Job Performance”, Role of Information technology in Management and Engineering: Issues & Prospects” Volume 2, page 132- 137, 2015.

Gurpreet Singh, “Empowering Women through financial awareness and education”, 'Human Rights in India', Vol- 1, Page -66, year 2015.

Kulwinder Singh, “New Awareness of Child Rights-but Exploitation and Voilence remain” , “Human Rights of Children” ,Vol- 1, Page -74, Year 2015.

Kulwinder Singh, “Human Rights in India”, 'Human Rights of Women', Vol - 1, Page - 96, Year 2015.

Parwinder Singh, “Sexual Harassment at the workplace” , Human Right of Women , Vol – 1 , page 84-85 , year 2015.

Parwinder Singh, “An Evaluation of National Human Right Commission” , HUMAN RIGHT OF CHILDREN , Vol – 1 , page 68-73 , February , 2015.

Sandhya Rani, “Privatization and Globalization of teacher Education”, “ Quality teacher education: A check over deterioration of values in society”, Page- 218-222, march,2015

Sandhya Rani, “Teacher Education in changing scenario”, “Teacher education: challenges and opportunities”, Page - 204-207, March, 2015.

PRESENTATIONS IN CONFERENCES

Dr. N.L. Sharma presented the paper titled, “Image of Indian Woman in Savitri & Feminist Poetry of Kamla Das” in the conference organised by Mata Gujri College, Sri Fatehgarh Sahib on dated 30,31 March,2015.

Dr. N.L. Sharma presented the paper titled “Curriculum & Instruction at National Seminar held at S.S.D Girls' College of Education,Bathinda on 28th February,2015.

Dr. Jagdev Kumar presented the paper titled “Domestic Violence against Women & Children” held at CGM College, Mohlan on Feb,2015.

Dr. Jagdev Kumar presented the paper titled “Primary Challenges in the Field of Education held at D.A.V College, Abohar

Veerpal Kaur, 'Sukhwinder Amrit Kav de Sarokar in Samkali Naari Kavita: Suhajte Sarokar,”Post Graduate Govt.College

,Sec.46,Chandigarh &Bhasha Vibhag,Punjab Patiala,14 March,2015

Dr. Satpreet Singh Jassal presented the paper titled, “Samaj Vich Auort Di Badldi Rahi Bhumika(Punjabi Natak De Parsang Vich,) Gender Bias”,Gopi Chand Aryia Mahila College Abohar,14 March,2015.

Dr. Satpreet Singh Jassal presented the paper titled, “Charandas Sidhu De Natakan Vich Sikhia Prati Chatna,Education For Sustainable Development”, Deptt. Of Education,Pbi. Uni. Regional Center Bti.,13-14 Feb.2015.

Dr. Satpreet Singh Jassal presented the paper titled, “Pathkaram Ate Sikhia Pardan Vidhiyan:Punar Mulankan,” S.S.D.Girls College Of Education,Bathinda, Emerging Trender In Teacher Education, 28 Feb.,2015.

Dr. Satpreet Singh Jassal presented the paper titled, “New Trends Of Teacher Education.Role Of Ncte In Quality In Enhancement Of Teacher Education,” Guru Gobind Singh College Of Education,21 April,2015

Dr. Tejinder Singh presented the paper titled “Review Services: Support about New Services in E-Learning Sector for Learners”, in the conference “Issues & Innovations in Service Sector” organised by Baba Farid College of Management and Technology, Bathinda on dated 24-25 September 2015.

Dr. Tejinder Singh presented the paper titled “The Role of Programming Paradigms in computer Science Education”, in the conference “Role of Information and Communication Technology in Transforming Education” organised by Bahra University, Shimla Hills on dated February 27, 2015.

Dr. Tejinder Singh presented the paper titled “Java Web Design Frameworks: Review Of Java Frameworks for Web Applications”, in the conference International Conference on Science,Technology & Management (ICSTM) organised by AR RESEARCH PUBLICATION on dated 01 February 2015.

Dr. Tejinder Singh presented the paper titled “Research study on innovative learning environment for graduates students of programming language”, in the conference “International Conference on recent trends in engineering science and management” organised by JNU, New Delhi on dated 15 March 2015.

Dr. Tejinder Singh presented the paper titled "Overview of SAP and Fundamentals Aspects for Business", in the conference "2nd International Business Conference-2015 on Value Creation for Sustainable Development" organised

by Sri Guru Granth Sahib World University, Fathgarh Sahib on dated March 17-18, 2015.

Er. Gurpreet Singh presented the paper titled "Research study on innovative learning environment for graduates students of programming language", in the conference "International Conference on recent trends in engineering science and management" organised by JNU, New Delhi on dated 15 March 2015.

Ms. Ramandeep Kaur presented the paper titled "E-Commerce & E-Business Strategies and Applications", in the conference "National Conference on Recent trends in computer and communicational technology" organised by Post graduate department of computer science DAV College Dasuya (Hoshiarpur) on dated Feb 21, 2015.

Mr. Ram Sharn & Meenakshi presented the paper titled Agricultural Crisis and Globalization in National seminar on "Agrarian Crisis in India: Issues and Interventions" organised by Akal Degree college for women on dated January 20, 2015.

Mr. Ram Sharn, Meenakshi & Amanpreet Singh presented a paper E-Learning and geography in the International conference on Redefining Literacy in the Emerging Digital Society organized by Bhutta college of Education, Ludhiana on dated February 5-6, 2015.

Ms. Parveen Rani presented the paper titled "Widening Economic disparities in rural India" in the National Conference organized by the department of economics, Akal Degree College For Women, Sangrur on dated January 20, 2015.

Ms. Parveen Rani presented the paper titled "E-Education" in the International Conference organized by the Butta College of education, Ludhiana on dated February 5, 2015.

Ms. Parveen Rani & Mr. Lakhvir Singh presented the paper titled India: A Welfare State in the national conference organised by Kamla Lohtia Sanatan Dharm college, Ludhiana on dated February 14, 2015.

Mr. Lakhvir Singh presented the paper titled E-Business in the International conference organised by Butta college of education, Ludhiana on dated February 6, 2015.

Mr. Lakhvir Singh & Ms. Parveen Rani presented the paper titled " Human Rights" in the National conference organized by Lyallpur Khalsa College For Women, Jalandhar on dated 27th feb., 2015.

Mr. Lakhvir Singh & Ms. Parveen Rani presented the paper titled "E-Banking" in the national conference organised by Malout institute of management & information technology, Malout on dated March 28, 2015.

Ms. Parveen Rani & Mr. Lakhvir Singh & presented the paper titled " Women Empowerment" organised by Shree Satya Sai B.Ed college Karaiwala, Malout on dated April 26, 2015.

Ms. Harpinder Kaur presented the paper titled "food security & government undertakings" in the National Conference organized by the department of economics, Akal Degree College For Women, Sangrur on dated January 20, 2015.

Mr. Amardeep Singh & Ms. Raminder Kaur presented the paper titled Human rights and Women in the National conference organised by Panjab University constituent college Sikhawala on dated 28/02/2015.

Ms. Raminder Kaur presented the paper titled "Women Empowerment" in the National conference organised by Lyallpur Khalsa College For Women, Jalandhar on dated 28/02/2015.

Mr. Jaswinder Singh, Harpreet kaur and Harvinder Singh presented the paper titled "Women studies centre" in the National Conference organised by Gopi chand Arya Mahiala College abhor on dated Feb., 2015.

Harpreet Kaur, Harvinder Singh and Jaswinder Singh presented paper titled "connection between media and sports" in the national conference organized by department of physical education, Chaudhary devilal university, Sirsa on dated 20-21 march, 2015.

Mr. Jaswinder Singh presented the paper titled the Protection of women from domestic Voilence in the National conference organised by DAV college of education Fazilka on dated April, 2015.

Mr. Jaswinder Singh presented the paper titled : Activities prmoting peace education" in the National conference organised by SSS B.Ed college Karaiwala Muksar on dated 20 april 2015.

Veerpal Kaur, 'SukhwinderAmrit Kav de Sarokar in SamkaliNaariKavita: SuhajteSarokar,Post GRADUATE GOVT.COLLEGE ,SEC.46,CHANDIGARH & Bhasha VIBHAG,PUNJAB Patiala,14 March,2015.

Satpreet Singh Jassal, Presented Samaj Vich Auort Di Badldi Rahi Bhumika(Punjabi Natak De Parsang Vich,) Gender Bias,Gopi Chand Aryia Mahila College Abohar,14 March,2015.

Satpreet Singh Jassal, Presented Charandas Sidhu De Natakan Vich Sikhia Prati Chatna,Education For Sustainable Development,Deptt. Of Education,Pbi. Uni. Regional Center Bti.,13-14 Feb.2015.

Satpreet Singh Jassal, Presented Pathkaram Ate Sikhia Pardan Vidhiyan:Punar Mulankan,S.S.D.Girls College Of Education,Bathinda,Emerging Trender In Teacher Education, 28 Feb., 2015.

Satpreet Singh Jassal, Presented New Trends Of Teacher Education.Role Of Ncte In Quality In Enhancement Of Teacher Education ,Guru Gobind Singh College Of Education,21 April,2015.

Kumari Seema presented the paper entitled "Effect of plant growth promoting rhizobacteria on plant growth, yield and fruit quality on strawberry ((Fragaria x ananassa Duch.) cv. Chandler" in the National conference on Advances in Agricultural Sciences and Biotechnology sponsored by Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi organized by DAV College, Jalandhar on dated February 28, 2015.

Kumari Seema presented the paper entitled "Drip irrigation an effective water management strategy for enhance productivity in Horticultural crops" and "Efficacy of plant growth promoting rhizobacteria on flowering of strawberry (Fragaria x ananassa Duch.) cultivar Chandler" in the National Seminar on Technology and Management of Micro-irrigation in Floriculture organized by Division of Agriculture Engineering & Directorate of Extension, SKUAST, Chatha, Jammu on dated March19-20, 2015.

Kumari Seema presented the paper titled "Effect of GA3 and Plant growth promoting rhizobacteria (PGPR) on plant growth, yield and fruit quality of strawberry (Fragaria x ananassa Duch.) cultivar Chandler" in the National Symposium on Modern Agro- Technologies for Nutrition Security and Health organized by Society for Advancement of Human and Nature (SADHNA) at Dr YSPUHF, Nauni, Solan, Himachal Pradesh on dated 21-23 April, 2015.

Harwinder Kaur presented the paper titled "Genus Coprinus pers. From north west Punjab plains" in the conference National Symposium on Mycological Research – Emerging Trends, Applications And Prospects And 41st

Annual Meeting Of Mycological Society Of India, organised by Botany Department, Punjabi University, Patiala, dated February 23-24, 2015.

Samandeep Kaur Dhaliwal presented the paper titled "Future of organic farming in sustainable agriculture" in 2nd National Seminar on Sustainable agricultural development organized by Punjab Agricultural University, Ludhiana on march 2015.

Samandeep Kaur Dhaliwal presented the paper titled "Healthy diet for healthy life" in UGC sponsored National seminar held at RR Bawa DAV college for girls , Batala on april, 2015.

Dr. Surbhi Sharma presented the paper titled "The role of emotional intelligence quotient in today's life" in the conference Healthy body results in healthy personality by DAV College Batala on 25th April 2015.

Jarnail Singh presented the paper titled "Analysis Of Zigbee Mesh networks Under Nodes Failure by varying channel sensing duration" at 7th International conference on Electrical, Electronics, Computing and Communication systems held on 9-10 january 2015.

Jarnail Singh presented the paper titled " Performance Analysis Of VolP over Wimax networks under nodes failure" at 7th International conference on Electrical, Electronics, Computing and Communication systems held on 9-10 january 2015.

Jashanpreet Kaur presented the paper titled " Performance Analysis Of Zigbee Mesh networks Under Nodes Failure" in the International conference on Recent Cognizance In Wireless Communication & Image processing held at Poornima Institute of Engineering & Technology, Jaipur on 16-17 January 2015.

Jashanpreet Kaur presented the paper titled "Analysis Of Zigbee Mesh networks Under Nodes Failure by varying channel sensing duration" at 7th International conference on Electrical, Electronics, Computing and Communication systems held on 9-10 January 2015.

Harpreet Singh presented the paper titled, " An experimental investigation into the dust explosion of bulk solids", in the conference " Trends in Technology for convergence TITCON 2015" Organised by AVS ENGINEERING COLLEGE on dated 10th and 11th April ,2015.

Harpreet Singh presented paper titled , “ Dust Explosion hazard and prevention : A review “ in the conference” Latest developments in materials, manufacturing and quality control” organized by GIANI ZAIL SINGH PUNJAB TECHNICAL UNIVERSITY CAMPUS, BATHINDA on dated 19th and 20th Feb 2015.

Babita Singla, presented the paper titled “Impact of Information Technology in Retail”, in the National Conference on “Role of Information Technology in Management & Engineering” organised by MIMIT on March 27-28, 2015.

Sachin Dev, presented the paper titled “Prospect of E-Retailing in India”, in the National Conference on “Role of Information Technology in Management & Engineering” organised by MIMIT on March 27-28, 2015.

Deepinder Singh, presented the paper titled “Role of Information Technology in Online Retailing: Pros & Cons”, in the National Conference on “Role of Information Technology in Management & Engineering” organised by MIMIT on March 27-28, 2015.

Rakesh Kumar, presented the paper titled “Electronic Business And Electronic Commerce Management “in the conference Role of Information Technology In Management and Engineering: Issues & Prospectus organized by Malout Institute of Management & Information Technology Malout on dated 27,28 2015.

Kanika, presented the paper titled “Education, Research and Globalisation” in the National conference organised by S.S.D. Girls' College Bathinda on dated 28th February 2015.

Amritpal Singh, presented the paper titled “Role of IT in MSME sector” in the National conference on Role of information technology in management & engineering: Issues and Prospects organised by Malout Institute of Management & information Technology, Malout on 27-28 March 2015.

Neetu Singh presented the paper titled Prospect of E-Retailing in India in the conference Role of Information technology in Management and Engineering : Issues & Prospects organised by Malout Institute of Management & Technology, Malout on dated March 27-28, 2015.

Dr. Sonia Baghla presented the paper titled Role of Bank Credit in MSME Sector in the conference Role of Information technology in Management and Engineering : Issues & Prospects organised by Malout Institute of

Management & Technology, Malout on dated March 27-28, 2015.

Ruchika Rawat presented the paper titled Conceptual Framework on the relationship between Human Resource Management Practices in the conference Role of Information technology in Management and Engineering : Issues & Prospects organised by Malout Institute of Management & Technology, Malout on dated March 27-28, 2015.

Sapna Soni presented the paper titled “Future Trends in E-Education” in the conference 'Redefining Literacy in the Emerging Digital Society' organised by Bhutta College of Education, Ludhiana on dated February 5-6, 2015.

Gurpreet Singh presented the paper titled “Higher Education- Issues, Challenges and Suggestion” in the conference 'Education For Sustainable Development organised by Department of Education, Punjabi University Regional Centre, Bathinda on dated February 13-14, 2015.

Kulwinder Singh presented the paper titled “Restructing and Reforms of Higher Education” in the conference 'Education For Sustainable Development' organised by Department of Education, Punjabi University Regional Centre, Bathinda on dated February 13-14, 2015.

Navkiran Kaur presented the paper titled “Higher Education in India : Issues, Challenges and Suggestions” in the conference 'Education For Sustainable Development' organised by Department of Education, Punjabi University Regional Centre, Bathinda on dated February 13-14, 2015.

Parwinder Singh presented the paper titled “Education for Sustainable Development and Environment” in the conference 'EDUCATION FOR SUSTAINABLE DEVELOPMENT' organised by Department of Education, Punjabi University Regional Centre, Bathinda on dated 13-14th feb., 2015.

Ramanjeet Kaur presented the paper titled “ Higher Education In india :- Issues ,Challenges and Suggestions ” in the National Seminar organized by Department of Education , Punjabi University Regional Centre , Bathinda on date 13th-14th Feb, 2015

Sandeep Singh presented the paper titled “Higher Education in India” in the conference 'Education For Sustainable Development' organised by Department of Education, Punjabi University Regional Centre, Bathinda on

dated February 13-14,2015.

Sapna Soni presented the paper titled “Education For Sustainable Development and Environment” in the conference 'Education For Sustainable Development' organised by Department of Education, Punjabi University Regional Centre, Bathinda on dated February 13-14,2015.

Shivani Singla presented the paper titled “Higher Education in India” in the conference 'Education For Sustainable Development' organised by Department of Education, Punjabi University Regional Centre, Bathinda on dated February 13-14,2015.

Surinderjeet Singh presented the paper titled “Higher Education in India” in the conference 'Education For Sustainable Development' organised by Department of Education, Punjabi University Regional Centre, Bathinda on dated February 13-14,2015.

Sapna Soni presented the paper titled “Education and Skill Development” in the conference 'India : An Emerging Opportunity' organised by Kamla Lohtia Sanatan Dharam College, Ludhiana on dated February 14, 2015.

Shivani Singla presented the paper titled “Education and Skill Development” in the conference 'India : An Emerging Opportunity' organised by Kamla Lohtia Sanatan Dharam College, Ludhiana on dated February 14, 2015.

Pinky Rani presented the paper titled in the conference “Evaluating Existing B.Ed Programme” organised by Khalsa College of Education, Sri Muktsar Sahib on dated February 19, 2015.

Mr. Kulwinder Singh presented the paper titled “The Role of Yoga in Education” in the conference 'Yoga Education for Enhancing quality of teacher education' organized by Maharishi Dayanand College of Education, Abohar on dated 20th & 21st Feb. , 2015

Parwinder Singh presented the paper titled “Research on Yoga in Education (RYE)” in the conference 'Yoga Education for Enhancing quality of teacher education' organised by Maharishi Dayanand College of Education, Abohar on dated 20th & 21st Feb. , 2015.

Gurpreet Singh presented the paper titled “Education for Women” in the conference 'Human Rights of Women' organised by D.A.V. College of Education, Fazilka on dated February 26, 2015.

Kulwinder Singh presented the paper titled “Human Rights in India” in the conference 'Human Rights of Women' organised by D.A.V. College of Education, Fazilka on dated February 26, 2015.

Parwinder Singh presented the paper titled “Sexual Harassment at the workplace” in the conference 'Human Right of Women' organised by D.A.V. College of Education, Fazilka on dated 26th Feb.,2015.

Gurpreet Singh presented the paper titled “ Ethical Issues in education” in the conference “ Emerging Trends in Teacher Education” organised by S.S.D. Girls' College of Education, Bathinda on dated February 28, 2015.

Kulwinder Singh presented the paper titled “New Awareness of Child Rights-but Exploitation and Violence remain.” in the conference 'Human Rights of Children' organised by Maharishi Dayanand College of Education, Abohar on dated February 28, 2015.

Navkiran Kaur presented the paper titled “ Ethical Issues in education” in the conference “ Emerging Trends in Teacher Education” organised by S.S.D. Girls' College of Education, Bathinda on dated February 28, 2015.

Navkiran Kaur presented the paper titled “ Educational Communication and Technology” in the conference “ Emerging Trends in Teacher Education” organised by S.S.D. Girls' College of Education, Bathinda on dated February 28, 2015.

Parwinder Singh presented the paper titled “An Evaluation of National Human Right Commission” in the conference 'Human Right Of Children' organised by Maharishi Dayanand College of Education, Abohar on dated 28th Feb. , 2015.

Ramanjeet Kaur Benewal presented the paper titled “ Ethical Issues in Education ” in the National Seminar organized by S.S.D. Girls' College of Education , Bathinda on date 28th Feb, 2015.

Ramanjeet Kaur Benewal presented the paper titled “ Promoting World Peace Through Education ” in the National Seminar organized by S.S.D. Girls' College of Education , Bathinda on date 28th Feb, 2015.

Sandeep Singh presented the paper titled “ Use of Information & Communication Technology For Sustainable Development” in the conference “ Emerging Trends in Teacher Education” organised by S.S.D. Girls' College of

Education, Bathinda on dated February 28, 2015.

Sapna Soni presented the paper titled "ICT in Class –room Teaching" in the conference "Emerging Trends in Teacher Education" organised by S.S.D. Girls' College of Education, Bathinda on dated February 28, 2015.

Surinderjeet Singh presented the paper titled "Use of Information & Communication Technology For Sustainable Development" in the conference "Emerging Trends in Teacher Education" organised by S.S.D. Girls' College of Education, Bathinda on dated February 28, 2015.

Sandhya Rani presented the paper titled "Teacher Education in changing scenario" in the conference of 'Transforming Teacher education in changing scenario' organized by G.H.G. khalsa college of education, Guru Sadhar, Dist .ludhiana, on date: 5 March, 2015

Sandhya Rani presented the paper titled "Privatization and Globalization of teacher Education" in the conference of 'Quality teacher education: A check over deterioration of values in society' organized by joyti B.Ed college, fazilka, on date: 10 march, 2015

Gurpreet Singh presented the paper titled "Peer Education As A Drug Prevention strategy" in the conference 'Eradicating the Problem of Alcoholism, Drugs & Smoking' organised by D.A.V. College of Education, Fazilka on dated April 16-17, 2015.

Kulwinder Singh presented the paper titled "Drug Addiction Treatment and Rehabilitation" in the conference 'Eradicating the Problem of Alcoholism, Drugs & Smoking' organised by D.A.V. College of Education, Fazilka on dated April 16-17, 2015.

Navkiran Kaur presented the paper titled "Drug Abuse : Trends and Issues" in the conference 'Eradicating the Problem of Alcoholism, Drugs & Smoking' organised by D.A.V. College of Education, Fazilka on dated April 16-17, 2015.

Parwinder Singh presented the paper titled "Drug Abuse : Trends and Issues" in the conference 'Eradicating the Problem of Alcoholism, Drugs & Smoking' organised by D.A.V. College of Education, Fazilka on dated 16th & 17th April 2015.

Gurpreet Singh presented the paper titled "Teacher Education" in the conference 'Role of NCTE in Quality Enhancement of Teacher Education' organised by Guru

Gobind Singh College of Education, Talwandi Sabo on dated April 21, 2015.

Kulwinder Singh presented the paper titled "Quality Assurance in Teacher Education" in the conference 'Role of NCTE in Quality Enhancement of Teacher Education' organised by Guru Gobind Singh College of Education, Talwandi Sabo on dated April 21, 2015.

Navkiran Kaur presented the paper titled "Concept of Teacher Education" in the conference 'Role of NCTE in Quality Enhancement of Teacher Education' organised by Guru Gobind Singh College of Education, Talwandi Sabo on dated April 21, 2015.

Parwinder Singh presented the paper titled "Quality Assurance in Teacher Education" in the conference 'Role of NCTE in Quality Enhancement of Teacher Education' organised by GGS College of Education, Talwandi Sabo on dated 21st April, 2015.

Sandeep Singh presented the paper titled "New Trends of Teacher Education" in the conference 'Role of NCTE in Quality Enhancement of Teacher Education' organised by Guru Gobind Singh College of Education, Talwandi Sabo on dated April 21, 2015.

Surinderjeet Singh presented the paper titled "New Trends of Teacher Education" in the conference 'Role of NCTE in Quality Enhancement of Teacher Education' organised by Guru Gobind Singh College of Education, Talwandi Sabo on dated April 21, 2015.

Gurpreet Singh presented the paper titled "World Peace" in the conference "Education for Peace and Harmony" organized by Shree Satya Sai B.Ed College, V.P.O. Karaiwala, Malout on dated 25-26 April, 2015.

Pinky Rani presented the paper titled, "Role of Education in maintaining Peace" in the conference "Education for Peace and Harmony" organized by Shree Satya Sai B.Ed College, V.P.O. Karaiwala, Malout on dated 25-26 April, 2015.

BOOKS PUBLISHED BOOK CHAPTERS

Sankali punjabi novel de sarokar, **Veerpal Kaur Sivia**, International publisher lokgeet parkashan, chandigarh, june 2015.

Naartvad te punjabi sahit, **Veerpal Kaur Sivia**, International publisher lokgeet parkashan, chandigarh, july 2015.

Chapter no.9 “Need of Increasing Higher Education in the light of changing Age Structure” in the book “Nurturing higher education: A step towards excellence written by **Ram Sharn, Meenakshi, Amanpreet Singh** has been published by Twenty first century publications, Patiala on page no.46-51 in the year April 2015.

Chapter no.71, “Participatory role of teacher educator in E-Learning” in the edited book E-learning-A Boom or Curse written by **Ms. Parveen Rani** has been published by 21st century Patiala, on pages 394-399 in the year May, 2015.

Chapter no.82, “Role of information & communication technology in higher education” in the edited book Nurturing Higher Education-A step towards excellence”.written by **Lakhvir Singh and Parveen Rani** has been published by 21st century publication, Patiala on pages 430-436.in the year April, 2015.

Chapter no.25, “Improving quality of education through E-Learning” in the edited book E-learning-A Boom or Curse written by **Lakhvir Singh** has been published by 21st century Patiala, on pages 147-153 in the year May, 2015.

Brand and Distribution Management, written by **Babita Singla** has been published by Kalyani Publisher in the year 2015.

FDP ATTENDED BY FACULTY

F.D.P. on paper “Higher Education in India” by Dr. Rajinder Singh Sekhon and Dr.Sushil Kumar which was attended by the faculty “**Dr. N.L.Sharma, Dr. Jagdev Kumar, Amandeep Kaur, Khushboo Chopra and Sukhpal kaur.**

Dr. Tejinder Singh, Dept. of computer science, BFC attended a faculty development program on topic Web Technologies Through ICT organized by National institute of technical Teachers Training and Research (NITTTR) at National institute of technical Teachers Training and

Research (NITTTR) on dated 02/02/2015 to 06/02/2015.

Dr. Tejinder Singh, Dept. of computer science, BFC attended a faculty development program on topic Certificate Course On Research Methodology (Professionals Category) organized by ALEXIS FOUNDATION through ONLINE mode from dated Jan 2015 to March 2015.

Er. Gurpreet Singh, Dept. of computer science, BFC attended a faculty development program on topic Computer Networking with CCNA organized by National institute of technical Teachers Training and Research (NITTTR) at National institute of technical Teachers Training and Research (NITTTR) on dated 19/01/2015 to 23/01/2015.

Ms. Ramandeep Kaur, Dept. of computer science, BFC attended a faculty development program on topic Web Technologies Through ICT organized by National institute of technical Teachers Training and Research (NITTTR) at National institute of technical Teachers Training and Research (NITTTR) on dated 02/02/2015 to 06/02/2015.

Amanpreet Singh, Department of Geography, BFC has attended a two day workshop on Redefining Literacy in the Emerging Digital Society organized by Bhutta college of Education, Ludhiana on dated 5feb to 6feb 2015.

Parveen Rani & Lakhvir Singh, dept of Economics, BFC attended a 2 days' International Workshop on topic Redefining literacy in the emerging digital society organized by Butta college of education. at Ludhiana on dated 5 February to 6 February 2015.

Jaswinder Singh, dept of physical education, BFC attended a International workshop on topic Sports, Health and sports Economics organized by Guru granth sahib world university at Fatehgarh Sahib on 3-4 March 2015.

Dr. Manish Gupta, Dean Resarch and Development attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

B.S. Brar, Head ,deptt. of Applied Sciences attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Kanwaljeet Kaur, deptt. of Applied Sciences attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Ramandeep Kaur, deptt. of Applied Sciences attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Parminder Kaur, deptt. of Applied Sciences attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Ankit Sharma, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Chinu, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Charandeep Singh Bedi, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Ekta Nagpal, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Garima Mahajan, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Jyoti Bansal, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Kanika, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Dr. Meenakshi S Arya, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Ramil Gupta, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in

Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Ramneek Singh, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Ramneek Singh, dept of CSE, college BFCET attended a faculty development program on topic “Intellectual Property Rights” organized by R&D Department of BFGI dated July 2015.

Sunil Nagpal, dept of CSE, college BFCET attended a faculty development program on topic “E-GOVERNENCE in Educational Institutions” organized by NITTTR at BFCET dated 27 to 31 July 2015.

Er. Tanu Taneja, Department of Civil engineering ,college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. Vineet Garg, Department of Civil engineering ,college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. Ajitesh Garg, Department of Civil engineering ,college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. Gundeep Bansal, Department of Civil engineering ,college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July

2015 to 31 July 2015.

Er. Rajan Vinayak, Department of Civil engineering ,college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. Sandeep Maan, Department of Civil engineering ,college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. Gurkirtan Sharma, Department of Civil engineering ,college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Deepinder Singh, Deptt of ECE,college BFCET,BTI attended a faculty development program on topic E-Governance in Technical Institutes organized by NITTTR,CHD at BFCET,BTI on dated 27 to 31 July 2015.

Gaurav Bansal, Deptt of ECE,college BFCET,BTI attended a faculty development program on topic E-Governance in Technical Institutes organized by NITTTR,CHD at BFCET,BTI on dated 27 to 31 July 2015.

Hardeep Singh, Deptt of ECE,college BFCET,BTI attended a faculty development program on topic E-Governance in Technical Institutes organized by NITTTR,CHD at BFCET,BTI on dated 27 to 31 July 2015.

Pushpinder Sharma, Deptt of ECE,college BFCET,BTI attended a faculty development program on topic E-Governance in Technical Institutes organized by NITTTR,CHD at BFCET,BTI on dated 27 to 31 July 2015.

Swaranjeet Singh, Deptt of ECE,college BFCET,BTI attended a faculty development program on topic E-Governance in Technical Institutes organized by NITTTR,CHD at BFCET,BTI

on dated 27 to 31 July 2015.

Er. Harsimran Singh, Dept. of Electrical Engg. attended a Faculty Development Program on “Optimization Techniques in Engg. Research & Development organized by SLIET LONGOWAL on 9th March'15 to 13th March'15.

Er. Harsimran Singh, Dept. of Electrical Engg attended a Faculty Development Program on “Initiatives by Govt. in enabling E-governance in Education organized by NITTR Chandigarh at BFGI Campus (ONLINE & LIVE) on 27th July 2015 to 31st July 2015.

Er. Abhi Garg, Dept. of Electrical Engg attended a Faculty Development Program on “Initiatives by Govt. in enabling E-governance in Education organized by NITTR Chandigarh at BFGI Campus (ONLINE & LIVE) on 27th July 2015 to 31st July 2015.

Er. Karandeep Purthi, Dept. of Electrical Engg attended a Faculty Development Program on “Initiatives by Govt. in enabling E-governance in Education organized by NITTR Chandigarh at BFGI Campus (ONLINE & LIVE) on 27th July 2015 to 31st July 2015.

Er. Sabina Chawla, Dept. of Electrical Engg attended a Faculty Development Program on “Initiatives by Govt. in enabling E-governance in Education organized by NITTR Chandigarh at BFGI Campus (ONLINE & LIVE) on 27th July 2015 to 31st July 2015.

Er. Sabina Chawla, Dept. of Electrical Engg attended a Faculty Development Program on “Initiatives by Govt. in enabling E-governance in Education organized by NITTR Chandigarh at BFGI Campus (ONLINE & LIVE) on 27th July 2015 to 31st July 2015.

Er. Charanjeet Singh, Dept. of Electrical Engg attended a Faculty Development Program on “Initiatives by Govt. in enabling E-governance in Education organized by NITTR Chandigarh at BFGI Campus (ONLINE & LIVE) on 27th July 2015 to 31st July 2015.

Er. Jarnail Singh, Department of Information technology, college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. JashanPreet, Department of Information technology, college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. Harsharndeeep Singh, Department of Information technology, college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Er. Harleen Kaur, Department of Information technology, college of engineering and technology attended a faculty development program on topic “E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Gaurav Garg, dept. of Mechanical Engineering, college Baba Farid College of Engineering and Technology attended a faculty development program on topic E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Satnam Singh, dept. of Mechanical Engineering, college Baba Farid College of Engineering and Technology attended a faculty development program on topic E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Ripandeep Singh, dept of Mechanical Engineering, college Baba Farid College of Engineering and Technology attended a faculty development program on topic E-Governance in Technical Institutions” organized by “Baba Farid College of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July

2015 to 31 July 2015.

Arshdeep Singh Kalsi, dept of Mechanical Engineering, college Baba Farid College of Engineering and Technology attended a faculty development program on topic E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Anoop Monga, dept of Mechanical Engineering, college Baba Farid College of Engineering and Technology attended a faculty development program on topic E-Governance in Technical Institutions” organized by “Baba Farid College Of Engineering And Technology in collaboration with “National Institute of Technical Teaching Training and Research (NITTTR), Chandigarh” at BFGI on dated 27 July 2015 to 31 July 2015.

Babita Singla, Baba Farid College of Management & Technology, Bathinda attended a faculty development program on “Basics of Spss: Theory and Practical” organized by BFCMT on dated July 8, 2015 to July 9, 2015.

Deepinder Singh, Baba Farid College of Management & Technology, Bathinda attended a faculty development program on “Basics of Spss: Theory and Practical” organized by BFCMT on dated July 8, 2015 to July 9, 2015.

Sachin Dev, Baba Farid College of Management & Technology, Bathinda attended a faculty development program on “Basics of Spss: Theory and Practical” organized by BFCMT on dated July 8, 2015 to July 9, 2015.

Bhawana Khanna, Dept of BBA 2nd & 3rd year, Baba Farid College has attended a faculty development program on “Basics of Spss: Theory and Practical” organized by BFCMT at Innovation centre of Baba farid group of institutions on dated July 8, 2015 to July 9, 2015.

Niti Sharma, Dept of BBA 2nd & 3rd year, Baba Farid College has attended a faculty development program on topic “Basics of Spss: Theory and Practical” organized by BFCMT at Innovation centre of Baba farid group of institutions on dated July 8, 2015 to July 9, 2015.

Sandeep Sehagal, Dept of BBA 2nd & 3rd year, BFCMT attended a faculty development program on topic “Basics of Spss: Theory and Practical” organized by BFCMT at Innovation centre of Baba farid group of institutions on dated July 8, 2015 to July 9, 2015.

Himanshi Bansal, Dept of BBA 2nd & 3rd year, BFCMT attended a faculty development program on topic "Basics of Spss: Theory and Practical" organized by BFCMT at Innovation centre of Baba farid group of institutions on dated July 8, 2015 to July 9, 2015.

Kanika, dept of B.Com(R) 2nd and 3rd year , BFCMT attended a faculty development program on topic "Basics of SPSS: Theory and Practical" organized by BFCMT at Innovation Centre of Baba Farid Group of Institutions on dated 08 July 2015 to 9 July 2015.

Gagandeep Kaur, dept of B.Com(R) 2nd and 3rd year, BFCMT attended a faculty development program on topic "Basics of SPSS: Theory and Practical" organized by BFCMT at Innovation Centre of Baba Farid Group of Institutions on dated 08 July 2015 to 9 July 2015.

Anita Rani, dept of B.Com(R) 2nd and 3rd year, BFCMT attended a faculty development program on topic "Basics of SPSS: Theory and Practical" organized by BFCMT at Innovation Centre of Baba Farid Group of Institutions on dated 08 July 2015 to 9 July 2015.

Sakshi, dept of B.Com(R) 2nd and 3rd year , BFCMT attended a faculty development program on topic "Basics of SPSS: Theory and Practical" organized by BFCMT at Innovation Centre of Baba Farid Group of Institutions on dated 08 July 2015 to 9 July 2015.

Parminder Singh, dept of B.Com(R) 2nd and 3rd year , BFCMT attended a faculty development program on topic "Basics of SPSS: Theory and Practical" organized by BFCMT at Innovation Centre of Baba Farid Group of Institutions on dated 08 July 2015 to 9 July 2015.

Namandeep Kaur, Dept of BBA 1st year, Baba Farid College has attended a faculty development program on topic "BASICS OF SPSS: THEORY AND PRACTICAL" organized by BFCMT at Innovation centre of Baba farid group of institutions on dated July 8, 2015 to July 9, 2015.

Amritpal Singh, Dept of BBA 1st year, Baba Farid College has attended a faculty development program on topic "BASICS OF SPSS: THEORY AND PRACTICAL" organized by BFCMT at Innovation centre of Baba farid group of institutions on dated July 8, 2015 to July 9, 2015.

Parminder Kaur, dept of BBA 1st, college BFCMT BFGI attended a faculty development program on SPS organized by BFCMT Bathinda on dated to JULY 2015.

Shallu Dhir, dept of BBA 1st, college BFCMT BFGI attended a faculty development program on SPSS organized by BFCMT at BFGI Bathinda on dated to JULY 2015.

Sukhdeep Kaur, dept of B.COM 1, college BFCMT attended a faculty development program on topic SPSS organized by BFCMT at INNOVATION CENTER on dated 8TH JULY to 9th JULY.

Sanjay Sharma, dept of B.COM 1, college BFCMT attended a faculty development program on topic SPSS organized by BFCMT at INNOVATION CENTER on dated 8TH JULY to 9th JULY

Jatinder Kaur, dept of B.COM 1, college BFCMT attended a faculty development program on topic SPSS organized by BFCMT at INNOVATION CENTER on dated 8TH JULY to 9th JULY

Aman Kaur Sra, dept of B.COM 1, college BFCMT attended a faculty development program on topic SPSS organized by BFCMT at INNOVATION CENTER on dated 8TH JULY to 9th JULY

Randhir Grover, dept of B.COM 1, college BFCMT attended a faculty development program on topic SPSS organized by BFCMT at INNOVATION CENTER on dated 8TH JULY to 9th JULY.

Neetu Singh, dept of MBA & M.COM, college BFCMT attended a faculty development program on topic Basics of SPSS Theory & Practices organized by BFCMT at Innovation Center, BFGI on dated 08/07/15 to 09/07/15.

Dr. Sonia Baghla, dept of MBA & M.COM, college BFCMT attended a faculty development program on topic Basics of SPSS Theory & Practices organized by BFCMT at Innovation Center, BFGI on dated 08/07/15 to 09/07/15.

Rohit Sharma, dept of MBA & M.COM, college BFCMT attended a faculty development program on topic Basics of SPSS Theory & Practices organized by BFCMT at Innovation Center, BFGI on dated 08/07/15 to 09/07/15.

Amandeep Kaur Sandhu, dept of MBA & M.COM, college BFCMT attended a faculty development program on topic Basics of SPSS Theory & Practices organized by BFCMT at Innovation Center, BFGI on dated 08/07/15 to 09/07/15.

Parwinder Singh, dept of Education, college Baba Farid College of Education attended a faculty development program on topic SPSS organized by Baba Farid College of

Management & Technology at Innovation Center Seminar hall on dated 08/07/15 to 09/07/15.

Sandhya Rani, D.A.V.college of education, Abohar, one day workshop on "Uniformity in lesson plan format" organized by 7th, 2015

Pinky Rani, dept Education, Khalsa College of Education, Sri Muktsar Sahib attended a faculty development program on "Uniformity in Lesson Plan Format" organized by Punjab University, Chandigarh at D.A.V. College of Education, Abohar on dated February 7th, 2015

Sapna Soni, dept of Education, college Baba Farid College of Education, Bathinda attended a faculty development program on topic 'Redefining Literacy in the Emerging Digital Society' organized by College Development Council, Panjab University Chandigarh at Bhutta College of Education, Ludhiana on dated February 5-6, 2015.

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.

REFRESHER COURSES ATTENDED BY THE FACULTY

Mrs. Ranbir Kaur Brar, Dept. of computer science, BFC attended Summer School organized by Punjabi University, Patiala at Punjabi University, Patiala on dated 22/06/2015 to 11/07/2015.

INVITED TALKS / EXPERT TALKS BY THE FACULTY

Dr. Tejinder Singh delivered a lecture on topic "Java Project" and "Software Engineering" at GianJyoti Girls College, Bathinda on dated March 25, 2015 as an expert.

Er. Gurpreet Singh delivered an lecture on topic, "Java Project" and "Software Engineering" at GianJyoti Girls College, Bathinda On dated March 25, 2015 as an expert.
Dr. Jagdev Kumar (D.A.V.College, Abohar and D.A.V. College, Malout).

PATENT FILED/GRANTED

Er. Anoop Monga, Department of Mechanical Engineering, BFCET

The Development of Sliding Wear apparatus known as Pin-on-Disc confirmed to ASTM G-99 Standard with Dry and Wet conditions as parameters along with parameters such as Load, Distance, Friction, Mass Loss and Speed. The set-



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