

ANNEXURES

Annexure 1 – Conferences and Papers Presented

1. Sidhu GK, Mehrotra S and Mehrotra R (2014) Characterization of RubisCO and Carbon Concentration (CCM) proteins of *Gloeobacter violaceus* PCC7421 FAF-115, *International Conference on Emerging Trends in Biotechnology, ICETB 2014*. November 6-9, 2014, School of environmental sciences. Jawaharlal Nehru University and Biotech Research Society of India, JNU, New Delhi, India.
2. Nogia P, Mehrotra R and Mehrotra S (2014) Introducing cyanobacterial bicarbonate transporter gene (BicA) into inner envelope of C3 plant chloroplast to enhance carboxylase activity of RubisCO. FAF-114, *International Conference on Emerging Trends in Biotechnology, ICETB 2014*. November 6-9, 2014, School of environmental sciences. Jawaharlal Nehru University and Biotech Research Society of India, JNU, New Delhi, India.
3. Vandana, Mehrotra R, and Mehrotra S. Approaches for transplastomic integration of SbtA- a high affinity sodium bicarbonate transporter to C3 plants for enhanced CO₂ fixation. FAF-116. *International Conference on Emerging Trends in Biotechnology, ICETB 2014*. November 6-9, 2014, School of environmental sciences. Jawaharlal Nehru University and Biotech Research Society of India, JNU, New Delhi, India.
4. Bhalothia P, Alok A, Sharma B, Mehrotra S and Mehrotra R (2014) Cloning and characterization of protein phosphatase 2C (PP2C) like promoter from *Arabidopsis thaliana*. FAF-27, *International Conference on Emerging Trends in Biotechnology, ICETB 2014*. November 6-9, 2014, School of environmental sciences. Jawaharlal Nehru University and Biotech Research Society of India, JNU, New Delhi, India.
5. Renganaath KK, Pandey S, Mehrotra S and Mehrotra R (2014) Revisiting endosymbiosis in the light of nuclear mitochondrial cross talks mediated by the members of the telomere system. FAF-135, *International Conference on Emerging Trends in Biotechnology, ICETB 2014*. November 6-9, 2014, School of environmental sciences. Jawaharlal Nehru University and Biotech Research Society of India, JNU, New Delhi, India.
6. Mehrotra S and Trivedi PK (2014) Light regulates the splicing of the petB and petD introns of the psbB operon in *Populus deltoides*. *PLANT BIOLOGY EUROPE, FESPB/EPSO 2014 Congress*. The Convention centre, Dublin, Ireland, June 22-June 26, 2014.
7. Rajesh Mehrotra and Vishesh Jain: Genome wide analysis of *Arabidopsis thaliana* reveals high frequency of AAAg(N)₇CTTT motif. *PLANT BIOLOGY EUROPE, FESPB/EPSO 2014 Congress*. The Convention centre, Dublin, Ireland, June 22-June 26, 2014.
8. Jain, N., Bhargava, A. and Panwar, J. 2014. Protease-assisted synthesis and stabilization of spherical silver nanoparticles: a novel template to study protein-nanoparticle interactions. In: *International Conference on Nanotechnology in the Service of Health, Environment & Safety (NanoSciTech 2014)*, February 13-15, 2014, Panjab University, Chandigarh, India.
9. Jain, N., Bhargava, A. and Panwar, J. 2014. Mycogenic protein-capped zinc oxide nanoparticles and their photocatalytic activity. In: *International conference on Biotechnology & Bioengineering (ICBB-2014)*, October 29-30, 2014, BITS Pilani, Dubai Campus, Dubai, p. 18.

10. Solanki, P., Bhargava, A., Jain, N. and Panwar, J. 2014. Catalytic efficacy of biosynthesized gold nanoparticles. In: *National conference on Nano-Functional Material (NFM-2014)*, November 7-8, 2014, BITS Pilani, Pilani Campus, Pilani, p. 90.
11. Bhargava, A., Solanki, P., Jain, N. and Panwar, J. 2014. Effect of iron oxide nanoparticles on the growth and biomass. In: *International Conference on Emerging Trends in Biotechnology (ICETB-2014)*, November 6-9, 2014, Jawaharlal Nehru University, New Delhi.
12. Asati, V. and Sharma, P.K. 2014. Reporting an isoflavone glycoside-hydrolyzing β -glucosidase from *Prosopis cineraria*. In: *International Conference on Frontier Discoveries and Emerging Opportunities In Life Sciences (FDEOLS)*, Feb 13-15, 2014, School of Biosciences, Dr. H.S. Gour Central University, Sagar, Madhya Pradesh, India.
13. Kabra S. and Sharma, P.K. 2014. Purification and characterization of a novel β -galactosidase from *Cyamopsis tetragonoloba*. In: *International Conference on Frontier Discoveries and Emerging Opportunities In Life Sciences (FDEOLS)*, Feb 13-15, 2014, School of Biosciences, Dr. H.S. Gour Central University, Sagar, Madhya Pradesh, India.
14. Jha, P., Jha, P.N., Panwar, J. (2014) Adaptation strategies in *Pseudomonas* sp. PJ14 thriving in extreme conditions of organic pollutants: membrane is mastermind. In: *XVI International Biodeterioration and Biodegradation symposium* held in Lodz, Poland (September 2-5, 2014), Abstract Book, p130.
15. Jha, P.N., Yanni, Y.G., Stedtfeld, T., Stedtfeld, B., Goma, A-B., Gantner, S., Benli, C. Hashsham, S. and Dazzo, F.B. (2014). Inoculation with plant growth-promoting *Rhizobium* biofertilizer and urea N fertilizer treatments Restructure the endophytic microbiome of rice roots grown in soil. In: *114th General meeting, American Society of Microbiology*, held in Boston, USA (May 17-20, 2014), Program Book, p1738.
16. Singh, R., Jha, P.N. Mitigation of temperature stress by ACC deaminase bacteria isolated from desert region of Rajasthan. In: *National conference on Recent trends and future prospects of microbiology and biotechnology* (3-4 march 2014). Shri J J T University. (OP-07) (Best oral award).
17. Singh, R., Jha, P.N. Role of ACC deaminase in stress agriculture. In: *National seminar on " Next generation sciences: Vision 2020 & Beyond"*. Held at M.D. university Rohtak, Haryana (8 march 2014).
18. Asha Jakhar*, Nisha Janjir, and Santosh Kumar Padhi, 'Exploring regional plant hydroxynitrile lyases as potential stereoselective biocatalysts' - Presented in "International Conference on Emerging Trends in Biotechnology (ICETB -2014)" New Delhi, India from 6th -9th November 2014.
19. Dubey, B., Dubey, P., and Dubey, U.S. 2014. Dynamics of an SIR model with Beddington De Angelis type incidence rate and saturated treatment rate. In: *International Conference on Mathematical Modeling and Computer Simulation with Applications*. IIT Kanpur during December 31, 2013 – Jan 2, 2014, IIT Kanpur.
20. Runthala, A., and Chowdhury, S, 2014. Iterative Optimal TM_Score and Z_Score Guided Sampling Significantly Improves Model Topology. In: *International Multi Conference of Engineers and Computer Scientists (HongKong 2014)*, March 12-14, 2014, HongKong, p. 123-128.

21. Palvai S., Mapara N., Nagraj J., Chowdhury R., and Basu S. Targeting drug resistance in cancer by vitamin D3 hybrid nano particles. Science Day Poster Presentation at Department of Chemistry, Indian Institute of Science Education and Research (IISER), Pune, India.
22. Pasha, S. Alam, P. Dash, S. Kaur, G. Banerjee, D. Chowdhury, R. Rath, N. Choudhury, R.A. and Laskar, I.R. Design and Syntheses of 'Aggregation Induced Emission' Active Cyclometalated Platinum(II) Complexes and their Biological Applications. Poster presentation at Conference in IISER, Mohali, India.
23. Garg, S., Saxena, V., Pala, Z., Saggu, G.S., Kochar, S.K., Kochar, D.K. and Das, A. Characterization of putative and hypothetical proteins involved in Fe-S cluster biogenesis in *Plasmodium vivax*; In *12th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases*. December 11-13, 2014 at The Royal River Hotel, Bangkok organized by Elsevier.
24. Garg, S. Pala, Z., Saggu, G.S., Kochar, S.K., Pareek, R.P., Kochar, D.K., Das, A. and Saxena, V.' Characterization Of Major Components Of Fe-S Cluster Biogenesis In *Plasmodium vivax*; in TROPACON 2014 organized by Regional Medical and Research Centre Dibrugarh from 20-22 Nov. 2014.
25. Gupta L, Gupta K, Dhawan R, Kumar S, Kakani P, Kajla M, and Choudhury TP. 2014 *Anopheles* STAT pathway duplication and its role in immunity against *Plasmodium*. VIIIth National conference of Indian Academy of Tropical Parasitology (TROPACON-2014), November 20-23, 2014, Dibrugarh, Assam, India.
26. Dhawan R, Soam A, Gupta K, Kajla M, Kakani P, Choudhury TP, Kumar S, Gupta L. Role of Mosquito Immunity against Parasite Development: An Expedition of Potent Immune Molecules of *Anopheles* Mosquitoes. VIIIth National conference of Indian Academy of Tropical Parasitology (TROPACON-2014), November 20-23, 2014, Dibrugarh, Assam, India.
27. Kakani P, Kajla M, Gupta K, Dhawan R, Choudhury TP, Gupta L and Kumar S. Characterization of *Anophelines* Peroxidase- Role in Development and Immunity against Blood- borne antigens. VIIIth National conference of Indian Academy of Tropical Parasitology (TROPACON-2014), November 20-23, 2014, Dibrugarh, Assam, India.
28. Choudhury TP, Kajla M, Gupta K, Dhawan R, Kakani P, Gupta L and Kumar S. Exploring the role of *Anopheles stephensi* Heme Peroxidase in Mosquito Innate Immunity. VIIIth National conference of Indian Academy of Tropical Parasitology (TROPACON-2014), November 20-23, 2014, Dibrugarh, Assam, India.
29. Vaswani D, Kajla M, Kakani P, Dhawan R, Gupta K, Choudhury TP, Gupta L and Kumar S. Characterization of Inhibitory Effects of Herbal Extracts on *Aedes aegypti* Egg Chorion Melanization and Hardening. VIIIth National conference of Indian Academy of Tropical Parasitology (TROPACON-2014), November 20-23, 2014, Dibrugarh, Assam, India.
30. Kumar S, Kakani P, Kajla M, Gupta K, Choudhury T.P, Dhawan R, and Gupta L. Compartment-specific immune responses in malaria vector determine the vectorial capacity. 25th National Congress of Parasitology on "Global Challenges in the Management of Parasitic Diseases (GCMPD), Central Drug Research Institute (CDRI), OP 27, 16-18th Oct. 2014, Lucknow, UP, India.

31. Gupta K, Dhawan R, Kajla M, Choudhury T. P, Kakani P, Kumar S. and Gupta L. Genomic diversity of STAT (Signal Transducer and Activator of Transcription) gene in different *Anopheles* mosquito species.
32. 25th National Congress of Parasitology on "Global Challenges in the Management of Parasitic Diseases (GCMPD), Central Drug Research Institute (CDRI), YS 2, 16-18th Oct. 2014, Lucknow, UP, India.
33. Gupta L, Gupta K, Dhawan R, Kajla M, Bihani A, Kumar S. Duplication of evolutionary conserved STAT transcription factor in *Anopheles stephensi* and its role in mosquito immunity. Host-Parasite Interactions, Biology of. Gordon Research Conference, 8- 13 June 2014 Salve Regina University in New port, RI, United States.
34. Sharma P. K., Singh S and Chowdhury, S, 2014. *In-silico* analysis of Nitrogen assimilation pathways of *Arthrospira platensis*. In: *International Conference on Proteomics from discovery to function (IIT Mumbai)*, December 7-9, 2014, Mumbai.
35. Sharma P. K., Singh S and Chowdhury, S, 2014. Structural and sequence profiling of human miRNA for effective clustering. In: *Conference on Informatics and integrative Biology (Bose Institute Kolkata)*, December 17-19, 2014, Kolkata.
36. Senthil N & S K Verma (2014) Investigation of *Chlorella* sp. SSKV1, a new species under normal and stress condition for biodiesel production in Symposium on Biotechnology and Stress Biology of Algae and Cyanobacteria, February 24-26, 2014, Banaras Hindu University.
37. Prakash Sarwa and S K Verma (2014) Removal of Malachite Green Dye from aqueous Solution by Green Microalgae *Acutodesmus obliquus* PSV 2: *Kinetic and Equilibrium studies*. International conference on Biotechnology & Bioengineering organized by Microbiologists society, Oct 29-30, 2014, BITS Pilani, Dubai campus.
38. S K Verma (2014) Biotechnology & Bioengineering; Basic vs Applied Research (Key Note address) International conference on Biotechnology & Bioengineering organized by Microbiologists society, India, Oct 29-30, 2014, BITS Pilani, Dubai campus.
39. S K Verma (2014) Metal-microbe interaction and its application in industries (Key note address) 4th Annual International Conference on Advances in Biotechnology Organized by GSTF, March 10-11, 2014 at BITS Pilani, Dubai campus.
40. Prakash Sarwa & S K Verma (2014) Toxicity assessment of Zn (II) solution treated with microalgae *Scenedesmus* sp. MCC 26 using Swiss albino Mice. 4th Annual International Conference on Advances in Biotechnology Organized by GSTF, March 10-11, 2014 at BITS Pilani, Dubai campus.
41. Talk: Ashis Das, P.A. Boopathi, Amit Kumar Subudhi, Shilpi Garg, Sheetal Middha, Jyoti Acharya, Deepak Pakalapati, Vishal Saxena, Mohammed Aiyaz, Harsha B Orekondy, Bipin Chand, Raja C. Mugasimangalam, Sanjay K. Kochar, Parmendra Sirohi, Dhanpat K. Kochar. Making sense out of antisense in clinical isolates of the *Plasmodium* spp.
42. Isha Pandey, Ramandeep Kaur, Amit Kumar Subudhi, P.A.Boopathi, Sheetal Middha, Jyoti Acharya, Sanjay Kochar, Dhanpat Kochar, Ashis Das. Comparative Genome Analysis of *Plasmodium falciparum* isolates from India.
43. Ramandeep Kaur, Isha Pandey, P.A Boopathi, Amit Kumar Subudhi, Sheetal Middha, Jyoti Acharya, Sanjay Kochar, Dhanpat Kochar, Ashis Das. *Plasmodium vivax* clinical isolates: A glimpse into genomic variations from the Indian Subcontinent.
44. A. K Subudhi, P. A Boopathi, S Garg, S. Middha, J. Acharya, D. Pakalapati, V. Saxena, M. Aiyaz, H.B Orekondy, R.C Mugasimangalam, S. K Kochar, P. Sirohi, Dhanpat Kochar, and Ashis Das, "Genome wide identification of natural antisense transcripts in *Plasmodium falciparum* clinical isolates" FEBS EMBO-2014 Meeting, Palais Des Congress, Paris, France.

45. P. A. Boopathi, A. K. Subudhi, S. Garg, S. Middha, J. Acharya, D. Pakalapati, V. Saxena, M. Aiyaz, B. Chand, R.C. Mugasimangalam, Sanjay Kochar, P. Sirohi, Dhanpat Kochar, and Ashis Das, "Discovery of natural antisense transcripts in *Plasmodium vivax* isolates" FEBS EMBO-2014 Meeting, Palais Des Congress, Paris, France.
46. Saxena, V., Garg, S., Saggi, G.S., Pala, Z., Kochar, S.K., Kochar, D.K.. Characterization of Isoprenoids biosynthesis pathway enzymes from Indian *Plasmodium vivax* field isolates; In 12th International Conference on Molecular Epidemiology and Evolutionary Genetics of Infectious Diseases. December 11-13, 2014 at The Royal River Hotel, Bangkok organized by Elsevier, UK.
47. Saxena, V., Garg, S., Saggi, G.S., Pala, Z., Kochar, S.K., Kochar, D.K., Isoprenoids biosynthesis in *Plasmodium vivax*: few major players; in 25th National Congress of Parasitology jointly organized by CSIR-CDRI & The Indian Society For Parasitology, at CSIR-CDRI, Lucknow from Oct. 16-18, 2014.
48. Saggi, G.S., Garg, G.S., Pala, Z., Kochar, S.K., Saxena, V., Characterization of Isoprenoids biosynthesis pathway enzymes from Indian *Plasmodium vivax* field isolates. Presented at RTFPMB organised by Shri Jagdishprasad Jhabarmal Tiberwala University, Jhunjhunu, Rajasthan, from Mar 03-04, 2014.
49. Saggi, G.S., Garg, G.S., Pala, Z., Kochar, S.K., Saxena, V., Characterization of 4-Hydroxy-3-Methylbut-2En-1Yl Diphosphate Synthase (GcpE) enzyme from *Plasmodium vivax*; in 8th National Congress of Indian Academy of Tropical Parasitology (TROPACON 2014) at Regional Medical Research Centre (RMRC), Dibrugarh, from Nov. 20-22,2014.
50. Pala, Z. R., Garg, S., Saggi, G. S., Saxena, V., Characterization of nuclear encoded hypothetical proteins involved in *Plasmodium vivax* apicoplast metabolic pathways. Presented at Recent Trends and Future Prospects of Microbiology and Biotechnology organized by Shri Jagdishprasad Jhabarmal Tiberwala University, Jhunjhunu, Rajasthan, from March 03-04, 2014.
51. Pala, Z. R., Garg, S., Saggi, G. S., Kochar, S. K., Saxena, V., Characterization of a nuclear encoded hypothetical protein involved in Fe-S cluster biogenesis in *Plasmodium vivax*. Presented at 25th National Congress of Parasitology jointly organized by CSIR-CDRI & The Indian Society For Parasitology, at CSIR-CDRI, Lucknow from Oct. 16-18, 2014.
52. M. Sangeetha, P.R. Deepa, S. Krishnakumar, Dysregulation of stem cell markers in *fasn* gene silenced retinoblastoma cells. Presentation at the Conference and 21st Annual Meeting organized by the Indian Eye Research Group (IERG), at LV Prasad Eye Institute, Hyderabad during July 26 – 27, 2014.
53. Arun John, Umashankar V., Deepa P. R., Krishnakumar S. Structure-function relationship studies on human fatty acid synthase thioesterase domain and its inhibitors: an in silico approach. Presented at International conference on Crystal Growth and Biomolecular Crystallography (ICCGBC-2014), organized by SCBT & SEEE, during November 28-29, 2014 at SASTRA University.
54. Shalini K., A. K. Sarkar and Ajit Pratap Singh , Quantifying Accessibility to Health Care using Two-step Floating Catchment Area Method (2SFCA): A case study in Rajasthan, Elsevier Transportation Research Procedia: Proceedings of 11th International Conference Transportation Planning and Implementation Methodologies for Developing Countries (TPMDC), 10-12 December, 2014, Paper ID-147,IIT Bombay.
55. Rajiv Gupta, Rajesh Singh, 'Effect of Image Enhancement on Supervised Classification of Cartosat-1 Image Using Different Parametric Rules', User Interaction Meet-2014, National Remote Sensing Centre, ISRO, Balanagar, Hyderabad, January 20-21, 2014.

56. Ayush Agrawal, Rajiv Gupta, Sumit Kumar, Saurabh Bulchandani, Sourav Bhati, Aditya Kaushik, Design and Implementation of an Economic and Sustainable Rainwater Harnessing System for Rural Rajasthan, All India Seminar on Innovations in Green Building Technology, Jan 17 & 18, 2014, organized by The Institutions of Engineers (India) Nagpur Local Centre and Maharashtra State Centre, 18-22
57. Anuradha Devi, Anupam Singhal, Rajiv Gupta, S K Verma, Prasad Panzade, Martina Fernandes, 'Utilization of copper tailing and spent pickling liquor for improving the fertility of soil', 4th Annual International Conference on Advances in Biotechnology held at 10-11 March 2014 (Biotech 2014), BITS Pilani Dubai Campus.
58. Rajiv Gupta, Shrikant Maniyar, 'Mapping Solar Potential of West India: a GIS based analysis', Geospatial World Forum, Centre International Conferences Geneva Switzerland, 5-9 MAY 2014.
59. Rajiv Gupta, Saurabh Singhal, Anupam Singhal, 'Prediction of Global Solar Radiation in India using Artificial Neural Network', 9th Conference on sustainable Development of Energy, Water and Environment Systems, University of Zagreb and Cologne University of Applied, Sciences and Aalborg University; 20th - 27th Sept – 2014.
60. Manpreet Singh, Rajiv Gupta, Accident Black-Spot Validation using GIS, Esri India User Conference, Kempinski Ambience Hotel, Delhi, India, December 9-11, 2014.
61. Anuradha Devi, Anupam Singhal, S. K. Verma, Rajiv Gupta, A. N. Singh, Prasad Panzade, Martina Fernandes, Utilization of copper tailing and spent pickling liquor for improving the fertility of soil, 4th International Conference in Advances in Biotechnology held on 10-11 March 2014 (Biotech 2014), BITS Pilani Dubai campus , Dubai, 48-50.
62. Bartik Pandel, Anupam Singhal, Anuradha Devi, Comparison of Wastewater Quality Parameters in Algae, Water Hyacinth and Duckweed Based Treatment Systems, International symposium on Integrated Water Resources Management (IWRM-2014) held on Feb 19-21, 2014, Kozhikode, Kerala, India, 543-548.
63. S. B. Singh and Himashu Chawla Structural Response of Thin-walled FRP Laminated Mono-symmetrical I-Beams, CD Proc. of Structural Engineering Convention (SEC), December 22-24, 2014, New Delhi, India.
64. S. B. Singh, 'Response of Near Surface Mounted (NSM) CFRP Strengthened RC Beams' First International Conference on Mechanics of Composites, June 8-12, 2014, CD Proceedings, Stony Brook University, New York, USA
65. S. B. Singh, 'Himanshu Chawla, and Pankaj Munjal', Effect of Shear Deformation on Flexural Response of Laminated Composite I-Beam, First International Conference on Mechanics of Composites, June 8-12, 2014, CD Proceedings, Stony Brook University, New York, USA.
66. S. B. Singh and Himanshu Chawla, 'Stability of Thin-walled FRP Laminated Beams under Flexural Loading', Proceedings of NCSID, March 13-14, 2014, CD Proceedings, NITTTR, Chandigarh,
67. S. B. Singh, Siddharth Awasthi, Mohit Gupta, Penumarthi Kiran, Akhil Garg, In-Plane, Strengthening of Masonry Walls with Fibre Reinforced Polymer (FRP), Proceedings of NCSID, March 13-14, 2014, CD Proceedings, NITTTR, Chandigarh.
68. S. B. Singh, Siddharth Awasthi, Mohit Gupta, Penumarthi Kiran, Akhil Garg, Study on Improving the Resistance of Masonry Walls Subjected to Out of Plane Loads, Proceedings of NCSID, March 13-14, 2014, CD Proceedings, NITTTR, Chandigarh,
69. S. B. Singh, Mahalakshmi, N. and Nikesh Thammishetti, Mechanical properties of Recycled Coarse Aggregate (RCA) Concrete, 2nd International Conference On "Sustainable Innovative Techniques In Civil and Environmental Engineering (SITCEE), January 4-5, 2014. CD Proceedings at Jawaharlal Nehru University, New Delhi.

70. Singh, Ajit Pratap and P. Shrivastava. A Comparative Study on Water Quality Assessment of a River Using AHP And PROMETHEE Techniques, 19th Hydro-2014 International Conference, Maulana Azad National Institute Of Technology Bhopal-(India), 18-20 December 2014, 880-890,
71. Narendran, R., Mittal R. K. and Viswanath, V., Analysis of Well Head Jacket Platform using SACS , Fifth Indian National Conference on Harbour and Ocean Engineering, 5-7 Feb., 2014, Goa, CD, Goa
72. K. Kumar & G. Vivek, Water Content Effect on Shear Strength Parameters in Coir Fiber Reinforced Pilani Soil, 3rd World Conference on Applied Sciences, Engineering and Technology (WCSET), Kathmandu, September 27-29, 2014, 124-126.
73. Sanghamitra Kundu, Adhiraj Singh Rathore, Agni Pushp and Vishal Singh Chundawat, 'Batch Investigations on Elemental Dissolution from Copper Mine Tailing Pond', Khetri, India: Evaluation of the Environmental Contamination Potential, IICBE Int'l Conference Proceedings of, *International Conference on Chemical, Civil and Environmental Engineering [CCEE' 2014]*, Singapore, 10 – 19.
74. Jay Panchal and Dipendu Bhunia, Solution Of Shear Wall Location In Multistorey Irregular Building, Structural Engineering Convention (SEC), December 22-14, 2014, IIT Delhi, India.
75. J.Senjalina and S.N.Patel, Analysis of a multi-storey building considering earthquake load and wind load effect, International Conference on Emerging Trends in Civil Engineering(ICETCE-2014), January 6-8, 2014, Dept. of Civil Engineering, VNR VJIET, Hyderabad , Andhra Pradesh.
76. A. V. Simha and S.N.Patel, 'Bending analysis of laminated composite plates using degenerated shell elements' International Conference on Emerging Trends in Civil Engineering(ICETCE-2014), January 6-8, 2014, Dept. of Civil Engineering, VNR VJIET, Hyderabad , Andhra Pradesh.
77. S. N. Patel, Nonlinear Finite Element Bending Analysis of Composite Cylindrical Panels, 3rd World Conference on Applied Sciences, Engineering and Technology (WCSET-2014), 27-29, September-2014, WCSET-2014, Hotel Manang, Thamel, Kathmandu, NEPAL.
78. Y.D.Joshi and S.N.Patel, 'Economical Design of RCC Structural Members of 6-Story Building, Strategic Prospective and Advances in Civil Engineering (SPACE-2014), 14-15, November-2014, Dept of Civil Engineering, Eshan College of Engineering, Farah(Mathura), UP.
79. S.N.Patel, Nonlinear Finite Element Bending Analysis of Composite Shell Panels, Structural Engineering Convention (SEC-2014), 22-24, December-2014, Dept of Civil Engineering, IIT Delhi.
80. Y.D.Joshi and S.N.Patel, Economical Design of RCC Structural Members Using Standard Software Package and Excel Spread Sheets, Structural Engineering Convention (SEC-2014), 22-24, December-2014, SEC14AXI, Dept of Civil Engineering, IIT Delhi.
81. S.N.Patel, Buckling of laminated composite stiffened plates with partial in-plane edge loading, Sixth International Conference on Theoretical, Applied, Computational and Experimental Mechanics (ICTACEM-2014), 29-31, December-2014, 472, Dept. of Aerospace Engg., IIT Kharagpur.
82. Muthukumar G and Manoj Kumar, 'Influence of openings on the structural response of shear wall, Structural Engineering Convention (SEC), 9th Biennial Event, Under the Auspices of Indian Association for Structural Engineering, 22-24 December, IIT Delhi.
83. Muthukumar G and Manoj Kumar, 'Influence of opening size on the displacement response of squat shear walls', 5th International Congress on Computational Mechanics and Simulation (ICCMS), 10-13 December, Paper Id: 354, SERC, Chennai.
84. Akanksha, Sharma, A., Mazumder, S., The role of structure and surface composition on the contact angle and wetting characteristics of carbon nanofiber coatings, Proceedings of 2014

AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.

85. Ambatkar, K., Gupta, S., Majumder, S., Experimental study for the removal of hexavalent chromium from industrial wastewater using bioremediation, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
86. Ashwath, A. K., Pradeep, S., Raghuvanshi, S., Synthesis & characterization of graphene oxide nanoparticles for water purification applications, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
87. Ashwath, A. K., Pradeep, S., Raghuvanshi, S., Synthesis and characterisation of graphene oxide nanoparticles for water purification, Proceedings of 7th International Congress of Environmental and Research, RVCollege of Engineering, Bangalore, December 26 - 28, 2014.
88. Batra, S., Gupta, S., Experimental and theoretical studies for removal of dyes from industrial wastewater using bioremediation, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
89. Chattopadhyay, P., Kumar, A., Experimental Studies for Characterization of Ethanol based Aqueous Foam in terms of Liquid Drainage, Proceedings of Conference on Advances in Chemistry and their Biological and Industrial Relevance (ACBIR 2014), NIT Rourkela, India, 10-11th January, 2014.
90. Chattopadhyay, P., Kumar, A., Experimental Studies for Characterization of Surf Excel Detergent generated Aqueous Foam, Proceedings of Conference on Innovation and Development in Chemical Technology (IDCT 2014), Guru Gobind Singh Indraprastha University, India, 28th February-1st March, 2014.
91. Chattopadhyay, P., Malik, J., Mishra, R., Venkata, V., Chowdhury, S., Analysis of Surfactant generated Butanol based Aqueous Foam, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
92. Chattopadhyay, P., Venkata, V., Chowdhury, S., Characterization of Aqueous Foam with Additive Ferrous Chloride, Proceedings of Conference on Nano and Functional Materials (NFM 2014), BITS Pilani, Pilani, India, 7th-8th November, 2014.
93. Chopra, M., Mazumder, S., Preparation and characterization of curcumin loaded polymeric nanoparticles by rapid precipitation method, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
94. Davis, R., Mazumder, S., Pereira, J., Arca, C., Edgar, K.J., Nanoparticles of antiviral drugs and polysaccharide for oral drug delivery: Effect of polysaccharide chemistry, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.

95. Garg, A., Maheshwari, U., Modeling of the Temperature Distribution Profile in Horizontal Well Drilling, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly
96. organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
97. Ghosalkar, S., Aich, S., Roy, B., Development of Metal Doped Bismuth Vanadate (BIMEVOX) Nano Catalyst Systems for H₂ Production. Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
98. Gupta, S., Maheshwari, U., Copper (II) Removal Using Activated Neem Bark from Waste Water As a Low Cost Adsorbent: Column Studies, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
99. H, Raghuram., Maheshwari, U., Key Parameters Effecting the Desalting Operation of Unconventional Crude Oil, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
100. Jain, A., Analysis of Closed-loop Interaction in Dynamic Multi-loop Control System, Proceedings of the International Conference on Power, Control and Embedded System (ICPCES-2014), MNNIT, Allahabad, India, December 26-28, 2014.
101. Kamanakeri, B., Maheshwari, U., Optimization of Gas-Oil Three Stage Separator's Pressure to Increase Stock Tank Oil Using Aspen Plus, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
102. Kumar, S., Sheth, P.N., Reactive Extraction of Nicotinic Acid from Aqueous Solution: Equilibrium and Kinetic Study, Proceedings of International Conference on Advances in Chemical Engineering and Technology "Chemical Engineering – Traditional and Beyond" ICACE TKMCE '14 organized by Department of Chemical Engineering, T.K.M. College of Engineering, Kerala during Oct 16-18, 2014.
103. Maheshwari, U., Singhai, A., Kalita, D., Nenmini, A., Simulation and Optimization of the Production of Phthalic Anhydride from O-Xylene, Proceedings of 2014 AIChE Spring Meeting & 10th Global Congress on Process Safety, Hilton New Orleans Riverside, LA, USA, 30th March - 2nd April, 2014.
104. Maheshwari, U., Ambatkar, K., N, Prathyusha., Simulation and Optimization of Ethyl Benzene Production Using Aspen Plus Platform, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
105. Maheshwari, U., Ashwath, A. K., Models Describing the Thermal Recovery as a Productive Option for the Heavy Oil Reservoirs, Proceedings of 2014 AIChE Spring Meeting & 10th Global Congress on Process Safety, Hilton New Orleans Riverside, LA, USA, 30th March - 2nd April, 2014.
106. Maheshwari, U., Batra, S., Pande, P., Simulation and Optimization of Production of Cyclohexane from Benzene Using Aspen Plus, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.

107. Maheshwari, U., Gaikwad, S., Shale Gas as a Potential Source of Unconventional Reserve for Crude Oil, Proceedings of 2014 AIChE Spring Meeting & 10th Global Congress on Process Safety, Hilton New Orleans Riverside, LA, USA, 30th March - 2nd April, 2014.
108. Maheshwari, U., Kalita, D., Downhole Catalytic Upgradation of Heavy Oil, Proceedings of 2014 AIChE Spring Meeting & 10th Global Congress on Process Safety, Hilton New Orleans Riverside, LA, USA, 30th March - 2nd April, 2014.
109. Maheshwari, U., Kamankeri, B., Gaikwad, S., Design & Optimization of Cumene Plant Using Aspen Plus Platform, Proceedings of 2014 AIChE Spring Meeting & 10th Global Congress on Process Safety, Hilton New Orleans Riverside, LA, USA, 30th March - 2nd April, 2014.
110. Maheshwari, U., Kuhar, K., Gupta, S., Equilibrium studies for the removal of Cr(VI) , Cu(VI) and Zn(II) Using activated neem bark, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
111. Maheshwari, U., Kuhar, K., Pundir, V. S., MDEA as an Effective Solvent for the Natural Gas Sweetening Process, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
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116. Maheshwari, U., Vyawahare, S., High Pressure, High Temperature Wells, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
117. Majumder, S., Gangadhar, G., Raghuvanshi, S., Gupta, S., Optimization Of Divalent Copper Bioremediation By *Acinetobacter Guilloviae* Using Response Surface Methodology, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
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120. Majumder, S., Raghuvanshi, S., Gupta, S., Singh, A., Bioremediation growth kinetics of Cr(VI) contaminated aqueous solution using *Pseudomonas* sp., an indigenous microbial strain isolated from aerobic mixed culture, Proceedings of 2014 International Congress on Environmental, Biotechnology, and Chemistry Engineering (CEBCE 2014), IPCBEE vol.64, IACSIT Press, Singapore. DOI: 10.7763/PCBEE. 2014. V64. 6.
121. Manglani, G. N., Vashishtha, S., Roy, B., Development of Ni-Sn/Al₂O₃ Nano Catalysts for H₂ Production from Biomass by Aqueous Phase Reforming, Proceedings of National Conference on Nanotechnology and Renewable Energy (NCNRE – 2014), Department of Applied Sciences and Humanities, Jamia Millia Islamia, New Delhi, April 28 – 29, 2014.
122. Mazumder, S., Nanoparticulate formulation for delivery of hydrophilic and hydrophobic drugs. Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
123. Mishra, S., Raghuvanshi, S., Gupta, S., Production of fatty acids and light oils from CO₂ mitigation using *Bacillus cereus* SM1 isolated from sewage treatment plant, Proceedings of International Conference on Emerging Trends in Biotechnology (ICETB-2014), JNU Delhi, November 6 - 9, 2014.
124. Mohanta, H. K., Vedanta Sutra in the Context of Science and Spirituality, in the Proceedings of the 8th All India Students' Conference on Science and Spiritual Quest (AISSQ – 2014) held in IIT (BHU), Varanasi during February 1-2, 2014, pp. 76-90.
125. Nori, U. M., Gupta, S., Vyawahare, S., Development of nano-particles using physical/chemical methods for the recovery of heavy metals from industrial waste water, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
126. Pal, P., Maheshwari, U., Foam Mobility Control: An Enhanced Oil Recovery Technique, Proceedings of 2014 AIChE Spring Meeting & 10th Global Congress on Process Safety, Hilton New Orleans Riverside, LA, USA, 30th March - 2nd April, 2014.
127. Pal, P., Mishra, S., Gupta, S., Raghuvanshi, S., Utilization of Mixed Culture and Isolated Species for Bioremediation of CO₂, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, USA, November 16-21, 2014.
128. Prakash, N., S, Kumar., Sharma, A. K., Kinetic Modeling of Propylene Polymerization with Me₂Si[Ind]₂ZrCl₂/MAO Catalyst System, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
129. Raghuram, H. S., Pradeep, S., Mazumder, S., Factors effecting synthesis and characterization of ZnS based colloidal quantum dots, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.

130. Raj, K., Chauhan, P., Mishra, S., Raghuvanshi, S, Optimization of parameters (pH and temperature) for CO₂ mitigation using isolated species from Sambhar Lake", Proceedings of Bioprocessing India - 2014, ICT - Mumbai, December 17 - 20, 2014.
131. Raj, K., Desai, A., Mishra, S., Raghuvanshi, S., Isolation of photosynthetic microbial species for CO₂ mitigation from Sambhar Lake, Rajasthan, India, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
132. S. Vashishtha, G. N. Manglani, and B. Roy, Development of Ni-Sn/Al₂O₃Nano Catalyst Powders Using Solution Combustion Synthesis for H₂ Production from Biomass by Aqueous Phase Reforming, APCMET-2014, April 19-20, at Jawaharlal Nehru University, New Delhi.
133. Sande, P. C., Ray, S., The Role of Time in the Computational Definition of Minimum Bubbling Velocity in Gas-Fluidization, Proceedings of 2014 AIChE Annual Meeting, Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, GA, USA, November 16-21, 2014.
134. Singh, A., Maheshwari, U., Optimization of Residue Upgradation to Useful Product Using Aspen Plus Platform, Proceeding of 67th Annual Session of IChE (CHEMCON-2014) and Indo-Japanese Symposium, jointly organized by Chandigarh Regional Center, IChE and Dr. SSB University Institute of Chemical Engineering & Technology, Chandigarh, 27-30 December 2014.
135. Vedula, V. B., Chopra, M., Joseph, E., Saha., R. N., Mazumder, S., Preparation and characterization of acyclovir loaded CMCAB nanoparticles in multi inlet vortex mixer in International Conference on Nanoscience and Engineering Applications (ICONSEA 2014), IST-JNTU, Hyderabad.
136. Vyawahare, S., Pradhan, S. K., Gupta, S., Removal of Heavy Metal Ions from Industrial Waste Water Using Metallic Nanoparticles as Adsorbents. Proceedings of National Conference on Nanotechnology and Renewable Energy (NCNRE – 2014), Department of Applied Sciences and Humanities, Jamia

137. Dr. Banasri Roy attendend 67th Annual session of Indian Institute of Chemical Engineers (CHEMCON 2014) and presented a paper on "Development of Metal Doped Bismuth Vanadate (BIMEVOX) Nano Catalyst Systems for H₂ Production", Chandigarh, December 27-30, 2014.
138. Dr. H K Mohanta attended 7th International Congress of Environmental Research (ICER-14) and presented a paper on "Modeling, Simulation and Control of a Drum Boiler", R.V. College of Engineering, Bangalore, December, 26-28, 2014.
139. Dr. H K Mohanta attended 8th All India Students' Conference on Science and Spiritual Quest (AISSQ-2014) and presented a paper on "Vedanta Sutra in the Context of Science and Spirituality", IIT (BHU), Varanasi, February 1-2, 2014.
140. Dr. H K Mohanta attended the 3-Days Intensive Course on Process Equipment Design, NIT, Nagpur, September 12-14, 2014.
141. Dr. Pradipta Chattopadhyay, attended National Conference on Nano and Functional Materials (NFM 2014) and presented a paper on "Characterization of Aqueous Foam with Additive Ferrous Chloride", BITS Pilani, Pilani, India, November 7 - 8, 2014.
142. Dr. Pratik N Sheth attended International Conference on Advances in Chemical Engineering and Technology "Chemical Engineering – Traditional and Beyond" ICACE TKMCE '14 and presented a

- paper on "Reactive Extraction of Nicotinic Acid from Aqueous Solution: Equilibrium and Kinetic Study", T.K.M. College of Engineering, Kerala, October 16-18, 2014.
143. Dr. Pratik N Sheth attended International Conference on Chemical Science and Engineering (ICCSE -2014) and presented a paper on "Thermo-Chemical Conversion of Jatropha Deoiled Cake: Pyrolysis vs Gasification", Phuket, Thailand, December 27 - 28, 2014.
 144. Dr. Smita Raghuvanshi attended an International Conference on Emerging Trends in Biotechnology (ICETB-2014) and presented a paper on "Production of fatty acids and light oils from CO₂ mitigation using *Bacillus cereus* SM1 isolated from sewage treatment plant", JNU Delhi, November 6 - 9, 2014.
 145. Dr. Sonal Mazumder attendend 67th Annual session of Indian Institute of Chemical Engineers (CHEMCON 2014) and presented a paper on "Nanoparticulate formulation for delivery of hydrophilic and hydrophobic drugs", Chandigarh, December 27-30, 2014.
 146. Dr. Suresh Gupta attendend 2014 AIChE Annual Meeting and presented a paper on "Utilization of Mixed Culture and Isolated Species for Biomitigation of CO₂", Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, USA, November 16-21, 2014.
 147. Mr. Amit Jain and Dr. Pratik N Sheth attended workshop on "Data Analytics and Using R for Statistical Analysis", Birla Institute of Technology and Science, Pilani campus, November 22 – 23, 2014.
 148. Mr. Amit Jain attended 2nd Bioprocessing INDIA conference and presented a paper on "A Decentralized Control Configuration Selection for a Continuous Bioreactor System: A Relative Response Array Approach", ICT, Mumbai, December 17 - 20, 2014.
 149. Mr. Amit Jain attended International Conference on Chemical Science and Engineering (ICCSE - 2014) and presented a paper on "Relative Response Array: A New Tool for Control Configuration Selection", Phuket, Thailand, December 27 - 28, 2014.
 150. Mr. Subhajit Majumder attendend 2014 AIChE Annual Meeting and presented a paper on "Optimization of Process Parameters in Bioremediation of Cr(VI) Contaminated Aqueous Solution through Response Surface Methodology", Atlanta Marriott Marquis and Hilton Atlanta, Atlanta, USA, November 16-21, 2014.
 151. Mr. Subhajit Majumder attendend 2014 International Congress on Environmental, Biotechnology, and Chemistry Engineering (CEBCE 2014) and presented a paper on "Bioremediation growth kinetics of Cr(VI) contaminated aqueous solution using *Pseudomonas* sp., an indigenous microbial strain isolated from aerobic mixed culture", SAISE, Pride Hotel, Pune, India, February 21-23, 2014.
 152. Mr. Subhajit Majumder attendend 67th Annual session of Indian Institute of Chemical Engineers (CHEMCON 2014) and presented a paper on "Optimization of divalent copper bioremediation by *Acinetobacter guillouiae* using response surface methodology", Chandigarh, December 27-30, 2014.
 153. Mr. Utkarsh Maheshwari attendend 67th Annual session of Indian Institute of Chemical Engineers (CHEMCON 2014) and presented a paper on "Equilibrium studies for the removal of Cr(VI), Cu(II) and Zn(II) using activated neem bark", Chandigarh, December 27-30, 2014.

154. S. Pande and P. Fageria, ZnO/Au, ZnO/Ag, and Heterostructure of ZnO/ZnS Nanoparticles: Synthesis, Characterization, and Photocatalysis Under UV and Visible Light, 3rd International Conference on Physics at Surfaces and Interfaces (PSI 2014) at Puri organized by Institute of Physics, Indian Association for the Cultivation of Science etc, during 24-28 February, 2014. Paper presented as Poster.
155. P. Fageria and S. Pande, Synthesis of ZnO/Au and ZnO/Ag nanoparticles and their photocatalytic application using UV and visible light, 6th International Conference on Nanoscience and Technology (ICONSAT 2014) at Mohali, Punjab, organized by Institute of Nanoscience and Technology and Punjab University, during 2-5 March, 2014. Paper presented as Poster.
156. P. Fageria and S. Pande, Morphology dependent synthesis of ZnO nanoparticles on graphitic(g)-carbon nitride surface: An efficient visible light photocatalyst, National Conference on Nano- and Functional Material (NFM 2014), organized by BITS Pilani, during 7-8 November, 2014. Paper presented as Poster.
157. Archana Choudhary, Bidisa Das and Saumi Ray, Experimental and Theoretical Evidence for Encapsulation of Ni Salen complex in Zeolite Y, National Conference on Nano- and Functional Materials (NFM 2014), organized by the Department of Chemistry, BITS Pilani, Rajasthan, November 7-8, 2014.
158. F. Baig, S. Kumari and M. Sarkar, Is hydrogen bonding along with flexible alkyl chain a way to generate dynamic coordination polymers? A case study on coordination polymers derived from bis-pyridyl diamide ligands National Conference on Recent Developments in Chemical Sciences (NCRDCS 2014) during 25-26 February, 2014, held at Guru Jambheshwar University of Science and Technology, Hisar, Haryana
159. F. Baig and M. Sarkar, Study of the Structural Features of di-imine based ligands in order to correlate the structure-property relationship and a brief review on their applications, National Conference on Nano- and Functional Materials (NFM-2014), organized by Department of Chemistry, BITS Pilani, Pilani Campus, Rajasthan, 7-8 November 2014
160. S. Kumari and M. Sarkar, Study on the Structural Transformations of Coordination Polymers derived from Bis-Pyridyl Diamide Ligands on Exchange of Metal Centre and Counter Anions, National Conference on Nano- and Functional Materials (NFM-2014), organized by Department of Chemistry, BITS Pilani, Pilani Campus, Rajasthan, 7-8 November 2014
161. R. Bhattacharjee and R. K. Roy, Hardness Potential Derivatives: An Alternative Approach towards Chemical Reactivity, Gordon Research Seminar and Conference on Computational Chemistry organized by Gordon Research Conference, Mount Snow Resort, West Dover VT, United States, July 19-25, 2014
162. A. Sarmah and R. K. Roy, An Alternative Approach to Understand the Interaction of Gold-clusters with DNA NCRDCS 2014, held in GJUST, Hisar, February 25-26, 2014. (Oral Presentation)
163. A. Sarmah and R. K. Roy, Application of DFT Based Approach to Design and Fabrication of Hybrid Nanomaterials. RTCET 2014, held in Dept. of Chemistry, NIT Hamirpur, Himachal Pradesh, May 29-30, 2014. (Oral Presentation)
164. A. Sarmah and R. K. Roy, Modeling of Anti-ferromagnetic Coupling in Co-complexes, NFM 2014, organized by Dept. of Chemistry, BITS Pilani, Pilani Campus, November 7-8, 2014. (Oral Presentation)

165. S. Kumari, S.M A. Shakoor, R. Sakhuja, Fluorescent Labeling of Amino Acids *via* Click Chemistry, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
166. Hitesh Kumar Saini, Kasiviswanadharaju Pericherla, Shiv Dhiman, and Anil Kumar, Direct approach towards the synthesis of imidazo[1,2-*f*]phenanthridines by palladium catalyzed C–H bond functionalization, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
167. V. Kameswara Rao, Ganesh M. Shelke, Pinku Kaswan and Anil Kumar, Synthesis of naphthofurans *via* iodine mediated oxidative cyclization of 1-(1-arylvinyl)naphthalen-2-ol, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
168. Ganesh M. Shelke, Mukund Jha, and Anil Kumar, Synthesis of substituted oxindoles from isatins by one-pot tandem reduction of oxo- and ene-/yne- functionalities by hydrazine, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
169. Khima Pandey and Anil Kumar, Synthesis of novel ionic liquid-supported Mukaiyama reagent and its application as coupling reagent in amide bond formation, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
170. Manoj Kumar Muthyala, Sunita Choudhary, Khima Pandey and Anil Kumar, Tagged hypervalent iodine (III) reagents: A new liaison between diaryliodonium salts and ionic liquids, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
171. Mukund P. Tantak, N. Maruthi Kumar, Anil Kumar and Dalip Kumar, Hydrazones of indole-2(3)-carboxylic acid hydrazides: Synthesis and preliminary evaluation as anticancer agents, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
172. Nitesh Kumar Nandwana, Pinku Kaswan, Kasiviswanadharaju Pericherla, and Anil Kumar, Synthesis ofazole-fused-quinazolines *via* one-pot sequential Ullmann type C–N bonding and intramolecular dehydrogenative C–N coupling, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
173. Poonam Khedar, Kasiviswanadharaju Pericherla and Anil Kumar, Direct conversion of alcohols into azides using TMSN₃/Cu(OTf)₂, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.

174. Sunita Choudhary, Saroj, Manoj Kumar Muthyala and Anil Kumar, Ionic liquid-supported azide: An efficient soluble scavenger for alkynes, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
175. Shiv Dhiman, Kasiviswanadharaju Pericherla, Dalip Kumar and Anil Kumar, Synthesis of imidazo[2,1-*a*]isoquinoline derivatives *via* domino aldol condensation and palladium catalyzed C-H bond functionalization, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
176. Sunita Choudhary, Manoj Kumar Muthyala, and Anil Kumar, Synthesis of aza-heterocycles using ionic liquid-supported hypervalent iodine(III) reagent through catch and release strategy, 20th ISCB International conference on recent advances and current trends in chemical and biological sciences, organized by Department of Chemistry, University of Delhi, New Delhi during March, 1-4, 2014.
177. S. Kumari, S.M A. Shakoore, R. Sakhuja, Amino Acid/peptides based Fluorescent Labels : Synthesis and Photo-physical studies, National conference on nano and functional materials (NFM-14), organized by Department of Chemistry, BITS, Pilani, Plani Campus, Rajasthan during November, 7-8, 2014.
178. Shiv dhiman, Kasiviswanadharaju Pericherla, Nitesh K. Nandwana, Dalip Kumar and Anil Kumar, Palladium-catalyzed cross-aldol/intramolecular direct arylation: An easy access to aza-fused isoquinolines, International Symposium on "Recent Advances in Medicinal Chemistry" held at NIPER-S.A.S. Nagar during 8th - 10th Sept. 2014.
179. Pinku Kaswan, Kasiviswanadharaju Pericherla, Hitesh Kumar Saini, and Anil Kumar, Tandem one-pot, three-component reaction of methyl ketones, aldehydes and 2-aminopyridines for the synthesis of 3-arylimidazo[1,2-*a*]pyridines, International Symposium on "Recent Advances in Medicinal Chemistry" held at NIPER-S.A.S. Nagar during 8th - 10th Sept. 2014.
180. P. Shukla, A. Sharma, and B. Pallavi, "Design and Synthesis of Pyrazolopyran Derivatives Possessing Anticancer Activities Targeting Receptor Aurora Kinases", National Conference on Recent Trends in Research in Chemical Sciences (RTRSC2014), organized by the Dept. of Chemistry, Manipal University, Jaipur, Rajasthan, February 21-22, 2014.
181. Dinesh Kumar and Dr. Prashant Uday Manohar attended workshop on Q-Chem 4 organized by IISER, Pune on December 17, 2014 and delivered a scientific talk on Equation-of-motion coupled-cluster methods and demonstrated the EOM-CC job logistics by discussing specific examples for creating an input file for Q-Chem job and analysis of the output file.
182. Dinesh Kumar and Dr. Prashant Uday Manohar presented a poster entitled "Some cost-effective intermediate variants of coupled-cluster based methods for open-shell states of molecules" in the Theoretical Chemistry Symposium (TCS 2014) organized by National Chemical Laboratory, Pune during December 18-21, 2014.
183. D. Bhatia, V.K. Choudhary, Y. Sharma. TwiBiNG: A Bipartite News Generator Using Twitter. Proceedings of SNOW 2014 Data Challenge, 2014, pp. 70-76.

184. Rani Asma, Thalia Sunil, "Knowledge driven decision support system for provenance models in relational database", in 2nd IEEE International Conference on Data Science and Engineering (ICDSE), Published in IEEEExplore, pp 68-75, 26-28 August 2014, Cochin University of Science & Technology, Kochi, India.
185. Gautam Avinash, Apoorv Umang, Mall Prerak, Mohan Sudeept: "Positioning Multiple Mobile Robots for Geometric Pattern Formation: An Emperical Analysis", Seventh International Conference on Contemporary Computing (IC3), August 07-19, 2014, IIIT Noida, Noida, India.
186. Manjusha, K; Shabas, S; Banerjee, Rahul: An Efficient Method of Spam Classification by Multi-class Support Vector Machine Classifier, Proceedings of the Seventh International Conference on Data Mining and Warehousing <ICDMW-2013>, Bangalore, August 9-11, 2013.
187. K Haribabu, and Hota Chittaranjan: "Analysis of Floating Index Caching Technique for P2P Overlay Index Propagation", 16th International Conference on Distributed Computing and Networking (ICDCN 2015), Jan 2015, Goa, India.
188. Mehala N, Bhatia Divyansh and Goyal Poonam: "An Approach for Search Result Topic Identification and Labeling", in the Proceedings of the second Conference on Data Sciences (CoDS). ACM SIGKDD, MARCH 18-21, 2014, India.
189. Digalwar Mayuri, Gahukar Pravin and Mohan Sudeept: "Design and Development of a Real Time Scheduling Algorithm for Mixed Task Set on Multi-core Processors". IC3 2014-The Seventh International Conference on Contemporary Computing August 7-9, 2014. IIIT, Noida, India.
190. Mishra M. K., Islam SK Hafizul, Biswas G. P., "Design of ECC-based ElGamal Encryption Scheme using CL-PKC", In: Proceedings of the International Conference in Recent Advances in Information Technology (RAIT 2014), Advances in Intelligent Systems and Computing (Springer), Vol. 266, pp. 27-34, 2014.
191. Goyal Poonam Goyal, Kumari Sonal, Kumar Dhruv, Balasubramaniam Sundar, Goyal Navneet: "Parallelizing OPTICS for Multicore System," 07th ACM Compute Conference, Nagpur, 09th-11th October, 2014.
192. Goyal Poonam, Kumari Sonal, Kumar Dhruv, Balasubramaniam Sundar and Goyal Navneet, "Parallelizing OPTICS for Multicore Systems", 7th ACM COMPUTE 2014, October 9-11, Nagpur, India
193. Madhu Sehrawat and A K Giri, " Financial development and economic Growth: empirical evidence from India "paper presented at National Seminar of Input Output Economics: Application of Planning, Growth & Development Issues in Indian Economy, *Gokhale Institute of politics and Economics*, 31st Jan- 2nd Feb 2014, Pune, India.
194. Madhu Sehrawat and A K Giri, "The relationship between Financial Development Indicators and Human Development in India: An application of ARDL Approach", paper presented at 4th International Conference on Applied Econometrics, *IBS Hyderabad*, 20th -21st March 2014, Hyderabad.
195. Pooja Joshi and A K Giri, "Fiscal Deficits and Stock Prices in India: An Empirical Evidence", Paper presented in *4th International Conference on Applied Econometrics*, IBS Hyderabad, 20-21 March 2014, Hyderabad, India.
196. Madhu Sehrawat and A K Giri, "Financial Development and Poverty reduction: Panel data analysis of Asian Countries", paper presented at National Seminar on Applications of Panel Data, *Centre for Economic and Social Studies (CESS)*, Hyderabad, 25th-26th March 2014.

197. Geetilaxmi Mohapatra and A K Giri, "Impact of Environmental Degradation on Human Development: An Empirical Study for India", paper presented in the *National Seminar on Environment and Economic Development*, North Orissa University, 27 – 28 March, 2014
198. Madhu Sehrawat and A K Giri, "Financial development index, trade openness and economic growth in India: re-examining the nexus" paper presented at Empirical Issues in International Trade and Finance (EIITF), *IIFT Delhi Campus*, New Delhi, 18th-19th December, 2014.
199. Ankur Kumar and Abhijit Asati, "Iris Based Biometric Identification System" International Conference on Audio, Language and Image Processing (ICALIP2014), Shanghai, China, July 7-9, 2014
200. Keskar Swati, Pavankumar O, Reddy Ch. Sreedhar, " Genetic Algorithm for IRIS (Increased Reward For Increased Service) tasks" , IEEE TENCON 2014, , IEEE Thailand Chapter, Bangkok, October 22-25, 2014
201. Dheerendra Singh & A. Ananda Kumar, "The IFOC Based Speed Control of Induction Motor fed by A High Performance Z-Source Inverter", 3rd International Conference on Renewable Energy Research and Application at Milwaukee USA, 19-22 October 2014.
202. Navneet Gupta, "Material Selection of LTCC based Microstrip Patch Antenna Substrate using Ashby's Approach" *2014 IEEE Int. Symposium on Computer, Consumer and Control*, National Chin-Yi University of Technology, Taichung, Taiwan, June 10-12, 2014.
203. Ashish K Sharma and Navneet Gupta, "Impedance Matching for RF-MEMS Based Microstrip Patch Antenna" ECTI-CON-2014, Suranaree Univ. of Tech., Nakhon Ratchasima, Thailand, May 14-17, 2014. (Travel Grant Award from the Organizers).
204. Mahesh Angira, G.M. Sundaram, Kamaljit Rangra, A Novel Interdigitated, Inductively Tuned, Capacitive Shunt RF MEMS Switch for X and K Bands Applications, IEEE- NEMS April 13-16, 2014, Hawaii, USA.
205. Chintanpalli, A., Ahlstrom, J.B., and Dubno, J.R. (2014). "Computational Model Predictions of Age and Hearing Loss Effects on Concurrent Vowel Identification," 37th Meeting of Assoc. for Res. in Otolaryngology, San Diego, USA.
206. Y.K. Bhatshvar and H.D. Mathur, "Inter-area oscillation control with super conducting magnetic energy storage in multi-area power system using optimized intelligent controller", In the proceedings of 11th Conference of Young Scientists on Energy Issues, 29-30th May 2014, Kaunas, Lithuania.
207. Priya Gupta, Ishan Munje, Nikhil Kaswan, Anu Gupta and Abhijit Asati, "Analysis & Implementation of Ultra Low-Power 4-bit CLA in subthreshold regime" IEEE International Conference on Circuit, Power and Computing Technologies" (ICCPCT), 20-21 March 2014, Tamilnadu.
208. Priya Gupta, Anu Gupta and Abhijit Asati, "Power-Aware Design of Logarithmic Prefix Adders in Sub-Threshold Regime: A Comparative Analysis" International Conference on Information and Communication Technologies (Under TEQIP Phase-II)-ICICT, 3-5 December 2014, Kochi.

209. Snehlata Murotiya, Anu Gupta , Sparsh Vashishtha " Novel Design of Ternary Magnitude Comparator using CNTFETs", 11th IEEE India Conference, INDICON-2014, 11-13th dec. 2014, Yashada, Pune
210. Pradyumn Chaturvedi and Dhananjay Kumar, "Piezoelectric Energy Harvester Design and Power Conditioning", IEEE Student Conference (IEEE SCEECs), MANIT, Bhopal (MP), 1-2 March, 2014, doi: 10.1109/ SCEECs.2014.6804491
211. Jitendra Kumar and Navneet Gupta, "Compact Wideband Rectangular Dielectric Resonator Antenna with Slots and Air Gaps for C-band Applications" IEEE International Conference on Industrial and Information Systems (ICIIS2014), IIITM Gwalior, India. 15-17 December 2014.
212. Kriti Soni and Navneet Gupta, "Analysis of Linear and Non-Linear V-Shaped Microcantilever for Sensing Applications", Int. Conf. on MEMS and Sensors (ICMEMSS2014), IIT, Madras, Chennai, India, 18-20 December 2014.
213. Abhishek Joshi, Debasish Pal, Rahul Singhal, "Wideband Pentaflake Antenna", 10th International Conference on Microwaves, Antenna Propagation and Remote Sensing (ICMARS), 9–12 December 2014, International Centre for Radio Science (ICRS), Jodhpur, Rajasthan.
214. Mayank Garg, Rahul Singhal, "Speech Re-synthesis from Spectrogram Image through Sinusoidal Modelling", Third International Symposium on Natural Language Processing (NLP'14) in conjunction with IEEE Third International Conference on Advances in Computing, Communications and Informatics - ICACCI-2014, 24-27 September 2014, Galgotia University, Delhi.
215. Abhishek Joshi, Debasish Pal, Rahul Singhal, "Vertex-fed Hexagram Patch Wideband Antenna", IEEE International Conference on Signal Propagation and Computer Technology 2014 (ICSPCT 2014), 12-13 July 2014, Govt. Engg. College, AJMER.
216. Abhishek Joshi, Rahul Singhal, "Vertex-fed Hexagram Fractal Antenna", IEEE Indian Antenna Week 2014 (IAW 2014), 26-30 May 2014, NITTTR, Chandigarh.
217. Gaurav Purohit, V. K. Chaubey, K. S. Raju, Divya Vyas (2014) "FPGA based implementation & power analysis of parameterized Walsh sequences", Students' Technology Symposium (TechSym), 2014 IEEE at IIT KGP, pp. 292-296
218. Manisha Arora, Sachin Bashani, K. K. Gupta and Aquil Mirza Mohammed, "Wavelet Denoising: Comparative Analysis and Optimization using Machine Learning," 9th IEEE International Conference on Industrial and Information Systems (ICIIS -2014), IIIT, Gwalior, December, 2014.
219. S. Mohanty, K. K. Gupta, and Kota Solomon Raju, "Comparative Study between VMD and EMD in Bearing Fault Diagnosis," 9th IEEE International Conference on Industrial and Information Systems (ICIIS -2014), IIIT, Gwalior, December, 2014.
220. S. Mohanty, K. K. Gupta, and Kota Solomon Raju, "Vibration Analysis in Fault finding of Ball Bearing using VMD," 9th IEEE International Conference on Industrial and Information Systems (ICIIS -2014), IIIT, Gwalior, December, 2014.
221. K. K. Gupta, and R. P. Pareek, "A Survey of Image Quality Assessment Techniques for Medical Imaging," 8th Conference of Asia Pacific Association for Medical Informatics (APAMI-2014) on Health IT Solutions for Improving Patient Care, AIIMS, New Delhi, November, 2014.
222. S. Mohanty, K. K. Gupta, Kota Solomon Raju, Vikrant Mishra, Vipin Kumar, P. Bhanu Prasad, "Characterization of Wireless Accelerometer Sensor and its Industrial Applications," Proceedings

- of 20th National Conference on Communications (NCC 2014), IIT, Kanpur, February, 2014.(Scopus)
223. Deepansh Dubey, Anu Gupta, "Low Power Low Noise Amplifier for Biomedical Applications", ICECCT Conference, 5-7th March, 2015 at SVSCE, Coimbatore (Accepted)
224. Snehlata Murotiya, Anu Gupta, " Design of high speed ternary full adder and three-input XOR circuits using CNTFETs ", 28th international VLSI Design Conference, 5-7 Jan. 2015 , Bengaluru (accepted)
225. Pramod Srinivasan, Anirudha S. Bhat, Sneh Lata Murotiya, Prof. Anu Gupta, " Design and Performance Evaluation of A Low Transistor Ternary CNTFET SRAM Cell", IEEE International Conference on Electronic Design, Computer Networks & Automated Verification "EDCAV 2015" NIT, Meghalaya, Shillong., 29-30 January 2015.(accepted)
226. S. Mohanty, K. K. Gupta, Kota Solomon Raju, "Multi-Channel Vibro Acoustic Fault Analysis of Ball Bearing Using Wavelet Based Multi-Scale Principal Component Analysis", Proceedings of 21st National Conference on Communications (NCC 2015), IIT, Mumbai, February, 2015.(Accepted)
227. S. Mohanty, K. K. Gupta, and Kota Solomon Raju, "Effective Sample Length Selection to Avoid Dead Zone Effect in Ball Mill Vibration Signal Analysis and Applications," 2nd IEEE International Conference on Signal Processing and Integrated Networks (SPIN-2015), AMITY University, Noida, Feb, 2015. (Accepted)(Scopus)
228. Jyotirmoy Bhardwaj, Rajiv Gupta, K. K. Gupta, "A Review of Emerging Trends on Water Quality Measurement Sensors," IEEE International Conference on Technologies for Sustainable Development (ICTSD -2015), DBIT, Mumbai, Feb, 2015. (Accepted)
229. Mahesh Angira, G.M. Sundaram, Kamaljit Rangra, Improved Design of RF-MEMS Series-Shunt Switch for Reconfigurable RF Front End Applications, International Conference on MEMS and Sensors, Dec. 18-20, 2014, IIT Madras, Chennai, India.
230. G.M. Sundaram, Mahesh Angira, Kamaljit Rangra, An Approach For Motional Resistance Minimization in RF MEMS Disk Resonator, Recent Trends in Communication and Signal Processing, February 26-27,2014, Coimbatore, India. \
231. M Garg, S Sankar B, H O Bansal, "Potential Estimation and Implementation Strategies for Solar Rooftop Photovoltaic in Delhi" 6 th IEEE Power India International Conference (PIICON), Delhi, Dec 2014.
232. A Biswal and H O Bansal, "SCADA and its application to Renewable Energy integration", IEEE International Conference on Industrial and Information Systems (ICIIS), Gwalior, 15-17 Dec 2014.
233. A Panday and H O Bansal, "Fuel Efficiency Optimization of Input-Split Hybrid Electric Vehicle using DIRECT Algorithm" IEEE International Conference on Industrial and Information Systems (ICIIS), Gwalior, 15-17 Dec 2014.
234. S Binnani and H O Bansal, "Electronic Aid for Elder and Sick People: IR-Remote Controlled Switch Board for Changing State of Electrical Appliances", IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), Jaipur, May 9-11, 2014.
235. Y.K. Bhatshvar and H.D. Mathur, "Frequency Stabilization for Thermal-Hydro Power System with Fuzzy Logic Controlled SMES unit in Deregulated Environment", International Conference on Advanced Computing & Communication Technologies, Feb-2014, Rohtak, India

236. Ashish Mishra, Dhruv Vakharia, Anirban Jyoti Hati , Kota Solomon Raju, "Hardware Software Partitioning of Task Graph Using Genetic Algorithm ", IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), Jaipur, May 9-11, 2014.
237. Nitin Chaturvedi, Arun Subramanian, S Gururnarayanan, "Selective cache line replication scheme in Shared Last Level Cache", International Conference on Information and Communication Technologies (Under TEQIP Phase-II)-ICICT, 3-5 December 2014, Kochi.

238. Bakilapadavu Geetha., and Abhaya Simha G. *Ecocriticism and Cinema: A Breath of Life in Ron Fricke's Film Baraka*. BITS Pilani K K Birla Campus, Goa 9-11 October, 2014.
239. Bhattacharya Kumar Sankar "Reappropriating Agency within an Engendered Space: Swades – The Movie." Delhi University, International Conference on Re-orienting Gender: Geographies of Resistance, Agency, Violence and Desire in Asia, Delhi, November 19-21, 2014.
240. Bhattacharya Kumar Sankar "Mnemonic Memory and Amnesia in Aruni Kashyap's *The House with a Thousand Stories*." Banaras Hindu University, International Conference on Reading/Understanding Fiction in Contemporary Times, Varanasi, UP, March 5-6, 2014.
241. Bhattacharya Kumar Sankar "Unhomed and Deterritorialized: Quest for National Identity in Indira Goswami's the *Ahira*." 2014 South Asian Literary Association Conference, Chicago, IL., USA. January 8-9, 2014.
242. Bhattacharya Somdatta, "To Tame a 'Firingee': Cultural Representations of Anthony Firingee and the Logic of Postcolonial Claims of Assimilation", at the International Interdisciplinary Conference on "Language, Culture and Values: East and West" organised by the Centre of Arabic and African Studies and the School of Language, Literature and Culture Studies, JNU, New Delhi, 16-18 December, 2014.
243. Bhattacharya Somdatta, "Her Days and Nights in Calcutta: Feminine Labour and Sojourns in the Gendered Cityscape in Satyajit Ray and Mrinal Sen", at the International Women's World Congress, Hyderabad, 17-22 August 2014.
244. Chasul and V. S. Nirban (2014). "New Media Technology for Enhancing Communication Skills of Tertiary Students" at the International Conference on Methods, Aesthetics and Genres in English Communication, organized by UPES, Dehradun, 4-5 April, 2014.
245. Chasul and V. S. Nirban (2014). "SmartClass Technology Acceptance among Secondary School Teachers" at the International Conference on Language, Literature and Library: Disruptive Digressions and Digital Dimensions, organized by Manipal University, Jaipur, 22-24 January 2014.
246. Chasul and V. S. Nirban (2014). New Media Technology Acceptance Behavior of Students of Language and Communication Courses. IEEE Xplore, Proceedings of IEEE MITE 2014.
247. Chauhan Gajendra S., International Conference on "The Impact of Social Changes on English Language and Literature" (TISCELL2014) held in Lingaya's University on February 7-8 2014. Co-presented a research paper with Arun Poonia entitled "Role of English in Tourism Communication in a Globalized World: Advantage India!"
248. Chauhan Gajendra S., International Conference on Contemporary Research in Tourism and Hospitality: Theory, Practice and Pitfalls organized by Pondicherry University, Pondicherry, India

on February 18-21 2014. Co-presented a research paper with Arun Poonia entitled “Khushboo Gujarat Ki: An Incredible Advertising Campaign.”

249. Chauhan Gajendra S., National Seminar on Forthcoming Feminisms: Gender Activism in Law, Literature & Society organized by National Law University, Jodhpur on February 8-9 2014. Presented a research paper entitled “Sexist Communication in Advertisements: It’s not Fair Honey!”
250. Chauhan Gajendra S., Sixth Brno International Conference on Linguistics Studies in English with a central theme “Communication Across Genres and Discourses” held in Masarykova Univerzita, Czech Republic on September 11-12 2014. Co-presented a research paper with Arun Poonia entitled “Discovery of India: Discourse Analysis of Selected Indian Tourism TV Commercials.”
251. Choubisa, R. (2013). Appreciative Inquiry in Informal Mentor-Protégé Academic Relationships: A Well-Being Enhancement Outlook. Paper presented at the XXIII Annual convention of the National Academy of Psychology held at NIT, Rourkela (ODISHA), 13-15th of December 2013.
252. Choubisa, R. (2014). Aggrandizing Mentor-Protégé Relationships Through Appreciative Inquiry: An Insightful Case Study. Oral Paper presented at the 7th European Conference on Positive Psychology held at Amsterdam (Netherlands), 1-4th July 2014.(CHAired THE SESSION AS WELL).
253. Choubisa, R. (2014). Discursive Practices as Alluring conjectures to Sustainable Well-being: A Classic Detour from Sustainable Happiness Model. Oral Paper presented at the 28th International Congress of Applied Psychology, Paris, France, 8-13 July 2014.
254. Choubisa, R. (2014). HRIS as a Knowledge Management Tool for HRD Programs: Perceived Outlook of superiors and Subordinates in a Public Sector Undertaking. Paper presented at the AIB India: MENA Conference 2014 held at Indian Institute of Management, Udaipur (IIMU), 9-11 February 2014.
255. Choubisa, R. (2014). Role of HRIS in Effective Personnel Administration: A Preliminary Employee Perception Survey at a Public Sector Undertaking in India. Paper presented at 3rd International Conference on Advancement of Development Administration, Social Sciences and Interdisciplinary Studies, organized by National Institute of Development Administration, Bangkok, 9-11th October 2014.
256. Choubisa, R. Slezackova, A., Dvorakova, S., Potgieter, J., Singh, K., Choubisa, R., Jarden, A., & Howard, F. (2014). Social Capital and Subjective Well-Being among University Students: Their Link and Comparison of Czech, Indian, South African and New Zealand University Students. Poster presented at 7th European Conference on Positive Psychology held at Amsterdam (Netherlands), 1-4th July 2014.
257. Choubisa, R. Attended a Two Day workshop on 'Data Analytics and Using R for Statistical Analysis' organized by Department of Management at BITS Pilani during 22-23 November, 2014.
258. Choudhary, S. K. Attended and presented a paper entitled Emerging Challenges in ELT: Need for Teacher Capability Enhancement in a 3 day International Conference on “Language, Literature and Library: Disruptive Digressions and Digital Dimensions” organized by the Society for Analysis, Dialogue, Application and Action (Sadaa) in collaboration with Manipal University, Jaipur held at MUJ during 22-24 January 2014.
259. Choudhary, S. K. Attended and presented a co-authored paper entitled ELT and ICT interface: Challenges before the Teachers in the International Conference on Trends & Innovations in

Language Teaching organized by the English department of Sathyabama University, Chennai in association with Regional English Language Office, US Embassy, New Delhi and IEEE during 14-15 November 2014.

260. Choudhary, S. K. Attended and presented a paper entitled Methods to post method: Need for overhauling Teacher Education in the International Conference on Trends & Innovations in Language Teaching organized by the English department of sathyabama University, Chennai in association with Regional English Language Office, US Embassy, New Delhi and IEEE during 14-15 November 2014.
261. Choudhary, S. K. Attended and presented a paper entitled Methods to Postmethod: Is it time for theorizing Teacher Autonomy in English classroom in the 59th All India English Teachers' Conference on the theme World Literatures in English organized by the English department of Rajasthan Technical University, Kota in association with Association for English Studies in India during 19-21 December 2014.
262. Devika. "An Exposition to the Challenges Faced by Learners in the Acquisition of Oral Presentation Skills: *a Case Study*." Trends and Innovations in Language Teaching at Sathyabama University, Chennai (in association with RELO and IEEE Xplore), 14-15 Nov 2014.
263. Devika. "Challenges to rural students: a study of speaking skills." International Conference on *The Impact of Social Changes on English Language & Literature: an Overview of Past 100 Years* at Lingaya's University, Faridabad, 7-8 February 2014.
264. Kumar Neeraj Sachdev and Geetika Shree, "Understanding Ecological Sensitivity Among Professionals," in UGC Sponsored National Seminar on Environmental Ethics: Perspectives from the World Religions, organized by Department of Guru Nanak Studies, Guru Nanak Dev University, Amritsar, India during February 25-26, 2014
265. Kumar Neeraj Sachdev, "Culture, Ecological Sensitivity and Professionals," in International Conference on Towards Ecocultural Ethics: Recent Trends and Future Directions, organized by Department of Humanities and Social Sciences, BITS Pilani, K K Birla Goa Campus, Goa, India during October 9-11, 2014
266. Lata, Pushp, Attended and presented a Paper on "*Developing Intercultural Competence for Effective Teaching of Communication Skills*" at 9th International and 49th Annual ELTAI Conference, Jaipur, 21-23 August 2014.
267. Lata, Pushp, Attended and presented a Paper on "Enhancing Employability Prospects of College Students from Rural Background: Problems and Opportunities" at International Conference on Trends and Innovations in Language Teaching held at Sathyabama University, Chennai in collaboration with RELO and IEEE during 14 -15 November 2014.
268. Lata, Pushp, attended and presented a paper on "Why we need to transform ELT at Tertiary Level" at Sadaa Third International Conference being organized on the theme "*Language, Literature & Library: Disruptive Digressions & Digital Dimensions*" in collaboration with the Manipal University, Jaipur from 22 to 24 January 2014.
269. Madhusmita Das and Sangeeta Sharma A paper on "The persuasive power of women in advertising: Impact on ecology" at International conference on Ecocultural Ethics- Recent trends and future directions held at KK Birla Goa Campus, BITS Pilani Goa from 9-11 October 2014.

270. Nair Hari, 2014 Opening key note address titled "Unsettling European Epistemologies: Mapping the contours of paradigms from the South" (on 21 May 2014) at the *South-South Dialogues on New Ways of Democracy: Plurinationalism and Equity* between 21-23 May, 2014, in Redenção and Fortaleza, Ceará, Brazil.
271. Nair Hari, 2014 Presented a study titled "Tocqueville's India" at the 9th session (on Friday 9 March 2014) of the International Conference *India in Other Literatures* organized by the Department of Germanic and Romance Studies, at the Conference Centre, University of Delhi, held between 6th and 8th March 2014.
272. Priyanka Kumari and V. S. Nirban (2014). "Opportunities and Challenges in Using Web 2.0 Technologies in Higher Education" at the International Conference on Methods, Aesthetics and Genres in English Communication, organized by UPES, Dehradun, 4-5 April, 2014.
273. Sangeeta Sharma and Madhusmita Das Presented a paper on "Odyssey of Women in Advertising: A case study of Lux" at 3rd Biennial Conference held at AMSoM Ahmedabad University on 3-4 April 2014.
274. Sharma Ruchika, Presented paper on "Impact of Advertising Messages on Children's Brand Recall and Recognition: An Experiment Study in India" during 10th World business research conference held in Bangkok, 6-7 October 2014.
275. Sharma Sangeeta Presented a paper on "Advertising and Journalism : The innovative ways to lure the customers" at International Conference on Hybridity and News , Vrije Universiteit Brussels, Brussels 4-5 December 2014
276. Sharma Sangeeta Presented a paper on "New Idea for Better Society: A Case Study of Idea Advertising Campaigns" at International conference on Ecocultural Ethics- Recent trends and future directions held at KK Birla Goa Campus, BITS Pilani Goa from 9-11 October 2014.
277. Shekhawat Sushila. "Teaching English language through a Universal Language of cinema" at the International Conference on Methods, Aesthetics and Genres in English Communication organized by Centre for Professional Communication, University of Petroleum and Energy Studies, Dehradun, UK, during 4-5 April 2014.
278. V. S. Nirban and Chasul (2014). "Technology Acceptance in Education: a Research Review" at the International Conference on Language, Literature and Library: Disruptive Digressions and Digital Dimensions, organized by Manipal University, Jaipur, 22-24 January 2014.
279. V. S. Nirban and Chasul (2014). Learning Management System Acceptance Behavior of Students in Higher Education. IEEE Xplore, Proceedings of the IEEE MITE 2014.
280. Nirban V. S., Attended a National Workshop on "Research Methodology" organized by Chitkara University, Chandigarh during 9-10 June, 2014.
281. Vidhi Aggarwal and Sangeeta Sharma Presented a paper on "Anthropocentrism to Ecoculturalism : The transformation of Advertising landscape" at International conference on Ecocultural Ethics- Recent trends and future directions held at KK Birla Goa Campus, BITS Pilani Goa from 9-11 October 2014.

282. Yadav Anupam, Presented a paper titled *Aesthetics, Technology and Ethics* at the International Conference on *Towards Ecocultural Ethics: Recent Trends and Future Directions* held at BITS, Pilani, K.K. Birla Campus, Goa from 9-11 October, 2014.
283. Yadav Anupam, Presented a paper titled *Theoria. Rationality and Social Critique* at the International Silver Jubilee Seminar on *Theorizing Today – 25 Years Later* of Forum on Contemporary Theory in collaboration with the Department of Political Science, The M.S. University of Baroda held at The M.S. University of Baroda from 10-11 February, 2014.
284. Yadav Dinesh, Performing 'The Kitchen' and 'Manganiyar Classroom' Lyon (France), Amsterdam, Penang (Malaysia) and Bangalore; intricacies of the performance and time-bound resolutions.
285. Yadav Dinesh, Practice as Research in Performing Arts: Pedagogies and Resistances. National Seminar on 'Emerging Trends and New Perspectives in the Teaching & Learning practice in Performing and Visual Arts' 29-30 January 2014 SOPVA IGNOU, New Delhi.
286. Yadav Dinesh, Technology in/and Site-Specific Performances for Sustainability in Theatre, X Annual International Conference of Indian Society for Theatre Research (ISTR) 7-10 January 2014, Department of Media and Cultural Studies Central University of Rajasthan.
287. Shukla Tanu. Paper presented entitled *Subjugation of Women and Capability Approach: Relocating Gender in Higher Education* at Comparative International Education Society, Toronto, Canada (Sponsored by ICSSR), 10-15 March, 2014
288. Shukla Tanu. Paper presented entitled *An Empirical Analysis of Professional Ethics In Knowledge Economy* at IIM Udaipur, Feb, 8-11, 2014
289. Shukla Tanu. Paper presented entitled *Structural Barriers in the Progress of the Developing World: Revealing Concerns Related to Marginalized Sections Seeking Sustainable Balance* at International Conference on Advanced and Development Administration (ICADA), Thailand. 8-11, October, 2014
290. Shukla Tanu. Paper presented for presentation entitled *Socio organizational Marginalization at Higher Education* for National Association of Psychology (NAOP) at NIT, Rourkela on 13-15 December, 2013
291. Shukla Tanu. Attended a Two Day workshop on "Data Analytics and Using R for Statistical Analysis" organized by Department of Management at BITS Pilani during 22-23 November, 2014.
292. CB Gupta, Vipin Kumar, An EOQ model with general ramp type demand rate constant deterioration rate and partial backlogging, Presented in 25th Annual Conference of Rajasthan Ganita parishad and National Seminar on Applications of Computer in Mathematical Research held at SML College, Jhunjhunu, during 1-2 march 2014.
293. Shekhar, C., N policy for a machine repair problem with mixed standbys, permanent and additional repairmen working at control rates, in national conference on Advances in Mathematical Sciences & their Applications organized by Hindu Girls College, Sonipat and The Global Society of Mathematical & Allied Sciences on March 28-30, 2014.
294. Shekhar C., Reliability analysis of K-out of N system with controllable rates, common cause failure, in international conference on Emerging Trends in Global Management Practices- An

- interdisciplinary approach organized by Symbolisis Centre for Management Studies, Noida held on March 07-08, 2014.
295. Shekhar, C., Reliability analysis of K-out-of-M machining system with switching failure of mixed standbys and reboot delay, in national conference on Recent Trends & Development in Operations Research (NCRTDOR-2014) organized by Birla Institute of Technology and Science, Pilani held on February 22-23, 2014.
 296. Jain, M., Shekhar C. and Kumari, R. ,Reliability analysis of K-out of N system with controllable rates, common cause failure and warm standbys' e-proceedings of the international conference on Emerging Trends in Global Management Practices-An interdisciplinary approach, Symbolisis centre for Management Studies, Noida, 7-8 March, 2014.
 297. Maiti, D.K., Vortex shedding supression from a square cylinder due to offsetting rectangular cylinder towards wall. ISMMACS, IIT Kanpur December 31st 2013 to January 2nd, 2014.
 298. Nidhi Chaudhary, Padma Murali and Rajiv Kumar, Dynamics of formation of foam cells from LDL cholesterol and the inhibitory effects of therapeutic agents like statins, at International Conference on Mathematical Modeling and Computer Simulation, IIT, Madras, Dec. 8 – Dec. 10, 2014.
 299. Rakhee, Analysis of an infinite capacity single server discrete time queue with second optional service and server breakdown, joint meeting of the gor and the euro working group on stochastic modelling (Stochmod 14) held at University of Mannheim, Germany during 29 June-02 July, 2014.
 300. Shivi Agarwal, Scale efficiency of public transport sector of India, National Conference on Recent Trends and Developments in Operations Research held at BITS Pilani, Pilani Campus, Pilani, from February 22-23, 2014.
 301. Shivi Agarwal, "SBM data envelopment analysis in fuzzy environment", International Conference on Mathematics and Engineering Sciences, held at Chitkara University, HP, from March 20-22, 2014.
 302. Shivi Agarwal, Fuzzy data envelopment analysis model with credibility theory, International Conference on Operational Research, held at S.V. University, Tirupati, AP, from December 01-03, 2014.
 303. Trilok Mathur, Fekete- Szegő, Inequality for certain subclasses of analytic and bi-univalent functions, International Conference on Mathematics and Engineering Sciences-2014, Chitkara University, H.P.,20-22 March 2014.

 304. Dr. Srikanta Routroy presented paper in National Conference on Recent Trends and Developments in Operations Research, February 22-23, BITS Pilani, Pilani Campus.
 305. Dr. Srikanta Routroy presented paper in GCMM2014 (Global Congress on Manufacturing and Management), December 8-10, VIT, Vellore.
 306. Dr. A.K. Digalwar presented paper in 12th Global Conference on Sustainable Manufacturing. at Johor Bahru, Malaysia, September 22-24.
 307. Dr. Rajesh P. Mishra, presented a paper in 12th Global Conference on Sustainable Manufacturing. at Johor Bahru, Malaysia, September 22-24.

308. Dr. Rajesh P. Mishra, presented paper in National seminar on Indian industries of Mining: futures challenges , Indian Institute of Metals, Khetri nagar Rajasthan India 18 January

309. Dr Subrata Bandhu Ghosh presented paper in the International Conference on Biobased Materials and Composites', ICBMC'14, May 13-16, Montreal, Canada.

310. Dr. Sanchita Bandyopadhyay Ghosh presented paper in the International Conference on Biobased Materials and Composites', ICBMC'14, May 13-16, Montreal, Canada.

Authors	Title	Name of Conference	Place	Date
311. Gupta D, Mahesh R, Kurhey Y, Thangaraj D.	Antidepressant-like effects of EQC-34, a novel 5HT-3 receptor antagonist in neurobehavioral mouse model of depression	International Conference on Pharmacy and Pharmacology (ICPP)-2014	London, UK	26-27 September
312. Kurhey Y, Mahesh R, Gupta D, Thangaraj D.	Antidepressive-Like Effect Of A Novel 5-HT3 Receptor Antagonist (4a) Against Depression Co-Morbid With Obesity In Mice Subjected To Chronic Stress	Fens Forum of Neuroscience	Milan, Italy	5-9 July
313. Mundra S, Mahesh R.	Design, Synthesis and careening of falcapin-2 inhibitors as novel anti-malarial agents	2nd Nirma Institute of Pharmacy International Conference, NIPICON	Ahmedabad, India	January 23
314. Vadiraj D Kurdekar and Hemanth R. Jadhav	Hit identification using molecular modelling approach: Case study of reversible	Overcoming the Bottlenecks in Drug Discovery and Development	Gurgaon	20 - 21 March 2014

PAD4 inhibitor

315. Ashok Penta, Subhas Chander and Sankaranarayanan Murugesan An In-silico virtual screening approach to identify HIV-1 non-nucleoside reverse transcriptase inhibitors Indo-US conference on Molecular Modeling and Informatics in Drug Design organized by NIPER S.A.S Nagar, Mohali, Punjab November 03 - 06
316. Subhas Chander, Ashok Penta and Sankaranarayanan Murugesan In-silico virtual screening and docking studies for the identification of novel inhibitors of HIV-1 Reverse Transcriptase Indo-US conference on Molecular Modeling and Informatics in Drug Design organized by NIPER S.A.S Nagar, Mohali, Punjab November 03 - 06
317. S N C Sridhar, S Murugesan, Atish T. Paul Computational approaches for exploring the natural product based Pancreatic Lipase inhibitors Natural Products and Drug Discovery - Future Perspectives organized by Vienna University of Technology Vienna, Austria November 13 - 14
318. Taliyan R Possible involvement of GSK-3 β and mPTP in attenuation of the cardioprotective effect of remote ischemic preconditioning in diabetic rat Alternatives to Animal Experimentation in Drug Discovery Sir Madanlal Institute of Pharmacy- Etawah, U.P, 17 Feb-2014

heart

319. Taliyan R Possible mechanisms and prospects of ischemic tolerance against cerebral ischemia: from experimental strategies to clinical use New Horizons in Pharmacy and Pharmacology" (Indian Pharmacological society -North Zone) GLA University, Mathura, (U.P.), 15-16th Feb-2014
320. Taliyan R, Sharma S, Singh S Lithium chloride, a GSK-3 β inhibitor, restores the cardioprotective effect of postconditioning in isolated diabetic rats heart Recent Pharmacological Trends for shaping future of drug discovery and development". (IPS- North Zone) Maharishi Markandeshwar University, Ambala-Haryana 16-18 Oct-2014
321. Taliyan R Neuroprotective Effects of HDAC Inhibitor, Trichostatin A, In Intracerebroventricular Streptozotocin Induced Cognitive Deficits In Rats British Pharmacological Society-Pharmacology-2014 Londaon, U.K 16-18 Dec-2014
322. Mishra KM, Sushma Kumari, Paul AT. Phytopharmaceutical and biological investigations of Vyaghri Haritaki . Herbal Drug Research B. V. Patel Pharmaceutical Education & Research Development Centre, Ahmedabad, Gujarat 5-7th November-2014
323. Deepak Chitkara and Neeraj Core-shell nanoparticles for delivery of hydrophilic drugs International Conference on Polymeric Biomaterials, Bioengineering and New Delhi October 27-30 2014

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|------|---------------------------------|---|---|---------------|-------------------|--|
| | Kumar | | Biodiagnostics | | | |
| 324. | Anupama Mittal and Neeraj Kumar | Gentamicin containing PLGA-gelatin based biomimetic graft for infection-free wound healing | International Conference on Polymeric Biomaterials, Bioengineering and Biodiagnostics | New Delhi | October 27-30 '14 | |
| 325. | Raut, P.P., Charde, S.Y., | Design of Modified Release Multi-particulate Floating Drug Delivery System for Levodopa and Carbidopa Combination Based on a Multilayer Structure | 2014 AAPS Annual Meeting and Exposition, 2014 | San Diego, CA | 2014 | |
326. Dr. R. Choubisa presented a paper “Relativistic electron impact (e, (3-1)e) cross sections for atoms” in the International Conference on Many Particle Spectroscopy on Atoms, Molecules, Clusters and Surfaces held at Université de Lorraine, Metz (France) during 16-18 July, 2014.
327. Dr. S. Gangopadhyay presented a paper in the “3rd International Conference on Physics at Surfaces and Interfaces (PSI2014), held at Puri, Orissa (2014).
328. Dr. Tapomoy Guha Sarkar presented his work “ The Post-reionization neutral IGM: A Cosmological probe” in the workshop Cosmology day organized by ICTS Bangalore, in April 2014.
329. Dr. Tapomoy Guha Sarkar presented his work “ Cosmology using post reionization HI distribution ” in the conference ‘Aspects of Cosmology’ organized by Indian Institute of Astronomy, Bangalore, in April 2014.
330. Dr. Kunal Bhattacharya presented a paper in the conference “StatPhys Kolkata 8” held SNBNCBS, Kolkata in December 2014.
331. Dr. Biswanath Layek presented his work “Probing Dynamics of Phase Transitions Occurring Inside a Pulsar” in “XXI DAE-BRNS High Energy Physics Symposium”, held at IIT, Guwahati, 8 - 12 December, 2014.
332. Dr. Rishikesh Vaidya presented his work “Higgs to di-photon decay in SUSY without R-parity” in “XXI DAE-BRNS High Energy Physics Symposium”, held at IIT, Guwahati, 8 - 12 December, 2014.
333. Dr. Kaushar Vaidya presented her work “Optical Spectroscopy of X-ray Sources in the Carina Nebula” at the workshop “Current Trends in Near-Infrared Astronomy in India”, held at TIFR Balloon Facility, Hyderabad during November 25-27, 2014.

334. Mr. V.P. Devanarayanan presented his work "Interaction of graphene with self assembled monolayers, in International Conference on Soft Materials, MNIT Jaipur, 6-10 October, 2014, Received BEST POSTER AWARD.
335. Mr. Jitendra Kumar presented his work "Electro-Optic and dielectric studies on quantum dot doped nematic liquid crystal" in International Conference on Soft Materials, MNIT Jaipur, 6-10 October, 2014.
336. Ms. Monika Poonia and Ms. Akshata presented their work "Piezoelectric response due to contaminants in water" National Conference on Nano and Functional Material-2014, BITS Pilani, 7-8 Nov 2014.
337. Mr. C. Karthik presented his work "Application of disk shaped tricycloquinazoline molecule in fluorescence imaging" in National Conference on Nano and Functional Material-2014, BITS Pilani, 7-8 Nov 2014. (Received 3rd Prize in ORAL presentation category)
338. Ms. Keerti Choudhary presented her work "Thin film of TiO₂ nanoparticles at air-water and air-solid interfaces" in National Conference on Nano and Functional Material-2014, BITS Pilani, 7-8 Nov 2014.
339. "A multiple scattering approach to (e,2e) spectroscopy -- Recovery of EELS theory" by D. Sébilleau (CNRS Rennes), R. Choubisa (BITS Pilani) and J. Xu (USTC, Hefei) at MSNano workshop in Munich, 23 - 24 June, 2014. The talk was delivered by Dr. D. Sébilleau.
340. Mr. Amar Singh presented a paper *Pulling DNA: The effect of chain length on the mechanical stability of DNA chain*, in International Conference on Soft Materials, MNIT Jaipur, 6-10 October, 2014
341. Mr Surender Pratap presented a paper "Determinaton of channel electron Density of a Nano-MOSFET using Quantum and Semi-classical Methods", in "Condensed Matter Days- 2014" held at University of Calcutta from 27-29 August,2014
342. Mr Surender Pratap presented a paper "Application of the Self consistent Quantum an Semi-classical Schemes on Nano-Scale MOSFETS for Channel Density Determination" in "NFM-2014" held at BITS Pilani,Pilani Campus (Rajasthan), from 7-8 November,2014 organised by Department of Chemistry, BITS Pilani.
343. Dr. Madhukar Mishra presented his work "Bottomonium suppression at LHC energy based on temperature dependent formation time" in "XXI DAE-BRNS High Energy Physics Symposium", held at IIT, Guwahati, 8 - 12 December, 2014.
344. Tej Varma presented a poster on Interaction of 6-methoxyquinoline with ionic and neutral surfactants: A time-resolved fluorescence study at 17th international conference on luminescence and optical spectroscopy of condensed matter (ICL 2014) at University of Wroclaw 13-18 July, Wroclaw, Poland .
345. Dibakar Chakraborty, "Fibrinogenolytic agents and Platelet Inhibitors from Snake and the Sea" , IV Annual conference of The Toxinological Society of India 2014, he Department of Pharmacology, Calcutta School of Tropical Medicine, Kolkata.
346. Utpal Roy Purnima Singh, SM Singh,A.Srivastava and Utpal Roy "Bacterial diversity and biopotentials of culturable bacteria associated with different age sediments of Svalbard, Arctic"

in “5th Symposium on Polar Sciences” held at National Institute of Polar Research (NIPR), Tokyo, Japan on 3rd December, 2014.

347. Geetesh K. Mishra, Gautam Bacher, Utpal Roy, and Sunil Bhand. A micro biosensor for label-free detection of salmonella in water. Paper presentation at Nano-and Functional Materials at BITS Pilani. 7-8 November 2014.
348. Sumit Biswas, Presented paper at the 6th International Symposium on Recent Trends in Macromolecular Structure and Function, Univ. of Madras, Jan 22, 2014
349. Sumit Biswas Presented paper at the Symposium (Brainstorming meeting) on Proteomics: Present and Future, CCMB, Nov 24, 2014
350. Sumit Biswas Presented paper at the 6th Annual Meeting of Proteomics Society of India: From Discovery to Function, and attended workshop, IIT Mumbai, Dec 6-11, 2014
351. Ankush Saddhe and Kundan Kumar (2014). Molecular phylogeny of mangroves based on DNA barcode markers in Goa, India’s west coast. Tropical Ecology Congress 2014, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India. (Oral Presentation)
352. Rakesh Manuka and Kundan Kumar (2014). Identification of abiotic stress responsive With No Lysine kinase in rice. International Symposium on Plant Signaling and Behavior. New Delhi, India. (Poster Presentation)
353. Dr Indarni Talukadar Oral presentation at “5th International Conference on Stem Cells and Cancer (ICSCC-2014): Proliferation, Differentiation & Apoptosis” at JNU, New Delhi, Nov-2014. Title of the talk: “Kinome-wide Functional Analysis Highlights the Role of Cytoskeletal Remodeling in Somatic Cell Reprogramming”
354. Cytotoxic effects of Russell’s viper venom (RVV) in human alveolar adenocarcinoma cells cultured in vitro ; Jigni Sayeda Pathan, Ansie Martin, Dibakar Chakrabarty and Angshuman Sarkar*; 20th meeting of the French Society of Toxinology, Paris, France, Decembar 10-11, 2014.
355. Cellular responses of in vitro cultured human A549 cells to exposure of metal oxide nanoparticles, Ansie Martin and Angshuman Sarkar*, AICB, CDRI, Lucknow, December 10-12, 2014
356. Poster presentation titled "Three Dimensional Supermacroporous Carrageenan-Gelatin Cryogel Matrix As New Design of Biomaterials" in AMAN 2014 (May 17-19, 2014) at BITS Pilani, K.K Birla Goa Campus, Goa, India. Authors: Archana Sharma, Sumrita Bhat, Ashok Kumar and Vijayashree Nayak.
357. Archana Sharma, Sumrita Bhat, Ashok Kumar and Vijayashree Nayak " PEG-Gelatin and Carrageenan-Gelatin Supermacroporous Cryogel Matrices for Soft Tissue Engineering Applications” in TERMIS AM 2014 (December 13-16, 2014) at Renaissance Hotel, Washington, D.C, USA.
358. Bhakti B. Salgaonkar and Judith M. Bragança (2014) Bacillus megaterium strain H16 Producing Polyhydroxybutyrate. (Poster Presented) at Indo – UK International Workshop on Advanced Materials and Their Applications in Nanotechnology (AMAN 2014), 17th - 19th May 2014, BITS Pilani K K Birla Goa Campus, India.

359. Akriti Rastogi and Dibakar Chakrabarty, Anticoagulant Protein from Barrel Jellyfish, *Rhizostoma pulmo* from the Goan Coast, TSICon 2014, Calcutta School of Tropical Medicine, Kolkata, 19-22 November 2014. Won the best oral presentation award.
360. kriti Rastogi and Dibakar Chakrabarty, Anticoagulant Activity of Barrel Jellyfish (*Rhizostoma pulmo*) Tentacle Extract, 22nd Meeting of the French Society of Toxinology (SFET) "Toxins: New Targets and New Functions", Pasteur Institute, Paris, France, 10-11 December 2014.
361. Kratarth Goel, Raunaq Vohra, Anant Kamath, and **Veeky Baths**. Home Automation Using SSVEP & Eye-Blink Detection Based Brain-Computer Interface. 2014 **IEEE International Conference on Systems, Man, and Cybernetics**, October 5-8, 2014, San Diego, CA, USA
362. Pallavee Srivastava, EVR Nikhil, Judith M. Braganca, Sutapa Roy Ramanan, Meenal Kowshik, Tellurium nanoparticles biosynthesized by haloarchaeon *Halococcus salifodiane* BK3 (Poster). Indo-UK international workshop on advanced materials and their applications in nanotechnology at BITS Pilani K K Birla Goa Campus organized by BITS Pilani K K Birla Goa Campus and University of Leeds, UK, from 17th-19th May, 2014.
363. Avijit Das and Malabika Biswas, The putative Antirepressor protein of *Staphylococcus aureus* phage Phi11 has a killing effect on the host cells, Society of Biological Chemist(India), Bhubaneswar, 20th Dec, 2014
364. Chandrasekhar Chanda, Srinivas Sistla., Dibakar Chakrabarty. Characterization of KT-6.9, an anticoagulant protein purified from Indian Monocled Cobra (*Naja kaouthia*) venom.,Toxinology Society of India Conference (TSICON 2014), Calcutta School of Tropical Medicine, Kolkata from 20-22 November 2014.
365. Dr. Vijayashree Nayak , Interdisciplinary research workshop (IDR),Water and Sanitation, 14th and 15th of November 2014.
366. Rakesh Manuka and Kundan Kumar Identification of abiotic stress responsive With No Lysine kinase in rice International Symposium on Plant Signaling and Behavior 2014 Department of Botany, University of Delhi, Delhi
367. Hemotoxic activity of Sea star Coelomic Fluid" at the 22nd Meeting of The French Society of Toxinology, " Toxins- New Targets and New Functions" which was held in Pasteur Institute, Paris , France from 10-11 December 2014.
368. Sunil Bhand (Invited talk) Novel biosensors based on nanomaterials: An overview", National Conference on Nano-and Functional Materials organized by BITS Pilani –Pilani Campus, 7-8 November 2014.
369. Sunil Bhand, Delivered invited lecture "Recent developments in Micro biosensor devices- Indian Perspective" at 3rd theme meeting on Micro-nano technology in service of rural India" organized jointly by BRNS and DST India during 25 & 26 April 2014 at SVERI, Pandharpur India
370. Geetesh K. Mishra, Gautam Bacher, Utpal Roy, and Sunil Bhand. "A micro biosensor for label-free detection of salmonella in water". Oral Presentation (GKM) at National Conference on Nano-and Functional Materials organized by BITS Pilani –Pilani Campus, 7-8 November 2014.
371. Geetesh K. Mishra, Gautam Bacher ,Utpal Roy and Sunil Bhand "Impedemetricimmunosensor for bacterial detection" INDO- UK INTERNATIONAL WORKSHOP ON ADVANCED MATERIALS AND

THEIR APPLICATIONS IN NANOTECHNOLOGY (AMAN 2014) Organized by BITS Pilani, KK Birla Goa Campus(May 17- 19, 2014) **2nd prize in poster presentation** (GKM Ph.D. student).

372. B. Behera, S. Pal, L. Kanungo, S. Bhand and S. Chandra* "Synthesis and Characterization of ZnO-ZnAl₂O₄ Whiskers and Their Application in Biosensors" INDO- UK INTERNATIONAL WORKSHOP ON ADVANCED MATERIALS AND THEIR APPLICATIONS IN NANOTECHNOLOGY (AMAN 2014) Organized by BITS Pilani, KK Birla Goa Campus(May 17- 19, 2014). (Joint work with IIT Delhi).
373. Geetesh K. Mishra , Atul Sharma, Sunil Bhand "Ultrasensitive detection of streptomycin using Flow injection analysis-Electrochemical quartz crystal nanobalance (FIA-EQCN) biosensor" 24th Anniversary World Congress on Biosensors, May 27-30, 2014 Melbourne AUSTRALIA.(organized by Elsevier UK)
374. P.P. Naik, Geetesh K. Mishra, Bengt Danielsson and Sunil Bhand " Android Integrated urea biosensor for public health awareness" 24th Anniversary World Congress on Biosensors, May 27-30, 2014 Melbourne AUSTRALIA (organized by Elsevier UK).
375. Banerjee, S.; Bruckner, C.; 'Pyrrole-Modified and Annulated Porphyrins Towards Long Wavelength Optical Properties': Oral Presentation, DST-sponsored International Conference on Emerging Frontiers and Challenges in Chemistry, ICEFCC-2014" on 17th and 18th February-2014 at All Saints' College, Thiruvananthapuram, India.
376. Akanaksha Saini, Ranjan Dey, " Study of Thermodynamic Diagnostic, and Thermoacoustical parameters and their excess values of ternary liquid mixtures", RSC- NSC Symposium and NSC-CRSI Conference , IIT- Bombay, 5th – 8th February, 2014
377. Ranjan Dey and Akanksha Saini, "Thermodynamic and Thermophysical Properties of Binary Mixture with Ionic Liquids at different Temperatures", Thermodynamics of Chemical, Biological, Environmental and Non Conventional Energy Systems (TCBNES) 2014, 17th -18th October, 2014, S P University, Anand, Gujarat
378. RANJAN DEY[Invited talk] "PERIODIC TABLE- A HISTORIC OVERVIEW AND APPLICATIONS" , at SUMMER SCHOOL, NATIONAL ACADEMY OF SCIENCES INDIA (NASI), ALLAHABAD,U.P., 8TH JUNE, 2014
379. Diprati G. Khandare, Mainak Banerjee and Amrita Chatterjee "Amine functionalized tetraphenylethylene: A novel fluorescent probe for nitrite and nitrate based on the aggregation-induced emission." 16th CRSI National Symposium in Chemistry at IIT Bombay; Feb 7-9, 2014
380. Diprati G. Khandare, Mainak Banerjee and Amrita Chatterjee, "Fluorescence 'turn-on' Detection of Pb²⁺ ions by Aggregation-Induced Emission-Active Tetraphenylethene", INDO- UK INTERNATIONAL WORKSHOP ON ADVANCED MATERIALS AND THEIR APPLICATIONS IN NANOTECHNOLOGY (AMAN 2014) at BITS Pilani KK Birla Goa campus during 17- 19th May 2014.
381. C. Deoghare, R. N. Behera and R. Chauhan, "A Computational Study of Homolytic Bond Dissociation Process Involved in the Initiation Process of Atom Transfer Radical Polymerization", 16th CRSI National Symposium in Chemistry (NSC-16), February 6-9, 2014, IIT Mumbai, India.
382. Praveen Saini and Anjan Chattopadhyay, "A comparative study of the non-radiative decay channels in conjugated long-chain iminium ions and nitrones" 16th CRSI National Symposium in Chemistry at IIT Bombay; Feb 7-9, 2014.

383. Halan Prakash, "Activation of Persulphate using Nickel(II) azamacrocyclic and Ru(II) polypyridyl complexes and Degradation of pollutants" Third International Conference on Advanced Oxidation Processes, Conducted by MG University and SECAS, India Mahatma Gandhi University, Sept. 25-28, 2014.
384. R. N. Behera and A. Panda, Intramolecular non-bonded interactions in organochalcogens: A computational study, National conference on recent trends in chemical Science (RETICS-2014), Sambalpur University, Odisha, Nov. 14-15, 2014.
385. Nisheal M Kaley and R. N. Behera, "Computational Study of E•••N (E=Se/Te) Non-Bonded Interactions in Organochalcogen Compounds", Theoretical Chemistry Symposium, National Chemical Laboratory, Pune, December 18-21, 2014.
386. Shankar B. Dalavi and Rabi N. Panda, Superparamagnetism in single domain PEG-coated FeNi_{80-x}Co₂₀ (x = 20, 40) Ternary Alloys, International Symposium for Research Scholars – 2014 (ISRS 14), IIT Madras, Chennai, to be held in Dec. 2014.
387. R. N. Panda, Invited talk, Novel Synthesis, Characterization and magnetic properties of Fe, Ni and Co based metal and nitride nanomaterials, National conference on recent trends in chemical Science (RETICS-2014), 14th-15th, Nov., 2014.
388. Tanmay G. Netke, Palash Dhir, Venkatesan S. Thimmakondur, "Structures and Stabilities of C₇H₂ Isomers: Quantum Chemical Studies", Theoretical Chemistry Symposium, National Chemical Laboratory, Pune, December 18-21, 2014.
389. Aditya P. Pandey, Saurabh Deshpande, Garima Yadav, Tanmay G. Netke, Venkatesan S. Thimmakondur, "Structures and Energetics of C₉H₂ Isomers: An Ab Initio Study", Theoretical Chemistry Symposium, National Chemical Laboratory, Pune, December 18-21, 2014.
390. Amrita Chatterjee, Biomaterials 2014, International conference on Polymeric Biomaterials, Bioengineering & Bidiagnostics, organized by IIT Delhi and ENEA, Rome, Italy; oral presentation: Chemical sensors for biologically / environmentally important analytes October 27-30, 2014, New Delhi, India.
391. Vikash Kumar, Amrita Chatterjee and Mainak Banerjee. "Design and synthesis of a novel class of D-glucose based bolaamphiphiles and their catalytic application in 1,3-dipolar nitrene cycloaddition reactions" Indo-UK International workshop on Advanced Materials and Their Applications in Nanotechnology (AMAN- 2014), Department of Chemistry, BITS Pilani, K.K.Birla Goa campus, May 17-19, 2014.
392. D-Glucose Derived Novel Gemini Surfactants: Synthesis and Study of Their Surface Properties, DNA Binding, and Cytotoxicity, Vikash Kumar, Amrita Chatterjee and Mainak Banerjee, International Conference on Challenges in Chemistry and Biology of Carbohydrates, CARBOXXVIII, Feb. 23-25, 2014 at FRI, Dehradun.
393. A simple and efficient mechanochemical route for the syntheses of 2-aryl benzothiazoles and substituted benzimidazoles, Diprati Khandere, Vikash Kumar, Amrita Chatterjee and Mainak Banerjee, 16th CRSI National Symposium in chemistry (NSC-16), Mar. 6-9, 2014, IIT Bombay.
394. Saurabh Deshpande, Tanmay G. Netke, Aditya P. Pandey, Garima Yadav, and Venkatesan S. Thimmakondur, Quantum Chemistry of Astronomically Relevant Molecules: A Case Study of Structures C₉H₂ Isomers via An Ab Initio Calculations, National Conference on Advanced

Materials for Defence and Aerospace Applications, AMDA 2014, December 22, 2014, BITS-PILANI, Hyderabad Campus, India.

395. T. Mondal and AJC Varandas, "On Extracting Subfemtosecond Data from Femtosecond Quantum Dynamics Calculations: The methane Cation", Theoretical Chemistry Symposium, National Chemical Laboratory, Pune, December 18-21, 2014.
396. Shankar B. Dalavi, M. Manivel Raja and Rabi Narayan Panda, Chemical synthesis, characterizations and magnetic properties of nanocrystalline Fe₅₀Co₅₀ alloy, AIP Conf. Proc. 1591, 241-243 (2014). (DST)
397. Pragnya Paramita Mishra and Rabi Narayan Panda, Development Of Novel Chemical Synthetic Routes For Nanocrystalline VN, Mo₂N, And W₂N Nitride Materials, Accepted for poster presentation in DAE SSPS-2014 organized by BARC Mumbai ,16-20Dec,2014 at VIT Vellore.
398. Shankar B. Dalavi, M. Manivel Raja and R. N. Panda, Magnetic Properties of Ni Nanoparticles Embedded in Silica Matrix (KIT-6) Synthesized via Novel Chemical Route, 59th DAE Solid State Physics Symposium (DAE-SSPS-2014), VIT Vellore, to be held in Dec. 2014.

Presenter	Title of paper	Conference Name	Location	Date
399. Srinivas K., Parul Sahu, K. N. Ponnani	A theoretical approach to selection of suitable hydrate former for seawater desalination	8th International conference on gas hydrates	Beijing, China	28th July – 1st Aug 2014
400. Amol Deshpande, Srinivas K., K. N. Ponnani	Micro-pulsed differential reactors: A viable alternative for estimating kinetics of gas-solid reactions	CHEMCON – 2014 (67th Annual session of Indian Institute of Chemical Engineers)	Chandigarh, India	27 – 30th December 2014
401. Jegatha Nambi	Fabrication of Gold	International Conference on MEMS and Sensors (ICMEMSS 2014),	IIT Madras, Chennai, India	18th – 20th December 2014
402. Krishna n, Sampada Bokade, Satish	Nanostructure Arrays Using Modified Nanosphere Lithography			

Kumar
Dasari,
Sutapa
Roy
Ramana
n

403. G.Surendran, S.S.Baral
Treatment of Cr(VI) contaminated waste water by natural grass
ICEM 328, International Conference on Green Technology for Environmental Pollution Prevention and Control (ICGTEPC) 2014
NIT, Tiruchirapalli, India
27th – 29th September 2014
404. Prabhusharma, S. S. Baral, Kaustubh Singh
Carbon Capture and Biofuel Production through Microalgae
AIChE Annual Meeting
Atlanta, Georgia, USA
16th – 21st November 2014
405. Nehvivek Kovale, Manjare S D.,
Mathematical Modeling of the Dispersion of Air Pollutants from Multiple Sources for the City of Bokaro, Jharkhand
ICEM 328, International Conference on Green Technology for Environmental Pollution Prevention and Control (ICGTEPC) 2014
NIT, Tiruchirapalli, India
27th – 29th September 2014
406. S. S. Baral
Multiphase Reactors through Experimental and CFD Techniques (Workshop)
Flow IIT, Guwahati Insights
16th – 20th December 2014
407. K. N. Ponnani
Ecocultural Ethics of a Practicing Engineer—Musings on a Personal Journey
International seminar on "Towards Ecocultural Ethics - recent trends and future directions"
BITS Pilani KK Birla Campus
Goa
9th – 11th October 2014

408. Chaitanya Datye, Biju Raveendran and Sahil Deshpande, "LazyEDF: A Leakage-Aware DVFS Scheduler for Periodic Hard Real-Time Tasks", IEEE International Conference ICIS-2014, Dec 15 – 17, 2014.
409. Neethu Bal Mallya, Geeta Patil, Biju Raveendran, "Way Halted Prediction Cache : An Energy Efficient Cache Architecture for Embedded Processors", 28th International Conference on VLSI design, Jan 3 – 7, 2015.
410. Ramprasad Joshi, Bharat Deshpande and Paritosh Gote: Objective Dimension and Problem Structure in Multiobjective Optimization Problems, EvoApps 2014, 23-25 April, 2014, Granada, Spain.
411. Ashish Nanda, Rohit Omanwar and Bharat Deshpande : User proling for personalized ranking of search results, Eighth International Conference on Data Mining and Warehousing (ICDMW-2014), July 25th – 27th 2014, Bangalore, India.
412. Ashish Nanda, Rohit Omanwar, and Bharat Deshpande: Implicitly Learning a User Interest Profile for Personalization of Web Search using Collaborative Filtering, IEEE/WIC/ACM International Conference on Web Intelligence, 11-14 August, 2014, Warsaw, Poland.
413. L. J. Gudino, Joseph Rodrigues and Jagadeesha S. N., RLS- CMA Based Adaptive Interpolated Beamformer, Sixth International Conference on Computational Intelligence and Communication Networks 2014 (Accepted).
414. Gawas, Mahadev A., Lucy J. Gudino, K. R. Anupama, and Joseph Rodrigues. A Cross-Layer Delay Aware Multipath Routing Algorithm for Mobile Adhoc Networks, Fourth International Conference on Advances in Computing and Information technology (ACITY 2014) May 24, 2014.
415. S C Dhongdi, Anupama K R, R H Sant, L J Gudino, Implementation of Multi-hop Time Synchronization on Miniature Test-bed Set-up of Underwater Acoustic Sensor Network, Twentieth National Conference on Communication, NCC-14, Feb 28-March 2, 2014 (IIT-Kanpur. India).
416. Sreejith V, K. R. Anupama, Lucy J. Gudino, Development of Energy Efficient Routing Protocol for Mobile Wireless Sensor Networks, 6th International Conference on Communication System and Networks, COMSNETS 2014, 7-10 January, Bangalore. (Poster in PhD Forum, won Best PhD forum Award).
417. Catello Di Martino, Zbigniew Kalbarczyk, Ravishankar K Iyer, Geetika Goel, Santonu Sarkar, Rajeshwari Ganesan, Characterization of operational failures from a business data processing SaaS platform, Companion Proceedings of the 36th International Conference on Software Engineering, Date 2014/5/31.
418. A Paudice, S Sarkar, D Cotroneo, An Experiment with Conceptual Clustering for the Analysis of Security Alerts, Software Reliability Engineering Workshops (ISSREW), 2014 IEEE International Symposium, 3-6 Nov. 2014, 335 – 340, Naples.
419. S Sarkar, R Ganesan, M Cinque, F Frattini, S Russo, A Savignano, Mining Invariants from SaaS Application Logs (Practical Experience Report), Dependable Computing Conference (EDCC), 2014, 50-57.
420. N Tiwari, S Sarkar, U Bellur, M Indrawan, An Empirical Study of Hadoop's Energy Efficiency on a HPC Cluster, Procedia Computer Science, 2014 International Conference on Computational Science, Vol. 29, 62-72.

421. A Pecchia, D Cotroneo, R Ganesan, S Sarkar, Filtering Security Alerts for the Analysis of a Production SaaS Cloud, Proceedings of the 2014 IEEE/ACM 7th International Conference on Utility and Cloud Computing (UCC'14).
422. F Frattini, S Sarkar, J Khasnabish, S Russo, Using Invariants for Anomaly Detection: The Case Study of a SaaS Application, Proc. IEEE iSSRe workshops (RSDA).
423. Aruna G, A Greedy Approach to the Multi-class SVM problem in a Distributed Environment, 2014 Grace Hopper Conference.
424. Gawas, Mahadev A., Lucy J. Gudino, K. R. Anupama, and Joseph Rodrigues. "A Cross-Layer Delay Aware Multipath Routing Algorithm for Mobile Adhoc Networks", Fourth International Conference on Advances in Computing and Information technology (ACITY 2014) , pp. 113–123, May 24, 2014.
425. Gawas Mahadev A., Lucy J. Gudino, K.R. Anupama , "Cross Layer QoS Aware Multi Rate Routing Protocol for Ad hoc Network", 2014 Eighth IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS): PhD Student Forum.
426. S C Dhongdi, Anupama K R, R H Sant, L J Gudino, "Implementation of Multi-hop Time Synchronization on Miniature Test-bed Set-up of Underwater Acoustic Sensor Network," Twentieth National Conference on Communication, NCC-14, IIT-Kanpur, Feb 28-March 2, 2014.
427. Nagaraju, Shamanth; Kadam, Bhushan V; Gudino, Lucy J; Nagaraja, Srinivasprasad M; Dave, Neisarg, "Performance analysis of rectangular, triangular and E-shaped microstrip patch antenna arrays for wireless sensor networks," Computer and Communication Technology (ICCT), 2014 International Conference on , vol., no., pp.211,215, 26-28 Sept. 2014.

Debasis Patnaik

428. Paper on "Devising Bases for Indigenous Knowledge for Pro Poor Agricultural Systems' Presented in Manchester University, UK from 5th- 10 Aug2013.
429. Chaired two sessions on 'Issues in Rural Development' in the above IUAES Conference at Manchester from Aug5-10, 2013.
430. Presented a Paper on 'Climate change Finance" in International Conference on Business, Finance, IT held by Research Development Research Foundation, Jaipur, Rajasthan held in International Center, Goa on 29September2013.
431. Presented a paper on "Systems Approach to Innovation management" to Auckland, New Zealand for Conference Presentation and Publication in GIABR Conference on 24 - 25 Oct2013.
432. Presented paper on 'Labor force as important component of Development Planning 'to National Conference in Economic organized by Goa Economic Association in collaboration with Indian Economic Association held in Administrative building Seminar Hall, Goa University on 11 Nov 2013.
433. National Conference on 'India's Political Economy in Transition: The Crisis of Governance, Democracy and Development' Department of Political Science, Goa University, India 21-22nd December 2013. Presented a paper on India's uneven development growth path: An Industrial Perspective.
434. Presented a paper on "Public Health with Gynecological case study as part of CSR" jointly with Ms Shashilata Yadav in CSR National conference at MES College, Goa on 23 March 2013.

435. Presented a Paper on 'Theorizing Clusters for Corporate Social Responsibility' in CSR National conference at MES College, Goa on 23 March 2013.
436. Presented a joint paper on 'CSR and Financial health' in CSR National conference at MES College, Goa on 23 March 2013.
437. Edited and Reviewed a paper on "Industrial Growth in India" sent by Manpower Planning Journal in Feb2013. Later another paper by IAMR was reviewed.

Swagat K. Mishra

438. Attended 9th Ruhr Graduate Summer School on 'Trade and Climate Policy: Using GAMS and MPSGE applications' at University of Duisburg-Essen, Germany from 3rd-9th August, 2013.
439. Presented a paper titled 'Economics of scope in Rice and Fish integrated cultivation in Goa' at International Seminar on 'Emerging challenges and prospects of Indian Economy' organized by Goa Economic Association together with Indian Economic Association held on 11th November, 2013.

Mridula Goel

440. Business Ethics and Corporate Social Responsibility- Is there a dividing line? Mridula Goel, Preeti E. Ramanathan at SIMSARC 2013, International conference organized by SIMS, Pune Dec.12-13,2013, Chairperson for session on Marketing Management at SIMSARC 2013.

Shrabani Mukherjee

441. Does Institutional Rural Credit Cause Economic Growth in India? - A State Wise Scrutiny", 50th Annual Golden Jubilee Conference of the Indian Econometric Society (TIES), by Indira Gandhi Institute of Development Research (IGIDR), Mumbai during December 22-24, 2013.

A.K. Mishra

442. Agricultural Production and Sources of Agricultural Productivity in India- A Spatial Analysis (with Avinash Mittal, Swapnil Prashant Joshi and Bhargav Vishwanath) at the 50th Annual Golden Jubilee Conference of the Indian Econometric Society (TIES) organized by Indira Gandhi Institute of Development Research (IGIDR), Mumbai during December 22-24, 2013.
443. Financial Inclusion in India: Some Normatively Relevant Aspects of Inter-State Disparities (with Shyama Prasad Mohanty and Swagat Kishore Mishra) at the International Seminar on "Emerging Challenges and Prospects of Indian Economy", organized by Goa Economic Association in association with Indian Economic Association & Department of Economics, Goa University during November 11-12, 2013.
444. A short presentation on Financial Inclusion and Human Development across States in India at the Silver Jubilee Conference on Human Development organised by Indira Gandhi Institute of Development Research, Mumbai during September 26-28, 2013.

Debdulal Thakur

445. Expenditure for School Education in West Bengal: Examining Trends & Priorities', paper selected for presentation at the CESI Annual International Conference, 2013 hosted by the Department of Economics, University of Calcutta at Indian Statistical Institute- Kolkata, December 28-30, 2013.
446. NGOs Shaping State Policies: a brief note on the Indian scenario' co-authored with Abhijith Ashok & Shrabani Mukherjee, selected for presentation At National Seminar- Cum- Panel Discussion On "Rules Of Government: Role Of Corporate", Saturday, the 16th March 2013. Organized by Gitarattan International Business School, Delhi.
447. R. Femi, Shibu Clement, Anita Agrawal and A. Amalin Prince, "Effect of Electric Field on Electrical Breakdown Arc Behavior of Micro Contact Gaps: A 3D Approach", 6th IEEE PES Asia-Pacific Power and Energy Engineering conference, Hong Kong, 7th-10th, December 2014. Hosted by:IEEE Hong Kong Joint Chapter of PES/IAS/PELS/IES. Sponsored by: IEEE Power & Energy Society. Conducted by: Chinese Society for Electrical Engineering, The Hong Kong Institution of Engineers, The Institution of Engineering & Technology, Hong Kong, The Hong Kong Polytechnic University.
448. R. Femi, Shibu Clement, Anita Agrawal and A. Amalin Prince, "Cross Tied Array of Electrostatically Actuated Micro-Electromechanical Switches for AC Circuit Breaking Applications" IEEE International Conference on Magnetics, Machines & Drives, July 24th -26th, 2014. DOI:10.1109/AICERA.2014.6908215 Sponsored by "IEEE Kerala Section" and Conducted by "Amal Jyothi College of Engineering Kanjirappally".
449. S C Dhongdi, Anupama K R, R H Sant, L J Gudino, "Implementation of Multi-hop Time Synchronization on Miniature Test-bed Set-up of Underwater Acoustic Sensor Network," Twentieth National Conference on Communication, NCC-14, IIT-Kanpur, Feb 28-March 2, 2014
450. Meetha V Shenoy, Kirti Susan Varghese, Manasa Upadhaya, "A 8-bit SAR ADC using Current Mode Approach for Bio-Medical Applications" National Conference on Communication, Signal Processing and Networking-2014-NCCSN-2014 Sponsored by: IEEE and KSCSTE. Hosted by: NSS College of Engineering, Pallakad,Kerala.
451. Nitin Sharma, A. Anpalagan and M. Obaidat (Mohammad Obaidat, Petros Nicopolitidis, Faouzi Zarai Editors of the book) "Modeling and Simulation of Computer Networks and Systems" Elsevier's publication.??
452. Pravin S. Mane, Namita Paul, Nikhilesh Behera, Madankumar Sampath, C. K. Ramesha, "Hybrid CMOS-Memristor Based Configurable Logic Block Design", IEEE International Conference on Electronics and Communication Systems 2014(ICECS'14), (ISBN : 978-1-4799-2320-5/14, pp. 332-336).
453. Kartikeya Bhardwaj , Pravin Mane , Joerg Henkel, "Power and Area-Efficient Approximate Wallace Tree Multiplier for Error-Resilient Systems", 15th International Symposium on Quality Electronic Design (ISQED 2014), (ISBN :978-1-4799-3945-9, pp. 263-269).
454. Pravin Mane, Vivek Varier, Unnikrishnan S Prasad, Shridevi Muthkhod, C K Ramesha, "Nanocrossbar Based LUT Design For Reconfigurable Logic", International Conference on Microelectronics, Circuits and Systems,July 2014, Kolkata.

455. Kartikeya Bhardwaj, Pravin Mane, "C3Map and ARPSO Based Mapping Algorithms for Energy-Efficient Regular 3-D NoC Architectures", International Symposium on VLSI Design, Automation and Test (VLSI-DAT), 2014, Hsinchu (Taiwan), (ISBN: 978-1-4799-2776-0 pp. 1-4)
456. Pravin Mane, Nishil Talati, Ameya Riswadkar, Ramesh Raghu, C. K. Ramesha, "Implicating Logic Functions with Memristors ", International SoC Design Conference 2014 (ISODC 2014), Jeju, South Korea, (ISBN: 978-1-4799-5127-7, pp. 232-233)
457. R. Femi, Shibu Clement, Anita Agrawal and A. Amalin Prince, "Effect of Electric Field on Electrical Breakdown Arc Behavior of Micro Contact Gaps: A 3D Approach", 6th IEEE PES Asia-Pacific Power and Energy Engineering conference, Hong Kong, 7th-10th, December 2014. Hosted by:IEEE Hong Kong Joint Chapter of PES/IAS/PELS/IES. Sponsored by: IEEE Power & Energy Society. Conducted by: Chinese Society for Electrical Engineering, The Hong Kong Institution of Engineers, The Institution of Engineering & Technology, Hong Kong, The Hong Kong Polytechnic University.
458. R. Femi, Shibu Clement, Anita Agrawal and A. Amalin Prince, "Cross Tied Array of Electrostatically Actuated Micro-Electromechanical Switches for AC Circuit Breaking Applications" IEEE International Conference on Magnetics, Machines & Drives, July 24th -26th, 2014. DOI:10.1109/AICERA.2014.6908215Sponsored by "IEEE Kerala Section" and Conducted by "Amal Jyothi College of Engineering Kanjirappally".
459. Pravin S. Mane, Namita Paul, Nikhilesh Behera, Madankumar Sampath, C. K. Ramesha, "Hybrid CMOS-Memristor Based Configurable Logic Block Design", IEEE International Conference on Electronics and Communication Systems 2014(ICECS'14), (ISBN : 978-1-4799-2320-5/14, pp. 332-336).
460. Rajalekshmi Kishore, Ramesha C K,Viren Sharma, Roopal Joshi, Performance Evaluation of Energy Based Spectrum Sensing in Multipath Fading Channel for Cognitive Radio System, IEEE National Conference on Communication Signal Processing & Networking (NCCSN 2014).
461. Pravin Mane, Vivek Varier, Unnikrishnan S Prasad, Shridevi Muthkhod, C K Ramesha, "Nanocrossbar Based LUT Design For Reconfigurable Logic", International Conference on Microelectronics, Circuits and Systems,July 2014, Kolkata.
462. Kartikeya Bhardwaj, Pravin Mane, "C3Map and ARPSO Based Mapping Algorithms for Energy-Efficient Regular 3-D NoC Architectures", International Symposium on VLSI Design, Automation and Test (VLSI-DAT), 2014, Hsinchu (Taiwan), (ISBN: 978-1-4799-2776-0 pp. 1-4)
463. Pravin Mane, Nishil Talati, Ameya Riswadkar, Ramesh Raghu, C. K. Ramesha, "Implicating Logic Functions with Memristors ", International SoC Design Conference 2014 (ISODC 2014), Jeju, South Korea, (ISBN: 978-1-4799-5127-7, pp. 232-233)
464. Raman Meenakshi. Interpersonal Communication as a tool for Effective Hospital Administration. Adwitya 2014 National Conference on Healthcare in 21st Century, IHMR, Bangalore. 23-24 January 2014.
465. Reena Cheruvalath, 'The Sociality of Morality in Personal and professional relationships: An Indian woman perspective', International and Interdisciplinary Conference on Language, Culture

and Values: East and West, Jawaharlal Nehru University, New Delhi, December 16-18,2014, conducted by School of Language, Literature and Culture Studies of Jawaharlal Nehru University and Institute of Cultural Studies and Academic Exchange USA.

466. Nilak Datta, "Under Western Eyes: Tourist Gazes in recent Postcolonial Indian Fictions", IACLALS Annual Conference 2014 (Indian Association of Commonwealth Literature and Language Studies) co-hosted by Panjab University (Feb 20-22, 2014). Conference Proceedings to be brought out in The IACLALS Journal in the next Annual Conference to be held in BITS –Goa, Feb 12-14, 2015.
467. Alex Rayson K Paper titled "The Tribal People Should Speak:" Representations of Indigeneity in Ecodocumentaries" in the International Conference on English Language and Social Change organised by The Department of English at Lingaya's University, Faridabad, New Delhi on 8 February 2014.
468. RP Pradhan "Indo-Japan Engagement: Connotation to ASEAN Plus & Plus" for the NIDA International Conference in Bangkok , 9-11th October 2014.
469. (Dr. Amit Setia) presented a paper entitled "The solution of the Bagley–Torvik equation by using second kind Chebyshev wavelet" with co-authors: Yucheng Liu, A. S. Vatsala at 11th International Conference on Information Technology: New Generations held at Las Vegas, USA, during April 7-9, 2014.
470. (Dr. Amit Setia) presented a paper entitled "Solution of linear fractional Fredholm integro-differential equation by using second kind Chebyshev wavelet" with co-authors: Yucheng Liu, A. S. Vatsala, at 11th International Conference on Information Technology: New Generations held at Las Vegas, USA, during April 7-9, 2014.
471. (Dr. G. C. Samanta) presented a paper entitled Higher dimensional mesonic string cosmological models in Lyra geometry, in UGC National seminar on "Exact Solutions of Einstein's Field Equations" organized by Rev. Dr. A. O. Konnully Memorial Research Center and Post Graduate Department of Mathematics, during December 11-12 2014 at St. Albert's College, Ernakulam.
472. (Manoj Pandey), presented a paper entitled Exact Solutions of Magnetogasdynamic Equations, Presented at the International Conference on Special Functions & Their Applications (ICSFA 2014). Organized at Thapar University Patiala.
473. (Dr. P. Dhanumjaya) presented a paper in National Level Conference on Numerical Analysis and its Applications held at Gokhale Centenary College, Ankola, Karnataka State during 10-11 January 2014.
Title of the Talk: Finite Element Methods to one-dimensional Extended Fisher- Kolmogorov (EFK) Equation.
474. (Dr. P. Dhanumjaya) presented a paper in an International Conference on Computational PDE, Finite Element Meet-2014 held at TIFR-CAM, Bangalore during 18-20 December 2014. Title of the Talk: Nonconforming Finite Element Methods to fourth order nonlinear parabolic type equations.

475. (Dr. Alpesh M. Dhorajia) presented a paper in the conference on Graph Theory, Matrix Theory and Interaction, held at Queen's University, Kingston, Canada, June 20-21, 2014. Title of the Talk: Basic Properties of Total Graphs of Certain Rings,

476. Mrs. Jessica Pereira presented a research paper titled "A New Measure for Gracefulness of Graphs" at the eighth international workshop on Graph Labelings (IWOGL -2014) from Dec 03-06, 2014, organized by Kalasalingum University, Tamil Nadu.

	Presenter	Title of Paper	Conference Name	Location	Date
477.	PL.Ram kumar	Investigation of Melt Flow Index and Impact Strength of Foamed	ICMPC 2014	Hydrabad	8th & 9th march 2014
478.	P. A. Kulkarni, K. P. Shete, S. Jogdan kar, and R. S. Patil	Effect of Barrel Wall Fin of the Cyclone Separator on Fluid Dynamic Characteristics	FMFP 2014	IIT Kanpur	12th-14th December 2014
479.	K. P. Shete, P. A. Kulkarni, and R. S. Patil	Computational Studies on Effects of Novel Geometries of Distributor Plates on Fluid	FMFP 2014	IIT Kanpur	12th-14th December 2014
480.	R. S. Patil, P. Mahanta, and M. Pandey	Effect of Superficial Velocity of Air and Riser Cross Sectional Area Heat Transfer	ICME 2014	Imperial College London, UK	2nd-4th July 2014
481.	G. N. Shelke, P. Mahanta, and R. S.	Experimental Studies on Thermal Behaviour of Gasifier	ICME 2014	Imperial College London, UK	2nd-4th July 2014

Patil

482. Kiran C.P., Shibu Clement, H.Chelladurai
 Experimental evaluation of quality interactions in material processing
 International conference on Product Life cycle, Modeling, Simulation and Synthesis (PLMSS 2014)
 VITS, Vellore, Tamilnadu, India. 6-8 January, 2014
483. M. Sreedhar Babu, Abhijit Padhiary, S. Clement and N.K.S.Rajan
 Effect of Biomass Derived Producer Gas Fuel Quality on Heating Value and its Influence on Flame Speeds
 2nd International Conference on Emerging Trends in Energy and Environment
 Sairam Engineering College, Chennai, Tamil Nadu, India 9-10 January, 2014
484. Sagar Bose, Rohan Verma, Kriti Aditya
 Modeling, Analysis and Fabrication of a Thrust Vectoring Spherical VTOL Aerial Vehicle
 35th IEEE Aerospace Conference
 Yellowstone Conference Center, Big Sky, Montana, USA 1-8 March, 2014
485. Phaneendra Kiran Chaganti and Shibu Clement
 x-abilities and attributes based decision making in evaluation and selection of a turbine blade material
 ASME 2014 International Manufacturing Science and Engineering Conference
 Detroit, Michigan, USA 9-13 June, 2014
486. R. Femi, Shibu Clement, Anita Agrawal and A. Amalin Prince
 Cross Tied Array of Electro-statically Actuated Micro-Electromechanical Switches for AC Circuit Breaking Applications
 IEEE International Conference on Magnetics, Machines & Drives
 Amal Jyothi College of Engineering, Kanjirappally, Kerala, India 24-26 July 2014
487. Saurab
 CFD Simulation
 ASME 2014 4th
 Chicago, 3-7 August,

h Sharma and Shibu Clement	of the flow characteristics of NACA 0012, NACA 6409 and DHMTU airfoils in Ground Effect	Joint European Fluids Engineering Division Summer Meeting and 11th International Conference on Nanochannels, Microchannels, and Minichannels	US- Illinois, USA	2014
488. R. Femi, Shibu Clement, Anita Agrawal and A. Amalin Prince	Effect of Electric Field on Electrical Breakdown Arc Behavior of Micro Contact Gaps: A 3D Approach	6th IEEE PES Asia-Pacific Power and Energy Engineering conference	Hong Kong	7-10 December 2014
489. Shreya k Yadav, Sushant Kumar and Shibu Clement	Interrupted jet impingement of nanofluids on heated surfaces	5th International Congress on Computational Mechanics and Simulation (ICCMS-2014)	CSIR-Structural Engineering Research Centre, Chennai, India	10-13 December, 2014
490. Sachin Waigao nkar and Girish Chandran	Simulation of Rotational Moulding of Plastics for a Rock and Roll Rotational Moulding Machine using ROTOSIM	9th International Materials Technology Conference and Exhibition (IMTCE 2014)	Institute of Materials, Kulalumpur, Malaysia	May 13-16 2014
491. Girish Chandran and Sachin Waigaonkar	Experimental investigations on mechanical properties of Linear Low Density Polyethylene -	3rd World Conference on Applied Sciences, Engineering and Technology	Nepal	27-29 September 2014

- Fumed Silica (WCSET-2014)
nano composites
492. Girish Chandran and Sachin Waigao nkar Rheological Characteristics of Linear Low Density Polyethylene – Fumed Silica Nano composites, International conference on Advanced Polymeric Materials Center of Nanoscience and Technology, Kottaya, Kerala. 2013
493. Kiran Mali, Pravin singru On the Use of Greatest Integer Function to Express Material Property Variation in Free Vibration Problem of Simply Supported Square Plates with Square Array of Circular Perforations ICMPC 2014 Hyderabad 8th & 9th march 2014

494. Structural and optical properties of Ni-doped ZnO nanoparticles, Chithira P R, Teny Theresa John, International Conference on Magnetic Materials and Applications (IC MAGMA-2014), Pondicherry University, Pondicherry

495. Studies on Biomolecular Transport through Nuclear Membranes using a Home Built Confocal Laser Scanning Microscope, Arunkarthick S., Bijeesh M. M., Varier G.K., Kowshik M. and P. Nandakumar, 8th International Microscopy Congress (IMC 2014) 7 -12 September 2014. Prague

496. Permeability studies on nuclear membranes using confocal laser scanning microscopy, Arunkarthick S., Bijeesh M. M., Varier G.K., Kowshik M. and Nandakumar P., DAE-BRNS National Laser Symposium (NLS-22) Department of Atomic and Molecular Physics MIT, Manipal University, Manipal, Karnataka, INDIA January 8-11, 2014.

497. Nonlinear refractive index measurements of BaTiO₃ by the Z - scan technique, Bijeesh M. M., Arunkarthick S., Varier G.K. and Nandakumar P., DAE-BRNS National Laser Symposium (NLS-22) Department of Atomic and Molecular Physics, MIT, Manipal University, Manipal, Karnataka, INDIA January 8-11, 2014.

498. Mode locking, Chaos, and Bifurcations in a Sinusoidally Forced Hodgkin-Huxley Neuron, Himanshu Gangal, Gaurav Dar; 7th Chaotic Modeling and Simulation International Conference, Lisbon-Portugal, June 7-10, 2014
499. Collider and Astrophysical searches of beyond the Standard Model Physics, J. Selvaganapathy, DAE, BRNS Symposium at IIT Guwahati held during 8th – 12th Dec.2014.
500. Blesson Memana Abraham and Suman Kapur, School based interventional study employing information and communication technologies to strengthen the adolescent health program in india, to be presented at the APAMI 2014, scheduled to be held in New Delhi from November 1-2, 2014.
501. Sanyam Garg, Ramprasaath Ramasamy Selvaraju, Suman Kapur, MM. Rao Kunda, Automated colorimetric analysis in paper based sensors to be presented at IEEE International Conference on Image Processing (ICOIP 2014) to be held 27th to 30th October 2014 at CNIT La Defense, Paris.
502. Suman Kapur, Changing Demographics, Globalization, Environment and Health Care to be presented at ISEC, 2014 to be held at Bangalore from 27th - 28th October 2014.
503. Suman Kapur, Genomics in Health and Diseases plenary lecture delivered at Genomics in Health and Diseases organized by CIENCIA publishers Erragadda, Hyderabad, India on August 22-23, 2014.
504. Rupak Kumar and Suman Kapur, The Biodegradation of environmental pollutant-morpholine, presented at national conference on biodiversity, environmental hazards-therapeutic approaches and drug design, held at Govt. degree college for women, Srikalahasti, A.P on July 26-27, 2014.
505. Suman Kapur Invited speaker at British Council's Global Education Dialogue held at Colombo, Sri Lanka from 17 to 18th March 2014.
506. Suman Kapur, Environment and Health: Approaches for mitigating ill-health effects environment degradation, presented at the International Conference on Emerging trends in Science & Technology Impact on Environment & Society for inclusive growth, held at AISECT University, Mendua, Bhojpur, Raisen, M.P., India from 14-15 Feb 2014.
507. Suman Kapur, Anuradha Pal, Shivani Gupta, D.V.Padmavathi, Ultra Rapid test for determining antibiotic sensitivity: RightBiotic, presented at the International Conference on Emerging trends in Science & Technology Impact on Environment & Society for inclusive growth, held at AISECT University, Mendua, Bhojpur, Raisen, M.P., India from 14-15 Feb 2014.
508. Pavan K. Mujawdiya, Shaifali Gurjar, Anuradha Pal and Suman Kapur, Holes in the Gut: Gut permeability as a consequence of diet and environmental changes, presented at the International Conference on Emerging trends in Science & Technology Impact on Environment & Society for inclusive growth, held at AISECT University, Mendua, Bhojpur, M.P., India from 14-15 Feb 2014.
509. D.V. Padmavathi, Shivani Gupta, Apoorva Verma and Suman Kapur, Allium sativum: A functional food to combat the growing antimicrobial resistance (AMR), presented at the International

Conference on Emerging trends in Science & Technology Impact on Environment & Society for inclusive growth, held at AISECT University, Mendua, Bhojpur, M.P., India from 14-15 Feb 2014.

510. Shivani Gupta, Rupak Kumar, D.V. Padmavathi and Suman Kapur, Environment pollutant (Morpholine): Contribution to antimicrobial resistance (AMR), presented at the International Conference on Emerging trends in Science & Technology Impact on Environment & Society for inclusive growth, held at AISECT University, Mendua, Bhojpur, M.P., India from 14-15 Feb 2014.
511. Sai Chinmayi Jillellamudi, Sruthi Varier, Suman Kapur, Regulatory Micro RNAs Regulated by Macro Environment, presented at the International Conference on Emerging trends in Science & Technology Impact on Environment & Society for inclusive growth, held at AISECT University, Mendua, Bhojpur, M.P., India from 14-15 Feb 2014.
512. Sharma P, Bharati M R, Dave M, Kapur S and Narayan K P (2014) Comparative analysis of apoptotic activity from extracts of saponin-rich Indian medicinal plants. *Journal of Pharmacy Research* 8(12):1779-1784.
513. Sharma P, Banerjee R and Narayan K P (2014) Liposomes for Controlled Drug Delivery: Drugs of the Future. *Journal of Pharmacy Research* 8(5):637-641.
514. Sharma P, Banerjee R and Narayan K P (2014) Steroid hormone receptor mediated liposomal delivery system induces apoptosis in cancer cells in a targeted manner. International Conference on stem cells and cancer (ICSCC-2014): Proliferation, differentiation & apoptosis at JNU Convention Centre, New Delhi, India from 8-10 November, 2014.
515. Sharma P, Bharti M R, Dave m and Narayan K P (2014) Phytoextracts from highly saponin producing plants induces cytotoxicity and apoptosis in cancer cells. International Conference on Chemical Biology (ICCB)- 2014 at CSIR-Indian Institute of Chemical Technology, Hyderabad, India from 6-8 February, 2014.
516. MadhuPoornima Mamidala, Mahesh Kumar Reddy, Vidya Rajesh, "An epidemiological study on maternal polycystic ovarian syndrome as risk factor for Autism Spectral Disorder," International symposium - Evidence in Global Disability and Health, Hyderabad Central University, 22-23rd February, 2014.
517. Manasi, Vidya Rajesh, Satvika T., N. Rajesh, " Removal of zinc using a novel microbe-polysaccharide adsorbent', 16th CRSI National Symposium in Chemistry, IIT, Bombay, 7th - 9th February, 2014.
518. Design and Syntheses of 'Aggregation Induced Emission' Active Cyclometalated Platinum(II) Complexes and their Biological Applications, Sheik Saleem Pasha, Parvej Alam, Rajdeep Chowdhury, Debashree Banerjee, Nigam Rath, Inamur R. Laskar, IISER Mohali National Seminar on Crystallography, 28th to 30th March, 2014, IISER, Mohali, INDIA
519. Role of Microenvironment in modulating structure and function of Cystine residues in high-resolution protein crystal structures, Debashree Bandyopadhyay, 4th Annual International Conference, Biotech 2014, 10th and 11th March, 2014, BITS-PILANI, Dubai Campus, Dubai
520. How is the rate of a chemical reaction regulated in biological systems? Study on acid-base reactions in high-resolution protein crystal structures, Debashree Bandyopadhyay, Annual Meeting of the Indian Biophysical Society, February, 7-10, 2014, Kolkata, India
521. Role of Microenvironment in modulating structure and function of Cystine residues in high-resolution protein crystal structures, Akshay Bhatnagar and Debashree Bandyopadhyay, Annual Meeting of the Indian Biophysical Society, February, 7-10, 2014, Kolkata, India

522. Siva Prasad B, Ashwini S, Sankar Ganesh P, Physicochemical Characterization and Ecotoxicological Evaluation of TiO₂ Nanoparticles in Earthworm *Eisenia foetida*, The Toxicologist 215, 53rd Annual Meeting and ToxExpo of The Society of Toxicology, Phoenix, Arizona, March 2014.
523. B. Siva Prasad, P. Sankar Ganesh, 2014. Acetylcholinesterase response in fish *Catla catla* as a biomarker of chlorpyrifos contamination in fresh water ecosystem. Proceedings of 4th Annual International Conference on Advances in Biotechnology (BIOTECH 2014). BITS Pilani, Dubai Campus, March 2014.
524. Siva Prasad B, Ashwini S, Sankar Ganesh P, Should we say NO to NaNO? Preliminary study to corroborate occurrence of nanoparticles in treated wastewater samples, Proceedings of the National Conference on Technology, Policy and Community: Small Experiments in Sustainability, BITS Pilani, Hyderabad Campus, March 2014.
525. Siva Prasad B, Ashwini S, Sankar Ganesh P, Confounding factors and future challenges to delineate ecotoxicity of TiO₂ nanoparticles, Proceedings of the 9th SETAC Asia Pacific 2014 conference, Adelaide, Australia, September 2014.
526. Swasti Dhagat, Sankar Ganesh P, Srikanth Mutnuri, Evolution of UASB reactor: Descent with modifications pertaining to treatment efficiency and methane productivity, Proceedings of the Conference on Decentralized Biogas Digesters and their Slurry Management, BITS Pilani, Goa Campus November 2014.
527. Sankar Ganesh P, Siva Prasad B, Nanomaterials and Nanotoxicology: Two sides of the same coin, Proceedings of the National Conference on Advanced Materials for Defence and Aerospace Applications, AMDA 2014, BITS Pilani, Hyderabad Campus, December 2014.
528. R. B. Adusumalli, Bipin Chakravarthy, K. Shantanu, S.Dinda. Analysis of Wood Pulp after Cooking and bleaching. CHEMCON 2014, Indian Institute of Chemical Engineers, Dec. 27-30, 2014, Chandigarh, India
529. Manne Ashish, Sharat Chandra, S. Dinda, R.B. Adusumalli. Analysis of CO and PM during incineration of Municipal Solid Waste. CHEMCON 2014, Indian Institute of Chemical Engineers, Dec. 27-30, 2014, Chandigarh, India
530. P. Suresh, P. Dinesh Kumar, I. Sreedhar, Vikranth Kumar Surasani and K, V. Raghavan, "A Shift from Batch to Continuous Granulation in Pharmaceutical Industry-Challenges Ahead", International conference on New Dimensions in Chemistry and Chemical Technologies-Applications in Pharma Industry, IST, June 2014. JNTU Hyderabad.
531. V. Gayatri, B.Sreenivasulu, and I. Sreedhar, "Multiphase kinetics of Zeolite Catalyzed Toluene Nitration", Proceedings of International Symposium& 67th Annual Session of IChE in association with International Partners (CHEMCON 2014), Dec 27-30, 2014.(Accepted) Chandigarh, India
532. Y. Kirti kishan, Ch, Pradeep and I.Sreedhar, "Production of Biodiesel from Rice Bran Oil and Ethanol Catalyzed by Calciumoxide", Proceedings of International Symposium& 67th Annual Session of IChE in association with International Partners (CHEMCON 2014), Chandigarh, India, Dec 27-30, 2014.(Accepted).

533. D.Purnima, Sai Sushma,"A Review on Polylactic acid (PLA) based natural fiber composites",Proceedings of International Conference on New Dimensions in Chemistry and Chemical Technologies -Applications in Pharma industry,JNTU Hyderabad, 23-25 June, 2014.
534. D.Purnima,G.Nischay Kaushik, D.Anup Kumar,"Crystallization and Impact behavior of Coir based Hybrid Composites of Polypropylene",Proceedings of MACRO 2014, Thailand,6-11 July, 2014.
535. D.Purnima, Sai Sushma" Coir as impact modifier in Polypropylene: A comparative study between PP/EPDM blends and PP/Coir Composites" Proceedings of MACRO 2015,International Symposium on Polymer Science Technology to be held at Indian Institute of Cultivation Science,Kolkata, 23-26 Jan 2015, 2015(Accepted).
536. Appala Naidu U, Karthik Chethan V, Srikanta Dinda, Polymerization Studies of Ketonic Resin. CHEMCON-2014, Chandigarh India; 27-30 Dec2014.
537. Srikanta Dinda, Prakash Purswani, Bhavana Vijay, R.B. Adusumalli, Development of Bio-based Polymer from Nahor Oil. CHEMCON-2014, Chandigarh India, 27-30 Dec 2014.
538. Rohit Puntambekar, P. Madhuri, Srikanta Dinda, R.B Adusumalli, Delignification of Heartwood and Sapwood. Indo-US Conference on Advanced Lignocellulosic Biofuels. IICT Hyderabad, Nov.10-11, 2014.
539. T. Vikramaditya, M. Sai Sudhakar and K. Sumithra, Effect of substituents on electronic properties of oligo- and polythiophenes, 13th Eurasia conference on chemical sciences @ Indian Institute of science, Bangalore, 14-18th December 2014.
540. T. Vikramaditya, M. Sai Sudhakar and K. Sumithra, "Diagnostic test to assess the role of Functional, Solvent formalism, Basis set in determining Optical properties", 13th Eurasia conference on chemical sciences, Indian Institute of Science, Bangalore, 14-18th December 2014.
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593. Mr. Digambar Powar attended an International conference on Information Systems Security, at IDRBT, Hyderabad during 16 - 17th, December 2014
594. Dr. Gururaj attended an International Conference on Management of Data- 2014 (COMAD-14), held at IIITH, Hyderabad, 17 -19, Dec'2014

595. Game-theoretic Patrolling Strategies for Intrusion Detection in Collaborative Peer-to-Peer Networks, Pratik Narang, Kunal Mehta, and Chittaranjan Hota, International Conference on Secure Knowledge Management in Big Data Era (SKM 2014), Dubai, Dec 2014
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604. Toward Predictable Batch Systems Using What-If Analysis, Puskar Gupta[†], Aruna Malapati, Maitreya Natu, Vaishali Sadaphal, HiPC2014
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631. Swati Narula, G.Bhuvaneswari and Bhim Singh "A PFC Based Power Quality Improved Bridgeless Converter for Welding Applications" Accepted for Presentation in IEEE Power India Conference, December 2014
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633. Shikha Singh, Bhim Singh and G.Bhuvaneswari "Improved power quality SMPS for Computers using bridgeless PFC converter at front end" accepted for presentation in IEEE IICPE conference, December 2014
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637. Stuty Kumari and G.Bhuvaneswari "Voltage regulation of a stand-alone Three-phase SEIG feeding Single-phase loads" presented in IEEE SCEECS conference, March 2014
638. Shikha Singh, G.Bhuvaneswari and B.Singh "Power factor corrected SMPS using Sheppard-Taylor Converter" presented in IEEE Conference SCEECS March 2014
639. Swati Narula, G.Bhuvaneswari, B.Singh "Isolated Bridgeless converter for welding power supply with improved power quality" presented in IEEE SCEECS conference, March 2014
640. "Comparison of performance in P3HT:PCBM bulk heterojunction organic solar cells of different thickness", A.Saradhi, B.V.V.S.N Prabhakar Rao, IEEE CONECCT 2014, Jan 6-7 2014

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643. C H Yaganti "Estimation of optimal Hedge Ratio and Hedging Effectiveness of Futures Markets- A Case study of Gold & Silver" held on 31st January to 2nd February 2014 held at Gokhale Institute of Politics and Economics.
644. C H Yaganti and B Kamaiah "An Econometric Analysis of Hedging Effectiveness of Commodity Futures Markets in India' 4th International Conference on Applied Econometrics (ICAE-IV) held at IBS Hyderabad during March 20-21, 2014.
645. C H Yaganti & A K Prashant "Branded Retail Stores: Economic analysis and Environmental issues" National conference on Technology, Policy and Community: SMALL EXPERIMENTS IN SUSSTAUNABILITY held at BITS-PILANI, Hyderabad during 14-15 March, 2014.
646. C H Yaganti "Commodity Futures Trading in India - Issues and Concerns" National seminar on Commodities Derivatives held at Department of Commerce, University College of Commerce & Business Management, Osmania University, Hyderabad during August 7-8, 2014.
647. Sudatta Banerjee, Economic Growth and the Quality Composition of Human Capital- 4th International Conference on Applied Econometrics (ICAE-IV), IBS Hyderabad, March 20-21, 2014.
648. Sudatta Banerjee and Amrita Roy, Determinants of Female Autonomy across Indian States, 5th International Conference on Economics, Business and Management – ICEBM 2014, December 27-28, 2014, in Phuket Island, Thailand. Awarded best paper award for the same
649. P.Lalitha, Information and Communication Technology (ICT) and Secondary Schools in India: A Case Study in Hyderabad, Global Conference on Business and Social Sciences, Kaulalumpur, Malaysia, 15-16th ,Dec-2014 Organised by GATR
650. M.G.Prasuna presented a paper on "Theatre Art Techniques for Professional Development" at the International Journal of Arts and Sciences(IJAS) Conference held at Harvard campus, Boston, USA, May 26-30, 2014.
651. M.G.Prasuna & Maya Vinai presented a paper on " Mapping Madness : A Critical Analysis of Jerry Pinto's Em and the Big Hoom "at the International Conference on "Globalism and The New Literatures" organized by Indian Society for Commonwealth Studies at Oucip, Hyderabad, 3-5 February, 2014.
652. Srinivas Sajja presented a paper on '*The decline of Agriculture as an occupation: Case studies from Karnataka, Telangana and Andhra Pradesh*' at XL (40th) All India Sociological Conference, organized by Indian Sociological Society in Mahatma Gandhi Kashi Vidyapeeth, Varanasi, Nov. 28,29 and Dec.1, 2014.

653. Srinivas Sajja presented a paper on 'Negotiating Empowerment through Innovation: Women and Local Governance in Telangana' at the International Conference on "Gandhi, Gram Swaraj and Decentralisation" at Kerala Institute of Local Administration, Thrissur, Nov. 27-29, 2014.
654. Srinivas Sajja presented a paper on 'Rainfall Variability, Coping Strategies and Livelihoods: Case Study from Godavari Basin, India' in RC 10 Climate Change, Famines and Food Crises, XVIII ISA World Congress of Sociology (Facing an unequal World: Challenges for Global Sociology), during 13-19 July at Yokohama, Japan.
655. Olympia Bhatt presented a paper on "Coping with the Archive, Working with Materialism: An Approach to Early Indian Cinema Historiography" in Mayabazaar: Re-viewing 100 Years of Indian Cinemas, National Seminar organized by Department of Humanities and Social Sciences, Christ University Bangalore 19-20 February 2014.
656. Olympia Bhatt presented a paper on "The Talkies and Its Singing Stars: Analysing Aural Stardom in 1930s Bombay Cinema" in conference titled Hollywood's Musical Contemporaries and Competitors in the Early Sound Era, organized by Faculty of Arts and Human Sciences, University of Surrey, UK July 26-28 2014.
657. Chirag I Sancheti., Aditya, B. and Gupta, A.K. (2014), "Improvement of production by assembly line simulations using FlexSim", International Conference on Advance Design and Manufacturing (ICADM 2014), Dec 05-07, 2014.
658. Eswar P..K, Raman G. R., Singh, S.K. and Gupta, A.K., (2014) " Some Investigations of Stretching operation of EDD Steel at elevated Temperatures using FEM", International conference on Computer Science and Information Systems (ICSIS'2014), Dubai, UAE, Oct 17-18, 2014
659. Sajun P. K. and Gupta, A.K.(2014), " MTS Paper", Procedia Materials Science, Publisher: Elsevier, Vol. 6, 2014, pp 368-375.
660. Hussaini, S.M., Gupta, A.K. and Singh, S.K. (2014), "Investigation of Material Model for Simulations of Deep Drawing in Dynamic Strain Aging Region", 3rd International Conference on Materials Processing and Characterization (ICMPC 2014), Mar 08-09, 2014.
661. Raghuram K.D., Sharath Chandra G, Aditya, B. and Gupta, A.K.(2014), "Support Vector Regression based Flow Stress Prediction in Austenitic Stainless Steel 304", 3rd International Conference on Materials Processing and Characterization (ICMPC 2014), Mar 08-09, 2014.
662. Raghuram K.D., Aditya, B., Gupta, A.K. and Singh, S.K. (2014), "Mechanical Properties of Austenitic Stainless Steel 316 at Elevated Temperatures", International Conference on Structural Integrity (ICONS-2014), IGCAR, Kalpakkam, India, Feb 04-07, 2014
663. Kotkunde, N., Aditya, B., Gupta, A.K., and Singh, S.K. (2014), "Flow stress prediction of Ti-6Al-4V alloy at elevated temperature using artificial neural network", International Symposium on Engineering and Technology, Pune.
664. Jayahari, L., Gupta, A.K., Balu Naik, B., and Singh, S.K. (2014), "Formability analysis of Austenitic stainless steel-304 under warm conditions", 9th International Conference and Workshop on Numerical Simulation of 3D Sheet Metal Forming Process, Jan 6-10, Deakin University, Melbourne, Australia, AIP Proceedings, pp 402-405.

665. B. Madhavi, J. Jeevan and M. Karthik Teja (Feb. 2014), "Optimization Study of Friction Stir Welding Process Parameters and Nugget Properties of Aluminium-alloy," International Conference on Structural Integrity (ICONS-2014), IGCAR, Kalpakkam, INDIA, February 4-7.
666. B. Madhavi, J. Jeevan and M. Karthik Teja (Feb. 2014), "Heat and Material Flow Effects on Microstructures and Hardness in Friction-stir Welded Joints," International Conference on Structural Integrity (ICONS-2014), IGCAR, Kalpakkam, INDIA, February 4-7.
667. G. Pavan Kumar and Srinivasa Prakash Regalla, "Friction and Wear Behavior of ABS Polymer Parts made by Fused Deposition Modeling (FDM)", International Conference on Advances of Tribology, 21-24th February 2014, NIT Calicut, Kerala, India.
668. Deshmukh S.S., Jinturkar A.M. & Anwar K, 'Determinants of Household Fuel Choice Behavior in Rural Maharashtra, India'. International Conference on Renewable Energy (ICRE 2014), Pune, India February 21-23, 2014.
669. Deshmukh S.S., Jinturkar A. M., & Harika Rao, 'Analysis of Rural Household Fuel Choice Behavior in Rural Towns of Maharashtra'. International Conference on Renewable Energy and Sustainable, 9-10 January, 2014 at Pune.
670. Deshmukh S.S., 'Implications of Urban Built Form on Low Carbon Energy Supply'. National Conference on Technology, Policy and Community: Small Experiments in Sustainability, BITS Pilani Hyderabad Campus 14-15th March 2014.
671. K. Sai Manish*, Shanmukhasundaram V R, Y. V. Daseswara Rao, S.P. Regalla, "An algorithm to reduce the number of graphs to be handled in the test for isomorphism among Planetary Gear Trains", 3rd IEEE International Conference on sustainable and eco-friendly computing, NIT K Surathkal, Karnataka, Dec 2014.
672. V R Shanmukhasundaram, Dr. Y V D Rao, Dr. S P Regalla, & Ashish Garg, "Structural implications of the graph theory representation in epicyclic gear trains", 2nd IEEE International Conference on MOOCs technology and innovation, Thapar University, Patiala, Dec 2014.
673. Tafreeq Rahmani & Y V D Rao, "Synthesis and Analysis of Planetary Gear Trains using genetic algorithm", 3rd IEEE International Conference on sustainable and eco-friendly computing, NIT K Surathkal, Karnataka, Dec 2014.
674. S.Adil, G.R. Sabareesh, Y.V.D.Rao, "Investigation on flow induced vibrations of a square cylinder", International Conference on Emerging Technologies in Mechanical Sciences, MCET, 26-27 Dec 2014
675. B.Mishra: "Bianchi Type II, III, VI1 cosmological model with Dark Energy in Wesson's Theory", International Conference on Recent Advances in Mathematics (ICRAM 2014), held at Department of Mathematics, Nagpur University, Nagpur during 20th-23rd January, 2014.
676. B.Mishra: "Cylindrically Symmetric Cosmic Strings coupled with Maxwell Fields in Bimetric Relativity", The String Theory Universe COST workshop, held at Johannes Gutenberg Universitat, Main, Germany during 22nd -26th Sep., 2014.
677. B.Mishra: Participated in the "International Workshop on Applications of general theory of relativity to large-scale structures in our universe", held at NIT, Patna during 23rd Dec 2013-3rd Jan 2014.

678. P. K. Sahoo: Higher dimensional Bianchi type-III universe with strange quark matter attached to string cloud in general relativity, 20th European Workshop on "The String Theory Universe", from Sept 22-26, 2014 at Mainz Institute for Theoretical Physics, Johannes Gutenberg University, Mainz, Germany.
679. P. K. Sahoo: Axially symmetric cosmological models with anisotropic dark energy, International Congress of Mathematicians (ICM-2014), from August 13-21, 2014 at COEX, Seoul, South Korea
680. P. K. Sahoo, Axially symmetric cosmological model in $f(R,T)$ gravity, International Conferences on Recent Advances in Mathematics (ICRAM-2014), from Jan 20-23, 2014 at Dept. of Mathematics, Nagpur University, Nagpur, India
681. Addepalli Ramu, Narsimhulu Dunna and Dipak Kumar Satpathi, "Viscosity Effects of the Similarity Solution for a Shock Waves", accepted for the 6th National Conference on Wave Mechanics and Vibrations (6th WMVC) to be held on November 1-3, 2014.
682. J. Jagan Mohan, Analysis of Discrete Mittag Leffler Functions in "International Conference on Special Functions and Their Applications (ICSFA – 2014)" Organized by Thapar University, Punjab from 16th - 18th October, 2014.
683. S.K. Vishwakarma: "IEEE International Conference on Computational Science and Engineering", December 19-21, 2014 at Chengdu, China.
- A. Iqbal: Integral inequalities of Hermite-Hadamard type for functions whose third derivative absolute values are preinvex" at International Conference on Algebra, Geometry, Analysis and their Applications" (ICAGAA-14) at Jamia Milia Islamia, New Delhi during Nov 27-30, 2014.
684. T. S L Radhika: Evaluation of Mathematical models for estimation of arterial stiffness through pulse transit time measurement, IEEE Health care Innovations, Point- of- Care technology conference, Seattle, USA, Oct 8-10, 2014.
685. A.M. Alphonse: Domination on Circulant $Circ(n, \{1,4\})$ Graphs, 8th International conference of IMBIC on Mathematical sciences for Advancements of Science and Technology, SAST 2014 conference conducted by IMBIC at Kolkata, Dec 22nd-23rd, 2014.
686. Suman Labala, Praveen Kumar Mandapalli, Venkata Vamsi Krishna Venuganti. Layer-by-layer polymer coated gold nanoparticles for topical delivery of imatinib mesylate to treat melanoma. AAPS Annual Meeting and Exposition 2014, San Diego, USA. Nov' 2014 (S Labala received ICMR and CICS travel award for presentation).
687. Suman Labala, Praveen Kumar Mandapalli, Shubhmita Bhatnagar, Venkata Vamsi Krishna Venuganti. Preparation, characterization and protein deliverability of layer-by-layer microcapsules. AAPS Annual Meeting and Exposition 2014, San Diego, USA. Nov' 2014.
688. Praveen Kumar Mandapalli, Jagadeesh Balija, Suman Labala, Venkata Vamsi Krishna Venuganti. Preparation, characterization and in vivo evaluation of pirofenidone loaded layer-by-layer films for dermal wound management. AAPS Annual Meeting and Exposition 2014, San Diego, USA. Nov' 2014 (PK Mandapalli received DST, ICMR and CICS travel award for presentation).
689. Priyanka, P.; Aruna, M.; Banumurthy, N.L.; Yogeewari, P.; Sriram, D. Effect of feature selection on Kinase Classification Models. International Conference on Computational Intelligence: Health and Diseases (CIHD), 27-28 December 2014, Vishakapatnam, India.
690. Priyanka, P., Reshma, A., Aruna, M., Yogeewari, P., Sriram, D., Comparative modeling combined with Molecular dynamics and Docking studies to identify potent inhibitors of PKMzeta and

Biological evaluation. 9th Brain Research Conference: Neuroprotection: Basic mechanism and translational potential, 13-14th November 2014, Washington DC, USA.

691. Ganesh, S.; Radhika, N.; Devi, P.B.; Yogeewari, P.; Sriram, D. Design, synthesis and biological evaluation of 6-methylimidazo[2,1-b]thiazole-5-carboxylic acid derivatives as novel Mycobacterium tuberculosis pantothenate synthase inhibitors. 15th Tetrahedron Symposium-Asian Edition: Challenges in Bioorganic and Organic Medicinal Chemistry, 28-31 October 2014, Singapore.
692. Srikant, B., Methuku, S., Tharun, K.G., Shewta, M., Sridevi, J.P., Yogeewari, P., Sriram, D., Chakraborti, A.K., Alpha-Sulphonamidophosphonates and bis alpha-aminophosphonates: New leads towards infectious disease chemotherapy. 248th ACS National Meeting & Exposition, 10-14 August, San Francisco, CA, USA.
693. Renuka, J., JeanKumar, V., Bobesh, A., Vijay, S., Devi, P.B., Venkat, K.P., Priyanka, S., Keerthana, S., Pushkar, K., Yogeewari, P., Sriram, D., Design and biological evaluation of novel antibacterial inhibitors against DNA GyrB from clinical isolates of Staphylococcus aureus. Gordon Research Conferences, 10-15th August 2014, Maine, USA.
694. Srikanth, R., Reshma, A., Kulkarni, P., Sriram, D., Yogeewari, P., Structure-based drug design, synthesis and screening of Adenosine A2A antagonists as novel antiepileptic agents. 11th European Congress on Epileptology, 29th June-3rd July 2014, Stockholm, Sweden.
695. Kakan, S.K., JeanKumar, V.U., Devi, P.B., Shalini, S., Sriram, D., Yogeewari, P., Targeting Mycobacterium tuberculosis Lysine aminotransferase: Design, synthesis and in vitro evaluation of small molecule compounds. International Conference on "Drugs for the Future: Infectious Diseases", Antimicrobial Drug Discovery: Challenges and Perspectives, 27-28 March 2014, NIPER, Hyderabad, India.
696. Shravan, M, Renuka, J., Yogeewari, P., Sriram, D., Design and biological evaluation of novel Staphylococcus aureus DNA gyrase inhibitors. International Conference on "Drugs for the Future: Infectious Diseases", Antimicrobial Drug Discovery: Challenges and Perspectives, 27-28 March 2014, NIPER, Hyderabad, India.
697. Devi, P.B., Saxena, S., Sriram, D., Yogeewari, P., Screening and Identification of Potent Inhibitors against pantothenate synthetase- An important target Mycobacterium tuberculosis infection. 3rd ScienceOne Conference on Drug Discovery and Development (SCDDD), 21-23 January 2014, Dubai.
698. Yogeewari, P., Patrisha J.T., Sriram, D., Structure-based drug design utilizing multiple crystal structures to design anti-viral agents, 3rd ScienceOne Conference on Drug Discovery and Development (SCDDD), 21-23 January 2014, Dubai.
699. Cancer cell proliferation effect of iridoid glucosides isolated from Hedyotis umbellate. 15th Tetrahedron Symposium: Asia Edition, 2014, Oct28-31, Singapore.
700. Raut, P.P., Charde, S.Y., Design of Modified Release Multi-particulate Floating Drug Delivery System for Levodopa and Carbidopa Combination Based on a Multilayer Structure. 2014 AAPS Annual Meeting and Exposition, San Diego, CA, 2014.
701. Swati Biswas, Federico Perche, Vladimir Torchilin. Delivery of siRNA in solid tumors via a hypoxia-sensitive co-polymer Poster presented at first conference of International Conference of Chemical Biology (ICCB-2014) in Hyderabad, India, February, 6-8, 2014.
702. "Inhibition of HDAC3 for the Enhancement of Long-Term Memory" : Balaram Ghosh*, Surya A. Reis, Adam J Hendricks, Ralph Mazitschek, Stephen J. Haggarty; International conference on Chemical Biology: Disease Mechanism and Therapeutics (ICCB-2014) February 6-8, 2014, held at IICT, Hyderabad, India.

703. "Trapping of DNA molecules under electrokinetic effect within microelectrodes" S. Ghonge, S. Kapur S. Banerjee, International conference on COMSOL Multiphysics at Bangalore Oct 2014.
704. "Solution to trap polarizable particles within triangular electrodes under electrokinetic effect International conference on MEMS & Sensors, IIT Madras Dec 2014
705. 3. "Natural vs Manmade scene classification using Statistics of straight lines" Vimal S.P. G. Bharat, Vinod P. Arshdeep Singh Takkar and P.K. Thiruvikraman, pp 1015-1020, International Conference on Advances in Computing, Communications and Informatics (ICACCI, 2014)
706. 4. Srinivasa Prakash Regalla, Pavan Kumar Gurralla, Sridhar Idapalapati and Kannan Ramaswamy Strength and Accuracy of FDM Parts and Their Implication on Some New Application Areas of Additive Manufacturing, Pro-AM2014, 2014, Singapore.
707. N. Srinivasa Rao, Avinash Panda, Hemanth Narsetti, Balaji Gopalan, Krishnan Rangan and Kannan Ramaswamy, Investigations of Faraday Rotation in Fe₃O₄ and core-shell Fe₃O₄@Au nanoparticles, National Conference on Advanced Materials for Defense and Aerospace Applications, AMDA2014, 2014, Hyderabad, India
708. Cost Effective microfluidic channel fabrication by soft lithography. Y. Subba Rao, R. Aravinda Narayanan and V. Meenakshi. "International Conference on Innovations and future research dimensions on Nano-Biopharmaceutical Technology" (7 - 8 October, 2014).
709. "Trapping of DNA molecules under electrokinetic effect within microelectrodes" S. Ghonge, S. Kapur S. Banerjee, International conference on COMSOL Multiphysics at Bangalore Oct 2014.
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715. Subramanian Seshadri C Aiyer, Ramachandran S, Thirumavalavan K and Prakash Kumar B G, "Solar Photo Catalytic degradation for Wastewater Treatment: a Review" International Conference on Green Technologies For Environmental Pollution Prevention And Pollution Control (ICGTEPC 2014) National Institute of Technology, Tiruchirappalli, India. 27 -29 September
716. Irshad Ahmed, Aswathy, Hydari Masuma, Prakash Kumar BG, Salma Sheriff, Ramachandran S, "Development Of Tubular Photobioreactor For Sustainable Production Of Microalgae" International Conference on " Biotechnology & Bioengineering" (ICBB-2014) Birla Institute of Technology & Science, Pilani Dubai Campus (U.A.E) 29-30 Oct 2014.
717. N.Subramanian, K.Saravanan, B G Prakash Kumar, "Hydrodynamic Aspects Of Circulating Fluidized Bed For Drying Of Food Materials" International Conference on "Biotechnology & Bioengineering" (ICBB-2014) Birla Institute of technology & Science, Pilani Dubai Campus (U.A.E) 29-30 Oct 2014.
718. B G Prakash Kumar acted as an organizing member for International conference on "Biotechnology Bioengineering" (ICBB--2014) during October 29-30, 2014.
719. B G Prakash Kumar is a team member for CAMPUS LIFE for mission 2014-16, BITS Pilani, Dubai Campus, Growth Plan.
720. B G Prakash Kumar participated in Inter Disciplinary Research workshop on 14th and 15th November 2014 in BITS Pilani, Goa Campus, India.
721. B G Prakash Kumar attended the meeting "Success Through Synergy in Academia & Industry" conducted Royal Society of Chemistry (RSC) Dubai (Dubai Aluminium Co, Jebel Ali) on 24th October 2014.
722. Jyotika Singh & T.G. Thomas, "Alternative phase detectors for clock recovery at the receiver", International Conference on Future Computing and Communication Systems (ICFCCS 2014), Dubai, May 10-11, 2014.
723. Seba Sara Varghese, Kiran Menon, Sreesha Damodar, K.K.Singh, Neeru ,Sood, *Sundaram Swaminathan*, "Graphene: A Promising Platform for bio-sensing applications", *4th Annual International Conference on Advances in Biotechnology* (BIOTECH-2014), March 2014, Dubai
724. Yashaan Cooper.,GaneshRam.R.K.,Kalaichelvi V., Vishank Bhatia., "Stabilization and Control Of An Autonomous Quadcopter"., The 3rd International Conference on Electronics,Mchatronics and Automation.,ICEMA2014.,August22-23., Dubai,UAE
725. Akshan Paresh Mehta.,Ganesh Ram R K ., Kalaichelvi V.,and Karthikeyan R., " Neural Predictive Controller For Hydraulic Power Transmission in Wind Turbine " .,ASME 2014 Gas India Turbine Conference to be held on Dec 15 –Dec 17 (Accepted for Presentation)
726. Ganesh Ram R K., Akshan Paresh Mehta.,Karthikeyan R., KalaichelviV., " Design Optimization Of Wind Turbine Using Fluid Structural Interaction Analysis & Genetic Algorithm"., ASME 2014 Gas India Turbine Conference to be held on Dec 15-Dec 17 (Accepted For Presentation)
727. P. Gupta and Vilas H. Gaidhane, "A New Approach for Flame Image Edges Detection" in Proc. IEEE Int. Conf. on Recent Advances and Innovation in Engineering (ICRAIE 2014), Jaipur, India, May 9-11-2014.

728. Shyam Sumukh S R, Raghav Gupta, Jagadish Nayak, "A Comparative Analysis in Hardware Partitioning of a Steganographic based LSB-substitution Algorithm" Proceedings of the World Congress on Engineering and Computer Science 2014 Vol I ,pp:50-52, WCECS 2014, 22-24 October, 2014, San Francisco, USA
729. R. Gomathi Bhavani and Maya Mohan, "Awareness on Lighting Energy Saving and User Satisfaction in Residential and Office Buildings," International Conference on Biological, Civil and Environmental Engineering BCEE-2014, March 17-18, 2014, Dubai, UAE.
730. R Swarnalatha and Dr D V Prasad Detection of Sleep Bruxism based on EEG Hilbert Huang Transform International Conference on Biomedical Engineering and Technology accepted for presentation to be held on 10-11 March, 2015Seoul, South Korea.
731. Neenu Sivanand, Mary Lourde R "MEMS based Electrochemical Sensor for Detection of biomolecules",International conference on Recent Advances in Nanoscience and Nanotechnology-2014, New Delhi, 15-16 Dec. 2014.
732. Harish S. Nair, Anand Kumar, Osman Ahmed, Neural Network Modeling, Simulation and Prediction of Innovation Growth in United Arab Emirates (UAE)", Complex Adaptive Systems 2014,Philadelphia, PA, USA, November 3-5, 2014.
733. Rajarshi Sinha, Angad Oberoi, Harsh Tungala, Anand Kumar,Dynamically Adjusting Network Architecture for Congestion Optimization in Terminal Airspace",33rd Digital Avionics Systems Conference,Colorado Springs, CO, USA, 5-9 Oct, 2014.
734. Rajarshi Sinha, Angad Oberoi, Harsh Tungala, Rohan Kapur, Anand Kumar,An Optimized Piezoresistive Microcantilever Arsenic(III) Sensor with CMOS-Compatible Active Readout: Towards In-Situ Subsurface Characterization Using Microsystems Technology",14th IEEE International Conference on Nanotechnology (IEEE-NANO2014),Toronto, ON, Canada, August 18-21, 2014.
735. Priya B. Parappat, Anand Kumar, R.K. Mittal, Suhel A. Khan,"OBSTACLE AVOIDANCE BY UNMANNED AERIAL VEHICLES USING IMAGE RECOGNITION TECHNIQUES",18th International Conference on Circuits, Systems, Communications and Computers",Santorini Island, Greece, July 17-21, 2014
736. Tejas Vithani and Anand Kumar,A Comprehensive Mobile Application Development and Testing Lifecycle,IT Professional Conference",NIST, Maryland, May 22, 2014
737. Tejas Vithani and Anand Kumar, Modeling the Mobile Application Development Lifecycle", International MultiConference of Engineers and Computer Scientists 2014,IMECS 2014, Hong Kong, March 12-14, 2014
738. MugdhaPolimera and Kalaichelvi V,Stability and Robustness Analysis of a LASER Guided Missile System Using PID Controller",The 3rd International Conference on Electronics, Mechatronics and Automation.,ICEMA 2014 Dubai,UAE.,August 22- 23
739. R.K.Ganesh Ram., V.Kalaichelvi ., Lenvin Dsouza and R.Karthikeyan, Fuzzy Logic approach for Temperature Control in BioReactor", Proceedings of 4th Annual International conference on Advances in Biotechnology., pp.12-17.,2014
740. AthiraNath and Kalaichelvi V., An Intelligent Technique for Image Compression, International Research Conference on Engineering Science and Manufacturing .,Dubai, UAE, June 4-5th 2014
741. Srinivasan S V, Dr. Abdul Razak. "Physical Design of IC Chip for FFT using Vedic Mathematics ", International Symposium on Fundamentals of Electrical Engineering (ISFEE 2014), IEEE Xplore (Cat. No.:CFP1493Y-ART ISBN: 978-1-4799-6821-3), University POLITEHNICA of Bucharest, Romania, November 28-29, 2014

742. Srinivasan S V, Dr. Abdul Razak. "Chip-Level Physical Implementation of MPPT algorithm for PV Panel ", International Conference on Advances in Design and Manufacturing (ICAD&M 2014) , The International Journal of Advanced Manufacturing Technology, Springer's, National Institute of Technology, Trichy, India, December 5 - 6, 2014.
743. Srinivasan S V."Programmable logic controller implementation of maximum power point tracking in solar PV panel", International Conference on Applied Science, Management and Technology 2014 (39 - 43), United Arab Emirates, Dubai, December 5th - 6th, 2014.
744. R.K.Ganesh Ram., Lenvin Dsouza., V.Kalaichelvi and R.Karthikeyan., "Fuzzy Logic approach for Temperature Control in BioReactor"., Proceedings of 4th Annual International conference on Advances in Biotechnology.,BITS Pilani,Dubai Campus.,10th & 11th March pp.12-17.,2014.
745. Kalaichelvi V. Ganesh Ram R.K.and R Karthikeyan, "Biomass Boiler Drum Water Level control system using Neural Networks" .,ICMMA 2014,Singapore ,March 2014.
746. R.Karthikeyan,R.K.Ganesh Ram and V.Kalaichelvi., "Modeling and Control Techniques for Microstructure Development" . ICMMA 2014,Singapore.,March 2014.
747. A.R.Gowtham Ram and C.Periasamy "Design of a Bio-Mass Plant Using Agro-Industrial Waste Based Power Project" 3rd Annual Research Conference, Abu Dhabi University , UAE, April 23-24 2014
748. Menon Shweta Ramesh and C.Periasamy, "Fluid Circulation and Heat Transfer Analysis in Cryogenic Engine Storage Tank" , Proceedings of the International Conference on Heat Transfer and Fluid Flow Prague, Czech Republic, August 11-12, 2014
749. A.R.Gowtham Ram and C.Periasamy , " Design of a Biomass Plant Using Agro - Industrial Waste", Proceedings of the International Conference on Heat Transfer and Fluid Flow Prague, Czech Republic, August 11-12, 2014
750. Zuhair Ahamed and C.Periasamy," Experimental analysis on the construction of effective VAWT system", Proceedings of the International Conference on Heat Transfer and Fluid Flow Prague, Czech Republic, August 11-12, 2014
751. Zuhair Ahamed and C.Periasamy , "Analysis of Savonius Rotor's for Drag Reducing System" National Conference on Emerging Technology (NCET 2013),UAE
752. Zuhair Ahamed and C.Periasamy, "Simulation of the Construction Of An Effective VAWT System", UAE Undergraduate Student Research Competition, Abu Dhabi University , 2014
753. A.M. Surendra Kumar, & Parvathy Sathyaprakasan "Impact of Volume Fraction and Particle Size on Thermal Properties of Nano-fluids" International Conference on Heat Transfer and Fluid Flow (HTFF'14), August 11-12, 2014 in Prague, Czech Republic.
754. R.Udayakumar, Aneesh BabuRaj and P.Ramesh "Design and development of Heat recovery steam generation system for Automotive engines",Accepted SAE Congress 2015,Paper No. 15PFL-1008
755. R.Udayakumar, Rithwick Parthasarathy "Optimization of an Automobile component using CAD",Accepted SAE Congress 2015,Paper No. 15M-0267
756. R.Udayakumar, Anshul Singhal and Miller Jothi "FRP Mold and panel manufacturing for FSAE body panel and driver seat.",Accepted SAE Congress 2015,Paper No.15M-0272

757. Anomitra Banerjee, N.K.Millerjothi, "Site Remediation Techniques In India: A Review, Proceedings of the 15th International Conference on Environmental Remediation and Radioactive Waste Management, September 8-12, 2013, Brussels, Belgium, ICEM2013, Volume:2, Paper No. ICEM2013-96215, pp. V002T04A012; 5 pages, ISBN: 978-0-7918-5602-4
758. Anomitra Banerjee, N.K.Millerjothi, " Groundwater Remediation Through Nanoscale Iron Particles, (Poster) Proceedings of the 15th International Conference on Environmental Remediation and Radioactive Waste Management" September 8-12, 2013, Brussels, Belgium, ICEM2013
759. Akshay Sharma, N.K.Millerjothi, Kavita jerath, S.Karthiyayini "Forecast analysis of the potential and availability of renewable energy in Gulf countries' Accepted on International conference on substantial environmental technologies' Dubai UAE, Aug 22-23, 2014.
760. Akshay Sharma, N.K.Millerjothi, Kavita jerath, S.Karthiyayini "Forecast analysis of the potential and availability of renewable energy in Gulf countries' to be published on International Journal of Environmental Science and Development (IJESD).
761. U. Gangadhara Surya, N. K. Millerjothi, C. Mallika Parveen 'Utilisation of biodiesel extracted from Madhuca Indica oil as a renewable fuel in direct injection diesel engine' Submitted to International Journal of Energy, Elsevier on 08.07.14
762. U. Gangadhara Surya, N. K. Millerjothi, C. Mallika Parveen ' Experimental studies on biodiesel extracted from Madhuca Indica oil as a renewable fuel in direct injection diesel engine' International conference on "Biotechnology and Bioengineering"(ICBB--2014), 29-30 October 2014, Dubai, UAE
763. Abhilash Saksena, Khyatijain, C. Mallika Parveen and N. K. Millerjothi,' Heuristic Approach for CFD Analysis Around Birds of Prey' Proceedings of SAE International. Paper No.2014-01-2102, Year 2014
764. Satej Wagle, J. Alamelu Mangai and Santhosh Kumar V, "An Improved Medical Image Classification Model using Data Mining Techniques", Proc. of 7th IEEE GCC Conference and Exhibition, Qatar, Nov 17-20, 2013, pp.114-118.
765. Susanna S Henry & V. Santhoshkumar, "On Reachability Analysis in MIPv4-MIPv6 coexistence phase", 2013 International Conference on Current Trends in Information Technology, held between 11-12 December, 2013, HCT, Dubai.
766. Milu Mary Philip, B, Vijayakumar, Software Architectural Design for Image Retrieval System involving Data Streams and User Interactivity, The World Congress on Engineering and Computer Science 2014, San Francisco, USA, 22-24 October, 2014, IAENG Conference Proceedings.
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785. Proton Structure Function Calculation by Thermodynamical Bag Model – Subramanian Seshadri C Aiyer, S. Karthiyayini, Ganapathy Seshadri C Aiyer, International Conference on Applied Science, Management and Technology 2014 (ICASMT 2014) 4,5 December, Dubai (Awarded paper of excellence)
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787. Study & Characterization of Semiconductor Nanowires as Sensing Interfaces for Electrochemical Biosensor Applications, Materials Challenges in Alternative & Renewable Energy 2014 Conference (MCARE2014), February 16 – 20, 2014, Hilton Clearwater Beach Resort, Clearwater, Florida
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792. Aditya Poonia, Abhimanyu Dabas, Gaurav Chaudhary, Hardeep Kumar, K.K. Singh, "Investigations on single- walled CNT based bio- sensor using Finite difference method" 5th International Conference on Nanotechnology: Fundamentals and Applications (ICNFA'14),Prague, Czech Republic, Aug. 11-13, 2014
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796. Mubeena and Maneesha, Analysis of Written Business Communication Competency in the Hotel Industry of Dubai, International Conference of Academic Disciplines, Harvard Medical College, Boston, Massachusetts, USA, 25-30 May 2014.
797. Poonam Nair and Priti Bajpai, A Study of Transportation Problem for ABC International, a Freight Forwarding and Logistics Company based in Washington, USA, National Conference on Recent Trends and Developments in Operations Research (NCRTDOR-2014), BITS Pilani, India, February 22-23, 2014.
798. Gurmeet Kaur and Priti Bajpai, A Review of a Dubai Based Company's Transportation Problem As They Expand For EXPO 2020, National Conference on Recent Trends and Developments in Operations Research (NCRTDOR-2014),BITS Pilani,India, February 22-23, 2014.
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803. Analysis of elastic constants of Fe₂B from X-Ray Diffraction technique – Shrey Iyengar, Kavita S. Jerath, S. Karthiyayini, International Conference on Applied Science,Management and Technology 2014 (ICASMT 2014) 4,5 December, Dubai (Awarded paper of excellence
804. Forecast Analysis of Potential and Availability in Renewable Energy, Kavita S. Jerath, N.K. Millerjothi, S. Karthiyayini and Akshay Sharma, 2014 SCIEI International Conference on Substantial Environmental Technologies,Dubai, UAE, August 22 - 23, 2014
805. Dr. Amarnath attended INUP workshop on familiarisation of Nano-fabrication technology at IIT, Bombay from 27-30, November, 2014.
806. Dr.Muralidharan attended the workshop on MODELING IN CHEMICAL ENGINEERING USING COMSOL on 18th September 2014 at BITS Pilani Dubai Campus organized by Chemical Engineering Students Association
807. Mubeena, I. and Maneesha, “Analysis of written business communication competency in the hotel industry of Dubai”, International Conference of Academic Disciplines, Harvard Medical College 25-30 May, 2014, Boston, Massachusetts.
808. Sogani, Arihant, Banerjee, Anomitra, Aqila Rafiuddin,. “Development of a model for human capital management for the success of corporate” Society for Global Business & Economic Development organized by Università Politecnica Proceedings of the 13th International Conference July 2014, delle Marche, Ancona, Italy.
809. Shazi Shah Jabeen, Anomitra Banerjee, and Purab Dilip Bhatia, 'Strategizing for the Future: Introducing E-Learning in Educational Institutions and Corporate Houses' Canadian University of Dubai, Proceedings of 2014 International Conference on Web and Open Access to Learning (ICWOAL' 2014) IEEE Catalogue Number: CFP1407Z-ART, ISBN: 978-1-4799-5739-2, 25-27 November 2014, Dubai, UAE

Annexure 2(a)- Publications

Authors	Title of the Publications	Details of the Journal	National/International
Sidhu, G.K., Mehrotra, R., Mehrotra, S.	Carbon concentrating mechanisms: In rescue of RubisCO inefficiency:	Acta Physiologia plantarum, vol 36: 3101-3114	International
Mehrotra, R., Jain, V., Chandra Shekhar, Mehrotra, S.	Genome wide analysis of Arabidopsis thaliana reveals high frequency of AAAGN7CTTT motif	Metagene, vol 2: 606-615	International
Nigam, S. Mehrotra, S., Vani, B., Mehrotra, R.	Lipase Immobilization Techniques for Biodiesel Production: An Overview	International Journal of Renewable Energy & Biofuels, DOI: 10.5171/2014.664708	International
Mehrotra, R. Bhalothia, P. Bansal, P. Basantani, M.K., Bharti, V., Mehrotra, S	Abscisic acid and abiotic stress tolerance - different tiers of regulation	Journal of Plant physiology, vol 171: 486-496	International
Swarna Kanchan, Rajesh Mehrotra and Shibashish Chowdhary	Evolutionary pattern of four representative DNA repair proteins across six model organisms: an insilico analysis	Network Model Anal Health InformBioinforma, DOI: 10.1007/s13721-014-0070-1	International
Jain, N., Bhargava, A., Sabat, D. and Panwar, J.	Unveiling the potential of metal-tolerant fungal isolate for efficient enzyme production.	Process Biochemistry, vol 49: 1858-1866	International
Jain, N., Bhargava, A., and Panwar, J.	Enhanced photocatalytic degradation of methylene blue using biologically synthesized "protein-capped" ZnO nanoparticles.	Chemical Engineering Journal, vol 243: 549-555	International
Boopathi PA, Subudhi AK, Garg S, Middha S, Acharya J, Pakalapati D, Saxena V, Aiyaz M, Chand B, Mugasimangalam RC, Kochar SK, Sirohi P, Kochar DK and Das A	Dataset of Natural Antisense Transcripts in P. vivax Clinical Isolates Derived using Custom Designed Strand-Specific Microarray	Genomics Data, Vol 2: 199-201	International

Subudhi AK, Boopathi PA, Garg S, Middha S, Acharya J, Pakalapati D, Saxena V, Aiyaz M, Chand B, Mugasimangalam RC, Kochar SK, Sirohi P, Kochar DK and Das A.	Natural Antisense Transcripts in Plasmodium falciparum isolates from patients with complicated malaria.	Experimental Parasitology, vol 141: 39-54.	International
Subudhi, AK, Boopathi PA, Garg S, Middha S, Acharya J, Pakalapati D, Saxena V, Aiyaz M, Chand B, Mugasimangalam, RC, Kochar SK, Sirohi P, Kochar DK and Das A.	An in vivo Transcriptome Dataset of Natural Antisense Transcripts from Plasmodium falciparum Clinical Isolates	Genomics Data, vol 2: 393-395	International
Sabharwal, NS. And Runthala, A.	Functional Protein Domains Evolve Very Specifically Over Mutations	Journal of Proteomics and Genomics, Vol 1(1): 102	International
Runthala, A. and Chowdhury, S.	Iterative Optimal TM_Score and Z_Score Guided Sampling Significantly Improves Model Topology	Lecture Notes in Engineering and Computer Science: Proceedings of The International MultiConference of Engineers and Computer Scientists, March 12-14, Hong Kong, DOI: 10.13140/2.1.4584.5443	International
Mithilesh Kajla, Parik Kakani, Tania Pal Choudhary, Kuldeep Gupta, Rini Dhawan, S K Gakhar, Lalita Gupta, Sanjeev Kumar.	Characterization of Anopheline unique peroxidase and its role in the regulation of Plasmodium development.	<i>Malaria Journal</i> , vol 13(1): 49	International
Jha, P. and Jha P.N.	Plant–microbe partnerships for enhanced biodegradation of polychlorinated biphenyls	Plant Microbe symbiosis- Applied facets. Vol. II. Ed. Arora N.K. vol 2: 95-110	International

Palvai S, Nagraj J, Mapara N, Chowdhury R* and Basu S* (*co-corresponding authors)	Dual drug loaded vitamin D3 nanoparticle to target drug resistance in cancer.	RSC Advances, vol 4: 57271-57281	International
Pasha S, Alam P, Dash S, Kaur G, Banerjee D, Chowdhury R, Rath N, Choudhury RA and Laskar IR.	Rare Observation of 'Aggregation Induced Emission' in Cyclometalated Platinum(II) Complexes and their Biological Activities.	RSC Advances, vol 4: 50549-50553	International
Chowdhury R, Karak P, Sen AK, Chatterjee R, and Chaudhuri K.	Arsenic Extrusion and Energy Derivation as Survival Mechanism in a Novel Exiguobacterium Isolated from Arsenic Contaminated Groundwater of West Bengal.	American International Journal of Research in Formal, Applied and Natural Sciences (AIJRFANS), vol 14(318): 19-27	International
Kesheri, M., Swarna Kanchan and Chowdhury, S.	Cyanobacterial Stresses: An Ecophysiological, Biotechnological & Bioinformatic Approach	LAP LAMBERT Academic Publishing (ISBN-13: 978-3-8484-3883-9)	International
Kochar, D. K., Das, A., Kochar, A., Middha, S., Acharya, J., Tanwar, G. S., Pakalapati, D., Subudhi, A. K., Boopathi, P. A., Garg, S., Kochar, S. K.	A prospective study on adult patients of severe malaria caused by Plasmodium falciparum, P. vivax and mixed infection from Bikaner, northwest India	Journal of Vector Borne Diseases, vol 51(3):200-10.	International
Pareek RP and Kannan M.	Prevalence of H. pylori Infection in Type 2 Diabetes mellitus patients in Rural Rajasthan: A Case Control Study.	International Journal of Medical Science and Clinical Invention, 2014; 1(1)	International
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Sarwa Pand Verma SK	Recovery and recycling of Zn (II) from waste water by <i>Scenedesmus</i> sp. MCC 26 isolated from heavy metal contaminated site	Clean-Soil, Air Water 42 (9) 1298-1303	International
Subhajt Majumder, Smita Raghuvanshi, Suresh Gupta	Estimation of Kinetic Parameters for Bioremediation of Cr(VI) from Wastewater using <i>Pseudomonas taiwanensis</i> an isolated strain from Enriched Mixed Culture.	Bioremediation, Vol. 18, pp. 236–247, 2014.	International
Sae Vyahare, Saswat Kumar Pradhan, Suresh Gupta,	Removal of Heavy Metal Ions from Industrial Waste Water Using Metallic Nanoparticles as Adsorbents.	Advanced Science Letters, Vol. 20, pp. 1311-1315, 2014.	International
Rompicherla J. Bhargavi, Utkarsh Maheshwari, Suresh Gupta	Synthesis and use of alumina nanoparticles as an adsorbent for the removal of Zn(II) and CBG dye from wastewater.	International Journal of Industrial Chemistry, Vol. 6, pp. 31 – 41, 2015.	International
A. K. Pani, and H. K. Mohanta	Soft sensing of particle size in a grinding process: Application of support vector regression, fuzzy inference and adaptive neuro fuzzy inference techniques for online monitoring of cement fineness.	Powder Technology, 264, 484-497, 2014.	International
P.K. Singh, S. Bhanot, and H.K. Mohanta	Genetic Optimization based Adaptive Fuzzy Logic Control of a pH Neutralization Process.	International Journal of Control and Automation, 7(11), 233-248, 2014.	International
B. Roy, H. Sullivan, and C. A. Leclerc	Effect of variable conditions on steam reforming and aqueous phase reforming of n-butanol over Ni/CeO ₂ and Ni/Al ₂ O ₃ catalysts,"	Journal of Power Sources, 267, 280 (2014).	International
G.N. Manglani, S. Vashishtha, and B. Roy	<u>Development of Ni–Sn/Al₂O₃ Nano Catalysts for H₂ Production from Biomass by Aqueous Phase Reforming</u>	Advance Science Letters. 20, 1468-1470, (2014).	International
S. Mazumder, S. Bhargava	Nanorobots: Current state and future perspectives.	International Journal of Development Research, 4 (6), pp.1234-1239, 2014.	International
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S. Mazumder, D. Sarkar, I.K. Puri	Nanotechnology commercialization: Prospects in India.	Journal of Materials Science and Nanotechnology, 1 (4), pp.1-8, 2014.	International

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R. Sharma	Composting of municipal solid waste for carbon credits-A case study from India	Waste Management	International
Srinivas Appari, Vinod M Janardhanan, Ranjit Bauri, Sreenivas Jayanti, and Olaf Deutschmann,	A Detailed Kinetic Model for Biogas Steam Reforming on Ni and Catalyst Deactivation due to Sulfur Poisoning	Applied Catalysis A: General, 471, 118, 2014.	International
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BS Chhikara, MS Rao, VK Rao, Anil Kumar, KW Buckheit, RW Buckheit Jr., K Parang	Carbocyclodipeptides as modified nucleosides: Synthesis and anti-HIV activities	Can. J. Chem. 2014, 92, 1145-1149.	International
A. I. Jaman, Shamik Chakraborty, and R. Bhattacharya	Millimeterwave rotational spectrum and theoretical calculations of cis-Propionic acid	<i>J. Molecular Structure</i> , 1079, 402, 2014	International
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Dalip Kumar, Meenakshi Pilania, V. Arun, Bhupendra Mishra	A Facile and Expedient One-Pot Synthesis of α -Keto-1,3,4-oxadiazoles	<i>Synlett</i> , 2014, 25, 1137	International
GM. Shelke, VK Rao, K Pericherla, Anil Kumar	An efficient and facile synthesis of vinyl sulfones via microwave-assisted copper triflate catalyzed hydrosulfonylation of alkynes	<i>Synlett</i> 2014, 25, 2345-2349.	International
P Khedar, K Pericherla, and Anil Kumar	Copper triflate: An efficient catalyst for direct conversion of secondary alcohols into azides	<i>Synlett</i> , 2014, 25, 515-518.	International

Dalip Kumar, N. Maruthi Kumar, Mukund P. Tantak, Maiko Ogura, Eriko Kusaka, Takeo Ito	Synthesis and identification of α -cyano bis(indolyl) chalcones as novel anticancer agents	Bioorg. Med. Chem. Lett. 2014, 24, 5170.	International
P.C.Sande, S.Ray	Mesh size effect on CFD simulation of gas fluidized Geldart A particles	<i>Powder Technology</i> , 2014, 264, 43	International
Sunita Joshi, Debi D. Pant, Santosh kumari, Rituparna bhattacharjee, Rajeev sakhujja	Estimation of ground and excited state dipole moments of synthesized coumarin derivative [N-(2-oxo-2H-chromen-4-yl)imino]triphenyl-phosphorane	<i>J. Molecular Liquids</i> , 2014, 200, 115-119	International
P Kaswan, K Pericherla, Rajnikant, Anil Kumar	Synthesis of 3-arylimidazo[1,2-a]pyridines via CuCl ₂ catalyzed tandem dual carbon-nitrogen bonding	Tetrahedron 2014, 45, 8539–8544.	International
Amrit Sarmah and Ram Kinkar Roy	A Density Functional Reactivity Theory Based Approach to Understand the Interaction of Cisplatin Analogues with Protecting Agents Reactivity Theory (DFRT)	Journal of Comp. Aided Mol. Design. 28, 1153-1173.	International
P. Alam, M. Karanam, D. Bandyopadhyay, A. R. Choudhury, I. R. Laskar	Aggregation Induced Emission Activity in Iridium(III)-Diimine Complexes: Investigations of Their Vapochromic Properties	<i>Eur. J. Inorg. Chem.</i> , 2014, 23,3710-3719	International
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A. K. Tiwari, Sonu, and S. K. Saha	Effect of Hydroxyl Group Substituted Spacer Group of Cationic Gemini Surfactants on Solvation Dynamics and Rotational Relaxation of Coumarin-480 in Aqueous Micelles	<i>J. Phys. Chem. B</i> , 2014, 118, 3582.	International
Dalip Kumar, Meenak shi Pilania, V. Arun and Savita Pooniya	C-H arylation of azaheterocycles: A direct ligand-free and Cu-catalyzed approach using diaryliodonium salts	<i>Org. Biomol. Chem.</i> 2014, 12, 6340.	International
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Punna Rao Ravi, Aditya Narasimha Murthy, Himanshu Kathuria, Srinivas Malekar and Rahul Vats	Lipid nanoparticles for oral delivery of raloxifene: Optimization, stability, in vivo evaluation and uptake mechanism	European Journal of Pharmaceutics and Biopharmaceutics, 87(1), 114-124	International
Sajeli Begum, Ameer Basha, G. Raghavendra, M. V. Nagesh Kumar , Yukthi Singh, Jagannath V Patil, Yuhei Tanemura, and Yoshinori Fujimoto	Isolation and characterization of antimicrobial compounds from <i>Pseudomonas fluorescens</i> and their efficacy on sorghum grain mold fungi	Chemistry and BioDiversity, 2014, Vol 11 (1), 92-100.	International
Ameer Basha, Sajeli Begum, Raghavendra,	Effect of various extracts of <i>Annona muricata</i> , <i>Abutilon indicum</i> and <i>Evolvulus alsinoides</i> extract on spore germination of sorghum grain mold fungi	Int. J. Bioresource and Stress Management. 2014, Vol 5(1), 102-106.	International
Ameer Basha, Sajeli Begum, Ragavendra	Search for agrochemical and heavy metal tolerant strains of <i>Pseudomonas fluorescens</i> and <i>Rhizobium</i>	Indian Journal of Plant Protection 2014, 42 (1), 71-77.	National
S. Mahibalan, A. Sajeli Begum, Ravi Sojitra, S. Ameer Basha, Sameer K. Chandavenkata and C. Sudhakar	Physico-Chemical Characterization of Spineless Safflower Petals and HPLC-Based Process Optimization for Extracting Quercetin-3-O-rutinoside	Journal of Indian Chemical Society, 2014, 91, 1-9.	National

Praveen K. Mandapalli, Suman Labala, Deekshith Vanamala, Manali P. Koranglekar, Lakshmi A. Sakimalla, Venkata Vamsi K. Venuganti	Influence of charge on encapsulation and release behavior of small molecules in self-assembled layer-by-layer microcapsules	Drug Delivery 21 (8); 605-614	International
Federico Perche*, Swati Biswas*, Tao Wang, Lin Zhu, Vladimir P. Torchilin	Hypoxia targeted siRNA delivery	Angew Chem Int Ed Engl. 2014, 53(13), 3362-6	International
Swati Biswas, Vladimir P. Torchilin	Nanopreparations for the organelle-specific delivery in cancer	Advanced Drug Delivery review. 2014, 66, 26-41	International
Navarro, G.; Essex S.; Sawant RR.; Biswas, S.; Nagesha D.; Sridhar, S.; de llarduya, CT.; Torchilin, VP.	Phospholipid-modified polyethyleneimine-based nanopreparations for siRNA-mediated gene silencing: Implications for transfection and the role of lipid components	Nanomedicine: Nanotechnology, Biology and Medicine. 2014, 10(2), 411-9	International
Jaipal, A., Pandey, M.M., Charde, S.Y., Sadhu, N., Srinivas, A., Prasad, R.G.	Controlled Release Effervescent Buccal Discs of Bupropion Hydrochloride: In-vitro and In-Vivo Evaluation Studies	Drug Delivery, In Press, DOI: 10.3109/10717544.2014.917388.	International
Raut, P.P., Charde, S.Y.	Simultaneous Estimation of Levodopa and Carbidopa by RP-HPLC using a Fluorescence Detector: Its Application to a Pharmaceutical Dosage Form	Luminescence, 29(7), 762-771	International
Raut, P.P., Sharma, A., Agarwal, G., Charde, S.Y.	Quantitative Estimation of Artesunate and Amodiaquine HCl by High performance Thin Layer Chromatographic Method in Bulk and Pharmaceutical Formulations.	Journal of Liquid Chromatography and Related Technologies, 37, 1568-1582.	International
S. Banik, P. Char	Core-collapse supernova simulation using Lambda hyperon EoS with density-dependent couplings	DESY-PROC-2014-04, DOI:10.3204/DESY-PROC-2014-04/115	International

S. Banik, M. Hempel, D. Bandyopadhyay	New hyperon equations of state for supernovae and neutron stars in density dependent hadron field theory	The Astrophysical Journal Supplement, 214 22 (2014)	International
P. Char, S. Banik	Massive neutron stars with antikaon condensates in a density-dependent hadron field theory	Phy RevC90, 015801 (2014).	International
S. Banik	Probing the metastability of a protoneutron star with hyperons in a core-collapse supernova	Phy. Rev C89, 035807 (2014).	International
K. V. S. Shiv Chaitanya, Sibasi Ghosh, V. Srinivasan, A. S. Vytheeswaran ¹	Entanglement in two-site Bose–Hubbard model with non-linear dissipation	J of Mod Opts, 61, issue 17, 1409, 2014	International
K. V. S. Shiv Chaitanya, Prasanta K. Panigrahi, V. Srinivasan	The Kerr medium as an SU(2) system	The European Physical Journal B, 87, 207 (1.345)	International
K. V. S. Shiv Chaitanya	Stieltjes Electrostatic Model Interpretation for Bound State Problems	Pramana: 83, Issue 1 , 139	International
B. Rajesh Kannan and B. Harihara Venkataraman	Effect of rare earth ion doping on the structural, microstructural and diffused phase transition characteristics of BaBi ₂ Nb ₂ O ₉ relaxor ferroelectrics	Ceramics International, 40 (2014) 16365 [Publisher : Elsevier]	International
B. Rajesh Kannan and B. Harihara Venkataraman	Influence of samarium doping on structural and dielectric properties of strontium bismuth tantalate ceramics derived by molten salt synthesis route	Journal of Materials Science : Materials in Electronics, 25 (2014) 4943 [Publisher : Springer]	International
B. Rajesh Kannan, S. Kalidhasan, A. Santhana Krishna Kumar, N. Rajesh and B. Harihara Venkataraman	An integrated use of Biopolymer-Ceramic composites towards capacitor and environmental application	Polymer - Plastics Technology and Engineering, 53 (2014) 626 [Publisher : Taylor and Francis]	International

Harikrishnan, Vimarsh Srivastava, Astha Sethi and Kannan Ramaswamy	Optical Absorption of a Silicon Substrate Dressed with Metallic Nanostructures: A Computational Study	Advanced Science Letters, 2014,20 (7/8/9), 1325-1330	International
Rahul Nigam	A Review of Conformal Field Theory in 2D	Journal of Advances in Physics, ISSN 2347-3487, Vol 6, No. 2, Nov 2014	International
Asrarul Haque	A Simple Derivation of Lorentz Self-force.	Eur. J. Phys. 35 (2014) 055006	International
Asrarul Haque	Causality in Classical Physics	RESONANCE June 2014. arXiv:1312.2656	National

Annexure 2(b)

Authors	Title of the Publications	Details of the Journal	National/International
Menon K, Jayakumar A.P., Shahid M, Sood N, Rao N.K.	Seed Dormancy and Effect of Salinity on Germination of <i>Citrullus colocynthis</i> .	International Journal of Environmental Science and Development, Volume 5, Issue 6, Pages 566-569	International
Menon K, Ahmed I, Sood N, Rao N.K.	The Potential of Castor as a Biodiesel Feedstock Crop for the Arabian Peninsula	ICREGA'14 - Renewable Energy: Generation and Applications, Springer Proceedings in Energy 2014, Pages 1-9, Springer International Publishing.	International
Madhumitha Balasubramani, Jyotsna Lakshmi Kumar, Nanduri Kameswara Rao, Neeru Sood, Trupti Gokhale, Somasundaram Rajeswari, Makram Belhaj Fraj and Sanjeet Mishra	Stress-Tolerance of Sinorhizobium spp. Nodulating Sesbania and Cowpea in Desert Soils	<i>Journal of Pure and Applied Microbiology</i> , 8(1): 323-331.	International

Adarsh Venkataraman Ganesan, Hardeep Kumar, S. Swaminathan, K. K. Singh, Reenu Anne Joy, Neeru Sood, Trupti Gokhale, R. K. Mittal	Analysis of MEMS-Based Microneedles for Blood Monitoring.	<i>Bionanoscience</i> , June 2014, 4(2): 128-135	International
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Arshia Fathima, J. Alamelu Mangai & Bharat B. Gulyani	An ensemble method for predicting biochemical oxygen demand in river water using data mining techniques	International Journal of River Basin Management	International
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Authors	Title of the Publications	Details of the Journal	National/International
Lekha R. Nair, Sujala D. Shetty	"Research in Big Data and Analytics: An Overview"	IJCA December 2014 Edition Digital Library	International
Dhvaja Shikare, Sujala D. Shetty	Supercloud - Need, Issues and Challenges	International Journal of Engineering Research & Technology, Volume 3, Issue. 05, May 2014	International
J. Alamelu Mangai, V. Santhosh Kumar and Karthik Ramesh	Web Page Classification using MDAWKNN	Encyclopedia of Business Analytics and Optimization, John Wang, Pennsylvania, IGI Global Publishers, pp. 2685-2695	International
Arshia Fathima, J. Alamelu Mangai and Bharat B. Gulyai	An Ensemble for Predicting BOD in River Water Using Data Mining Techniques	Int. J. of River Basin Management, Taylor and Francis, Vol. 12, No. 4, pp. 357-366.	International
AthiraNath and Kalaichelvi V.,	An Intelligent Technique for Image Compression	International Journal of Recent Development in Engineering and Technology	International

Sampath, S. Kalaichelvi, V	'Assessment of Mortgage Applications Using FuzzyLogic	International ScienceIndex, Economics and Business Sciences	International
MugdhaPolimera and Kalaichelvi V.,	Stability and Robustness Analysis of a LASER Guided Missile System Using PID Controller	Applied Mechanics and Materials	International
R.Karthikeyan,R.K.Ganesh Ram and V.Kalaichelvi	Modeling and Control Techniques for Microstructure Developmen	Applied Mechanics and Materials	International
Kalaichelvi V., Ganesh Ram R.K.and Karthikeyan R,	Biomass Boiler Drum Water Level control system using Neural Networks	Applied Mechanics and Materials	International
V.Kalaichelvi, R.Karthikeyan &D.Sivakumar	Analysis of gas Metal Arc Welding Process using GA tuned fuzzy rule based system	Journal of Intelligent and Fuzzy systems	International
Harish S. Nair, Anand Kumar, Osman Ahmed	Neural Network Modeling, Simulation and Prediction of Innovation Growth in United Arab Emirates (UAE)	Complex Adaptive Systems 2014, Philadelphia, PA, USA, November 3-5, 2014, in Procedia Computer Science, Elsevier, Volume 5, 2014, Pages 269–275	International
Revathy.G, Dr. Abdul Razak,	A survey on FINFETs: Technology, Pros, Cons and Improvement Prospects	International Journal of Advanced Technology in Engineering and Science, Vol. 02, Issue 10, pp. 229-237,Oct 2014	International
Revathy.G, Dr. Abdul Razak,	Comparison of Routing Algorithms on VLSI Floor Planning",	International Journal of Advanced Technology in Engineering and Science, Vol. 02, Issue 10, pp.248-259, Oct 2014	International

Neena D. · K. B. Garg · P. A. Alvi · D. Kumar · Kavita S. Jerath · M. Abu-Samak · S. Dalela	Study of Band Structure Properties of PnictideLaO(1-x)F(x)FeAs(x=0,0.2) superconducting compound	Journal of Supercon. and Novel Mag. Springer Science + Business Media, New York 2014	International
Suhel Ahmad Khan, Farhat Suhel & SK Srivastava	A Wiener-Hopf dynamical system for mixed equilibrium problems	International J. Math. And Mathematical Sci. Volume 2014 Article ID 102578, 8 pages Hindawi Publication, USA	International
Suhel Ahmad Khan	System of operator quasi equilibrium problems	International Journal of Analysis Volume 2014, Article ID 848206, 6 pages Hindawi Publication, USA	International
Vivin Karthik, M. Ebrahim, Geetha	Effect of biomass on wind reduction pattern in BITS Pilani, Dubai Campus	International conference on Biological, civil and environmental Engineering	International
Aakriti Singh, Aashia Fathima, S. Karthiyayini	Theoretical Analysis of Mechanical Properties for Elements at Nano-scale	International journal on Recent development in engineering and Technology , Volume 2	International
Adarsh Venkataraman Ganesan, Hardeep Kumar, S. Swaminathan, K. K. Singh, Reenu Anne Joy, Neeru Sood, Trupti Gokhale, R. K. Mittal	Analysis of MEMS-Based Microneedles for Blood Monitoring.	BioNanoScience, Springer 2014, 4(2): 128-135	International
Gaurav Chaudhary, Anyaa Mittal, Neeru Sood, K.K. Singh	Design and Simulation of Nano-mechanical Resonator for Virus Detection	IEEE Explore: 10.1109/SAS.2014.6798940, pp.170-174	International
Hardeep Kumar, Anuj Kumar, K.K. Singh, Neeru Sood, R.K. Mittal	Design and Simulation of a Micro Hotplate for MEMS based Integrated Gas Sensing System,"	IEEE Explore: 10.1109/SAS.2014.6798942, pp.181-184	International

B.Muralidharan and S.Vigeswari	A Study on the Development of Cost Effective Dyeing Method for Dyeing Of 100% Polyester Fabric,	International Journal of Advanced Scientific and Technical Research Issue 4 volume 3, May-June 2014 Available online on http://www.rspublication.com/ijst/index.html ISSN 2249-9954.	International
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Jabeen, Shazi Shah	'Implementation of Communicative Approach'	English Language Teaching, doi:10.5539/elt.v7n8p68 Vol. 7, No.8,	International
Pushkala M. and Madhavi C.	"Emerging Ethical Issues due to Technological Developments in an Era of Globalization"	Asian Journal of Research in Social Sciences and Humanities, Vol. 4, Issue 4; Pp.317-331	International
Qasim, Z. and Pushkala, M.,	"CSR and impact of CSR practices in companies in UAE", in 'Perspectives of Corporate Social Responsibility and Sustainability: a specific reference to UAE'	Germany: Lambert Academic Publishing, Pp. 123-149	International
Rao, A.S.	"Nurturing entrepreneurial women : An empirical study from a Developing country"	Journal of Entrepreneurship in Emerging Economies, Vol. 6 Iss 3; Pp.268-297	International

Ganesh Ram R K, Yashaan Nari Cooperb, Vishank Bhatia, R.Karthikeyan and C.Periasamy	Design Optimization and Analysis of NACA 0012 Airfoil using Computational fluid dynamics and Genetic Algorithm	Applied Mechanics and Materials, Vol. 664 pp 111-116	International
V Bhatia, R Karthikeyan, RK Ganesh Ram, YN Cooper	Design Optimisation and Analysis of a Quadrotor Arm using Finite Element Method	Applied Mechanics and Materials, 664, 371-375	International
R Karthikeyan, RK Ganesh Ram, V Kalaichelvi	Modeling and Control Techniques for Microstructure Development	Applied Mechanics and Materials, 541, 317-323	International

V Kalaichelvi, RK Ganesh Ram, R Karthikeyan	Biomass Boiler Drum Water Level Control System Using Neural Networks	Applied Mechanics and Materials, 541, 1260-1265	International
Akshay Sharma, N.K.Millerjothi, Kavita Jerath, S.Karthiyayini	'Forecast analysis of the potential and availability of renewable energy in Gulf countries'	Environmental Science and Development, Vol.6 No.5, 22nd May	International
R.Udayakumar, Anshul Singhal and Miller Jothi	FRP Mold and panel manufacturing for FSAE body panel and driver seat	SAE Technical Paper 2015-01-0727,	International
Ariz Ahmad , R.Udayakumar	Analysis of Combustion Chambers in Internal combustion engines	Global Science and Technology Journal Vol. 2 No.1 pp. 12-21	International

Annexure 3 - CONFERENCES, SEMINARS & WORKSHOPS CONDUCTED

1. Department of Biological Sciences had conducted “*National Workshop on Molecular Techniques: Cell to DNA (MTCD-2014)*” during April 10-12, 2014 at BITS Pilani, Pilani Campus, India.
2. Civil Engineering Department conducted a workshop on “*Impact of PMGSY Roads on Accessibility in Rural Areas*” which has been funded by the NRRDA at BITS Pilani on 5-6 September, 2014.
3. Civil Engineering Department organized two workshops in association with Autodesk on 27th September and 18th October, 2014 to help the students to learn and understand the best digital design tools used Civil and Mechanical Engineering design in industries.
4. Department of Chemistry organized National Conference on Nano- and Functional Materials (NFM 2014) during November 7-8, 2014.
5. Indo-Chile Workshop on Big Data 2014 (ICWBD 2014) was successfully held at BITS-Pilani, KK Birla Goa Campus from 4th June to 6th June, 2014. Jointly organized by Departments of Computer Science and Information Systems of Pilani and KK Birla Goa campuses in association with Department of Science & Technology (DST) Ministry of Science & Technology, Government of India and National Commission for Scientific & Technological Research (CONICYT), Ministry of Education, Republic of Chile. ICWBD attracted more than 50 external participants and many BITS students and faculty. The participants got exposed to the ongoing research trends in the field of

BIG DATA through talks from 16 speakers which included 6 speakers from Chile and remaining from India. Apart from this, the workshop also hosted a talk by Dr. Arenas Gonzalo, Director of International Relations Programme of CONICYT, which is main research funding agency of Chile, about the prospects of Indo-Chile collaboration in academic research in the area of BIG DATA and other related areas.

Workshop Organizers: Professors Navneet Goyal, Poonam Goyal, Sundar B, & Bharat M Deshpande

Coordinators: Prof. Navneet Goyal (India) & Prof. Eduardo Vera

6. National Conference on "Recent Trends and Developments in Operations Research" at Department of Mathematics, BITS, Pilani, during 22-23 February 2014 as Convener: Prof. CB Gupta. The conference was funded by UGC-SAP.
7. National workshop on LaTeX and MATLAB for Beginners' organized by Department of Mathematics, BITS Pilani, Pilani Campus during December 24-28, 2014 as Convener : Trilok Mathur, Co-convener : Suresh Kumar. The workshop was partially supported by DST-Rajasthan.
8. Centre for Renewable Energy and Environment Development (CREED), Mechanical Engineering Department organized a one day workshop on "Solar cooker building" on 8th April 2014 at BITS Pilani
9. Conference on "Decentralized Biogas digesters and their slurry management" was held at Goa, India at the Birla Institute of Technology and Science (BITS) – Pilani, K K Birla Goa Campus, Goa India in association with Institute of Agricultural and Urban Ecological Projects (IASP), affiliated to Berlin Humboldt University, Germany from November 20th to 22nd 2014.
10. INDO- UK INTERNATIONAL WORKSHOP ON ADVANCED MATERIALS AND THEIR APPLICATIONS IN NANOTECHNOLOGY (AMAN 2014) held at BITS Pilani, KK Birla Goa campus May 17- 19th 2014.
11. Computer Science Departments of K K Birla Goa Campus and Pilani campus jointly conducted Ind-Chile Workshop on Big Data at K K Birla Goa campus from 04/06/2014 to 06/06/2014.
12. Debasis Patnaik :Resource Person for Japanese Students (Study Tour to India) in Goa University on Nov 7, 2013; Took them to Zuari Industries for Industry visit arranged by Mr. Nitin Kantak, Vice President, Zuari Industries and his team of Officials on Dec22, 2013.
13. tiNAI Eco Film Festival 31 Jan-01 Feb. 2014
14. International Conference on "Towards Ecocultural Ethics : Recent Trends and Future Directions " 9-11 October 2014
15. International Conference on " Changing Contours of Indo-US Relations : Perceptions, Continuity and Change : 31 October – 02 November 2014
16. Organized a department level workshop on "Expectations from Faculty Members for Deeper Industry Engagement" on November 11, 2014.
17. Organized a workshop on "Introductory workshop on MATLAB for students" during September 20-21, 2014 in collaboration with Department of Physics.

18. DST-PAC meeting -29-30th May, 2014 -Programme advisory committee for mechanical manufacturing engineering and robotics. This was coordinated by Dr. Vikas Chaudhari and Prof. D.M. Kulkarni
19. Pro-E workshop -15 th & 16th of November, 2014 -The workshop was organized and conducted by Dr. Shibu Clement and Mr. PL.Ramkumar, BITS Pilani – KK Birla Goa Campus. Mr. Athul from Krotos Engineering was the resource person. In two day program he introduced the different modules of Pro-E.
20. ANSYS-CFD-15 th & 18th of December, 2014 -The workshop was organized and conducted by Dr. Shibu Clement and Mr. M. Sreedhar Babu, BITS Pilani – KK Birla Goa Campus. Mr. Ashish Mittal from "Innovant Engineering Pvt.Ltd." Bangalore was the resource person. This was a 4 day workshop which covered setting up of problem and simulation process considering applications like Multi Phase Fluid Flow and introduction to IC engine module.
21. XXIX SERC Main School in THEP 2014-15 (20 Dec 2014 – 8 Jan 2015)
22. "Einstein's Special Theory of Relativity" Workshop was held on 16th & 17th August 2014, In BITS Pilani K.K. Birla Goa Campus. The workshop was organized by Indian Association of Physics Teachers (IAPT), Goa Regional Council. There were 124 participants including teachers from various colleges, Higher Secondary Schools and Engineering Colleges and Students of Colleges, BITS and Goa University.
23. Organized one day workshop on "Modeling In Chemical Engineering Using Comsol" by Mr. Ahmed Gamal, Elnady Engineering and Agencies, Egypt, on 18th Sept, 2014.
24. The Association of Electronics Engineers (AOEE) in collaboration with American Society of Mechanical Engineers(ASME) had conducted an "Autonomous Robotics Workshop" in Bits Pilani Dubai Campus on 20-22nd November.The workshop was eligible for students of all years and it also encouraged students from different colleges like Herriot Watt, Manipal etc.There were a total of 108 participants.The instructor was Mr.Vaibhav Agarwal from IIT Bombay under whose guidance the 3-day workshop was conducted successfully
25. EEE department in association with AMSA renal care , Dubai has organized a one day workshop on "Biomedical Instrumentation and Applications. The workshop is conducted on 11th December 2014, Thursday from 08:30AM to 06:30 AM. The afternoon session of the workshop is done in AMSA renal care for hands on experience in Bio Medical instruments
26. The International Conference on Secure Knowledge Management in Big-Data era (SKM 2014) was held at BITS Pilani, Dubai Campus on 8th and 9th December, 2014. It was organized by University at Buffalo, New York, Birla Institute of Technology & Science, Pilani, and Abu Dhabi Polytechnic, Abu Dhabi.
27. 4th Annual International Conference On Advances In Biotechnology (BIOTECH 2014) jointly organized by Department of Biotechnology BITS Pilani Dubai Campus & GSTF (Global Science and Technology Forum) during 10-11 march 2014

28. International Conference In Biotechnology And Bioengineering-2014 (ICBB2014), jointly organized by Department of Biotechnology BITS Pilani Dubai Campus, Microbiologist Society and Babasaheb Ambedkar University, Aurangabad, India during 29-30th October 2014,
29. Organized a training session of SPSS for (a) the faculty and staff on 23 September, 2014 (b) the students on 19 October, 2014

Annexure 4- AWARDS AND RECOGNITIONS WON BY FACULTY AND STUDENTS

1. Dr. Suresh Gupta has been the Member of the Board of Studies of Faculty of Bio- and Chemical Engineering, Sathyabama University, Jeppiaar Nagar, Chennai, October – November, 2014.
2. Mr. Subajit Majumder has been awarded 1st Prize in the paper presentation on “Bioremediation growth kinetics of Cr(VI) contaminated aqueous solution using *Pseudomonas sp.*, an indigenous microbial strain isolated from aerobic mixed culture” in International Congress on Environmental, Biotechnology, and Chemistry Engineering (CEBCE 2014), SAISE, Pride Hotel, Pune, India, February 21-23, 2014.
3. Dr. Banasri Roy has been awarded the Visiting Scientist Fellowship 2014-15 from Indian National Science Academy (INSA) for collaborative work with IIT-Kharagpur.
4. Dr. Arvind K Sharma, PhD Thesis Examiner, VNIT Nagpur , May 2014.
5. Dr. Arvind K Sharma, Project Examiner, BTech (Chemical Engg.) – Final-Year, MNIT Jaipur, June 2014.
6. Dr. Suresh Gupta, External examiner for BTech (Chemical Engg.) students at Banasthali University, January 3, 2014.
7. Mr. Utkarsh Maheshwari, Chaired a session on "New process technologies & Adsorption technology" in the 67th Annual session of Indian Institute of Chemical Engineers (CHEMCON 2014), Chandigarh, December 27-30, 2014.
8. Dr. Arvind K Sharma, Dr. Suresh Gupta, Dr. Pratik N Sheth, Dr. Smita Raghuvanshi, Dr. H K Mohanta, Dr. Banasri Roy and Mr. Amit Jain have been elected as the member of “The Institution of Engineers (India)”.
9. Dr. Pratik N Sheth and Mr. Amit Jain have been awarded membership of the Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES).
10. Dr. Suresh Gupta and Dr. Smita Raghuvanshi have been awarded the membership of American Institute of Chemical Engineers (AIChE).

11. The team of three BE Chemical Engineering students i.e. Mr Shubham Jain, Mr Varun Patel and Mr Abhishek Ranade and a faculty guide Dr Pratik N Sheth secured 4th position in the Grand Finale of iNSCRIBE 2014 organized by BOSCH on 16th & 17th December, 2014 at Bangalore.
12. Paper entitled "Optimization of parameters (pH & temperature) for CO₂ mitigation using isolated species from Sambhar Lake" was the only poster selected from BE students (Kaushik Raj & Piyush Chauhan) in the entire conference of Bioprocessing India -2014 held as ICT Mumbai from Dec 17-20, 2014, jointly organised by ICT Mumbai & IIT, Bombay Mumbai.
13. Prof. Anil Kumar received Dr. Arvind Kumar Memorial Award from the Indian Council of Chemists (ICC) for the year 2014. The award was presented to him during the inaugural session of the 33rd Annual Conference of ICC at the Department of Chemistry, ISM Dhanbad on December 15, 2014.
14. Dr. Indresh Kumar received "Outstanding Potential for Excellence in Research and Academics" (OPERA) award of the institute..
15. Mukund Tantak received First Prize for his poster presentation in the "National Conference on Emerging Areas of Chemical Education and Research and National Convention of Chemistry Teachers" (NCCT 2014) organized by IIS University, Jaipur during October 16-18, 2014.
16. Pragati Fageria (ID: 2012PHXF017P), Ph. D. student received best poster (first) presentation award in National Conference on Nano- and Functional Material (NFM 2014), organized by Department of Chemistry, BITS Pilani, during 7-8 November, 2104.
17. Kumari Suman received second prize in the oral presentation in the National Conference on Nano- and Functional Materials (NFM-2014), organized by Department of Chemistry, BITS Pilani, Pilani Campus, Rajasthan, 7-8 November 2014
18. Fayaz Baig received third prize in the poster presentation in the National Conference on Nano- and Functional Materials (NFM-2014), organized by Department of Chemistry, BITS Pilani, Pilani Campus, Rajasthan, 7-8 November 2014.
19. P.O. Venkataramana Reddy received the first best poster presentation award in the national conference on "Recent Developments in Chemical Sciences" organized by Guru Jambheshwar University of Science and Technology, Hisar during February 25-26, 2014.
20. Amrit Sarmah received RSC travel grant to attend the Faradays Discussion 173 in London
21. Amrit Sarmah has been selected by Weizmann Institute of Science, Israel for a fully funded week-long visit to Israel to share his research work.
22. Mr. Shashank Rao (a former M.Sc. student of the dept) got special appreciation and a cash prize of Rs. 1000/- in the Theoretical Chemistry Symposium (TCS 2014) organized by National Chemical Laboratory, Pune during December 18-21, 2014. The work was part of thesis carried out under the supervision of Prof. G. Sundar and Dr. Prashant Uday Manohar.
23. A research paper : Islam SK Hafizul, Biswas G. P., "A Provably secure identity-based strong designated verifier proxy signature scheme from bilinear pairings", Journal of King Saud University - Computer and Information Sciences (Elsevier), Vol. 26, no. 1, pp. 55-67, 2014, received the distinction of being in the top 20 most cited papers in May, 2013.

24. Prof. Surekha Bhanot felicitated during BGM 2104 as a teacher that they would specially like to recognise the BITS Global Meet 2014 at BITS Pilani Hyderabad Campus
25. AVINASH N RAO 2013A8PS074P awarded for his innovative project "Express FIR" by USA foundation "Avery Dennison" on August -22, 2014. The project is being mentored by Dr. Dheerendra Singh. The Project concept emerged one among the best ten projects selected after three grueling rounds.
26. Kaustubh Nawade (4th-year dual degree student of EEE), Tarang Shah (4th year E&I) participated in Intel sponsored "Internet of Things" Hackathon as a part of the 28th International Conference on VLSI design and 14th International Conference on Embedded Systems organized at Leela Palace, Bangalore between 2nd to 7th Jan, 2015. They are placed 3rd overall amongst 25 selected teams comprising of Bachelors students to PhD to working professionals. Their idea was to build an "Emergency Fall Detector" mainly targeted towards the elderly. It is an assistive, smart, wearable, wireless device capable of detecting a fall and alerting nearby people and emergency contacts. They completed the entire prototype based on Intel Edison within 60 hours.
27. Research Paper titled "Design and Implementation of Piezoelectric Energy Harvester" shortlisted for Grand Finale of *INSCRIBE 2014* at Bangalore, Organized by Robert BOSCH Engg and Business Solution Pvt Ltd. During the Grand Finale, Visit to Robert Bosch Innovation Lab was conducted on 16 Dec 2014 and Grand Finale was held on 17 Dec 2014. The team consists of Three Students Chilukuri Abhijit and Cheruvu Phalanis and C B Parthap. They worked under the Supervision of Dr. Pradyumn Chaturvedi, ASTP, EEE. Total teams participated were 232 from 31 Engineering Institutions with more than 700 entries. We were among top 04 teams from all over the country in the Broad area of Manufacturing Technology. We have suggested the application of *Piezoelectric Sensor Based Vibration Suppression in Automobile Engines using Power Electronic Converters*. The Panel of Judges appreciated the innovative idea presented there.
28. Dr. Navneet Gupta received Certificate of Appreciation from Department of Electronic and Computer Engineering, NTUST, Taiwan for remarkable effort towards the research work.
29. Dr. Navneet Gupta was appointed as Reviewer for Third Int. Conf. on Technological Advances in Electrical, Electronics and Computer Engineering (TAECS 2015), Lebanese University, Beirut, Lebanon to be held during April 29-May1, 2015.
30. Dr. Navneet Gupta was appointed as Member of Board of Studies (BoS) of DIT University, Dehradun.
31. Lata, Pushp, received the Best Paper Award for the paper presented on "Enhancing Employability Prospects of College Students from Rural Background: Problems and Opportunities" at International Conference on Trends and Innovations in Language Teaching held at Sathyabama University, Chennai in collaboration with RELO and IEEE during 14 -15 November 2014.
32. Sharma Sangeeta, Received best paper award for "Odyssey of Women in Advertising: A case study of Lux" by Sangeeta Sharma and Madhusmita Das at 3rd Biennial Conference held at AMSoM Ahmedabad University on 3-4 April 2014.
33. Nandigama Sailaja, was specially invited as the subject expert for conducting the spot study for the *Prime Minister Awards for Excellence in Public Administration*, by the Indian Government. As part of this study she conducted field visits in Gujarat state, and submitted the report to validate the nomination for the PM award for excellence in December 2014.

34. CB Gupta: Member Advisory Committee for DST Radio Maths Project in CRS Alwar Ki Awaaz.
35. Trilok Mathur: Appointed as Observer, Central Board of Secondary Education-All India Pre-Medical Test-2014 (A national level examination).
36. Suresh Kumar: Selected as Visiting Associate for a period of three years (2014-2017) by Inter University Centre for Astronomy and Astrophysics (IUCAA), Pune.

37. Dr. A. K. Digalwar Appointed as a Secretary General for Indian Subcontinent Decision Science Institutions (USA) for two years.
38. Dr. A.K..Digalwar appointed as a member of editorial board for the following journal: International Journal of Manufacturing Systems publishing by Science Alert, New York, USA; Asian Journal of Industrial Engineering publishing by Science Alert, New York, USA; Research Journal of Business Management publishing by Academic Journals Inc. New York, USA
39. Dr. A. K. Digalwar worked as a technical Committee member for National Conference on Industrial Engineering and Management Scheduled during Oct 29-31, 2014 at NITIE Mumbai.
40. Dr. Subrata Bandhu Ghosh was selected as the recipient of "Outstanding Educational Achievement" award by 'International Biographical Centre', July, 2014.
41. Dr. Subrata Bandhu Ghosh, Dr. Murali P. and Dr. Srinivas Kota received the OPERA award at BITS Pilani.
42. Dr. Subrata Bandhu Ghosh's bio-note has been selected to be included in the 'Asian Admirable Achievers' (8th Edition), published by 'Rifacimento International',
43. Prof. R N Saha received "Pharmacy Professional of the Year 2013" Award given by Indian Association of Pharmaceutical Scientists and Technologists. Award, given in January 2014, consists of Gold Medal, Citation, Memento
44. Prof. R Mahesh received Best Published Paper Award (Assoc. of Pharm. Teachers of India Conf. 2014) Prof. Duggirala Visweswaram & Prof. Sreemantalu Satyanarayana Award (Best published paper during the year-2013 in Ind. J. Pharm. Edu. and Res. - Pharmacology)
45. Dr. Murugesan appointed as examiner for Ph. D thesis evaluation by The T. N. Dr. M. G. R Medical University, Chennai, TamilNadu, India.
46. Dr. Murugesan Appointed as examiner for Ph. D thesis evaluation by Karpagam University, Coimbatore, TamilNadu, India.
47. Dr. Murugesan appointed as examiner for Ph. D thesis evaluation by SRM University, Chennai, TamilNadu, India.
48. Dr. Murugesan appointed as nominee member of court of Chaudhary Ranbir Singh University, Jind
49. Mr. Saurabh Mundra awarded for Best Poster (IIInd Prize) in NIPICON International Conference, 2014
50. Mr. S N C Sridhar selected as a participant in Novartis India BioCamp 2014

51. Mr. S N C Sridhar received the travel grant from DBT for attending International Symposium in the 4th Expert Committee on Promotion and Popularization of Biotechnology (ECPBP) held on 10th October, 2014, Austria.
52. Mr. Prashant Raut received Travel grant from DST to attend 2014 AAPS Annual Meeting and Exposition, San Diego, CA, 2014.
53. Utpal Roy Won the "Certificate of Excellence in Reviewing" awarded by Elsevier in Recognition of Outstanding Contribution to quality of journal by "Fungal Biology".
54. Sumit Biswas ,Radiological Safety Officer accreditation from BARC, DAE
55. Angshuman Sarkar, has been selected by CSIR (Board), Govt of India as a member in a confidential exam related work.
56. Ravi Prasad Aduri Editor for open access journal "Enliven: Microbes and Microbial Techniques"
57. Kshipra Naik was awarded the 014 CEFIPRA - ESONN FELLOWSHIP CEFIPRA, in collaboration with Joseph Fourier University, Grenoble which supported the participation in the European School on Nanoscience and Nanotechnologies (ESONN) training programme - Session 2014 held during August 24 - September 13, 2014 at Grenoble, France.
58. Dr. R. N. Panda become the life member of Indian Science Congress.
59. Dr. R. N. Panda reviewed paper(s) in the journal : Materials Science and Engg (B) and Materials Lett
60. Dr. A. Chattopadhyay reviewed paper in J. Chem. Phys.
61. Worked as Guest Editor for a special Issue: Advanced Nanoporous Materials: Synthesis, properties and applications, Journal of nanomaterials,
62. Mr. Gokulakrishnan, and Meera Haridas participated and won the best Poster award in The third international conference on Advanced Oxidation Processes Sep 25-28, 2014, MG University Kerala. Poster title is Degradation of dyes by Potassium persulphate, its enhancement by 1,8-dimethyl-1,3,6,8,10,13-hexaazacyclotetradecane nickel(II) perchlorate complex: Removal of toxicity.
63. Summer projects to three DST-INSPIRE candidates from NISER, Bhubaneswar were offered by Dr. A. Chattopadhyay, Dr. R. N. Behera and Dr. Subhdeep Banerjee.
64. Asima Shaukat-
INSA Inspire Faculty Award, DST, Government of India (Title: Rheological dynamics of polymer-layered
65. S. S. Baral : Achievement In enrolment of members of IICChE during 2014 (by IICChE)
66. V Sreejith received **best PhD Presentation Award at COMSNET-2014, Bangalore -Jan 7 to 9.**

67. Meenakshi Raman has been appointed as the Member of Board of Studies, Sciences and Humanities of Satyabhama University, Chennai (25.09.2014) She has also been appointed as the Special Invitee for the IQAC of MES college, Goa (29.10.2014) .
68. Rayson K. Alex was appointed as a Member of the Technical Advisory Committee of Science and Technology Communication Programme, "Jal Sutra: Eco &WaSH Futures" of National Council for Science and Technology Communication (NSTC) of Department of Science and Technology under Ministry of Science and Technology, New Delhi (2014 - 2016). He was invited as a guest to lead a panel discussion on Water Discourse in the "Learning Exchange & Youth Leadership Workshop for Eco &WaSH Futures: Jal Sutra in Young Hands" held on 20th October 2015 at the Centre for Water Resources Development and Management, Kunnamangalam, Kozhicode, Kerala, and he spoke on Ecological Literacy.
69. Solano Da Silva , Department of Humanities and Social Sciences , was invited to spend two months at the School of the Build Environment at Heriot-Watt University, Edinburgh, UK during May-July 2014 to research on the politics of land-use planning which is part of his PhD topic.
70. Meenakshi Raman has been appointed as reviewed 2 papers (i) for the AIMS International Journal of Management and (ii) for the British Journal of Education, Society & Behavioural Science .
71. Dr. Ranjit S Patil - INSA Visiting Scientist Award 2014, INSA Govt. of India
72. Ujash D Shah - Recipient of ASME Power Division Scholarship
73. Praharsh Pai Raikar - Recipient of MITACS Globalink Research Internship, University of Waterloo – Canada
74. Dr. Shibu Clement -SAE India
75. Dr. Ranjit S Patil - SAE India
76. Priyanka Sharma got best poster presentation award at ICSCCB-2014 held at JNU Convention Centre, New Delhi, India for the topic entitled "Steroid hormone receptor mediated liposomal delivery system induces apoptosis in cancer cells in a targeted manner". BEST India 1st prize, two best paper awards and two opera awards
77. Dr. Srikanta Dinda obtained four patents in 2014 (US patent-01, European patent -01 and Chinese Patent -02) in the area of fluid catalytic cracking and dry gas reduction.
78. Srikanta Dinda, P. K. Chinthala, A. Gohel, A. Yadav, S. Mandal, G. Ravichandran and A. K. Das, Process and a catalyst composition of catalyst/ additive for reducing the fluid catalytic cracking (FCC) of the fuel gas yield of the process. 2014, Pat. No: CN 103703105 A.
79. Srikanta Dinda, P. K. Chinthala, A. Gohel, A. Yadav, S. Mandal, G. Ravichandran and A. K. Das, Process and composition of catalyst/additive for reducing fuel gas yield in fluid catalytic cracking (FCC) process. 2014, Pat. No: US 20140116923 A1.
80. Srikanta Dinda, P. K. Chinthala, A. Gohel, A. Yadav, S. Mandal, G. Ravichandran and A. K. Das, Process and composition of catalyst/additive for reducing fuel gas yield in fluid catalytic cracking (FCC) process. 2014, Pat. No: EP 2729553 A1.

81. G.Ravichandran, P. K. Chinthala, T. Doshi, A. Gohel, A. Arusu, S. Mandal, A. K. Das, Srikanta Dinda A. Parekh, Fluidized catalytic cracking (FCC) catalyst additive and its preparation. 2014, Pat. No: CN 103813856 A.
82. Dr. Asma Ahmed obtained a DBT grant for the project "Bioconversion of coal rejects to bio gas and humic acid" (May 2014).
83. Dr. I. Sreedhar and Mr. B. Sreenivasulu published review article in Renewable and Sustainable Energy Reviews (Impact factor: 5.5).
84. K. Mahalakshmi Naidu(PhD student working with Dr. KVG Chandra Sekhar) won the best paper award in the poster section in 5th National seminar on Bioinformatics, Sri Venkateshwara Institute of Medical Sciences, Tirupati, February 14-15th, 2014.
85. Indo-US Science and Technology Forum (IUSSTF) Research Fellowship Award for the year 2013-14 to Dr. Ramkrishnan Ganesan.
86. Prof K.Srinivasa Raju Awarded S.N.Gupta Memorial Award for Research Contribution to the field of Water Resources Engineering by Indian Society for Hydraulics. Award was given during inaugural session of HYDRO-2014 International Conference, MANIT Bhopal on December 18, 2014. Award was given by Er M D Kudale, President, Indian Society for Hydraulics.
87. Dr. G Geethakumari and Mr. Digambar powar received a funded project from DIT, MCIT, Gol with a funding to the tune of Rs 55 lacs in the area forensics in cloud computing
88. K P Krishna Kumar and G Geethakumari received the Best paper award at the International Symposium on Signal Processing and Intelligent Recognition Systems, (SIRS-2014), March 13-15, 2014 Technopark, Trivandrum, India
89. Students Project titled "Smart Floor cleaning bot" was shortlisted for Phase 1 of "Texas Instruments Innovation Challenge India Analog Design Contest 2014"
90. Also Project titled "Step towards smart cities-Real Time traffic Control and optimization system" shortlisted in Texas instruments innovation challenge 2014-2015
91. Alivelu M Parimi, BOS member for Vasavi Engineering College, Hyderabad
92. Student Third prize for SOP project work presented in Technical presentation in Quark 2014
93. Best paper award for conference paper AV Pavan Kumar, Alivelu M Parimi, K Uma Rao, "A Comparative Study of Model Based Design of PV cell in MATLAB/Simulink/Simscape", Proceeding Of ICETETS 2014, Hyderabad.
94. BITSAA travel grant was awarded to Ms. Neeharika Velleluru for presenting paper at IEEE Optical MEMS Conference held at Glasgow, Scotland in 17-21 August 2014.
95. DST travel grant was awarded to Ms. Neeharika Vellaluru for presenting paper at IEEE SENSORS 2014, 2-5 November 2014, Valencia, Spain

96. Sudatta Banerjee and Amrita Roy, Determinants of Female Autonomy across Indian States, 5th International Conference on Economics, Business and Management – ICEBM 2014, December 27-28, 2014, in Phuket Island, Thailand. Awarded best paper award for the same.
97. Dr. Amit Kumar Gupta received UGC Research Award for his research contribution in mechanical engineering.
98. Dr. Amit Kumar Gupta received Prof. S. Venkateswaran Faculty Excellence Award instituted by BITSAA International for his outstanding contribution in teaching and research.
99. Mr. Pavan Kumar has won the best paper presentation for his paper held at NIT Calicut.
100. Dr. Sandip Deshmukh is awarded with OPERA (Outstanding Potential for Excellence in Research and Academics) award by BITS Pilani for 2015-2019.
101. Debdas Ghosh: Outstanding Potential for Excellence in Research and Academics Award, BITS Pilani.
102. P.K. Sahoo: IASc-INSA-NASI Summer Research Fellowship-2014 awarded by Indian Academy of Sciences, Bangalore.
103. Prof. P. Yoogeswari was conferred with IASP 2014 Award for Excellence in Pain Research and Management in Developing Countries under the Basic Science research category. She received the award at the 15th World Congress on Pain, Buenos Aires, Argentina, October 2014.
104. B G Prakash Kumar acted as an international advisory committee member for International Conference on Green Technologies for Environmental Pollution Control and Prevention, 27-29 Sept 2014, National Institute of Technology Tiruchirapalli, India.
105. Seba Sara Varghese, a full time PhD student under the supervision of Dr S Swaminathan and Dr K K Singh, has been allowed by Petroleum Institute, Abu Dhabi, to carry out experimental work for her research as a visiting researcher during the semester I 2014-15
106. Rangapiya and Shruthi two students are doing their UG thesis in Hengen Ingenieurbuero GbR , Germany , they are working on the projects such as “Three dimensional image reconstruction using a DLP projector in conjunction with industrial camera” and Field theoretic practical analysis of PCB structures used in high data rate interface. They are getting a stipend of 500EUROS.
107. The collaboration with iGenus in developing the Android mobile application is drawing to a close. Papers (1), (5) and (6) in section VI is a direct and indirect outcome of the collaboration with iGenus, USA. The mobile application is close to completion
108. Director of BPDC received a request to submit research funding proposals from Joint Director of Ministry of Communication and IT, New Delhi. Dr Anand Kumar along with Dr Vijayakumar, Dr Jagadish Nayak and Dr Sundaresan Raman (Pilani Campus) submitted a proposal to DeITy entitled "Video Processing and Coding Requirements for IETF WebRTC" for a budgeted USD 86, 945 over a 3 year period. The proposal is currently being reviewed
109. Discussions and preparations underway with faculty in another BITS Pilani Campus to prepare an initial IDR proposal for submission to Center of Excellence in Water, Waste and Energy Management by 15 Dec 2014. This is a follow up to the IDR at Goa in Nov 2014.

110. Smart City Collaboration: Paper (4) in section VI might lead to collaboration with industry. A meeting of Smart City representatives (Dr Bajju, Mr Thomas and Mr Shadi Khoja) and BITS Pilani faculty and HoDs was held on 21 Oct 2014. Discussions are underway to initiate collaboration with SmartCity (TECOM subsidiary) in the following areas:
- i. Conducting a Competition on Innovative ideas with engineering students of India, UAE and Malta followed by a grand finale.
 - ii. Ideas on what should be covered under SMART CITY
 - iii. Conference on SMART CITY
 - iv. Joining and supporting Smart City for Madhya Pradesh Project
 - v. Deciding some areas of Research and Development
 - vi. Creation of Smart Lab at BITS Pilani Dubai Campus
 - vii. Signing an MoU
 - viii. A team of BITS Pilani, Dubai Campus has been constituted to take forward the next steps: Dr Anand Kumar (Convener), Dr Jagadish Nayak, Dr Santhosh Kumar and Dr Trupti Gokhale. Planning and Website design has been done by some students for the competition. Implementation will be done by a professional organization. A draft MOU has been prepared by Director and sent to Dr Bajju
111. Subsequent to Prof Suresh Bhargava's visit to Dubai Campus and interaction with Dr Anand Kumar and his PhD scholar, Devisree, a proposal is being prepared to submit for the Endeavor fellowship from the Australian government for the scholar to potentially spend 6 months at RMIT working with electrochemistry experts in Prof Bhargava's research team.
112. A preliminary chat with the E Operations Manager at BPDC PS station MSD (Merck) indicated an interest to extend collaboration in Practice School to research and consultancy. An appointment has been scheduled for 14 Dec 2014 with Dr Anand Kumar, Dr Trupti Gokhale and Dr Santhosh Kumar to meet Mr Amith Raman and his manager for brainstorming. Ideas have also been elicited from Dr Srinivas (HoD, Management) as inputs to this brainstorming session.
113. Two final year students along with Dr Anand Kumar (EEE) and Dr Ramachandran (Biotech) submitted an idea for funding to Al Bayt Mitwahid pertaining to the cultivation of Quinoa in Sharjah and UAE. The website indicated a maximum of AED 250,000. Response is awaited.
114. BITS Pilani, Dubai Campus was invited to nominate a panelist in the ICT Panel Discussion "Are we ready to shift Dubai into a "Smart City?" Dr Anand Kumar has been asked to represent BITS Pilani, Dubai Campus in these discussions. The other panelists in this session are Ms Lisa (IBM), Dr Hussain, Middlesex University, and Mr Hemal, Oracle
115. OOEHS has invited BITS Pilani, Dubai Campus, Manipal (MAHE) and Amity University faculty to make a 5 minute presentation followed by a panel discussion and a Q&A session for high school students. Dr Anand Kumar will be representing BITS Pilani, Dubai Campus. Dr Shukla and Dr Chandra from Amity and Dr More from Manipal will join this session
116. Dr.. B. Vijayakumar and Dr. V. Santhoshkumar acted as Technical Program Committee Members for the International Conference on Secure Knowledge Management, SKM - 2014 held at BITS

Pilani, Dubai Campus during 8-9 Dec. 2014. Dr. S. Vadivel has been the Local Arrangements Chair for SKM-2014. All the CS department Faculty Members and 30 student volunteers (led by Aishwarya Rajesh Iyer and Priyanka Bhatia) were actively involved in organizing SKM-2014.

117. Dr. Sujala Shetty reviewed three papers for the 7th IEEE GCC Conference and Exhibition held during 17-20 November 2013 at Doha, Qatar.
118. Dr. Trupti Gokhale received the best oral presentation award with a cash prize of Rs. 5000/- at the 3rd Global Sustainable Biotech Congress 2014 (GSBC 2014), 1-5th December 2014, Jalgaon, India.
119. Dr. Neeru Sood was honored to be on the International Advisory board for the 3rd Global Sustainable Biotech Congress 2014, 1-5th December 2014, Jalgaon, India.
120. Ms. S. Rajeshwari received the best paper award at the 4th Annual International Conference On Advances In Biotechnology (BIOTECH 2014), 10-11th March 2014, Dubai, UAE.
121. Ms. Salma Sheriff received the best oral presentation award at the International Conference On Biotechnology And Bioengineering-2014 (ICBB 2014), 29-30th October 2014, Dubai, UAE.
122. Ms. S. Rajeshwari received the best participant's award during the MTCD-2014 workshop at BITS Pilani, Pilani Campus, India.
123. Ms. Shristi Singh received the best oral presentation award at the International Conference On Biotechnology And Bioengineering-2014 (ICBB 2014), 29-30th October 2014, Dubai, UAE.
124. Ms. Gayathri Ganesh received the best oral presentation award at The International Conference On Biotechnology And Bioengineering-2014 (ICBB 2014), 29-30th October 2014, Dubai, UAE.
125. Ms. Nirupama Dixit received the best poster presentation award at the International Conference On Biotechnology And Bioengineering-2014 (ICBB 2014), 29-30th October 2014, Dubai, UAE.
126. Ms. Suchita Gera Received The Best Poster Award At International Conference On Emerging Trends In Biotechnology, Jawaharlal Nehru University, New Delhi.
127. Dr. Srinivasa Rao has been invited to deliver few lecture sessions on "Strategic HRM" and "Managing Change" at University of Dubai during July 2014.
128. Dr. Srinivasa Rao has been nominated as Abstract Reviewer at ICSB Conference (International Conference on Small Business) to be held in July 2015.
129. Rajesh Mehrotra received international travel award of DST 2014 for attending the conference in Dublin Ireland.
130. Rajesh Mehrotra reviewed paper for Plant molecular biology, Journal of molecular catalysis, B enzymatic.
131. Jitendra Panwar: Chaired a technical session as well as judge the poster session in *National Conference on Nano-Functional Material (NFM-2014)* scheduled during November 7-8, 2014 at BITS Pilani, Pilani Campus, India.
132. Jitendra Panwar: Chaired a technical session as well as received the Best Oral Presentation Award in International Conference on Biotechnology & Bioengineering (ICBB-2014) scheduled during October 29-30, 2014 at BITS Pilani, Dubai Campus, Dubai.

133. Jitendra Panwar: Convener, *National Workshop on Molecular Techniques: Cell to DNA* (MTCD-2014), April 10-12, 2014, BITS Pilani, Pilani Campus, India.
134. Jitendra Panwar: Vice Chancellor's Nominee, Board of Studied, Amity Institute of Microbial Technology, Amity University, Jaipur, India.
135. Jitendra Panwar: Biography earned position in the renowned books published by Marquis Who's Who LLC, United States of America and International Biographical Center (IBC), Cambridge, England.
136. Prabhat Nath Jha: Raman Post-doctoral Fellowship under Indo-USA knowledge initiative program sponsored by University Grant Commission, New Delhi, India
137. Pankaj Kumar Sharma was the Organizing Secretary of the National Workshop on "Molecular Techniques: Cell to DNA" conducted by the Department of Biological Sciences, BITS Pilani, Pilani Campus from April 8 – 10, 2014 under the UGC-SAP.
138. Santosh Kumar Padhi: Outstanding Potential for Excellence in Research and Academics (OPERA) award by BITS Pilani. December 29th 2014.
139. Sandhya Marathe: reviewed three papers for PloS ONE journal. Feb. - April 2014
140. Ashish Runthala's research details got published on the web by the HighBeam Business company, USA by Proteomics Department
141. Ashish Runthala: Got selected for the editorial board member for the following journals.
 - a. SM Group Open Access eBooks, 3126 Riverside station blvd. Secaucus, NJ 07094, USA
 - b. Scientific & Academic Publishing, USA.
 - c. Journal of Critical Reviews
 - d. International Journal of Scientific Footprints
 - e. International Journal of Applied Science and Biotechnology
 - f. Journal of Proteomics & Bioinformatics, OMICS Group USA
142. Ashish Runthala: Reviewed the
 - Conference proceedings articles for the International Conference on Electronic Design, Computer Networks & Automated Verification (EDCAV), to be held during January 29-30, 2015 at NEC Building, Shillong, Meghalaya.
 - Journal of Advances in Biology
 - International Journal of Bioscience, Biochemistry and Bioinformatics
 - International Research Organization of Computer Science
 - Proteomics articles for the following journals of Dove Medical Press Ltd, New Zealand
 - Advances and Applications in Bioinformatics and Chemistry
 - Advances in Genomics and Genetics

143. Ashish Runthala: One article, published in 2012, got recognized as the 5th best article printed so far since 2012 in the field of Protein Science, as per the notification of BioMedLib, LLC., Charlottesville, VA 22905-9998.
144. Ashish Runthala: One article presented in HongKong got selected as the phenomenal work and was invited for an extended article scheduled for publication by Springer.
145. Ashish Runthala: Got awarded the lifetime membership of The Institute of Doctors Engineers and Scientists.
146. Ashish Runthala: Got invited to be the lead editor of the special issue on the
- Current Psychopharmacology journal from BenthamScience publishers.
 - International Journal of Biochemistry and Biomolecules and International Journal of Computational Biology and Bioinformatics from Science Publishing Group
 - Scientifica Journal, Hindawi Publishing Corporation
 - Current Bionanotechnology journal from BenthamScience publishers.
147. Sanjeev Kumar:
- Ph.D Thesis Evaluation and examiner (JNU)
 - Ph.D. Thesis reviewer (LV Prasad Eye Institute)
148. Lalita Gupta:
- Paper Reviwed: Archives of Insect Biochemistry & Physiology. July 2014
 - Paper Reviwed: PloS ONE. March 2014
 - Ph.D Thesis Evaluated and Externer Examiner (JNU October 2014)
 - M.Sc. External examiner for Biotech paper MDU Rohtak Jan 2014
149. S K Verma:
- Editor-in-chief, Proceeding of 4th Annual International Conference on Advances in Biotechnology Organized by Global Science and Technology Forum, Singapore.
 - Appointed as member of Court of CRS University, Jind.
150. Ashis Das: Ph. D. Thesis external examiner for students from CDRI-Lucknow, ICGEB-New Delhi, NII- New Delhi, Kashmir University, Srinagar.
151. Vishal Saxena was the Organizing Secretary of the National Workshop on “Molecular Techniques: Cell to DNA” conducted by the Department of Biological Sciences, BITS Pilani, Pilani Campus from April 8 - 10, 2014 under the UGC-SAP.
152. Mr. Rajnish Singh received best oral award in National conference on Recent trends and future prospects of microbiology and biotechnology
153. Mr. Gagandeep S. Saggi won the Young Scientist Award for best oral presentation in National Conference ‘RTFPMB’ organised by Shri J. J. Tiberwala University, Jhunjhunu, Rajasthan, from Mar 03-04, 2014. 26.
154. Ms. Zarna R. Pala:
- Won the 2nd Best Poster Award in the National Conference on Recent Trends and Future Prospects of Microbiology and Biotechnology organized by Shri J. J. Tiberwala University, Jhunjhunu, Rajasthan, from March 03-04, 2014.

- Won the Best Poster Award at the 25th National Congress of Parasitology jointly organized by CSIR-CDRI & The Indian Society for Parasitology, at CSIR-CDRI, Lucknow from Oct. 16-18, 2014.
155. Sanchit Bajaj has been selected for summer internship under MITACS Globalink Program. He has been offered research internship at Queen's University, Kingston, Canada.
 156. Anvit Kumar Mittal, a 3rd year BE Civil student featured in Autodesk Student Expert Program - Spotlight in December 2014. He was the first Indian Student whose portfolio was selected for Spotlight.
 157. Mr. Siddharth awasthi, a 4th year BE Civil Engineering student successfully completed his internship in Germany through daad wise scholarship.
 158. Mr. Pragnesh pahuja, (B.E. 4th year) and Mr. Sanchit Bajaj (B.E. civil 3rd year) of first degree were selected through MITACS for summer internship at Canada for the year 2015.
 159. Ms. Devyani chaudhary, a 4th year Civil Engineering student qualified IAS-SRF examination for summer internship at IISc Bangalore.
 160. Two teams of BE Civil 3rd year students – one comprising the Anvit Kumar Mittal, Akshay singh Bisht, and Ansh Borthakur while the other of Ankush gupta, Ayush saxena and Amitabh aggarwal got selected for the zonal round of 3-D design challenge conducted by Autodesk.
 161. The 3rd year students team of Pragun Vinayak, Sanchit Bajaj, Vishal Kejriwal and Devendra Mittal got Second prize in paper presentation at cognizance at IIT roorkee technical festival in march 2014.

Annexure 5- NSS BITS Pilani activities

1. Literacy Program : NSS School started this semester on 6th of August. With the starting number of 45 kids we have reached a number of 104 students, which in itself is a record. The number of active volunteers this semester was 75. Various workshops were conducted for kids which consisted of sketching, colouring, origami, etc. Every alternate week these workshops were conducted and the other alternate week a test was conducted for every kid.

A new system was implemented to keep a record of each student's database, wherein every volunteer was instructed to visit his/her child's home and upload the data on google drive. Also, volunteers started a puzzle system where every alternate day a puzzle was put up on notice board and the children were required to think of a possible solution to it. The children could not take help from the volunteers and were supposed to solve it on their own. The student with maximum correct answers was given a present on the last day of school. In this way, volunteers kept it interesting coming to the school for children and not like monotonous school life.

Children develop a strong bond with the volunteers and this bond is further enhanced by celebration of various festival in the school. On Children's Day, a fun interactive session was organized, where games like kho-kho, kabaddi, football, etc were played in the school. Children thoroughly enjoyed antakshari, dancing and charades.

The school was closed on 23rd of November. For the next semester it has been planned to organize an informative session by our teachers on child abuse and how to deal with it.

2. Computer Literacy Programme (CLP) : The Computer Literacy Programme (CLP) was carried out by National Service Scheme, BITS Pilani, in First Semester 2014-15 in Pilani and neighbouring areas, with the locations where the programme was carried out being as follows:

A. Pilani Resource Centre, Harinagar : The Pilani Resource Centre (PRC), located in the vicinity of the campus, has a well-equipped computer lab with a total of ten computers. Established jointly by BITSAA, the alumni association of BITS Pilani and Pratham, an NGO which functions at an all-India level, it is ideal for holding computer classes as the staff members provide support to carry out the programme there. Based on earlier experience and results, batches were planned to be held six days a week in the form of two slots, viz. one for girl students and students from class 6 and 7, and the other for students of higher classes (including college-going students). The first slot's timings were 5:30 PM to 6:30 PM and the second slot's timings were 6:30 PM to 7:30 PM. Overall, these slots catered to a total of 100 students throughout the semester.

B. B S Saboo School, Pilani : The B S Saboo School, located at a distance of 1.5 Km from the campus, is another location where computer classes were held. Students of classes 9 and 10 were taught during school hours (in the time slot of 12 PM to 1 PM) thrice a week and were encouraged to attend classes in the evening in PRC so as to learn further. The school's computer lab (equipped with 8 computers) was used for teaching the students in a hands-on manner. The programme had an impact on around 50 students through this slot.

C. Raila village : Raila, a village located around 2 Km from Pilani, is also one of the places where the CLP functioned this semester. A government school in Raila was well-equipped with 4 computers but a shortage of teachers forced the principal to shut down the lab. On being approached by NSS, the principal expressed his willingness to hold computer classes in the school for those interested in learning. Thus, the CLP was extended to this village. Classes were held from 3 PM to 4 PM, thrice a week (after school hours) in the computer lab, and all the residents of the village were open to attend. Around 50 students have had a good exposure to computers through this initiative.

The topics covered include the basics of computers, typing, file-handling operations on an OS, MS-Paint, MS-Word, and MS-PowerPoint, to an extent. The content was taught by verbal means along with some visual aids in the form of demonstrations using a projector, showing tutorial videos on the volunteers' laptops, notes, etc.

3. Health and Public Awareness (HPA) : Health and Public Awareness focuses on making the people aware about the government policies and how to get maximum benefit from them. It also tries to uplift their life by making them aware about diseases by conducting various camps and surveys like general health assessment survey and camp, sanitary health camp etc.

Considering the objectives, a lot of activities were taken up, this semester, in Raila village which is located 2km from Pilani. Some of the activities were 'Tree plantation', health survey, Raila school project, RTE seminar, health workshop, etc.

In tree plantation camp, 70 saplings were planted in almost in every part of the Raila village. Health survey was conducted before health camp in which a doctor from outside visited the village and medicines were distributed accordingly. The result that came out to be was much of a concern. Health

survey indicated the need of increase the quality of drinking water rather than the check up. Raila school project has been initiated to provide children of Raila with firm foundations in every subject along with ethical values. There are three visits per week by the volunteers to the Village. RTE seminar was an attempt to aware villagers about the article RIGHT TO EDUCATION act.

4. Special Events

A. Junoon(7th-8th September 2014) : The third edition of the sports fest for especially abled, Junoon was organized in BITS Pilani – Pilani Campus on 7th and 8th September. The fest saw a participation of over 180 people from 8 different NGOs. The NGOs based in 5 different locations – Pilani, Jhunjhunu, Chirawa, Jaipur and Delhi were Amla Birla Kendra, Asha KaJharna, AkshayPratishthan, Disha, Muskaan, Handicapped Children Rehabilitation Association, Navjyoti and AarthAsthA. Several events like cricket, basketball, badminton, Bocce, athletics (races, shotput, softball etc.) were hosted.

The two days event was graced by Dr. Satender Singh, medical doctor at the University College of Medical Sciences and Guru TeghBahadur Hospital, Delhi and a disability activist.

With a decent BITSian participation, the fest saw the fulfilment of its motive.

At the end of the event, the NGOs were felicitated by the Vice Chancellor Prof. B.N. Jain and Director Dr. G. Raghurama.

B. Cleanliness Drive (27th September 2014) : With an aim to mobilize BITSians and aware them about the value of cleanliness, an intra-campus Cleanliness Drive was organized on 27th September. The drive was graced by Vice Chancellor Prof. B.N. Jain and Director Dr. G. Raghurama. The event saw commendable participation from teaching staff, non-teaching staff and students. The route plan covered the entire campus and was able to attract the viewers in huge number. The President and General Secretary of student union along with few representative were also present. The drive, on its successful execution saw the felicitation of the team by the Director.

C. NSS Oasis Stall (31st Oct – 4th Nov 2014) : NSS BITS PILANI organizes NSS Oasis Stall during Oasis which is a four day cultural fest of BITS Pilani. It aims to promote NGOs and spread awareness about them by showcasing their products. NSS Oasis Stall 2014 exhibited products of 15 NGOs like Amla Birla Kendra, Women Synergy, WWF, MESH, etcfrom Delhi, Jaipur and Pilani.

D. Run for Unity (31st Oct 2014) : “Run for Unity” was organized by NSS BITS Pilani on 31st Oct 2014 on the occasion of birth anniversary of SardarVallabhbai Patel. There were around 70 participants including faculty members. Firstly a pledge was administrated by the Director Dr. G. Raghurama followed by a floral tribute at the SardarVallabhbai Patel Statue. Then the run was flagged off and the participants took one round of the New Academic Building.

E. Blood Donation Camp (7th February 2015- 8th February 2015) : NSS BITS Pilani is involved in conducting Blood donation camp every year in collaboration with Indian Red Cross Society. With aim of spreading awareness, NSS BITS Pilani has been successfully collecting large number of units of blood every year. Last year, there was a collection of more than 800 units of blood. NSS BITS Pilani was also awarded for its outstanding and consistent performance in organising BDC over the year.

F. Youth Conference (13th Feb 2015-15th Feb 2015)

NSS, BITS Pilani is organizing second Edition of Youth Conference from 13th Feb-15th Feb. It encourages different NSS chapters across the nation to assemble and focus over solving some of the issues plaguing our country. Last year's edition saw over 200 delegates and participants. Second edition promises to be better in terms of quality, content and participation.

G. Dhiti (Last week of March, 2015) : Last event of academic year, Dhiti is organized as a part of Technical Festival of BITS Pilani. It takes place in the form of competition where participants are asked to submit technologically feasible solution to an already existing social problem. Previous editions of Dhiti saw extensive and encouraging participation and are expected to continue in the upcoming year as well.

Annexure 5 - BEST PRACTICES

Format of Best Practice: 1. *Curriculum Redesign*

1. Title of the Practice: Curriculum Redesign

2. Objectives of the Practice Process: One aspect of the philosophy of BITS is that a curriculum should be dynamic (i.e. adaptive to external changes), flexible (offer enough options for students), and customizable (i.e. teachers can bring in their expertise and adapt it to a context). With this in mind, BITS enables continual assessment and frequent revision of the curriculum without losing its rigor. Feedback from students, teachers, employers, and external experts from academia / industry is incorporated into the curriculum at different levels of granularity at different intervals of time ensuring the curriculum is robust and nimble.

3. The Context: BITS is a student-centric University, enabling immediate employability of students while ensuring that they acquire life-long learning and adaptation skills makes it challenging to decide on content and pedagogy. Despite these constraints and the challenges BITS has managed to ensure that curricular changes are carried out in a timely and rigorous manner.

4. The Practice: In 2010, BITS Pilani evaluated the curriculum of each of its first degree programs in B.E. (Hons.), B.Pharm., M.Sc.(Hons.), and M.Sc.(Tech.) and higher degree programs in M.E., M.Pharm., and M.B.A. programs. The evaluation included a benchmarking exercise for each program against three top Universities in India and abroad in that discipline. Twelve different specializations in first degree and more than thirty different specializations in higher degree were benchmarked using a set of forty eight parameters under Program Structure, Course Content, and Pedagogy.

The benchmark results were used to synthesize an integrated curriculum for all first degree programs and a generic structure for higher degree programs. Subsequently, the details of the benchmark were used by the Departments to strengthen the curriculum in terms of its courses and contents. Pedagogic aspects were also improved across the board. The curriculum was rolled out from 2011-12 onwards and the first batch of first degree students graduated with the new curriculum in 2015.

The highlight of the process of redesign was the consultative exercise wherein about 120 faculty members across the four campuses were directly engaged in multiple rounds of workshops in

benchmarking, analyzing, and deciding the general structure and pedagogic elements of the curriculum. Subsequently, about 200 faculty members designed the discipline specific courses and content across multiple departments and programs offered.

The impact of the curriculum has resulted in increased depth of specialization / discipline specific courses in the first degree curriculum without compromising the integrated nature and cross-disciplinary philosophy of education at BITS Pilani. Specific highlights of the new curriculum include increased Humanities requirements for all first degree students, more elective choices for students, increased emphasis on practical / hands-on learning, increased emphasis on open assessment practices such as take-home assignments, seminars, literature survey, team work and other aspects. A more systematic process of feedback and review is carried out over a longer period of time. Every few years, visiting committees (per Department) of experts from other academic institutions visits and assess the Department (across the campuses of BITS) for its faculty strength, research, teaching, and institutional processes. This was carried out in August to October 2013.

Besides the above we have also started a process of external review of curriculum by experts from academia and industry for each Department. This is currently going on since August 2015.

BITS has also been engaging consultants to interact with and elicit views from potential / current employers of our on-campus / off-campus students regarding their expectations from our students, their assessment of qualities of our students such as preparedness, domain-specific skills, and intellectual / professional adaptability.

The above feedback mechanisms are importantly supported by student feedback per course in each semester and instructor experience. Feedback is then distilled and curated into structural, content, and pedagogic requirements for the curriculum.

5. Evidence of Success The impact of the curriculum redesign processes has been validated by student feedback as well as external feedback through different channels. It is found that:

- Employer feedback and responsiveness has been improving.
- Sustained and high-quality employment opportunities and offers for our students that withstand market fluctuation.
- Feedback from external reviewers has been strongly positive.

6. Problems Encountered and Resources Required

- The process is highly man-power (i.e. faculty time) intensive.
- Engaging external agencies introduces noise that is not always easy to filter.
- While the curriculum is robust and nimble, it is not easy to forecast success of such revisions.

Annexure 6 – BEST PRACTICES

Format of Best Practice: 2. *Industry Engagement as a curricular aspect*

1. Title of the Practice: Industry Engagement as a curricular aspect:

2. Objective of the practice

BITS has an educational philosophy that establishes a dialectical link between theory and practice. The university curriculum is continuously being innovated upon and refreshed to reflect the latest developments in technology and trends within industry. Pure academics are supplemented by pervasive industry engagement through the Practice School.

3. The Context

BITS is an Institution of national repute with a mission to advance knowledge and educate students in science, technology, and other areas of scholarship that will best serve the nation and the world in the 21st century. It is one of the few universities that has created an institutionalized framework for achieving a vibrant environment that successfully inculcates an ambience for experiential and cooperative learning and education.

4. The Practice BITS has introduced industry internship as integral part of its curriculum. Each student has to do an industry internship of seven and half months before he graduates. The PS programme in the BITS curriculum has two components, namely PS-I of two months duration implemented during the summer following the 2nd year and PS-II of five and a half months duration implemented during either of the semesters of the final year. The academic curriculum of BITS takes the classroom for a specified period to a professional location where the students and the faculty along with the industry experts get involved in real life problems.

Practice School Programme of BITS has been successfully implemented for the last three decades. The planning process for Practice School begins almost one year in advance. The various steps include (i) deciding the list of eligible students (ii) carrying out a demographic analysis to establish region wise targets for the number of stations and seats, (iii) identifying list of assignments through Problem banks (iv) confirming the continuation of existing stations and initiating new stations. This ensures that an adequate number of suitable projects are available from the various organizations (existing and new) to comfortably accommodate all the students. Based on this information, the students submit their preferences for the various projects and organizations. The allotment of students is done on the basis of the CGPA of the students, by matching the project requirements with students' profiles, keeping the preferences and the merit of the students in view along with any particular requirements specified by the organizations. Practice School stations are spread throughout India and abroad covering various sectors.

5. Evidence of Success

BITS, Pilani model of education has a structured method for integrating education with practical work experience and accommodates an enriched environment of multiple learning levels and schedules for all its partners.

- Started in 1973; expanded exponentially from 4 students to 2500 students;
- More than 400 organizations participate in Practice School Programme
- Continuing successfully from last four decades;
- Covers all disciplines;
- Practice school stations across the country and abroad;

- 100% students participate in PS;
- Average stipend paid by industries to students is around 20K.
- Replicated in other universities

Through the PS initiative, nearly 10000 students per annum are likely to gain industry exposure in more than 1000 industries and be employment ready by 2030.

6. Problems Encountered and Resources Required:

For continued success with increasing number of campuses and students it is important to have:

a) Participation of adequate number of organizations: BITS has forged strategic partnerships that focus on one or straddle multiple areas through focused efforts on sustained industry engagement over the years. This has ensured mutually beneficial relationship from committed organizations spread across the country and abroad.

b) Participation and sustained commitment and dedication of faculty members

c) Active Student Participation

d) Monetary Resources

Annexure 7 -Welfare schemes available for teaching and non- teaching staff

- Education Fee Reimbursement Policy: Employee, children, spouse are eligible for support for education where significant amount of tuition fees, etc. are reimbursed by the institute up to 90 %.
- Medical expense reimbursement Policy: Medical attendance and treatment including reimbursement of medical expenses (up to 90 %) incurred by the members of the staff on themselves and their families are covered under a separate medical reimbursement policy for in-patients /out-patients. In addition, all campuses have an in-house medical centre with competent physicians, para-medical staff to attend to immediate needs and small emergencies. The institute also has tie-ups with specialty and major hospitals nearby campuses for priority treatment of BITS staff and students whenever they are referred to higher centres. State of the art ambulance(s) are also available in –house or on call.
- Subsidized Accommodation on campus: All faculty and staff are provided accommodation on campus as per availability. All campuses (except Dubai) provide accommodation for all employees within the campuses they are fully residential.. In cases where it is not possible for the Institute to provide accommodation within campuses, temporary arrangements are made to house them in identified housing outside campus with arrangement for their transport to campus and back. Future expansion plans to accommodate faculty and staff within campuses as per growth plans are in the pipeline. In case of Dubai campus, where it is not possible to own land for construction of housing complex by the Institute, HRA is extended as per rules.
- Loans (housing, computer, furniture [interest free], vehicle)
All employees are eligible for aforementioned facilities as per defined guidelines.

- In addition to the above, all employees are also eligible for PF, Gratuity, Casual/special/vacation leave, leave travel concessions, TA/DA, as per Institutional norms defined elsewhere.

All the faculty and staff utilize most of these facilities on an annual basis as per eligibility and guidelines of the Institute

Annexure 8 -SPORTS & CULTURAL ACTIVITIES

- PILANI CAMPUS
- The names of the captains for various games/sports are given below

• Athletics (boys)	• Shashank Baveja
• Athletics (Girls)	• Shambhavi Mehrotra
• Badminton (Boys)	• Nimit Kothari
• Badminton (Girls)	• Ishita Kataria
• Basketball (Boys)	• Surya Pratap Singh
• Basketball (Girls)	• Riddhi Jain
• Carrom	• Saketh
• Chess	• Tejas Panyam
• Cricket	• Shaleen Manocha
• Football	• Rishabh Kumar
• Hockey	• Milind Sah
• Lawn Tennis (Boys)	• Pallav Jindal
• Lawn Tennis (Girls)	• Shiuli Das
• Power Lifting	• Manupal
• Squash	• Siddhansh Agarwal
• Swimming (Boys)	• Revanth Kaza
• Swimming (Girls)	• Sneha Kumar
• Table Tennis (Boys)	• Kartik Singhal
• Table Tennis (Girls)	• Ritika
• Volleyball (Boys)	• K.S Dhrona
• Volleyball (Girls)	• Vishakha Gupta
• Taekwon-do	• Pulkit Dubey
- Sports Events organized during 2014
- BITS Open Sports Meet
- The BITS Open Sports Meet (BOSM) was conducted successfully from 19th to 23rd September 2014. As in the past the institute organized an intensive coaching camp from 5th to 18th September 2014. Rajasthan State coaches were invited to prepare Institute's teams in various events. More than 1200 outstation students from all over the country

participated in the meet. The meet was characterized as having displayed sportsmanship spirit and was full enthusiasm.

- The Intra-BITS Sports Meet was conducted during Second Semester 2013-2014 (1st to 15th April 2014) and the valedictory function was conducted on 21st April 2014, with enthusiastic participation from more than 1000 students. The winners were awarded with trophies and certificates.
- Outstation Participation
- Various sports teams consisting 64 students were sent to participate in Spardha'14 a Sports Meet held at IITBHU, Varanasi during 20th to 23rd Feb 2014. 52 students of certain sports went to MNIT Jaipur to take part in MST 14 from 18th to 20th February.
- Swimming Club :The Swimming team distinguished itself by its performance in BOSM 2014 winning by 9 Gold, 12 Silver, and 15 Bronze Medals.
- Health Club :The Health Club is equipped with various advanced machines for aerobic and anaerobic exercises. During II Semester 2013-2014, the Health Club had a membership of 800 while in I Semester 2014-2015 it was 946.
- Martial Arts :Martial Arts classes are conducted for the benefit of students at Students Activities Center. Around 40 students attended the classes regularly. Out of these, 20 students have learned the competitive skills of Martial Arts. Martial Arts women team(Taekwondo) first time participated in BOSM 2014 and won 3 medals.
- Hockey Camp :A camp on learning basic skills in Hockey was conducted by Sports Club from 17th Feb. 2014 to 22nd Feb. 2014 in which a total of 65 students were registered and 43 students regularly attended the same. The certificate-giving Ceremony was held at the end of the semester. Annual Report 2014 BITS Pilani, Pilani Campus.
- Tennis Camp : A camp on learning basic skills in Tennis was conducted by Sports Club from 20th March 2014 to 25th March 2014 in which a total of 75 students were registered and 50 students regularly attended the same. The certificate-giving Ceremony was held at the end of the semester.
- Goa Campus
SPREE 2014
- The Institute's Cricket team won the finals; Badminton and Chess team was runner ups in SPREE 2014.
- The football team won the GFA All Goa 3rd Division League and got promoted to 2nd division. The team was also runner up in SPREE 2014
- BITS, Pilani - K. K. Birla Goa Campus were overall runner-up in SPREE 2014 national sports festival.
- OPEN TOURNAMENT
- The Basketball team was runner-up in the All Goa Inter Collegiate Basketball Open Tournament organized by Don Bosco Oratory Panjim, in October 2014. The Tennis team won the Open Championship at Panjim, organized by Gasper Dias.
- One of our students Master Ramdas won the U-19 All Goa Badminton Tournament organized by Margao Club, and Hargun Oberoi won Cross Country championships.

- STATE REPRESENTATION
 - Shiv Sharma represented Goa U-22 State Cricket team in South Zone P. Ramchandra Rao Trophy 2014.
 - SAC also celebrated National Sports Day; Chief Guest for the function was Shadab Jakati (IPL Player –RCB & CSK).
 - Run for unity marathon was conducted on the occasion of Sardar Vallabai Patel Birthday as a mark of respect to him as he was the symbol of unity and peace.
 - SAC had also organized inter department BITS Community Cricket tournament for the student and staff.
 - As per the MOU signed between the Institute and GCA, interstate and BCCI matches like Ranji Trophy, Col.C.K.Nayudu, Cooch-Behar, Vijay Hazare and Vijay merchant Trophy are conducted at the cricket ground. Also, regular training sessions of the Salgaocar I league champion team are conducted at our football ground.
- Hyderabad Campus
- Arena
 - First National wide Sports Festival ARENA-2013 was conducted on April 5, 6 & 7th with participation of 35 colleges in various events like Foot Ball, Volley Ball, Basket Ball and Tennis.
 - ARENA is the annual sports festival of BITS-Pilani Hyderabad campus was conducted on Jan30th to Feb 2nd. Arena was launched to bring out the sporting spirit in students from different parts of the country, and to create an opportunity for them to take part in various sporting disciplines, over a period of three days. Arena'14 saw around 2400 participants from all across the nation participating in many indoor and outdoor sports events, held for both boys and girls. There was a footfall of 4500. The fest offered a comprehensive entertainment and sportive atmosphere, not only competitions but also extravagant entertainment and professional shows.
- Dubai Campus
- Inter-Year Boxing Championship and Annual sports day, Inter-Year Prize Distribution Ceremony: On 16th May organized Mega event Boxing Finals followed by sports awards ceremony for the academic year 2013 - 2014. Medals were handed out to the winners of the intra-university sports events including field and track events, cricket, throw-ball, volleyball, football, badminton, chess and table tennis. Director Dr. R.N. Saha presided the ceremony as the chief guest and gave away the prizes.
 - Inter-University Tournaments:
 - 1 November 2014, BITS Pilani, Dubai Campus Football, Cricket, Volleyball, Basketball, Badminton and Athletics (Boys and Girls) teams participated in DIAC Cup Inter University Tournament organized by Dubai International Academic City student hub. BPDC girls Basket Ball, Badminton girls and Athletics teams turned out to be the runner ups for their respective events.

- March 17-21, 2014, BITS Pilani, Dubai Campus Throwball (Girls), Football, Cricket, Volleyball, Basketball, Badminton, Table Tennis, Squash, Tennis, Swimming and Athletics (Boys and Girls) participated in GMU Sports Festival Inter University Tournament organized by Gulf Medical University and secured first place in Cricket (Boys & Girls), Throw ball (Girls), Badminton (Boys & Girls), Table-tennis (Boys & Girls), Squash (Girls) and Tennis. BPDC teams won the Overall Championship.
- From April 21-24, 2014, Badminton, Table Tennis, Squash and Tennis (Boys and Girls) participated in AUS Racket Inter University Tournament organized by American University of Sharjah and Secured overall championship.
- Team Selections for participating in Inter University Tournament:
- From 5-15 September 2014, Inter Year and college team selection as well as conducted coaching camps for Football, Basketball (Boys & Girls), Volleyball (Boys & Girls), Table Tennis (Boys & Girls), Badminton (Boys & Girls), Throw-ball (Girls) and Chess (Boys & Girls) were held and the team for various inter-university tournaments were made.
- Athletics Inter-Year: Inter-Year Athletics tournament was held on 14 October 2014 at Dubai Men's College and athletes participated in 100M (boys & girls) 200M (boys & girls) 800m (boys & girls) 1500M (boys & girls) 400M(boys & girls) 4 x 100 M(boys & girls) Long Jump (boys & girls).
- BITS Sports Festival (BSF) 2014 was also organized by the club.

- CULTURAL ACTIVITIES

- JASHN 2014: An Inter college cultural festival 'JASHN 2014' was held during 22-24 April 2014. The various clubs of BITS Pilani, Dubai Campus organized different events during the cultural fest which comprised of dance, drama, music, literary and art events to name a few. Participants included students from American University of Sharjah, American University of Dubai, BITRAK, Manipal University, Middlesex University, and Canadian University of Dubai, Amity University, IMT and Herriot Watt University. The prize distribution ceremony was held in the presence of the Director Prof. Dr. R. N. Saha. BITS Pilani, Dubai Campus were crowned overall champions of the inter college cultural festival for the year 2014.
- Hostel Week Celebrations: Hostel Week "Recharge" was celebrated in the Dubai Campus between the 5th and 8th of May 2014, with a lot of fanfare. A special menu was prepared for the week for hostel students. Fun activities like Antakshri, Tambola, Kho Kho, Bathroom singing and many outdoor sports were organized. Indoor activities such as chess, carom, badminton and table tennis were organized as well. There was a huge response and participation involved by the hostel students, wardens and the staff. On the final day of the celebrations, a programme was organized in the auditorium. Prizes were distributed to the winners of the various events and various hostel students displayed their skills by dancing and singing on stage. The hostel staff was also honored during the event. A grand Buffet dinner was organized after the closing ceremony which marked the end of the celebrations.
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- Farewell Party: The 'DIROS Tea Party', a farewell party to the passing batch was organized by the Alumni Cell on 22nd of May 2014. The event began with department photographs being clicked with the respective department faculty. A programme was then organized in

the auditorium to bid farewell to the graduating students. Around 320 students of the graduating batch and faculty members attended the ceremony. A dance performance by the Dance Club and music performance by Dr. Rafiuddin and the music club entertained the gathering. A lot of fun games were arranged and gift vouchers were awarded to the winners of the games. A 15 kg cake was cut by the students. The farewell ended with a dinner and on an emotional note.

- **Welcome Party:** The Fresher's Welcome Party named "Ice-Breakers" was held on 18th September 2014. It was organized by the senior students of the college to welcome the new batch of students of 2014. The event began with students of the new batch breaking ice blocks with a sledge hammer. Dance and music events by the senior students entertained the gathering and students from the new batch were encouraged to display their skills on stage voluntarily. To conclude the welcome party in the auditorium a cake was cut. Refreshments were distributed to all attendees of the event.
- **SPARKS 2014:** Sparks 2014, an intra-college cultural event was held during 22-23 October, 2014. The event comprised of competitions held in the auditorium and were organized by the Dance Club, the Drama Club and the Music Club. The dance competition for the fest was divided into 3 categories: Western Group Dance, Eastern Group Dance and Dancing Doubles. There were drama events like Impulse and Street Play. Music events like Eastern and Western rounds of Solo and Duet singing, Instrumental Music and Battle of Bands. There were many brilliant performances that left the audience awestruck. All the judges were amazed at the splendid performances of the students and the hard work, effort and time put in to making this event a success was both prominent and commendable. Certificates of Merit were awarded to the top two performers / teams in each of the competitions. A food stall was also set up by the Student Council to tickle the taste buds of the students.
- **Ethnic Day:** Ethnic Day is organized every year to celebrate the Foundation Day of BITS Pilani, Dubai Campus. The celebrations were held on the 5th of November 2014 at the campus. Students dressed up in ethnic wear on the day and an event was organized in the auditorium from 2:00 PM to 4:00 PM. The programme began with the lighting of the "diya" and the Director's address. Dance and music performances by students and the staff enthralled the audience. Several On-the-Spot competitions were conducted that were open to all students and faculty members and prizes were given to the winners. Mr. Ethnic and Ms. Ethnic were announced after a few rounds of contest.
- **NSS Oasis Stall (31st Oct – 4th Nov 2014)** NSS BITS PILANI organizes NSS Oasis Stall during Oasis which is a four day cultural fest of BITS Pilani. It aims to promote NGOs and spread awareness about them by showcasing their products. NSS Oasis Stall 2014 exhibited products of 15 NGOs like Amla Birla Kendra, Women Synergy, WWF, MESH, etc from Delhi, Jaipur and Pilani.

- OASIS2014
- BITS Pilani celebrated the 44th edition OASIS, its annual cultural festival from 31st November to 4th December 2014. This festival, managed entirely by the students, was mainly sponsored by LAVA, Century Pulp and paper. It attracted about 1500 outstation participants from about 60 colleges situated all over the country. The festival hosted as many as 75 events which were based on music, art, dance, photography, drama, literature and every other cultural aspect of the college life. The theme of the festival was 'That 90s Show'.
- The music concerts by Mr. Benny Dayal, The Raghu Dixit Project, a DJ night by Sunburn and a comedy show featuring East India Comedy were among the several highlights of the festival. The festival also witnessed a talk by Dr. Kiran Bedi and various workshops of dance, music and pottery. Events like Desert Duel, street plays, fashion parade, Mr. and Ms. Oasis, Oasis Debate, BLAB etc. caught the limelight as students from all over the country were able to stage and showcase their talents.
- The National Service Scheme and NIRMAAN along with several NGOs set up an exhibition for the sale of village potteries, garments and other handcrafts. In the words of Mr. Praneeth, The President of The Students' Union, " OASIS is a 96 hour long cultural extravaganza entirely organized by students and is one of the best cultural festivals in Asia".
- Renaissance 2014
For the first time, An Inter Bhawan Cultural Competition was conducted from 19th November to 27th November. With a huge participation the competitive spirit was evident from the enthusiasm from the Students. The Culturals ensured that the extracurricular factor was well covered with the academics on campus.
- Shangri-La 2014:
The Auditorium was put to its fullest use with its grandeur on display as it displayed the campus by hosting the Dance Night, Music Night and the Theatre Night on three different days. The Arena Trailer, Verba Maximus Trailer and the Pearl Theme was released as part of the Grandest Shangri La 2014.
- Pearl 2014
Pearl, the annual National Cultural Festival entered the 4th edition. With headlining acts by Wolfmother and Javed Ali, Pearl has now become a fest of National repute. With almost 2000 students participating in it, Pearl is one of the most sought after festivals in India. March 6th - March 9th 2014. The headlining acts were:
 - 1. Classical Performance by Ganesh Kumaresh
 - 2. International Rock Show by Grammy award winning Wolfmother
 - 3. Bollywood Show by Javed Ali
 - 4. DJ night by Electrovertz.

Achievements

- Badminton (Girls) Winner – BITS Hyderabad
- Power-lifting- Runner-up – BITS Pilani
- Hockey (Boys) - Runner-up – BITS Pilani
- Swimming (Boys) - Winner – BITS, Pilani
- Swimming (Girls) Winner – BITS, Pilani
- Table Tennis (Boys) Winner – BITS Pilani
- Table Tennis (Girls) Winner – BITS Pilani / Runner-up – BITS Hyderabad
- Volleyball (Girls) - Runner-up – BITS Pilani
- Cricket- Runner-up – BITS Pilani
- Chess Winner – BITS Pilani
- Tennis (Girls) - Runner-up – BITS Pilani
- Carrom Winner – BITS Pilani
- Awards and recognitions won by students: In BOSM -2014
 - - Badminton Girls Team won 1 Gold
 - - Swimming Mr. Aishwary Joshi, ID No. 2014B1PS633H won 1 Gold and 1 Silver, Ms. Sakshi Gupta 2012B3PS713H won 2 Bronze, Mr. Surya Tej Boddu, 2012AB953H won 1 silver and Swimming team won 1 Silver
 - - Power Lifting : Mr. Imam Ali, 2012A1PS323H, was won 1 Silver Medal and 1 Silver in Power Lifting.
 - - The Table Tennis Girls team won Silver
 - - Mr. Kakarla Yogeswara Naidu, 2011AAPS082H won Gold medal in Javelin Throw
 - - The Football Team won Silver
 - - Athletics: Mr. Prajeeth Prabhu, 2012ABPS547H won 2 Bronze medals
- SMC Badminton Tournament - K Chandra Sekhar and Aakash Nair bagged Silver Medals in a doubles tournament conducted by SMC Sports Foundation in Hyderabad
- Old Guard Oral Presentation Competition (OGOPC): First Prize: Anomitra Banerjee (II year Mech) and will be participating in the finals at IMECE 2014.
- 5 Student Design Competition (SDC): First Prize: Akash Hathiramani (II YrMech), Puneet Khirwar. (II YrMech), Pranav Mohan (II YrMech), Animesh Bhasin (II year) and will be participating in the finals at IMECE 2014. Other participants from BPDC were for Student Design Competition: Mr. Ganesh Ram (II year Mech.), Vishank Bhatia (II year Mech.), Yashaan Cooper (II year Mech.) and for Old Guard Oral Presentation Competition: Avishek Goel (III year Mech.).
- Best idea prize : Tessa Ann John, Vidya Janarshan and Pranav Menon under the supervision of R. Udayakumar have won the prestigious, Best idea prize at Emirates Student Renewable Energy Competition conducted by the UAE University in which around twenty top universities take part in the year 2014. The title of the project was "Development of a solar mobile charger from the sunshade of the passenger cars and a novel way of utilising heat in the engine exhaust".

Annexure 9- Scholarships

Indian Campuses

Financial Assistance to Students: The Institute spent Rs. 410.78 lakhs on scholarships to staff children/spouse/self to cover the fees for education at the Institute and local schools. Further, 978 students received financial assistance of Rs. 518.53 lakhs from different sources, details of which are given below:

S. No.	Particulars	No. of Students	Amount in Rs.
1.	UGC PG Scholarship	0	0
2.	Students Aid Fund	87	780692
3.	Other States Scholarship	15	2026146
4.	Institute Merit Scholarship	98	9208650
5.	Institute Merit-cum-Need Scholarship	778	39837367
Total		978	51852855

Dubai Campus

746 students received financial assistance of AED 4,223,975/- under different categories for the Academic Year 2013-14, the details of which are given below:

S. No	Particulars	Students Nos.	Amount in AED
1	Institute Merit Scholarship	554	3,273,875
2	Higher Degree and Doctoral Scholarship	62	608,100
3	Need-based Scholarship (Physically challenged, Bereaved family discount)	1	5,250
4	Others (Staff, Siblings, Sports, Special Concessions)	41	336,750
Total		658	4,223,975

Annexure 10-Student Activities

Every campus provides space, material and equipment for sports, cultural and extracurricular activities available to students. Annual festivals are held in each of the campuses and are very popular with huge participation from students from colleges spread across the country

Pilani Campus <ul style="list-style-type: none">• BOSM - Annual Sports Festival• OASIS - Annual Cultural Festival• APOGEE - Annual Academic festival• Interface• Conquest	Hyderabad campus <ul style="list-style-type: none">• ARENA - Annual Sports Festival• PEARL - Annual Cultural Festival• ATMOS – Annual Academic festival
Goa campus <ul style="list-style-type: none">• SPREE - A Sports Festival• WAVES - A Cultural Festival• QUARK – Annual Academic festival	Dubai campus <ul style="list-style-type: none">• BSF - Annual Sports Festival• JASHN - Annual Cultural Festival• Tech Fest

Annexure 11- Social Initiatives

There are many social organizations actively working on campus like NIRMAAN, Udaan and Abhigyaan and SCIO in order to instil a sense of social fulfilment among students.

- **NATIONAL SERVICE SCHEME:** The Institute has a National Service Scheme (NSS) which enrolls about 200 students every year. NSS aims at developing amongst students a sense of participation in nation building through social work.
- **NIRMAAN:** Nirmaan Organization is a constructive citizen movement for an empowered India. This social Organization founded on 12th February, 2005 by a group of BITS Pilani University Students is now spread over all the BITS campuses Pilani, Hyderabad and Goa and also with full time chapters in Bengaluru and Hyderabad. Nirmaan has been phenomenal in creating greater impact in areas of educational initiatives, livelihood opportunities and socio-technological sectors. Currently the Nirmaan workforce stands at 1200 across India and corporate chapters at US, UK and Singapore.
- **Udaan:** It work for women workers is centered on three Es: Enlighten, Empower, and Engage. They aim to do this by teaching them arithmetic, alphabets, skills, and ideas to make them socially confident and aware.

- **ABHIGYAN:** It works towards the well-being of the people who work hard to make our lives at Goa Campus comfortable. Besides teaching the mess workers and security guards the rudiments of Maths, English and the sciences, they also teach their children.
- **Scio Foundation:** Scio is a non profit organisation that aims at forming a support structure for the current education system. In view of the current choices that students make, succumbing to peer and parental pressure, the need for an unbiased voice is really felt. They intend to reach out to students and counsel them to so that they can choose their career paths wisely.

List of social outreach programmes

Campus	Event	Remarks
Pilani	NSS School	NSS volunteers of the campus cater to the needs and development of students in Pilani regarding regular academics, improving on their English speaking, basics in mathematics and science works in slots of one hour in the evening every day from Monday to Saturday.
Pilani	UDAAN,	Organized where students of various schools participated in different kinds of cultural events.
Pilani	Computer Literacy Program(CLP)	Through NSS scheme students taught the basics of computers to the locals of Pilani
Pilani	English and personality development	Taught basic spoken English and basic etiquettes
Pilani	Junoon	Two day Sports events like Cricket, Volleyball, Basketball, Badminton and various others for special child. Organized unified BOCCEE in association with ESPN, a major sports channel in India for people with special needs
Pilani	Oasis Stall	To promote the work of over 12 NGOs across the nation. The NGO's whose products were kept on sale are FOUR STEPS, GOONJ, KRITI, MESH, MUSKAAN, PARICHAY, TAP FOUNDATION, TENDER

		HEART, WOMEN SYNERGY, WWF, PRATHAM.
Pilani	Blood Donation Camp	over 1200 people volunteered for blood donation, 951 units of blood were collected.
Pilani	DHITI	Numerous NGOs across India were contacted for problem statements which were given out to the student community nationwide. The solutions received were scrutinized with the help of professors and the winners were chosen based on their presentations
Pilani	RTE Seminar	focus of the seminar was section 12 of RTE Act so people could know about the benefits they could seek
Pilani	Cleanliness Drive in	participated and gave a good start to the Prime Minister's Swach Bharat Mission.
Pilani	Raila Camp	The main objective was to get the basic right first. Mathematics was the main field of concentration with fun sessions of English at times.
Pilani	tree plantation camp	Spread awareness about the importance of trees and make the area greener and healthier.
Pilani	Agriculture Camp:	Conducted survey to know the situation of agriculture. Soil samples were collected and sent to the laboratories for details and results were conveyed to the villagers along with effective ways to help them improve their productivity and utilize the soil and climatic conditions to the fullest
Pilani	Matru Suraksha Camp	Conducted survey to know the situation of prenatal and post natal care.
Pilani	Health Camp	A general Health camp was organized for the people of Raila and health related issues were attend and medicines were provided free of cost.
Pilani	GCHARINDA	The objectives were to find the health conditions, Medicines and facilities available and spread awareness about general treatment methods.
Pilani	Women Sanitation Camp	Aimed to find the details about the villagers and their living conditions and information about good eating and living habits were given
Pilani	GHUMANSAR Camp	to impart the basic knowledge of computers and its operating skills to the students studying in schools in and around the village.
Pilani	Parishod	Finding the living conditions, facilities available and problems related to water and electricity.
Pilani	General Survey	The survey showed that the water is having high fluoride content and many other impurities. Also the electricity was quite irregular and hence this problem was quite prevalent in these villages. The rest of the year, probable solutions were searched for and the feasibility measured
Pilani	Women Health camp	Spreading awareness about menstrual problems and distribution of sanitary Napkins.

Pilani	Jherli camp	BITS Pilani has been closely associated with the village of Jherli for the past five years and has played a minor but important role in the development of villages.
Pilani	HARINAGAR Camp	School Students are made familiar with a Computer and are provided the Basic knowledge of various features of MS Word, MS PowerPoint, MS Excel and Internet.
Hyderabad	World water Day	Water quiz was conducted
Hyderabad	Immunization and Blood Donation Camps	Conducted in Thimmapur and Devar Yemjal villages along with student volunteers
Hyderabad	Fluorosis and	Conducted in Pothayapalli and Adraspalli village with 85 volunteers
	General Check up Camp	
Hyderabad	IGNITE	Educating the children of construction workers at BITS Pilani, Hyderabad
Hyderabad	Carbon footprint free	Street Lights donated to Village Lakshmapur. Mass tree plantation was conducted
Hyderabad	Earth Hour	Was held in Hyderabad Campus
Hyderabad	SAHARA	Initiative to collect old clothes & stationery
Hyderabad	Marshal Arts Training	53 kids were trained
Hyderabad	Painting	The volunteers have painted the govt school in the adopted villages
Hyderabad	Voter Registration Drive	successfully registered 523 voters
Hyderabad	Carbon Foot Printing workshop	Renowned researcher and environmentalist, Mr. Sagar Dhara of CERENA foundation was the speaker of the day. The workshop was primarily focused on carbon foot printing calculation, result analysis and methods to reduce carbon footprints.
Hyderabad	Adoption of Thumkunta Village	NSS volunteers are teaching English & personality development for 8th and 9th students.
Hyderabad	Swatch Bharath campaign	Promoted cleanliness drive in the adopted villages and volunteers created awareness among the villagers

Hyderabad	Manthan	aims to provide a platform for various student run or student led Non-Governmental Organization and Social Enterprises to display their work, ideas and share their successes and efforts in the social sector with fellow student run NGOs, CSR wings in various Corporate Firms
Hyderabad	Environment and Animal Welfare Society	improve the waste disposal system Plastics dustbin providing Dump ALL and Biodegradable dustbin
Hyderabad	VIHANG	A sporting festival for the government school kids. Three , government schools participated in this event. Teachers were very supportive in organizing the event and kids were very enthusiastic in participation
Hyderabad	Veda	Aim of the fest was to expose the students to a vast amount of information and content that will help them to make a well-assessed career choice. Veda is being conducted since four years in the campus
Hyderabad	Vaidya- Medical Camp	Conducted by SCIO volunteers in association with Apollo hospitals in premises of the primary school, at Lakshmapur.
Hyderabad	Campus Tour	Students along with teachers of various schools in Hyderabad were invited to the campus. Students were delighted to know about the different branches available in engineering and their future prospects.
Hyderabad	VIDYA	organize career guidance workshops for the high school students to motivate them to pursue higher education and reduce the number of drop-outs in government schools
Dubai	Daan Utsav	The joy of giving week where several events were hosted which includes, a fund raiser Dandiya Night, the institute clean up drive, a thanks giving day for the supporting staffs, cloth collection drive and a day of interaction with special needs children.
Dubai	Pink Day	Breast Cancer Awareness Program
Goa	Udaan	They aim to do this by teaching them arithmetic, alphabets, skills, and ideas to make them socially confident and aware.
Goa s	Abhigyan	It works towards the well-being of the people who work hard to make our lives at Goa Campus comfortable. Besides teaching the mess workers and security guards the rudiments of Maths, English and the sciences, they also teach their children.

Annexure 12- List of MOU's

1.	Concordia University, Montreal, Quebec, Canada
2.	Cybage Software Private Limited, Pune
3.	Technische Universitat Braunschweig, Germany
4.	*Cypress Semiconductor Corporation, SAN JOSE, CA, USA
5.	Faculty of Engineering and Graduate School of Science & Technology, Kumamoto University, Japan
6.	Austria microsystems – India Design Centre, Hyderabad
7.	Powerwave Technologies, Hyderabad
8.	Central Electronics and Engineering Research Institute, Pilani
9.	Carleton University, Ottawa, Canada
10.	Eaton Technologies Private Limited, Pune
11.	University of Savoie, Chambéry Cédex, France
12.	Integrated Headquarters of Ministry of Defence (Army), New Delhi.
13.	(a) University Health Network, Toronto, Canada; (b) Therapure Biopharma Inc., Mississauga, Canada; (c) International Center for Genetic Engineering and Biotechnology, New Delhi; and (d) LifeCare Innovations (Pvt) Ltd., Gurgaon, India.
14.	Tata AutoComp Systems Limited, Pune
15.	Aegis Centre for Entrepreneurship (ACE), Gurgaon

16.	Satyam Computer Services Limited, Hyderabad
17.	John Deere India Private Limited, Pune
18.	La Trobe University, Melbourne, Australia
19.	ETA Network of Education & Training, Dubai, UAE
20.	Bharat Dynamics Ltd., Hyderabad
21.	Avaya India Pvt. Ltd., Pune
22.	BMC Software India Pvt. Ltd., Pune
23.	University of Rhode Island, Rhode Island, Kingston, USA
24.	Mediciti Institute of Medical Sciences (MIMS), Hyderabad
25.	Mitacs Inc., Canada
26.	UOP India Pvt. Ltd., New Delhi
27.	International Center for Biosaline Agriculture (ICBA), Dubai
28.	Kirloskar Oil Engines Ltd., Pune

29.	USC Viterbi School of Engineering, USA
30.	RAK Medical & Health Sciences University, UAE
31.	New Mexico State University, USA
32.	Mahindra and Mahindra, Nagpur
33.	Tata Technologies Limited, Pune
34.	Vedanta Aluminium Limited, Jharsuguda
35.	"n+i" Network of Engineering Institutes, France
36.	SKF India Ltd., Mumbai
37.	Indian Naval Academy, Ezhimala
38.	Infotech Enterprises Limited, Hyderabad
39.	Cipla Limited, Mumbai
40.	Goa State Pollution Control Board, Panaji
41.	Pace University, New York
42.	INFLIBNET Centre, Gandhinagar
43.	NALSAR University of Law, Hyderabad
44.	Florida International University, Miami, Florida, USA
45.	IGATE Global Solutions Limited, Bangalore

46.	University College, Dublin, National University of Ireland Dublin
47.	Norwegian University of Life Science (NMBU), Norway
48.	AMSA Renal Care, Dubai
	Indian School of Business, Gachibowli, Hyderabad
	Macquarie University, Australia
	GE India Exports Private Limited, Hyderabad
	Michigan State University, College of Engineering Michigan, USA
	National Institute of Wind Energy (NIWE), Chennai
	The University of Wisconsin- Madison, USA
	University of Tartu, Estonia
	National Institute of Wind Energy (NIWE), Chennai
	The University of Wisconsin- Madison, USA
	University of Tartu, Estonia

ANNEXURE 13 –FEEDBACK

“BITS Pilani is a second home to my son and has transformed him into an individual with high intellectual ethics. BITS Pilani has given him endless motivation to appreciate the beauty of helping and respecting the value of education in everyday life.”

Mr. G.Srinivasulu,
Father of V.V.Sohan Gudipati (2010B4A4632P)

“My son was selected to IIT Kharagpur, but he preferred BITS Pilani. After 4 years, now when we look at the personality of my son, we are immensely satisfied with his sense of responsibility and his ability to take decisions. We owe a lot to the institution.”

Mr. Arun Kumar Jain,
Father of Siddhartha Jain (2010A3PS197P)

“Like every other parent, I wanted my son to be successful and happy. After getting admitted to BITS Pilani, I have seen a drastic change in him. BITS has inculcated in him the right attitude towards life and made him socially responsible.”

Mr. N Ankaiah Naidu,
Father of N Vineeth (2011A2PS258H)

“BITS Pilani has truly transformed my daughter from an exuberant, extroverted child into a thoughtful, confident, goal oriented, and socially responsible leader with exceptional team working skills.”

Mr. Raveen.K.Reddy,
Father of K.Nikitha (2011A3PS168H)

“My daughter is a confident and forward looking individual today, ready to take on any challenge in life thanks to wonderful grooming provided by BITS Pilani.”

Father of Pooja Anand (2009A7PS141G)

“We are very pleased, proud and happy to note that our daughter will not just graduate as an engineer but will be graduating as a complete individual, ready to enter the professional world.”

A.N.Satish,
Father of Spoorthi Satish (2010A8PS268U)



"... dynamism is reflected in behavior and motivation of each component of the institute, i.e. students, faculty and staff. Fundamentally, each faculty member of Dubai campus is dedicated to develop a research oriented mind set-up within the students."

A. B. Chattopadhyay
Associate Professor (BITS Pilani, Dubai Campus)



"The academic flexibilities at BITS provide a platform to practice innovative teaching methodologies. The air of informality and camaraderie at BITS makes it an ideal workplace."

K. R. Anupama
Associate Professor (BITS Pilani, K. K. Birla Goa Campus)



"It has been a wonderful 15 years of grand teaching experience at BITS. I am happy that more exciting times are ahead with our new Chancellor and Vice-Chancellor charting a new course towards excellence in research as well as in teaching."

Arun Kulkarni
Professor (BITS Pilani, K. K. Birla Goa Campus)



"In BITS, I got the freedom and support to carry out innovations in the classroom. This enables me to constantly endeavor to deliver the best to the high-potential students. BITS also encourages professional development of faculty members, may it be in terms of earning a PhD or to further one's research interests."

Manoj Kannan
Lecturer (BITS Pilani, Pilani Campus)



"I joined BITS fraternity in the year 2004. BITS has a welcoming, inclusive, close-knit community of intellectually curious peers who motivate me to excel in teaching, research and administration."

Suman Kapur
Professor (BITS Pilani, Hyderabad Campus)



"I have had a long association with BITS Pilani both as a student and as a faculty member. The exceptional quality of students ensures that we push ourselves to the limit and exploit our potential to the maximum."

Sudeept Mohan
Professor (BITS Pilani, Pilani Campus)

Messages from Staff



"I started my career at BITS Pilani way back in 1989. The work culture and friendly work environment at BITS has contributed to my professional growth and also played a major role in shaping the careers of my children."

Neelam Bhatia, Admissions Office (BITS Pilani, Pilani Campus)



"BITS Pilani fosters a culture of learning and development, provides opportunities and responsibilities for every employee to grow as an individual and empowers them professionally. Working at BITS has been a joyful experience."

Ram Murli Bhomla, SWD (BITS Pilani, Pilani Campus)



"BITS gave me an opportunity to work with a team of dedicated staff in a healthy professional environment. Institute has also helped me to sustain my family by providing better facilities and education for my children."

Anand Singh Rawat, Office Assistant (BITS Pilani, Pilani Campus)



"BITS Pilani, Dubai campus motivates an individual to remain focused and achieve goals; it also helps a person to become a mature individual. Working here has created great memories to be cherished forever."

Sheshadri K N, Librarian (BITS Pilani, Dubai Campus)



"BITS Pilani, Hyderabad campus provides a quiet and peaceful environment to work. It has moulded me to face challenges in a positive perspective."

Sunita Suresh, Accounts Team (BITS Pilani, Hyderabad Campus)



"The essence of BITS spirit is learning from each other with mutual respect. I am proud to be a part of this great institution."

Smita Acharya, Hostel Superintendent (BITS Pilani K. K. Birla Goa Campus)

Messages from On-Campus Students



"The best thing I've learnt at BITS is, how to push your limits and be confident enough even in the times of failure."

Kartik Palli, Pilani (2010B2A4754P)



"Three things that come to my mind when I reminisce about my days at BITS Pilani: OPPORTUNITIES, PEERS and ALUMNI."

Dishank Upadhyay, Pilani (2008A8TS270P)



"BITS Induced in me the drive to be a perfectionist in my profession by giving me an opportunity to dwell in an exemplary community of highly motivated students, alumni and professors."

Shruti Inamdar, Pilani (2010A3PS044P)



"BITS opened my eyes to the limitless educational possibilities and instilled in me a passion for research."

Akrilli Rastogi, Goa (2009PH129004G)



"Today I'm proud, humbled and grateful to this home for everything it has brought out in me-the belief that we can, and the belief that every step ahead there is something waiting for us-something we can achieve."

Sarayu M, Hyderabad (2011B1A1703H)



"BITS helped me to find out the meaning of independent thought and action, and the importance of taking responsibility for whatever we do. BITS is a constant reminder of what dreams, dedication and determination can do."

Sidrat Tasawoor K, Hyderabad (2012H140033H)



"BITS Pilani, Dubai Campus has been a turning point in my life. Diversity in campus leads to an openness of thought and expression amongst students."

Arhani, Dubai (2010A7PS041U)

Messages from On-Campus Students



"The best thing I've learnt at BITS is, how to push your limits and be confident enough even in the times of failure."

Kartik Palli, Piloni (2010B2A4754P)



"Three things that come to my mind when I reminisce about my days at BITS Piloni: OPPORTUNITIES, PEERS and ALUMNI."

Dishank Upadhyay, Piloni (2008A8TS270P)



"BITS Induced in me the drive to be a perfectionist in my profession by giving me an opportunity to dwell in an exemplary community of highly motivated students, alumni and professors."

Shruti Inamdar, Piloni (2010A3P5044P)



"BITS opened my eyes to the limitless educational possibilities and instilled in me a passion for research."

Akriti Rastogi, Goa (2009PH129004G)



"Today I'm proud, humbled and grateful to this home for everything it has brought out in me-the belief that we can, and the belief that every step ahead there is something waiting for us-something we can achieve."

Sarayu M, Hyderabad (2011B1A1703H)



"BITS helped me to find out the meaning of independent thought and action, and the importance of taking responsibility for whatever we do. BITS is a constant reminder of what dreams, dedication and determination can do."

Sidrat Tasawoor X, Hyderabad (2012H140033H)



"BITS Piloni, Dubai Campus has been a turning point in my life. Diversity in campus leads to an openness of thought and expression amongst students."

Arijhant, Dubai (2010A7P5041U)

ANNEXURE 14 – BITS SCOPUS



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1. PROJECT SPECIFICATIONS

OBJECTIVE

To conduct Publications' Analysis for Birla Institute of Technology & Science (henceforth referred to as 'BITS') which is an analytic, consolidation and analytics on the current status of your University's research publications in indexed database (Scopus).

SCOPE

To consolidate all of BITS' research publications into one database to analyse the following:

1. Publication Trend
2. Citation Trend
3. Index Analysis
4. Campus-wise Analysis
5. H-Index Analysis

YEAR COVERAGE

YEAR COVERAGE	
CONSOLIDATED PERIOD	Overall

DATABASE COVERAGE



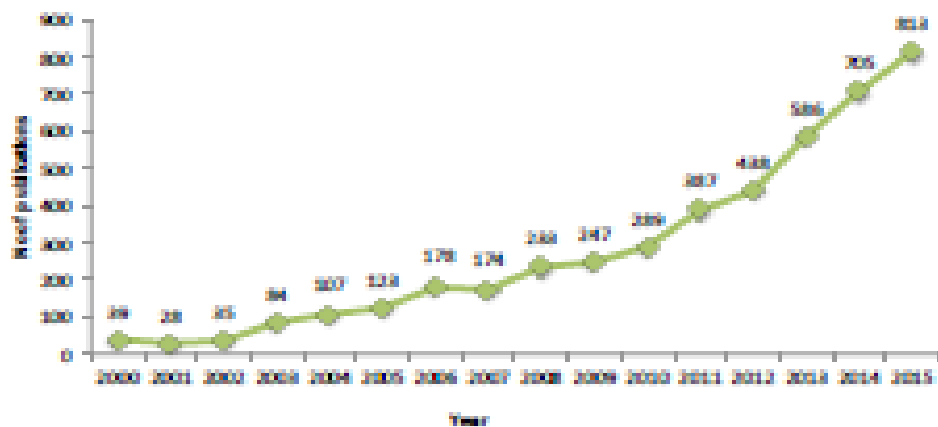
3. BITS: PUBLICATIONS' TREND

The research has identified a total of **3,535** Journal and Conference publications in Scopus database by authors affiliated to the 'Birla Institute of Technology & Science' (henceforth abbreviated as BITS) from the period from 1945 until July 2016 (22-July-2016).

A representation of the identified Journals and Conferences across publication years is illustrated in Figure 1.

For better representation, we have provided the publication trend since 2000. The total publication before 2000 is 645 (from year 1945 – 1999).

FIGURE 1: OVERALL PUBLICATIONS' TREND



CURRENT YEAR (2016) IN STATE:

The current 2016 have 444 Scopus publications and this count will increase by the end of the year.

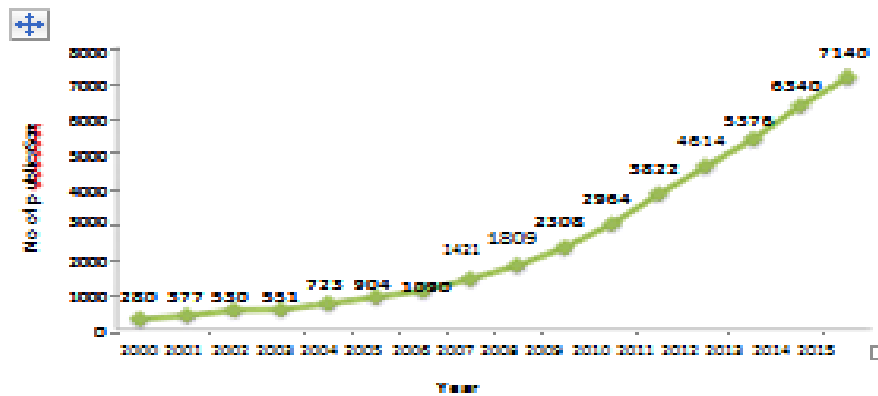
Current year (2016) numbers are not shown in the chart above, as it does not reflect the full year's performance.

4. BITS: CITATIONS' TREND

A true measure of a university's progress with respect to academic research is showing increase in number of citations for the university's publications. Citations should show an increasing trend as publications increase, year on year.

A representation of the citation trend is presented below:

FIGURE 2: CITATION TREND ANALYSIS

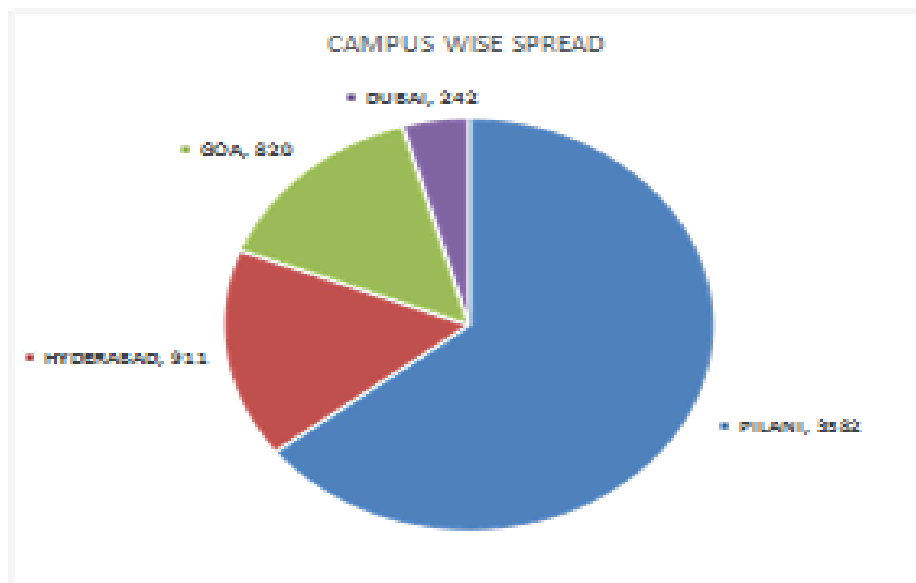


CURRENT YEAR (2016) IN STATS

Current year (2016) already has 4,574 citations.

Current year (2016) numbers are not shown in the chart above, as it does not reflect the full year's performance.

5. BITS: CAMPUS WISE ANALYSIS



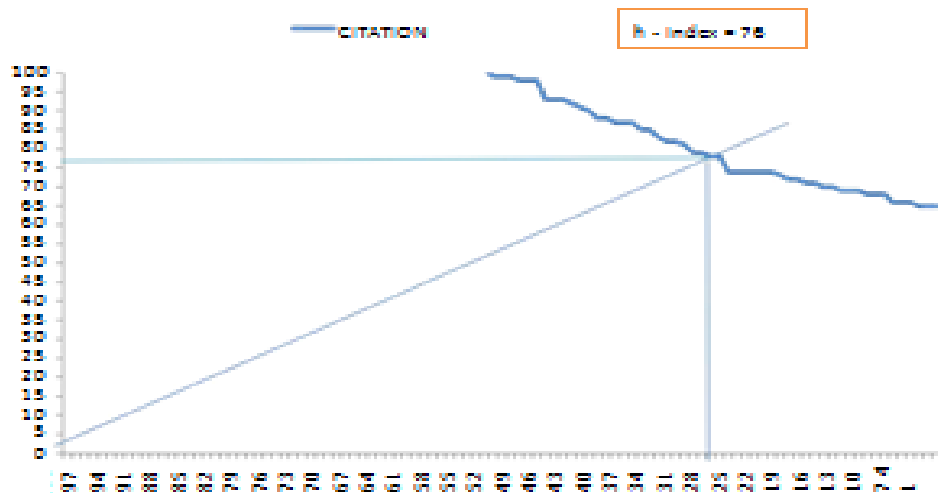
6. BITS: h-INDEX ANALYSIS

The h-index is based on the distribution of citations received by a given university's publications. An index of 'h' for a university indicates that among the articles published by the University, 'h' articles have been cited at least 'h' number of times.

Source: Scopus

h-Index = 76

(Of the 3,333 documents identified and considered for the h-index, 76 have been cited at least 76 times.)



Annexure 15

1. BITS PILANI - PILANI CAMPUS

PART A: ON-CAMPUS PROGRAMMES

Programme	No of Degrees	Distinction	First	second
B.E. (Hons.) (Chemical)	18 (5)	1	15	2
B.E. (Hons.) (Chemical) (with Practice School)	66 (10)	2	50	14
B.E. (Hons.) (Civil)	13 (2)	1	10	2
B.E. (Hons.) (Civil) (with Practice School)	68 (11)	7	34	27
B.E. (Hons.) (Electrical and Electronics)	21 (1)	4	14	3
B.E. (Hons.) (Electrical and Electronics) (with Practice School)	104 (13)	9	78	17
B.E. (Hons.) (Mechanical)	31 (0)	6	21	4
B.E. (Hons.) (Mechanical) (with Practice School)	75 (8)	3	65	7
B.Pharm. (Hons.)	6 (0)	0	5	1
B.Pharm. (Hons.) (with Practice School)	18 (9)	0	7	11
B.E. (Hons.) (Computer Science)	16 (4)	4	12	0
B.E. (Hons.) (Computer Science) (with Practice School)	112 (23)	18	80	14
B.E. (Hons.) (Electronics and Instrumentation)	7 (0)	1	6	0
B.E. (Hons.) (Electronics and Instrumentation) (with Practice School)	70 (14)	6	50	14
B.E. (Hons.) (Manufacturing Engineering)	7 (0)	0	7	0
B.E. (Hons.) (Manufacturing Engineering) (with Practice School)	37 (4)	2	24	11
M.Sc. (Hons.) (Biological Sciences)	32 (10)	3	19	10
M.Sc. (Hons.) (Biological Sciences) (with Practice School)	15 (3)	0	9	6
M.Sc. (Hons.) (Chemistry)	30 (6)	0	23	7
M.Sc. (Hons.) (Chemistry) (with Practice School)	10 (6)	0	6	4
M.Sc. (Hons.) (Economics)	28 (5)	2	18	8
M.Sc. (Hons.) (Economics) (with Practice School)	24 (8)	0	18	6
M.Sc. (Hons.) (Mathematics)	38 (7)	5	26	7
M.Sc. (Hons.) (Mathematics) (with Practice School)	9 (4)	0	7	2
M.Sc. (Hons.) (Physics)	42 (4)	2	28	12
M.Sc. (Hons.) (Physics) (with Practice School)	12 (1)	0	9	3
M.Sc. (Tech.) (Information Systems)	11 (2)	0	3	8
M.Sc. (Tech.) (Information Systems) (with Practice School)	61 (16)	4	43	14
M.Sc. (Tech.) (Finance) (with Practice School)	28 (8)	0	22	6

Programme	No of Degrees	Distinction	First	second
M.Sc. (Tech.) (General Studies)	4 (1)	0	2	2
M.Sc. (Tech.) (General Studies) (with Practice School)	11 (6)	0	2	9
Sub-Total	1024 (191)	80	713	231
M.E. (Chemical)	8 (3)			
M.E. (Chemical) (with Practice School)	4 (0)			
M.E. (Computer Science)	6 (1)			
M.E. (Computer Science) (with Practice School)	13 (2)			
M.E. (Mechanical)	8 (0)			
M.E. (Mechanical) (with Practice School)	3 (0)			
M.Pharm.	2 (1)			
M.Pharm. (with Practice School)	7 (2)			
M.E. (Software Systems)	3 (1)			
M.E. (Software Systems) (with Practice School)	25 (3)			
M.E. (Microelectronics)	1 (0)			
M.E. (Microelectronics) (with Practice School)	11 (4)			
M.E. (Communication Engineering)	1 (0)			
M.E. (Communication Engineering) (with Practice School)	15 (2)			
M.E. (Biotechnology)	7 (3)			
M.E. (Biotechnology) (with Practice School)	8 (6)			
M.E. (Civil with specialisation in Transportation Engineering)	4 (2)			
M.E. (Civil with specialisation in Transportation Engineering) (with Practice School)	6 (1)			
M.E. (Chemical with specialisation in Petroleum Engineering)	6 (2)			
M.E. (Embedded Systems) (with Practice School)	6 (1)			
M.E. (Design Engineering)	4 (0)			
M.E. (Design Engineering) (with Practice School)	5 (0)			
M.E. (Manufacturing Systems Engineering)	1 (1)			
M.E. (Manufacturing Systems Engineering) (with Practice School)	8 (0)			
M.E. (Civil with specialisation in Structural Engineering)	5 (2)			
M.E. (Civil with specialisation in Structural Engineering) (with Practice School)	9 (2)			
M.E. (Civil with specialisation in Infrastructure Systems) (with Practice School)	6 (2)			

Programme	No of Degrees	Disti- First second action
M.E. (Civil with specialisation in Infrastructure systems)	5 (3)	
M.Pharm. (with specialisation in Pharmaceutics)	1 (0)	
M.Pharm. (with specialisation in Pharmaceutics) (with Practice School)	13 (6)	
M.Pharm. (with specialisation in Pharmaceutical Chemistry) (with Practice School)	6 (2)	
Master of Business Administration	1 (1)	
Master of Business Administration (with Practice School)	49 (18)	

Sub-Total	257 (71)	

Total	1281 (262)	

Note: Numbers in brackets indicate total females

2. BITS PILANI - K.K. BIRLA GOA CAMPUS

ON-CAMPUS PROGRAMMES

Programme	No of Disti- Degrees	action	FIRST	SECOND
B.E. (Hons.) (Chemical)	13(2)	0	6	7
B.E. (Hons.) (Chemical) (with Practice School)	61(7)	3	31	27
B.E. (Hons.) (Electrical and Electronics)	27(3)	1	16	10
B.E. (Hons.) (Electrical and Electronics) (with Practice School)	88(18)	4	71	13
B.E. (Hons.) (Mechanical)	28(0)	3	17	8
B.E. (Hons.) (Mechanical) (with Practice School)	86(2)	3	60	23
B.E. (Hons.) (Computer Science)	24(3)	3	17	4
B.E. (Hons.) (Computer Science) (with Practice School)	96(19)	16	65	15
B.E. (Hons.) (Electronics and Instrumentation)	24(1)	0	7	17
B.E. (Hons.) (Electronics and Instrumentation) (with Practice School)	89(14)	3	57	29
M.Sc. (Hons.) (Biological Sciences)	16(1)	0	12	4
M.Sc. (Hons.) (Biological Sciences) (with Practice School)	22(6)	2	11	9
M.Sc. (Hons.) (Chemistry)	11(0)	0	6	5
M.Sc. (Hons.) (Chemistry) (with Practice School)	18(2)	0	14	4
M.Sc. (Hons.) (Economics)	7(1)	0	3	4
M.Sc. (Hons.) (Economics) (with Practice School)	34(9)	3	25	6
M.Sc. (Hons.) (Mathematics)	20(2)	2	12	6
M.Sc. (Hons.) (Mathematics) (with Practice School)	19(2)	0	14	5
M.Sc. (Hons.) (Physics)	19(3)	1	13	5
M.Sc. (Hons.) (Physics) (with Practice School)	15(2)	0	11	4
M.Sc. (Tech.) (Information Systems)	10(1)	0	3	7
M.Sc. (Tech.) (Information Systems) (with Practice School)	38(11)	1	26	11
Sub-Total	768(109)	45	497	223

Programme	No of Disti- Degrees	FIRST	SECOND
M.E. (Chemical)	8	(4)	
M.E. (Software Systems)	2	(1)	
M.E. (Biotechnology)	6	(5)	
M.E. (Embedded Systems)	5	(1)	
M.E. (Design Engineering)	5	(0)	
M.E. (Chemical) (with Practice School)	1	(1)	
M.E. (Software Systems) (with Practice School)	7	(1)	
M.E. (Microelectronics) (with Practice School)	10	(2)	
M.E. (Biotechnology) (with Practice School)	1	(0)	
M.E. (Embedded Systems) (with Practice School)	8	(1)	
M.E. (Design Engineering) (with Practice School)	5	(1)	
Sub-Total	58	(17)	
TOTAL	823	(126)	

Note: Numbers in brackets indicate total females