



BFGI NEWSLETTER

DEPARTMENT OF RESEARCH & INNOVATION

2018 Volume 6 | Issue 1

Research & Innovation



What's Inside

Ph.D Degrees Awarded	01
Post Doctorate	01
FDP/Workshop Organised	01
Expert Lecture Organised	01
Publication in Journals	01-03
Publication in Conferences	03-04
Presentation in Conferences	04-06
Books Published/Book Chapters	06
FDP Attended by Faculty	06-12
Invited Talks/Expert Talks by Faculty	12
Patents	12
Consultancy Projects	12
Expert Talk	12-13
Entrepreneurship Awareness Camp	12-14

PH.D DEGREES AWARDED

Dinesh Kumar of Department of History has been awarded Ph.D. degree in the 2018 title of thesis being: Rise Cultural Nationalism in Modern India: A Study of Contribution Of Swami Vivekanand

Ramanpreet Kaur of Department of Commerce has been awarded Ph.D degree in the year 2018, title of thesis being: HR Practices in Indian Banking Industry- A Case Study of Punjab

POST DOCTORATE

Dr. Tejinder Singh of Computer Science has been awarded D.Sc. (Post Doctorate) degree in the 2018, Title of thesis: A study of E-Learning Methodologies and Tools for achieving pragmatic at senior secondary level school in Punjab, from New World Mission Dunamis International University, Elands port, South Africa.

FDP/WORKSHOP ORGANISED

Faculty Development Program in ***Novel Approaches in Research for Agriculture and Biotechnology*** has been organized by Department of Agriculture, Baba Farid College from 16th to 17th Jan 2018.

One Day workshop on ***Computational Fluid Dynamics Using ANSYS Workbench*** organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Faculty Development Program on ***Outcome based teaching learning skills in digital age*** has been organized by BFCET from 16th July, 2018 to 21st July 2018 sponsored by ISTE and AICET.

EXPERT LECTURE ORGANISED

Kiran K. Singh from Central University of Punjab, Bathinda, delivered the talk ***Post Modernism and Gender Issues in Geography***, organized by Department of Geography on 13th March 2018.

PUBLICATIONS IN JOURNALS

Gaurav Arora, H.S. Jassal and S.S. Dhaliwal Characteristics, classification and land capability evaluation of soils of Maili watershed of Hoshiarpur District of Punjab. *Green Farming*, **9**: 713-719, 2018.

Mohamad Hidayat Ullah and Varinder Kaur, Comparison Of Literacy Rate Among Both The Gender In Urban – Rural India, *IMPACT: International Journal of Research in Humanities, Arts and Literature*, **6**, 673-682, 30 Jun 2018.

Ramanpreet Kaur, Review on Record Based Model, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, Volume 6 Issue V, May 2018.

Ramanpreet Kaur, Review on Boolean Algebra in Mathematics and Computing, *International Journal of Mathematics and Physical Sciences Research*, Vol. 6, Issue 1, pp: (72-75), April 2018.

Vivek Sharma ,Priyanka Srivastava,Santosh Kumar Bhardwaj and D.D.Agarwal, Iodination of industrially important aromatic compounds using N-Iodosuccinimide by grinding method, *Green Processing and Synthesis*, January 2018.

Navneet Garg, Khushmanpreet Kaur, Nandani Rani, A Brief Study of Relation between Lie Derivative, Exterior Derivative and Contraction, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, **6 (IV)**, 805-806, 2018.

W. S. Brar, Independence of Mean Squares in Unbalanced Nested Designs, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, **6(II)**, 1420-1424, 2018.

Navdeep Kochhar, Impact of Social Media on Business Strategies, *International journal for research in Applied Science and Engineering Technology*. Vol No. 6, Issue No. 5 May 2018.

Ramanpreet Kaur, Impact of social media on business strategies, *International Journal for Research in Applied Science & Engineering Technology*, Volume No.06, Issue No. 5, May. 2018.

Ramandeep Kaur, Amandeep Kaur Cloud computing: a focus on security issues in cloud computing region,

International Journal of Advanced Research in Computer Science, Vol. No. 9, Issue No March 2018.

Ramandeep Kaur, Veerpal Kaur, A deterministic approach for disease prediction in plants using Deep learning, International Journal of Computer Science and Mobile Computing, Vol No 7, Issue 2, Feb 2018.

Navpreet Kaur, Satinder Kaur, A Novel Technique to decrease BER using waterfill Algorithm in OFDM-MIMO, International Journal of Computer Science and Mobile Computing, Vol No. 7, Issue No 2, Feb 2018.

Gurpreet Singh, Mobility and scalability management issue in VANET, International Journal of Advance Research in Science and Engineering Vol. No. 7, Special Issue No 02, Jan 2018.

Ankit Sharma, Ekta, Review on Machine Learning Based Suggestion System in International Journal of Computer Science and Engineering, Vol. 6, page 242-244, 2018.

Chinu Verma, Ramil Gupta, Ekta, Web Searching an art, International Journal of Computer Science and Engineering, in International journal of computer science and engineering, Vol.6, page 493-496, 2018.

Navjot Singh, Ankit Sharma, Ramil Gupta, Lifi-Next Generation Technology in Wireless Data Communication in International Journal of Computer Networks and Wireless Communications (IJCNC), Vol.8, page 493-496, May-June 2018.

Amandeep Kaur, Amandeep Singh, Navjot Singh, Review on Energy Harvesting in Wireless Sensor Networks in International Journal of Computer Networks and Wireless Communications IJCNC, Vol.8, page 14-19, 2018.

Navjot Singh, Prabhjeet Kaur, Baljeet Kaur, Amandeep Kaur A Comparative Analysis of Various CPU Scheduling Algorithms in International Journal of Engineering Research

and Application, Vol. 8, page 33-35, 2018.

Ramil Gupta, Chinu Verma, Navjot Singh, Mutation Operators in Python using SMT-Pin International Journal of Computer Sciences and Engineering, Vol. 6, page 776-778, 2018.

Charandeep Singh Bedi and Ramandeep Kaur, A Technique for Audio Steganography in journal of Emerging Technologies and Innovative Research (JETIR), Vol. 5, page 530-534, 2018.

Shaganpreet Kaur and **Chinu Verma**, Comparative analysis of data mining techniques, in International Journal of Computer Sciences and Engineering Vol.6, page 301-304, April 2018.

Ravinder Kaur and **Ashu Bansal**, A Review on Wormhole Detection and Prevention Techniques in Wireless Sensor Network, in International journal of innovation & advancement in Computer science, Vol. 7, page 225-228, 2018.

Ravinder Kaur and **Ashu Bansal**, Detection and prevention of Wormhole Attack on AOMDV Routing Protocol using Hop-count and Communication Range in WSN, in International journal of innovation & advancement in Computer science, Vol. 7, page 229-234, 2018.

Suman Rani, Balwinder Singh, Investigation of Schottky Barrier, Conventional and Tunnel Carbon Nanotube Field Effect Transistor for Low Power Design Journal of Nano electronics and Optoelectronics Volume 13, Number 1, pp. 76-82(7) 2018.

Abhi Garg and Dinesh Kumar Dirty Electricity and Electromagnetic Radiations by Lightning Devices, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume-7 Issue-4, 2018.

Tejinder Pal Singh Sarao, Harpreet Singh & Hazoor Singh, Enhancing Biocompatibility and Corrosion Resistance Of Ti-6Al-4V Alloy By Surface Modification Route, Journal of Thermal Spray Technology, <https://doi.org/10.1007/s11666-018-0746-73>.

B.S.Brar, A Construction of GTRS Code published in International Journal of Engineering, Science and Mathematics, Vol. 7 Issue 5, May 2018.

Kanwaljeet Kaur, Propagation of a Homogeneous incompressible impure Viscoelastic Fluid through a Circular Pipe under the Influence of Transverse Magnetic Field, International Journal of Advance Research in science and Engineering 7(6), pp184-189, April 2018.

Kanwaljeet Kaur, Jaswinder Kaur, Introduction to Fluid Mechanics: A Review, International Journal of Management, Technology And Engineering, Volume 8, Issue VII, pp.1461-1470, July 2018.

Anoop Monga, Sliding wear behavior of copper-graphite composite material for use in maglev transportation system Wear , vol.265, pp 1087–1092 , July 2018.

Anoop Singh, Deepen Bej, Anoop Monga, Study of Slurry Erosion and Optimized Remedial Method : A Review, International Journal of Advance Research in science and Engineering 7(6), pp106-112, April 2018.

Anoop Monga, Shalav Gumber , Himanshu Grover, Study of Abrasion Wear and Factors Affecting Wear Rate, International Journal of Advance Research in science and Engineering 7(6), pp113-120, 2018.

Manjot Singh, Manpreet Singh, **Anoop Monga** , STUDY ON ABRASION WEAR: A REVIEW, International Journal of Advance Research in science and Engineering 7(6), pp.121-128, 2018.

Jagmeet Singh, Ajay Singh, **Anoop Monga**, Study on Wear in Engineering Materials: A Review , International Journal of Advance Research in science and Engineering 7(6), pp.129-136, 2018.

Sonia Baghla, General Profile of Micro, Small and Medium Entrepreneurs in Punjab in International Journal of Advance Research in Science and Engineering, Volume No. 07, Special Issue No. 03, 2018.

Nisha Acharya, An effectiveness of Employee Job Satisfaction on Employee Performance: A Study on Academic Institution of Higher Education in International Journal of Enhanced Research in Management and Computer Applications (IJERMCA), Volume No. 7, Special Issue No. 04, 2018.

Kuldeep Singh and Arjun Sharma, Human Resource in

Organised Rural Retail Outlets: A Study of Punjab, International Journal of Management Technology and Engineering (IJMTE), Volume No. 8, Issue No. 07, July 2018.

Parmpal Singh and Parminder Singh Organised Retailing in India: Emerging Challenges and Strategies, International Journal of Enhanced Research in Management & Computer Applications (IJERMCA), Volume No. 7, Special Issue No. 04, 2018.

Jatinder Kumar, Amanpreet Singh Sethi & Jaspreet Singh Oberoi, Impact of Organic Product Attributes on Buyers' Buying Behavior with Special Reference to Health Consciousness, International Journal of Enhanced Research in Management & Computer Applications (IJERMCA), Volume No. 7, Issue No. 4, 2018.

Jatinder Kumar, Amanpreet Singh Sethi & Jaspreet Singh Oberoi, Trust on Organic food Products and its impact on Buyers' Buying Behavior with special Reference to Quality, Self fulfillment and Eco friendly Behavior, International Journal of Movement Education and Social Science, Volume No. 7, Issue No. 2, Jan-June 2018.

Navneet Garg, Khushmanpreet Kaur and Nandani Rani, A Brief Study of Relation between Lie Derivative, Exterior Derivative and Contraction, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol: 6, issue no: IV, Page No. 805-806, 2018.

Mohamad Hidayat Ullah presented a paper on Comparison Of Literacy Rate Among Both The Gender In Urban – Rural India , IMPACT: International Journal of Research in Humanities, Arts and Literature, 6, 673-682, 30 Jun 2018.

PUBLICATIONS IN CONFERENCES

Tejinder Singh, A History of E-Learning, International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC) , With Catatog, organized by Priyadarshini Engineering College, Vellare District, Tamil Nadu, India During 28th & 29 January 2018, ISBN: 978-1-5386-4303-7.

Ekta, Ankit Sharma, Chinu Verma, Temporal Databases – A Review, International Conference on recent trends and innovation in engineering sciences and management, AIET Faridkot, 14-15 April 2018.

Gurpreet Kaur, Ramil Gupta and Sunil Nagpal, Comparative Analysis of Various Hand Gesture Recognition Techniques, International Conference on Innovative Research in Engineering, Science, Management and Humanities (ICIRESMH-2018), Institution of Engineers India, Visvesvaraya Bhavan, Hyderabad, Telangana, India, 18th March 2018.

N.L Sharma, Cultural Background of Major Diasporic Novelists & their works, UGC sponsored National seminar on topic diasporic Indian English literature: issues and concern, D.A.V College, Bathinda, 28th March 2018.

PRESENTATION IN CONFERENCE

Lakhwinder Singh, presented the paper on title Ashtadhyayi; Dharshinik Sandharb In the Two-day national conference on research in languages, literature and social sciences modern perspectives and prospects organised by GK university college of Basic Sciences & Humanities on 9-10 August 2018.

Lakhwinder Singh, presented the paper on title Bharat vich Sanskrit viykran da janm te vikash. Fifth all india conference on linguistics, folklore and culture in the Two-day national conference on research in languages, Guru Nanak Dev University, Amritsar on 22-23 Feb 2018.

Sukhraj Singh present a paper, Punjabi Bhasha Da Bhavikh In Punjabi Sbhyachar Te Vishvikarn Da Parvabh organised by DAV College, Bathinda, on 31-March, 18.

Sukhraj Singh present a paper Punjabi Novel De Aanchlik 'Vimb' at Guru Kashi University, Talwandi Sabo, Bathinda, Punjab on 9-August, 2018.

Vivek Sharma, Chemical Degradation of waste PET-bottles using Hydrotalcite as catalyst. National conference on Emerging Scenario in basic and applied sciences for sustainable development by DAV College, Bathinda On April 05, 2018.

Samriti, Ifficacy of radii mix formulation 505EC

sypermethrin and chlorpyriphos individually against spidermites, soil acarid fauna and honey bees on okricrop, International conference in Guru Jambheshwar university of science and Technology Hissar on 22 February 2018.

Gurpreet Singh, presented the paper Mobility and scalability management issues in VANET, 13th International Conference on Recent trends in Engineering Science and Management by Vedant College of Engineering and technology, Bundi, Rajasthan on 21-22 Jan 2018.

Parkash Singh & G. K. Sangha presented the paper Histomorphological and biochemical studies in ovaries of female *Tatera indica* and *Bandicota bengalensis* inhabiting South-West region of Punjab in North India 21st Punjab Science Congress Scientific Advances for Inclusive Development and Environmental Protection, February 7-9, 2018 organized by Punjab Agricultural University, Ludhiana (Under the aegis of Punjab Academy of Science).

Kanwaljeet Kaur presented the paper Propagation of a Homogeneous incompressible impure Viscoelastic Fluid through a Circular Pipe under the Influence of Transverse Magnetic Field in the 1st International Conference on Recent Trends and Innovation in Engineering, Sciences and Management, organised by Adesh Institute of Engineering & Technology, Faridkot on 14-15 April 2018.

Kanwaljeet Kaur presented the paper Introduction to Fluid Mechanics: A Review XIV International Conference on Recent Trends in Engineering Science and Management (ICRTSM-18), organised by Osmania University Centre for International Program, Osmania University Campus, Hyderabad (India) on 29th July 2018.

Jasvinder Singh presented the paper Construction of (3,L) QCLDPC codes with girth atleast 6, XIV International Symposium on advances in Mathematical Sciences and Applications in Engineering and Trechnology, organised by Department of Mathematics, Poornima University, Jaipur on 27th-29th April, 2018.

Jasvinder Singh presented the paper On the search of QCLDPC codes with girth atleast 6, Emerging

scenario in Basic and Applied Sciences for Sustainable Development, organised by Faculty of Sciences, DAV college Bathinda on 5th April, 2018.

Ekta presented the paper Temporal Databases – A Review in the International Conference on recent trends and innovation in engineering sciences and management organised by AIET Faridkot on 15 April, 2018.

Ramil Gupta presented the paper Comparative Analysis of Various Hand Gesture Recognition Techniques in the International Conference on Innovative Research in Engineering, Science, Management and Humanities (ICIRESMH-2018) organised by Institution of Engineers India on 18 March 2018.

Sonia Baghla presented the paper on, Role of Technology in the Development of Trade and Commerce, Emerging Trends in Engineering and Technology organised by Bharati Vidyapeeth's College of Engineering, Kolahpur on 10th March 2018.

Sonia Baghla presented the paper on, General Profile of Micro, Small and Medium Entrepreneurs in Punjab, Recent innovations in Science, Engineering and Management organized by Genba Spooanrao Moze College of Engineering, Balewadi-Baner, Pune, India on 7th April, 2018.

Sonia Baghla presented the paper on, GST Impact on MSMEs in India, GST: A Beacon of Hope For India-Issues & Challenges organized by P,G, Department of Commerce & Management on 9th April, 2018.

Nisha Acharya and Deepti Sharma presented the paper on, An effectiveness of Employee Job Satisfaction on Employee Performance: A Study on Academic Institution of Higher Education in 2nd International Conference on Research Developments in Applied Science, Engineering and Management (AEM- 2018) organized by The Indian Council of Social Science Research (ICSSR) on 8th – 9th April, 2018.

Kuldeep Singh presented the paper on, Human Resource in Organised Rural Retail Outlets: A Study of Punjab in 2nd International Conference on Research Developments in Applied Science, Engineering and Management (AEM- 2018) organized by The Indian Council of Social Science Research (ICSSR) on 8th – 9th

April, 2018.

Arjun Sharma presented the paper on, Human Resource in Organised Rural Retail Outlets: A Study of Punjab in 2nd International Conference on Research Developments in Applied Science, Engineering and Management (AEM- 2018) organized by The Indian Council of Social Science Research (ICSSR) on 8th – 9th April, 2018.

Sakshi Thakral presented the paper on, Performance Evaluation on Different DTN routing Protocols under Black whole Attack in 1st International Conference on Recent Trends and Innovation in Engineering, Sciences and Management organized by Adesh Institute of Engineering & Technology, Faridkot on 14th – 15th April, 2018.

Parmal Singh and Parminder Singh presented the paper Organised Retailing in India: Emerging Challenges and Strategies in the 2nd International Conference on Research Developments in Applied science, Engineering and Management organised by The Indian Council of Social Science Research on 8th – 9th April, 2018.

Parminder Singh presented the paper Organised Retailing in India: Emerging Challenges and Strategies in the 2nd International Conference on Research Developments in Applied science, Engineering and Management organised by The Indian Council of Social Science Research on 8th – 9th April, 2018.

Jatinder Kumar presented a paper on Impact of Organic Product Attributes on Buyers' Buying Behavior with Special Reference to Health Consciousness in 2nd International Conference on Research Developments in Applied Science, Engineering and Management (AEM- 2018) organized by The Indian Council of Social Science Research (ICSSR) on 8th – 9th April, 2018.

Jatinder Kumar presented a paper on Trust on Organic food Products and its impact on Buyers' Buying Behavior with special Reference to Quality, Self fulfillment and Eco friendly Behavior in 1st International Conference on Recent Trends and Innovation in Engineering, Sciences and Management organized by Adesh Institute of Engineering & Technology, Faridkot on 14th – 15th

April, 2018.

Sukhdarshan Singh, presented a paper on National Commission for Children Maharishi Dayanand College of Education, Abohar, 17th feb.2018.

Sukhdarshan Singh, presented a paper on Judicial Activism: A Study of Contemporary Judicial System In India Guru Kashi University, Talwandi Sabo Bathinda, 10th August 2018.

Sukhdarshan Singh, presented a paper on Political Science, Baba Farid College, Intellectual Property Rights and thesis Writing, Guru Kashi University, Talwandi Sabo Bathinda, 13th July 2018.

Ramanpreet Kaur, presented a paper on Professional Ethics in Teacher Education, Quality Teacher Education, Maharishi Dayanand College of Education, Abohar, 19th feb, 2018.

Ramanpreet Kaur, presented a paper on Human Rights of Children, Human Rights of Children, Maharishi Dayanand College of Education, Abohar, 17th feb, 2018.

Ramanpreet Kaur, presented a paper on Indian Society and Value Based Education, Value Education for Life, Muktisar Institute of Higher Education, 9th feb 2018.

Kuldeep Kaur, presented a paper on Ajmer Singh Aulakh: Chintan Da Manthan, 9, Lok Geet Parkashan Chandigarh, August 2018.

Kulwinder Singh presented the paper on National Commission for Children in the Protection of Human Rights Act organised by Maharishi Dayanand College of Education on 17 Feb., 2018.

Kulwinder Singh presented the paper on Strategies and Challenges for Value based Teacher Education in the Professional Ethics in Teacher Education organised by Maharishi Dayanand College of Education on 19 Feb., 2018.

Parwinder Singh presented the paper on National Commission for Children in the Human Rights of Children organised by Maharishi Dayanand College of Education on 17 Feb., 2018.

Parwinder Singh presented the paper International Seminar on Strategies and Challenges for Value based Teacher Education in the Quality Teacher Education-Need of the Hour organised by Maharishi Dayanand College of Education on 19 Feb., 2018.

Gurwinder Singh presented the paper National Commission for Children in the RTE ACT 2009 organised by Maharishi Dayanand College of Education on 17 Feb., 2018.

Gurwinder Singh presented the paper on Strategies and Challenges for Value based Teacher Education in the Semester System in Teacher Education organised by Maharishi Dayanand College of Education on 19 Feb, 2018.

Gurpreet Singh presented the paper on Towards Changing Educational Scenario in the Empowering Learners Beyond Cognition organised by Dev Samaj College of Education for Women on 28 April, 2018.

BOOKS PUBLISHED / BOOK CHAPTERS

Harvinder Kaur, Rural Labour Household-A Socio economic case study, Regal Publisher,- 2018.with ISBN no. 978-81-8484-684-3.

Jagminder Kaur, Ajmeir Singh Aulakh: Chintan da Manthan, Lok Geet Prakashan Chd, 2018.

Ramandeep Kaur and Manpreet Kaur, Tourism Industry Opportunities and Challenges, Chapter no 3., S.B. Nangla, A.P.H Publishing corporation, 08 to 19, 2018.

Harpreet Kumar, Ajmeir Singh Aulakh: Natak te Rangmunch, Chapter no.7, Lok Geet Prakashan Chd, 2018.

FDP ATTENDED BY THE FACULTY

Amit Saurabh Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Harpreet Kaur Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Kamaljeet Kaur Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Navneet Kaur Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Sarbjit Kaur Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Satwinder Kaur Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Valentina Chauhan Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Rani Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Pardeep Kaur of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Navdeep Kaur Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Gurpreet Singh of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Somandeep Kaur of Department of Agriculture, Baba

Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Navneet Kaur Dhillon of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Gurpreet Kaur of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Seema Ahuja of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Surbhi Sharma of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Harpal Singh of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Ashutosh Sharma of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

K.Seema of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Debabrata Dhar of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Parmeet Kaur of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Gaurav Arora of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Valentina Chauhan of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Lakhwinder Singh of Department of Agriculture, Baba Farid College attended FDP on novel Approaches in research for Agriculture and biotech organized by Baba Farid College from 16th to 17th Jan 2018.

Sukhraj Singh attended One day National Workshop on: Intellectual Property Rights and Thesis Writing organized by Guru Kashi University, Talwandi Sabo, Bathinda, Punjab on 13 July, 2018.

Ramandeep Kaur of Department of Economics, attended a Faculty Development Programme (ICSSR), New Delhi on Research Methodology organized by Central University of Punjab, Bathinda from 14 to 31 May 2018.

Gurkirtan Sharma of Department of Civil Engineering BFCET attended a Faculty Development Programme on Laboratory Testing on Soil Engineering organized by NITTTR Chandigarh on 19-02-2018 to 23-02-2018.

Gurkirtan Sharma of Department of Civil Engineering BFCET attended a Faculty Development Programme on Ansys Workbench & Ansys CFD Software organized by CADD Centre on 19th March 2018.

Tanu Taneja of Department of Civil Engineering BFCET attended a Faculty Development Programme on Ansys Workbench & Ansys CFD Software organized by CADD Centre on 19th March 2018.

Rajan Vinayak of Department of Civil Engineering BFCET attended a Faculty Development Programme on Ansys Workbench & Ansys CFD Software organized by CADD Centre on 19th March 2018.

Sandeep Maan of Department of Civil Engineering BFCET attended a Faculty Development Programme on Ansys Workbench & Ansys CFD Software organized by CADD Centre on 19-03-2018.

Vineet Garg of Department of Civil Engineering BFCET attended a Faculty Development Programme on Ansys Workbench & Ansys CFD Software organized by CADD Centre on 19-03-2018.

Harsimran Singh of EE DEPT BFCET Faculty Development Program on Ansys Workbench & Ansys CFD Software has been organized at Baba Farid Group of Institutions by CADD Centre Bathinda on 19.03.18.

Harsimran Singh of EE DEPT BFCET Two Days Intensive Training Program on Energy Conservation Building Code (ECBC) Simulation for Engineers has been organized by AKC Bathinda on 8.03.18.

Harsimran Singh of EE DEPT BFCET Three Days Workshop on Thermal Power Plant organized at National Power Training Institute Nangal on 19.04.18.

Sabina of EE DEPT BFCET Three Days Faculty Development Program For Students Induction Program has been organized by Chandigarh Engineering College, Mohali on 29.6.18 sponsored by AICTE.

Dinesh Kumar of EE DEPT BFCET Three Days Workshop on Thermal Power Plant organized at National Power Training Institute Nangal on 19.04.18

Tejinder Pal Singh Sarao, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Tejinder Pal Singh Sarao, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

B.S.Brar, Department of Applied Sciences, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

B.S.Brar, Department of Applied Sciences, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

B.S.Brar, Department of Applied Sciences, BFCET attended, the Short Term Course on Differential and Integral Equations organised by the Department of Applied Sciences of NITTTR at the Campus of National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh from 07th May, 2018 to 11th May, 2018 (One Week).

Jasvinder Singh, Department of Applied Sciences, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Jasvinder Singh, Department of Applied Sciences, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Kanwaljeet Kaur, Department of Applied Sciences, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Kanwaljeet Kaur, Department of Applied Sciences, BFCET attended a Faculty Development Programme on Student Induction Programme organised by AICTE at CEC Landran from 29th June to 01st July 2018.

Kanwaljeet Kaur, Department of Applied Sciences, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Gurjant Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Gurjant Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Kovid Sharma, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Kovid Sharma, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Kovid Sharma, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Recent Advancement in Materials, Manufacturing and Safety organised at MRSPTU from 25th July, 2018 to 30th July 2018.

Gaurav Garg, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Gaurav Garg, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Ajay Sidana, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Ajay Sidana, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning

skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Satnam Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Satnam Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Gurpreet Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Gurpreet Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Arshdeep Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Arshdeep Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Arshdeep Singh, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on, the Short Term Course on Differential and Integral Equations from 07th May, 2018 to 11th May, 2018 (One Week), organised by the Department

of Applied Sciences of NITTTR. at the of National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh.

Anoop Monga Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 3rd January, 2018.

Anoop Monga, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Outcome based teaching learning skills in digital age organised by Department of Mechanical Engineering, BFCET from 16th July, 2018 to 21st July 2018.

Anoop Monga, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on A four days course on 6-Sigma at Gurgaon, Qualified the 6-sigma Green Belt Certification, from 4th Jan-7th Jan 2018.

Ashish Yadav, Department of Mechanical Engineering, BFCET attended a Faculty Development Programme on Computational Fluid Dynamics Using ANSYS Workbench organized by Department of Mechanical Engineering, BFCET on 03rd January, 2018.

Sachin Dev, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Deepinder Singh, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Neetu Singh, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National

Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Amritpal Singh, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Jia Dhingra, BBA (2nd & 3rd Year), Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organised by National Institute of Technical Teachers Training and Research, Chandigarh from 07.05.2018- 18.05.2018 (Two Weeks).

Sukhdeep Kaur, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh from 07.05.2018 to 18.05.2018 (Two Week).

Surinder Chowdhary, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh from 07.05.2018 to 18.05.2018 (Two Week).

Kuldeep Singh, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Rajdeep Singh, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Sakshi Thakral, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Nisha Acharya, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology organized by TAPMI School of Business, Manipal University, Jaipur on 16.07.2018 to 22.07.2018.

Harjinder Singh, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh from 07.05.2018 to 18.05.2018 (Two Week).

Manjinder Singh, MBA, Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organized by National Institute of Technical Teachers Training and Research Chandigarh on 07.05.2018 to 18.05.2018 (Two Week).

Bhawana Khanna, BBA (2nd & 3rd Year), Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organised by National Institute of Technical Teachers Training and Research, Chandigarh from 07.05.2018- 18.05.2018 (Two Weeks)

Pavneet Kaur, BBA (2nd & 3rd Year), Baba Farid College of Management & Technology attended a Faculty Development Programme on Research Methodology through ICT organised by National Institute of Technical Teachers Training and Research, Chandigarh from 07.05.2018- 18.05.2018 (Two Weeks)

Ramandeep kaur, Department of Economics, attended a Faculty Development Programme (ICSSR), New Delhi on Research Methodology organized by Central University of Punjab, Bathinda from 14/5/2018 to 31/5/2018.

Kulwinder Singh, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Sapna Soni, Education, Baba Farid College of

Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Shivani Rani, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Navkiran Kaur, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Parwinder Singh, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Sandeep Singh, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Sandhya Rani, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Gurvinder Singh, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Gurwinder Singh, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Harpreet Kumar, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

Arshdeep Singh, Education, Baba Farid College of Education attended a Workshop on Teaching Skills organized by Baba Farid College of Education on 4th January, 2018.

INVITED TALKS / EXPERT TALKS BY THE FACULTY

Lakhwinder Singh, delivered a Expert Lecture on Linguistics and Punjabi Grammar at Gov. Brijendra College Faridkot on 9th April 2018.

Anoop Monga, Department of mechanical engineering, BFCET delivered Expert Lecture on Robotics at Yadavindra College of Engineering, Talwandi Sabo, on 07 Feb. 2018, organised by department of Mechanical Engineering, YCOE, Talwandi Sabo.

PATENTS

Gurpreet Singh, T.P.S. Sarao and Kovid Sharma of BFCET had filed Patent Application titled **A SUGARCANE HARVESTING MACHINE WITH DE-THRASHING GUIDING UNIT** under Application No: 201811028252 dated 27.07.2018 at Indian Patent Office New Delhi.

Anoop Monga, Jagmeet Singh, Ajay Singh and Himanshu Grover, Department of Mechanical Engineering, Baba Farid College of Engineering and Technology, Bathinda. had filled Patent Application Titled **"AUTOMATED ORANGE PEELER WITH MAGAZINE SYSTEM AND METHODS THEREOF"** under Application No: 201811023692 dated 26.06.2018 at Indian Patent Office New Delhi.

CONSULTANCY PROJECTS

Gurkirtan Sharma of Department of Civil Engineering BFCET has done 3 projects of Structure design.

Gurkirtan Sharma of Department of Civil Engineering BFCET has done 1 projects of Soil testing.

Rajan Vinayak & Sandeep Maan of Department of Civil Engineering BFCET has done 4 projects of Surveying.

EXPERT TALK HOW TO START A STAR-UP

A Expert Lecture on How to Start a Starup was organized by IIEC on 13th February, 2018. The expert

on this lecture was Mr. Ajay Godara founder CEO of ENOVATE SKILL (NITTTR Start-up).

While sharing his experiences Mr. Ajay Godara said students to "Just do it," he further said there is no right time to execute your ideas, you will never be ready, you will never have enough money, you will never feel confident that it is the idea that will change your world. If you keep waiting, the time will pass anyway. Prototype your Idea, fail fast, learn, and you will be getting closer to your goal."



Mr. Godara then told about the different entities in India and further told about their benefits and drawbacks. He also reflected the light on the different schemes launched by Government of India like Startup India, Make in India and Standup India. Further he told how to register the entity under Startup India Scheme and told about the benefits to register in the scheme. In the last he also had a practical session of students.

ENTREPRENEURSHIP AWARENESS CAMP

Baba Farid Group of Institutions through its Industry-Interactive Entrepreneurship Cell has organized 3-days Entrepreneurship Awareness Camp to give its students the technical overlook of the Entrepreneurship and Startups. This camp was sponsored by Department of Science and Technology (DST) & Entrepreneurship Development Institute (EDI), Government of India. Total 88 students perusing Science & Technology participated in this camp. This camp also aims at creating awareness among participants about various facets of entrepreneurship. The first day of the Entrepreneurship Awareness Camp witnessed a great kick-start with a very renowned speaker Mr. Balbir Singh, Vice President, NITCON,

Chandigarh. He has a vast experience in training for Entrepreneurship to students, dropouts and industrialists for around 30-40 years. The 1st day of camp was conducted in three different sessions based on the themes of "Need for Entrepreneurship", "Entrepreneurship as a career option" and "Entrepreneurial Qualities" respectively. While highlighting the merits of pursuing entrepreneurship as career option Mr. Singh added, he was confident that students had brilliant ideas but it was the fear that holds them back. He said that this fear creeps from the very fact that as starters one lacks knowledge of how to get start.

On the Second day of the Entrepreneurship Awareness camp resource person for the 1st session was Mr. R.K Gupta, retired Manager State Bank of Patiala. In his lecture he told the students about documents and all other ancillaries required for Bank Financing. He also shared the different subsidy schemes of the Banks for the Entrepreneurs.



Mr. P.K. Bhandari is a successful entrepreneur of Malwa region. He described his journey and struggles to motivate students to become an entrepreneur. Motivating students Mr. Bhandari in his lecture described that formal education only provide us living but self education make our fortune. He told the value of bounce back in life. He suggested to develop the habit to make daily dairy and to adjust the focus to create idea and work on it. Further Mr. Bhandari sharing his experience said Entrepreneurship has very little to do with money. It is instead an attitude and a way of thinking. It goes beyond simply starting a

company. In other words not all people who start their own organizations can necessarily be categorized as entrepreneurs. Entrepreneurs challenge assumptions, recognize opportunities in periods of change, reveal patterns where others see chaos and mobilize limited resource to achieve the objective.

Resource Person for the third Session was Mr. Amit Bansal, Chartered Accountant. He motivated the students and told that failure is part of entrepreneurship. Good entrepreneur must have the appetite to take risk. He further said today companies hire the person who had failed in their start-up as they know all the nitigrities required to run a successful venture. He discussed about the meaning of Entity and their role. He told about the structure, Benefits, role and functions of the three Entities: Private Limited Company; a Registered Partnership Firm; a Limited Liability Partnership. Mr. Bansal described the students about the flagship program run by Government of India that is Startup India and told different tax-exemptions given to the entities covered under Startup India. He also told about the role of Angel Investors and Venture Capitalists to run the Startup.

On the last day of the event there was an industrial visit to Sportking Industries which is is a well known brand in the Textile Industry where the officials of Sportking Industries described and showed the working of Industry to the students. During the visit students also got the chance to interact with President of Mr. Shiv Kumar Sharma Sportking.

The students attended the camp with full zeal and enthusiasm. Dr. Gurmeet Singh Dhaliwal appreciated the efforts of Industry-Interactive Entrepreneurship Cell for creating an entrepreneurial ecosystem in the campus and ensured full support to the IIEC in future.





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