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Hyderabad Campus



Eminence Graces the Campus



Dr S S Badrinath



Dr Karan Singh



Mr Jayesh Ranjan



Shri P Sudhakar

Andhra Pradesh State Council of Higher Education



Dr Palla Ramarao



Shri Venu Gopal Reddy



Dr Asuthosh Mishra, IAS



Prof. Appa Rao Podile



Shri Raghunandan, IAS



*Mr Krishna Prasad Chigurupati and
Ms Uma Chigurupati*



Mr V B Gadgil



Mr Jayan Raman Kutty



Dr G Satheesh Reddy



Shri Thanikella Bharani



Shri Ram Madhav Varanasi

Farewell Function for Vice-Chancellor Prof B N Jain

On 27 July, a farewell function was held in the auditorium for Prof. Bijendra Nath Jain, who completed his 5 years tenure as the Vice-Chancellor of BITS Pilani, to pay tribute to his contribution in nurturing this premier engineering institute. Prof V S Rao, Director of Hyderabad Campus, Prof G Sundar, Director, Off-campus Programmes and Industry Engagement, Prof A K Sarkar, Director Pilani Campus, Prof R N Saha, Director of Dubai campus Prof Sasikumar Punneket, Director Goa campus, Prof MMS Anand, Registrar and many senior professors and staff participated in the function. They all recalled the yeoman services of Prof Jain and his contribution to BITS Pilani.





On 1 August 2015, Prof. V S Rao has been appointed as acting Vice-Chancellor of BITS Pilani. He took charge from Prof. Bijendra Nath Jain, who completed his 5 years tenure as the Vice-Chancellor of BITS Pilani.

Director's International Visits and awards

Prof V S Rao, Director, BITS Pilani, Hyderabad campus had visited USA during June/July 2015. During his visit he met Mr Jayan Ramakutty, the Chairman of BITSAA International and Mr Rohit Koul, CEO, BITSAA International at San Jose. Visited NASA, met Ms Jessica Koehne from AMES Research, NASA and Mr. Meyya Meyyappan, Director of the Lab to explore opportunities for BITS to send students to NASA. Visited San Jose State University, San Jose, California and met the Deans along with Dr Krishna Saraswat (Stanford) & Prof Diyakant Agarwal (UCSB) and met Mr Krishna Sudhir at Abbott Labs for a possible PS station opening and/or research collaboration.

Awards



BITS Pilani receives Dataquest - CMR Top T School Award

'BITS Pilani has topped the chart in the private T-School ranking, with high scores in almost all the parameters. The institute has been setting high standards and playing a benchmarking role in the field of education. The Birla Institute of Technology & Science is an all-India institute for higher education. BITS Pilani has scored high on parameters such as top institute, human resources, and alumni'.



EDU-RAND Awards is an initiative borne out of the engineering college rankings announced earlier this year. The award ceremony was held on 10 October 2015 at IISER, Pune as a part of EDU's 5th Annual Vice Chancellor's Retreat.



TiE-Hyderabad Awards 2015: It is the most prestigious awards in the Entrepreneur Ecosystem, to recognize and felicitate visionaries, achievers, innovators and entrepreneurs who have contributed significantly towards the development of entrepreneurship.

Academic Confluence of Ideas, Intellect and Information

Seminars, Conferences, Workshops and Training Programs

Symposium on Cloud Computing and Digital Forensics, SoC-D2015

Department of Computer Science and Information Systems, BITS Pilani, Hyderabad Campus in association with Department of Electronics and Information Technology, Ministry of Communications & Information Technology, Government of India conducted a Symposium on Cloud Computing and Digital Forensics on 4 September 2015.



BioRisk Management Workshop

BioRisk Management Workshop was conducted at our Hyderabad campus on 23-24 March 2015 by Sandia National Laboratories, USA. The workshop was attended by 30 students of B.Pharm, M.Pharm, M.Sc., and Ph.D from the departments of Pharmacy and Biology. The workshop was considered important to expose students to the need for biosafety measures in workplace and also handling biorisk materials and management. The workshop was coordinated by Prof P Yogeewari of the Department of Pharmacy and moderated by Ms Cecelia Williams and Mr Giulio Mancini from Sandia National Laboratories.

The topics covered were biorisk assessment characterization and evaluation, review of risk assessment, risk mitigation strategies and biosecurity. At the end of the two-day event, all participants were provided with certificates by Sandia National Laboratories.



Workshop on Integrated Urban Flood Management in Hyderabad

Centre of Excellence in Water Resources Management (CEWRM), Department of Civil Engineering, Birla Institute of Technology and Science (BITS) Pilani, Hyderabad campus, organized a **Workshop on Integrated Urban Flood Management in Hyderabad: Technology Driven Solutions on 31 October 2015** with the objective to create a platform for academicians, scientists, research scholars and NGOs to share their views; have improved understanding and knowledge on urban flood management in Hyderabad. A Total of 37 participated in the workshop. The workshop is part of the sponsored project titled 'Integrated Urban Flood Management: Technology Driven Solutions', sponsored by IT Research Academy (ITRA), which is a National Programme initiated by Department of Electronics and Information



Participants along with the Chief Guest and Coordinators of the Workshop

Technology (DeitY), Ministry of Communications and Information Technology (MCIT), Government of India with an aim to promote research that helps society.

Prof K Srinivasa Raju, Coordinator of the workshop welcomed the participants and explained the workshop objectives. He mentioned about the expectations from the participants during the workshop. Prof Jagadeesh Anmala, Head, Department of Civil Engineering briefed the activities of CEWRM and Department. During inaugural ceremony, Prof VS Rao, Chief Guest and Vice-Chancellor of BITS University, explained the urban flooding aspects in Hyderabad and stressed the necessity for remedial and sustainable measures. He also urged the participants to come with novel approaches for mitigating floods. Prof Jagadeesh presented a memento to the Chief Guest. Prof A Vasan, the Coordinator of the workshop delivered a vote of thanks.



Prof VS Rao, Chief Guest and Vice-Chancellor of BITS University addressing the participants

Prof K Srinivasa Raju, Co-Principal Investigator of the ITRA sponsored project **Urban Flood Management: Technology Driven Solutions** and coordinator of the workshop explained about the ITRA project, objectives and the progress till now. He suggested participants to provide their valuable inputs regarding the project.

Dr Basudev Biswal and Dr Riddhi Singh of the Indian Institute of Technology, Hyderabad delivered an invited lecture on Storage-Discharge Analysis and Dealing with Hydrological Model Uncertainty Through Bottom-up Approaches: Consequences for Urban Flood Management. They related the lecture to various case studies.

Dr Anamika Barua, Executive Director of SaciWATERS, Hyderabad, delivered an invited lecture on Urban Flood Management: A Governance Perspective. She explained the role of good governance in handling floods. She related lecture with various examples.

Dr N Sai Bhaskar Reddy, Geocologist, Hussain Sagar Lake and Catchment Area Improvement Project (HCIP), NJS Consultants Co. Ltd., Hyderabad, during his guest lecture, discussed on Urban Floods - An Opportunity for Water Conservation. He mentioned that urban floods can be envisaged as boon. He also discussed various challenges in Hyderabad flood management and some technological solutions.

All the four lectures created interest among the participants and formed the basis for theme sessions.



Participants along with Chief Guest and Coordinators of the training program

Six theme based sessions were conducted in the afternoon. Prof A Vasan coordinated the theme based sessions.

Training Program on Integrated Urban Flood Management

Centre of Excellence in Water Resources Management (CEWRM), Department of Civil Engineering, Birla Institute of Technology and Science (BITS) Pilani, Hyderabad campus organized **Training Program on Integrated Urban Flood Management: Technology Driven Solutions, November 20-21, 2015** with the objective to create a platform for academicians, scientists, research scholars and officials to share their views; have improved understanding and knowledge on urban flood management. A Total of 45 participated in the training program. Training program is part of sponsored project titled 'Integrated Urban Flood Management: Technology Driven Solutions, sponsored by IT Research Academy (ITRA) is a National Programme initiated by Department of Electronics and Information Technology (DeitY), Ministry of Communications and Information Technology (MCIT), Government of India with an aim to promote research that helps society. Co-Ordinators of the workshop is Prof K Srinivasa Raju and Prof A. Vasan.

Prof K Srinivasa Raju, Coordinator of the training program welcomed the participants and explained the training program objectives during the inaugural function. He mentioned about the expectations from the participants during the training program. Prof Jagadeesh Anmala, Head,

Department of Civil Engineering briefed the activities of Centre of Excellence in Water Resources Management (CEWRM) and Department. Prof MB Srinivas, Dean (Administration) discussed the various flood mitigation strategies. Prof PP Mujumdar Professor, Department of Civil Engineering, and Chairman, Interdisciplinary Centre for Water Research, IISc, Bangalore is the chief guest. During his inaugural address, Prof Mujumdar felt the need of sustainable flood mitigation strategies and suggested the participation of all relevant stakeholders. Prof MB Srinivas facilitated Prof Mujumdar with shawl and memento on this occasion. Prof A Vasan Coordinator of the training program delivered vote of thanks. Number of guest lectures were delivered on November 20 and November 21, 2015 by eminent experts.



Address by Prof MB Srinivas, Dean (Administration)



Inaugural Address by Prof PP Mujumdar, Chief Guest



Prof A Vasan, Coordinator of the training program delivering Vote of Thanks

Information on Workshop on Research Methodology

Centre of Excellence in Water Resources Management (CEWRM), Department of Civil Engineering of Birla Institute of Technology and Science, Pilani, Hyderabad campus organized Workshop on Research Methodology during 3-4 April 2015 with an objective to acquaint research scholars, academic faculty, industry professionals either pursuing or planning to initiate research in any area of Engineering, Science and Management. The orientation of the workshop is aimed towards understanding research in multiple perspectives and helps the researchers to acquaint with recent developments. Co-Ordinators of the workshop are Prof A Vasan and Prof K Srinivasa Raju.

Inaugural function was held on April 3, 2015. Prof A Vasan, Co-Ordinator of the workshop welcomed the dignitaries and participants and explained the necessity of research methodology workshop. He also mentioned the various perspectives of research that will be covered during the workshop which includes hands-on training on various research resources. 100 participants from all over India participated in the workshop. Prof K Srinivasa Raju, Co-Ordinator of the workshop explained about the activities of CEWRM.



Prof VS Rao, Director stressed the necessity of effective research and various approaches and possible ways for the same. Dr Ch Mohan Rao, Director, Centre for Cellular and Molecular Biology (CCMB) was the Chief Guest for the inaugural function. In his inaugural address Dr Rao had stressed the necessity of fundamental research and intellectual property rights. He elaborated the transformation of research in various phases. Prof D Nagesh Kumar, Chairman, Centre for Earth Sciences, Indian Institute of Science, Bangalore was the guest of honour for the workshop. He emphasized the necessity of self-motivation and of interdisciplinary research. The inaugural program ended with vote of thanks by Prof Srinivasa Raju, Co-Ordinator of the workshop. Total 100 researchers participated in the workshop.



Participants along with Chief Guest and Coordinators of the Workshop

Winter Global Health programme - WIGH 2015

Department of Biological Sciences, BITS Pilani, Hyderabad Campus in collaboration with Centre for Public Health, Alber Einstein College of Medicine, Yeshiva University, USA conducted the Winter Institute in Global Health had organized two days intensive workshops in Healthy living between 7 and 16 January 2015.

The Programme was inaugurated by Padmashree Dr K Subba Rao, Director, Research KIMS and KMERF Hyderabad. The Objectives of the workshop were to promote i) enhanced awareness of the challenges to health due to globalization including cultural, ethical and practical challenges of conducting global health research ii) increased understanding of the interplay of biological, social and psychological factors in research methodology that combines these factors and

iii) sound knowledge about the interplay of local and global factors influencing health and health disparities across nations.

There were 37 participants, 33 resource persons including faculty from BITS Pilani, Hyderabad campus, Pace University, USA, Apollo Hospitals, Hyderabad, Apollo Institute of Medical Sciences and Research, Hyderabad, Delhi University, New Delhi, Medciti Institute of Medical Sciences, The George Institute of Global Health and Central Research Institute for Unani Medicine. The program ended with a valedictory function graced by Prof V S Rao, Director, BITS Pilani, Hyderabad Campus.



Importance of Nuclear Energy - An Awareness Program

On 26 February 2015, an awareness program on 'Importance of Nuclear Energy' was jointly organized by Atomic Minerals Directorate (AMD) - Department of Atomic Energy and BITS Pilani, Hyderabad Campus. It was inaugurated by Prof V S Rao, Director BITS Pilani, Hyderabad campus and Shri L K Nanda, Additional Director, AMD. Two lectures on various aspects of nuclear energy and its importance on nation building were delivered during this occasion. A small exhibition on mineral exploration and mining was also arranged as a part of this event.



PLMSS International Conference - DRDO and BITS

5th International conference on Product Modeling, Simulation and Synthesis was jointly organised by Advanced Systems Laboratory, DRDO and Birla Institute of Technology & Science Pilani, Hyderabad campus under the aegis of PLMSS Trust. The conference was held at BITS Pilani, Hyderabad from 15 to 17 December 2015. A one-day pre-conference workshop on 'Digital Manufacturing using PLM' was held on 15 December 2015 by eminent professors from IIT Kharagpur



and IIT Mumbai and around 80 participants benefitted from the workshop. On the evening of 15 December the conference was inaugurated by Dr G. Sathesh Reddy, Scientific Advisor to Raksha Mantri. The Guest of Honor Shri Jayesh Ranjan, Secretary IT, Telangana state also graced the occasion. The technical sessions were conducted for two days in 7 parallel sessions wherein 56 papers & 7 posters were presented. The Panel discussion was held on the topic 'PLM for Make in India'. Around 300 delegates participated in this three day event.

Aditya Birla India Centre Research Symposium

BITS Pilani, Hyderabad campus had hosted the **Aditya Birla India Centre Research Symposium** on 5 May 2015. The Aditya Birla India Centre (ABIC) is the focal point for India-related research and activities at the London Business School (LBS). The following top LBS faculty associated with the ABIC had participated and shared how their world-class academic research interacts with the dynamic business environment in India.

- Prof **Naufel Vilcassim**, Professor of Marketing and Academic Director, Aditya Birla India Centre
- Prof **Rajesh Chandy**, Professor of Marketing; Tony and Maureen Wheeler Chair in Entrepreneurship
- Prof **Vikrant Vig**, Professor of Finance



Workshop on Innovation in Waste, Water and Energy Technology



The workshop was organised on 13 and 14 July 2015. The major theme of the workshop was to highlight the innovations in waste, water and energy technologies that are relevant for rural development. The workshop was inaugurated by Dr M V Rao IAS, Senior Development Administrator, NIRD & PR, Hyderabad. Prof M Srinivas and Dr P Sankar Ganesh are the conveners of the workshop.



Sandboxx facility was inaugurated by Shri P Sudhakar, Chairman and Managing Director of ECIL on 21 May 2015. RAdm S. Mahopatra was also present at the event.



Sandboxx is a multi-disciplinary platform for students to develop technologies in the domains of Internet of Things, Wearable Technologies and Consumer

Electronics. The lab is envisioned as a free, unsupervised, platform that enables students in the creation of technologies that solve real world problems at the interface of engineering (Mech, EEE, CS, etc), sciences (biology, pharmacy, physics, etc) and design. This lab is for facilitating student ideas and implementation with easy access to equipment and tools such as sensors, microprocessors, power tools etc.



Power System Lab Inaugurated

Power System Laboratory houses a demonstration and experimental facility for power systems using scaled models of power system components such as alternators, transmission lines and load with protection. The lab consists of Power System Simulator comprising the complete chain of power system network from generation, transmission, sub stations and distribution to consumers. The lab was inaugurated on 13 August 2015.



Inauguration of Laser Confocal Microscope Instrument Facility at CAL



Laser Confocal Microscope instrument facility at Central Analytical Lab was inaugurated on 15 December 2015 by Prof G Sundar, Director, Off-campus Programmes and Industry Engagement. This facility provides high resolution optical in imaging of biological objects labeled with fluorescent markers. This is a noninvasive technique provides individual layer images of tissues, materials and living specimens from selected depth through optical sectioning within the sample. It is used to optically section a tissue to determine the extent of distribution of drug molecules. It gives high resolution surface profiling for materials by reflection study. It can be used to monitor the real time cell uptake of nanoparticles using time resolved fluorescence.

International Programmes and Collaboration Division (IPCD)

- SN Bose Scholars Program: Departments of Biology, Chemistry, Physics, Mathematics, Chemical Engineering, Civil Engineering, Mechanical Engineering and Electrical Engineering nominate meritorious students for the SN Bose Scholars Program 2015 & 2016.
- Interactive session on Howard Hughes Medical Institute: Dr Devyani Kavathekar conducted an interactive session and talk about Howard Hughes Medical Institute, how it supports science, science education and advanced bio-medical research, on 27 January 2015.
- Summer in Silicon Valley: Mr. Jayan Ramankutty, Chairman, BITSAA International gave the talk on Summer in Silicon Valley, Exploration, Innovation & Collaboration on 16 February 2015.
- Faculty Open House: IPCD conducted university wide faculty open house, a brainstorming session on faculty exchange and research collaborations with foreign universities on 16 April 2015.
- Student Open House: IPCD conducted university wide student open house, a brainstorming session on student exchange programs for thesis, internships and semester abroad with foreign universities on 17 April 2015.
- Semester Abroad Program: Semester Abroad Program for credit transfer from foreign universities to those students who do courses abroad was introduced from first semester 2015-16.
- Interactive session on opportunities in foreign universities: IPCD organized the cross campus interactive session on opportunities in foreign universities by Dr. Eswarlyer, Harvard Medical School and Dr Srividya, Whitehead Institute, MIT, on 5 August 2015.
- Talk by Canadian Consul: IPCD organized a talk on Study and Work Opportunities in Canada by the Canadian Consul on 31 March 2015.
- iPodia Awareness Meeting: IPCD organized a meeting to make student population aware about iPodia courses offered by University of Southern California on 28 October 2015.
- Visit of Macquarie Delegation: A delegation from Macquarie University, Sydney visited the campus on 16 January 2015. A distinguished lecture on 'From Sensing to Decision Making' Basic challenges and Case Studies was given by Prof. Iain Collings, Professor & Head, Department of Engineering and a MoU was signed between Macquarie University and BITS Pilani for student and faculty exchange.
- Visit and talk by Canadian Consul: IPCD coordinated the visit and talks on The Current State of Indo-Canadian Relations and An Overview of Opportunities for Study, Work and Immigration to Canada by Mr. Sidney Frank, Consul General, Consulate General of Canada in Bengaluru, on 15 October 2015.
- Talk on PhD and Post-Doctoral Research in US: IPCD coordinated the talk on PhD and Post-Doctoral Research in US by Dr. Kelly Butler, Fulbright - Nehru Academic & Professional Excellence Award Scholar on 16 November 2015.
- 5th Indo-Korean Seminar: IPCD co-organized the 5th Indo-Korean Seminar titled 'Nano / Microtechnology meets Biomedical' on 19 and 20 November, 2015 along with Prof. Sanket Goel, Department of Electrical Engineering.
- Invited talk by Professors from University of New Hampshire: IPCD organized the invited talk on 'Plant Biotechnology and Metabolic Engineering: Designing Plants for the Future' by Prof Subash C Minocha, Professor, Department of Biological Sciences University of New Hampshire, Durham, NH, USA and 'Climate Change and Forest Health' by Dr Rakesh Minocha, Senior Scientist at the US Department of Agriculture- Forest Service on 30 November 2015.
- On 10 December 2015, the British Council led delegation consisting of 15 Vice Chancellors and Principals from various universities and colleges of United Kingdom visited BITS Pilani, Hyderabad Campus in order to explore the possibilities to build strong and long term connections for teaching and research with UK universities and faculty. The BITS faculty team led by Director and Acting Vice Chancellor, Prof V S Rao interacted with the delegation and exchanged ideas on collaborations.

MoU with Macquarie University, Australia



MoU with GE



Vice-Chancellors' Delegation from UK



Visit of delegates from Cardiff University, UK



Distinguished Lectures and Guest Lecture Series

Presenter	Details of the Talk	Department	Date
Prof MM Sharma of Telepresence Goa	Innovations in Chemical Industries	Chemical Engineering	1 Jan 15
Prof Sonia Suchday , Professor, Dyson College of Art and Science, Pace University, New York, USA	Public health	Biological Sciences	14 Jan 15
Mr Radhamohan , GM at Sirpur Paper Mills, Sirpur-Khagaznagar	Pulp and Paper Manufacturing and Effluent Treatment	Chemical Engineering	19 Jan 15
Prof Tomoyuki Akutagawa , Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Sendai, Japan	Designs of Hydrogen-Bonding Molecular-Assembly Nanostructures and Ferroelectric Responses	Chemistry	28 Jan 15
Mr Farhan Pettiwala , President ENACTUS INDIA, Alumnus, Harvard School of Business	Leveraging Corporate Social Responsibilities	Humanities and Social Sciences	31 Jan 15
Dr Rajeev Raghuvanshi , Vice President, Differentiated Formulation R&D, Dr. Reddy's Laboratories, Hyderabad	Innovation in Pharma Industry: What Ails us and Responsibility of Educational Institutions	Pharmacy	02 Feb 15
Dr Srinivasa Rao Uppalapati , DuPont PIONEER	Exploiting chemical signaling in plant microbe interactions for crop protection: are we there yet?	Biological Sciences	03 Feb 15
Bhagavadgita Service Club , Hare Krishna Movement	The Art of Mind Control	Humanities and Social Sciences	07 Feb 15
Dr Syam Nukavarapu , Assistant Professor, University of Connecticut, USA	Tissue Engineering and Regenerative Medicine: From concept to reality	Biological Sciences	12 Feb 15
Prof Sanjeev Kumar Gupta from IISc Bangalore	Synthesis of Metal Nanocomposites	Chemical Engineering	27 Feb 15
Dr Pramod Kumar Meher of NTU Singapore, Eminent Research Scientist	Mapping Algorithm to Architecture for Constraint-Driven Systems	Electrical and Electronics Engineering	28 Feb 15
Prof M Krishnamurthy , Tata Institute of Fundamental Research, Mumbai	Bringing stars down to a lab	Physics	28 Feb 15
Prof Kumaresan , University of Hyderabad	Geometry and the Implicit function Theorem	Mathematics	09 Mar 15

Presenter	Details of the Talk	Department	Date
Prof K Nageshwar (Osmania University) and Prof Krishnamurthy Subramanian (Indian School of Business)	Union Budget 2015	Economics and Finance	10 Mar 15
Dr Kartick Shah , Postdoc, MIT, USA	Rapid production and screening of HIV specific anti-body	Biological Sciences	17 Mar 15
Dr Suresh Sriram from NALCO, Illinois, USA	Development of Self-Healing Polymer Composites and Photoinduced Ring Opening Metathesis Polymerization	Chemistry	31 Mar 15
Dr Anil	Biomedical Nanotechnology: An interphase of Biomedicine and Nanosciences	Biological Sciences	1 Apr 15
Dr Sunita Patel , TIFR, Hyderabad Campus	Crystalline protein	Biological Sciences	8 Apr 15
Prof Mohan Ramanan , Department of English, University of Hyderabad	Spiritual Basis of Indian Nationalism	Humanities and Social Sciences	11 Apr 15
Prof Indrakant, G Ramakrishna, and Uday Bhate	Research Methodology in Social Sciences	Economics and Finance	18 Apr 15
Dr Pushpita Ghosh , Center for Theoretical Biological Physics, Rice University, USA	Self-Organization in the Realm of Chemical and Biological Physics	Chemistry	7 Jul 15
Dr Chandra Sekhar , Director, CEERI, Pilani, Former Director, NPL	Microelectronics - Beyond and Besides Moore's Law	Electrical and Electronics Engineering	7 Aug 15
Dr Syed Naimathulla , Senior Environmental Engineer, Qatar Petroleum	Environmental Protection Strategies in Oil and Gas Industry	Chemical Engineering	12 Aug 15
Romesh C Batra , Ph.D., D.Sc. (Honoris Causa) Clifton C. Garvin, Engineering Virginia Polytechnic Institute and State University Blacksburg	A guest lecture	Mechanical engineering Department	14 Aug 15
Dr Balmukund Pandey , National Organizing Secretary, All India Historical Collection Project, New Delhi	Contemporary Indian History	Humanities and Social Sciences	18 Aug 15
Dr Avinash K. Sinha , Head School of Energy Science and Engineering and Professor Department of Electrical Engineering, IIT Kharagpur	SMART GRID	Electrical and Electronics Engineering	20 Aug 15

Presenter	Details of the Talk	Department	Date
Prof V Kannan , University of Hyderabad	Beauty of Mathematics	Mathematics	24 Aug 15
Dr Pralay K Santra , Department of Chemical Engineering, Stanford University, USA	Minimizing Recombination in Quantum Dot Solar Cells	Chemistry	27 Aug 15
Prof Bale V Reddy , Chair Professor - ME, University of Ontario, Canada	A guest lecture	Mechanical engineering Department	28 Aug 15
Prof Krishna Iyer , Professor, Bombay College of Pharmacy	Drug Metabolism and Pharmacokinetics	Pharmacy	21 Sept 15
Dr Prateek Saxena from National University of Singapore (NUS)	Computer Security: The Science of Adversarial Reasoning	Computer Sciences	28 Sept 15
Prof Benjaram M Reddy , Inorganic and Physical Chemistry Division, CSIR - Indian Institute of Chemical Technology	Design of Catalysts for Energy and Environmental Applications	Chemistry	9 Oct 15
Dr V Balaram , Scientist Emeritus, CSIR - National Geophysical Research Institute	Microwave Plasma Atomic Emission Spectrometry (MP-AES): A New Analytical Tool for Geochemical, Mineral Exploration and Environmental Sciences	Chemistry	27 Oct 15
Dr Ravi Chandra Gundakaram , (ARCI), Hyderabad	Characterization of Coatings and Films	Chemical Engineering	30 Oct 15
Prof Brindaban C Ranu , Indian Association of Cultivation of Science, Jadavpur, Kolkata	Green Catalysis, Green Concept and Green Tool for organic synthesis	Chemistry	12 Nov 15
Dr Ravi Chandra Gundakaram , (ARCI), Hyderabad	Study of Mechanical Properties at the Sub-Micron Scale	Chemical Engineering	19 Nov 15
Prof Gyu Man Kim , Professor and Head, Mechanical and Aerospace Engineering, Kyungpook National University, Daegu, Korea	Applications of Microsphere Microcarriers Prepared using Microfluidic Chips	Electrical and Electronics Engineering	20 Nov 15
Dr Young Ho Kim , Senior Researcher, Medical Device Development Center, Daegu Gyeongbuk Medical Innovation Foundation, Daegu, Korea	Micropatterned Nanocomposites for Miniaturized Chip Devices	Electrical and Electronics Engineering	20 Nov 15
Prof Ram D. Sriram , National Institute of Standards and Technology (NIST), USA	Network-Centric Manufacturing	Mechanical engineering Department	11 Dec 15

Invited Lectures by Faculty

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Prof R Gururaj	Data Management and Cloud	CBIT Hyderabad	05 Jan 15
Dr Sanket Goel	India's Energy Security: Challenges, Policies and Opportunities	DST Centre for Policy Research, School for Environmental Sciences, BRIDGES	16 Jan 15
Dr Sabareesh G R	Fundamentals of Vibration Analysis and Machinery Vibration	30 Graduate Engineering Trainees at Shanthi Gears Limited	18 Jan 15
Prof N Rajesh	A Journey towards Understanding the Interaction of Toxic Metal Ions with Polymeric Adsorbents	International conference on Green chemistry, catalysis, energy and environment, Goa University, Goa.	22-24 Jan 15
Dr Shrikant Charde	Novel Approaches for Drug Delivery	Bioadhyayan 2015	24 Jan 15
Dr Ramesh Adusumalli	Micromechanics of Composites	International Conference and Exhibition on Reinforced Plastics (ICERP 2015), Hitex Exhibition Centre, Hyderabad	29-31 Jan 15
Dr Rahul Nigam	Role of Magnetic Field in Galaxy Formation	Most Massive Galaxies and their Precursors, Sydney, Australia	Feb 15
Prof P Yogeeswari	Drug Discovery Conference: Showcasing India's Innovation Pipeline	BIOASIA2015, HICC, Hyderabad	03 Feb 15
Prof Suman Kapur	RightBiotic: A point of Care (POC) Device for Detection of Antibiotic Sensitivity of Asymptomatic UTI in Pregnant Women, 2014	14 th World Congress on Public Health, Kolkata	11-15 Feb 15
Prof Suman Kapur	Employing Information and Communication Technologies to Strengthen the Adolescent Health Program in India	14 th World Congress on Public Health, Kolkata, India being held	11-15 Feb 15
Dr KVS Shiv Chaitanya	Entanglement in two-site Bose Hubbard Model	Harish Chandra Research Institute (HRI) Young Quantum	15, 24-27 Feb 15
Dr Sanket Goel	Carbon Sequestration and Enhanced Oil recovery (EOR)	Indian Institute of Technology, Guwahati	19 Feb 15

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Prof K S Raju	Multicriterion Decision Making in Water Resources Planning	National Conference on Recent Trends in Civil Engineering, GITAM University, Hyderabad Campus	20 Feb 15
Prof PN Rao	Recent Trends in Civil Engineering	National conference organized by GITAM, Hyderabad	20 Feb 15
Prof CH Hota	Plenary talk on Big Data Analytics	2 nd International Research Conference on Emerging Information Technology and Engineering Solutions, Symbiosis International University, Pune	20-21 Feb 15
Prof N Rajesh	Application of Customized Biopolymer Based Materials as Green Adsorbents for Environmental Remediation	UGC National Conference on Nanoscience for sustainable development, at Dr. Ambedkar College, Nagpur	23 Feb 15
Prof PN Rao	Water Proofing Technologies in Construction Industry	National conference organized by CMR CET, Hyderabad	28 Feb 15
Prof CH Hota	First DST-BDI workshop on Curricula Design for Big-data	CR Rao AIMSCS, University of Hyderabad	28 Feb to 1 Mar 15
Dr K Sumithra	Low Dimensional Carbon Nanomaterials	UGC sponsored workshop at New Bhavan's College, Hyderabad.	Mar 15
Dr Durgesh Chandra Pathak	International Seminar on Poverty and Deprivation in South Asia	BHU-Varanasi	09-11 Mar 15
Dr Sanket Goel	Microfluidic devices for rapid, automated and self-sustainable enzymatic biofuel cell (EBFC)	Kyungpook National University, Daegu, Korea	10 Mar 15
Dr Sanket Goel	Microfluidic devices: perspectives and pathways	Medical Device Development Center Daegu-Gyeongbuk Medical Innovation Foundation (DGMIF)	11 Mar 15
Prof K S Raju	Advanced Modeling Techniques for Reservoir Operation	Three Day National Workshop on Efficient Use of Available Water Resources For More Crop Per Drop (EUAWR-2015), VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad	18 Mar 15

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Prof Vasan	'Advanced Modeling Techniques for Water Resources Planning & Management' during a three day workshop on 'Efficient Use of Available Water Resources for More Crop per Drop'	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad	18-20 Mar 15
Dr Meenakshi V	Micro and Nanoscale Patterning using Benchtop Lithography	National conference on current trends in soft condensed matter held at Central University of Tamil Nadu, Thiruvavur	19-20 Mar 15
Dr Murari	Green Building Rating Systems	National Seminar on Recent Development in building Materials and Technologies (NSRDBMT - 2015)" at Gandhigram Rural Institute, Tamilnadu	28 Mar 15
Prof P Yogeeswari	'Research Ethics, IPR and Research Funding Opportunities' delivered at the 2-day 'Research Methodology Workshop'	Centre of Excellence in Water Resource Management, BITS Pilani, Hyderabad campus	3-4 Apr 15
Prof K S Raju	Hands on Session on Statistical Package for Social Sciences (SPSS)	Workshop on Research Methodology, Department of Civil Engineering, BITS Pilani, Hyderabad Campus	04 Apr 15
Dr. Balaram Ghosh	Global Prospect of Pharmaceutical Sciences	MLR institute of Pharmacy, Hyderabad	09 Apr 15
Prof P Yogeeswari	Multi-Disciplinary Research (MDR) Talks	BITS EMBRYO, BITS Pilani, Hyderabad campus	10 Apr 15
Dr S K Sahoo	Recent Trends on Multiplier Architecture	Gujarat technological University	10 Apr 15
Dr Aravinda N Raghavan	Measuring Nanoscale Internal Stress Relaxation to Understand unique Thermomechanical Properties of Polymer Nanocomposites	Fourth International Conference on Natural Polymers at Mahatma Gandhi University, Kottayam, Kerala	10-12 Apr 15
Prof N Rajesh	Comprehending the Interaction between Heavy Metals and Tailored Adsorbent Materials for Environmental Remediation	World Congress and Expo on Nanotechnology and Material Science, Dubai	13-15 Apr 15
Dr Shamuel Tharu	Left Wing Extremism and Its Implications for National Security	31 st Senior Officers' Study Period, College of Air Warfare, Hyderabad	16 Apr 15

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Dr Sanket Goel	Micro/Nanotechnology for Energy Applications	Innovation Center, Bundelkhand University, Jhansi	24 Apr 15
Dr Karthik Chethan V	3D Printing and its Biomedical Application	Academic program 3D Printing – Biomedical Applications, May 2, 2015, Global Hospitals, Hyderabad	02 May 15
Dr Sabareesh G R	Fluid Structure Interaction - Design Issues and Challenges	2nd International Conference on Emerging areas in Technology and Sciences, Saintgits College of Engineering, Kottayam, Kerala	02 May 15
Prof Suman Kapur	Role of Sophisticated Instruments in Herbal Drug Development	National Seminar on Quality, Safety and Efficacy of Ayurvedic drugs at Chitrakoot	23-24 May 15
Dr Srinivas Sajja	Institutional reforms in Irrigation Management: A review of Policy and Implementation issues in Telangana and Andhra Pradesh	National Workshop on Participatory Irrigation Management at VNRVJIT, Hyderabad	28 May 15
Prof K S Raju	Studies on Performance Evaluation of an Irrigation System	AICTE Sponsored 1 week National Workshop on Participatory Irrigation Management (PIM-2005), VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad	29 May 15
Dr Sarmistha Banik	Hyperon Equation of State and Core Collapse Supernova Simulations	Nuclear Physics Meet, Institute of Physics, Bhubaneswar, India	Jun 15
Dr Runa Kumari	Design of Dielectric Resonator Antennas	Design & Simulation of Antennas and Microwave Devices (DSAMD-2015) at National Institute of Technology, Rourkela	3-10 Jun 15
Prof A Ramu	Similarity Solution to Shock Waves	International Conference ICMBAA-2015, Department of Applied Mathematics, Aligarh Muslim University	4-6 Jun 15
Dr Sanket Goel	New devices and materials for Energy Applications	University of Maribor, Maribor, Slovenia	19 Jun 15
Dr Aruna Malapati	Analytics Driven Approaches for Handling Batch Jobs	Centrum Wiskunde & Informatica (CWI)	19 Jun 15

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Dr Sanket Goel	Microfluidics and Nanomaterials for Energy Applications, Nanotechnology and Advanced Materials	Central European Institute of Technology, Brno University of Technology, Brno, Czech Republic	22 Jun 15
Dr Aruna Malapati	Analytics Driven Approaches for Handling Batch Jobs	Vrije Universiteit Amsterdam	25 Jun 15
Dr Sumit K Vishwakarma	Rayleigh Surface Waves in Orthotropic Medium	Harbin Engineering University, Harbin China	26 Jun 15
Prof PN Rao	The Integrated Design Approach for Better Buildings	All India Seminar organized by The Institute of Engineers (INDIA), Hyderabad	30 Jun 15
Mr Digambar Powar	Cloud Computing & Allied Areas	Vasavi College of Engineering, Hyderabad	Jul 15
Dr Sabareesh G R	Extreme Wind Events-Laboratory Scale Simulation and Analysis of Low-rise Structures	State Key Laboratory for Disaster Risk Reduction, Tongji University, Shanghai, China	13 Jul 15
Dr B Mishra	Cosmological Model with Dark Energy in Scale Invariant Theory	International Conference on Mathematical Sciences (ICMS-2015), Department of Mathematics, S.V. University, Tirupati	13-15 Jul 15
Dr Sabareesh G R	Experimental Wind Pressure Estimation on Structures in Extreme wind Events like Tornado	Department of Civil Engineering, Beijing Jiatong University, Beijing, China	15 Jul 15
Dr Vikranth Kumar Surasani	Drying of Capillary Porous Media: Pore Network Drying Simulations	Aditya Birla Science and Technology Pvt Ltd, Navi Mumbai	16 Jul 15
Dr Durba Roy	Study of Disulfide Bond Scrambling in Animal Venoms through MD Simulation	UGC-Refresher course, Academic Staff College, University of Hyderabad.	17 Jul 15
Prof Y V D Rao	Course Engineering Mechanics	Interactive lecture session at Vasavi college of Engineering, Hyderabad	29 Jul 15
Dr Sanket Goel	3D printed Microfluidic/Lab-on-a-chip for various Biochemical applications	Fluidics HD, Indo-UK workshop at CSIR-CEERI, Pilani	Aug 15
Prof A Ramu	Non-linear Waves and Application	UGC sponsored national level seminar on recent advances in Mathematics and Applied Mathematics, Bahavan's new science college, Hyderabad	Aug 15

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Prof Suman Kapur	Turning Research into Tools: Emerging Technology Platforms in Immunodiagnosics & Therapy	International Conference on Biotechnology and Pharmaceutical Sciences at Leonia International Centre for Exhibitions & Conventions	3-4 Aug 15
Prof Suman Kapur	Turning Research into Tools: Emerging Technology Platforms For Point of Care Devices For Diagnosis	International Conference on Advances in Micro/ Nanotechnologies (ICAMB-2015) at PSG Institute of Advanced Studies, Coimbatore	7-8 Aug 15
Prof Suman Kapur	Role of Technology in Eye Care	ESO's International Vision Science and Optometry Conference (EIVOC)	14-16 Aug 15
Prof Y V D Rao	Robotics in Dental Applications	Army Dental college, Secunderabad	16 Aug 15
Prof CH Hota	First Indo-dutch meet on Collaborative Research in the Area of Pervasive Computing 'Light-Weight Code-self Verification for IoT Devices'	IIT, Delhi	20 Aug 15
Prof P Yogeeswari	Sponsored Research Grants: Importance and Logisitcs	Research Methodology Workshop as a part of the 1 st Telangana Association of Oral and Maxillofacial Surgeons of India	21 Aug 15
Prof Suman Kapur	RightBiotic: A point of Care (POC) Device for Detection of Antibiotic Sensitivity in Uropathogens	5 th Annual Conference of the Clinical Infectious Diseases Society (CIDSCON) 2015 at Gurgaon	21-23 Aug 15
Dr P Sankar Ganesh	Entrepreneurship as A Tool for Faculty Development	National Summit on Quality in Education, Attaining Institutional Excellence through Teacher Empowerment, Bangalore	Sept 15
Mr Digambar Powar	Architecting Software for the Cloud	DST-SERB, at Guru Nanak Institutions Technical Campus (GNITC), Hyderabad	Sept 15
Prof K S Raju	Engineering Challenges for Knowledge Era	48 th Engineers Day Celebrations, Hyderabad Metro Water Supply and Sewerage Board Engineers Association, Hyderabad	15 Sept 15
Dr MG Prasuna	Soft Skills and Personality Development	UGC Academic Staff College, Osmania University	21 Sept 15

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Prof CH Hota	Big Data Analytics for Throttling Network Threats	'International Workshop on Cloud and Bigdata Security' at Nanyang Technological University (NTU), Singapore	21-22 Sept 15
Prof K S Raju	Multicriterion Decision Making in Water Resources: Critical Perspective	Indian Institute of Technology, Hyderabad	22 Sept 15
Prof N Rajesh	Solid Phase Extraction for Chromium Speciation using Customized Green Adsorbents	National conference on analytical science and technology, Kerala	24-26 Sept 15
Prof K S Raju	Introduction to Artificial Neural Networks and its Application in Water Resources Engineering, One day Workshop on Advances in Water Resources Engineering (AWARE 2015)	RVR & JC College of Engineering, Guntur	26 Sept 15
Prof CH Hota	Data Analytics for Security	National level student symposium, Chaitanya Bharathi Institute of Technology, Hyderabad	30 Sept 15
Dr Sarmistha Banik	Nucleosynthesis in Decompressed Neutron Stars Crust Matter	AAPCOS, Saha Institute of Nuclear Physics, Kolkata, India	Oct 15
Dr P Sankar Ganesh	Entrepreneurship - A Paradigm Shift in Higher Education	National Higher Education Conclave, Governance and Quality systems in Higher Education, Coimbatore	Nov 15
Dr Santosh Mahapatra	Assessment Literacy: addressing local needs in the session on 'Localization of Teaching and Testing in Hindi and other Indian Languages'	National conference organized by National Testing Services, Central Institute of Indian Languages and Department of Linguistics, Banaras Hindu University	Nov 15
Prof P Yogeeswari	Leveraging Multiple Crystal Structures for Efficient Structure-based Drug Design: An Insight with Case Studies	UGC sponsored Short term course on 'In-Silico Drug Discovery and Structure-based Drug Design in Pharmaceutical Chemistry' at Centre for Pharmaceutical Sciences, IST, JNTUH, Hyderabad	02-07 Nov 15
Prof CH Hota	IT Security: Separating Myths from Reality	14 th Indo-Italian workshop on 'IT: Education, Research, and Industry' at B.M. Birla Science Centre, Hyderabad	5-6 Nov 15

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Dr Swati Biswas	'Polymeric Nanomicellar Systems for the Delivery of Chemotherapeutic Drugs in Cancer' in the conference	Nanostructured Polymeric Materials and Polymer Nanocomposites at Kottayam, Kerala	13-15 Nov 15
Prof K S Raju	Preparation of Research Proposals, One day Faculty Development Program on Research Proposals-Funding Agencies, Opportunities and Methodologies	CMR College of Engineering and Technology, Hyderabad	14 Nov 15
Prof K S Raju	Flood Modeling and Probability Assessment, Training Program on Urban Flood Management: Technology Driven Solutions	BITS Pilani, Hyderabad Campus	20 Nov 15
Prof K S Raju	Challenges in Urban Flood Modeling: Case Study of Hyderabad, Training Program on Urban Flood Management: Technology Driven Solutions	BITS Pilani, Hyderabad Campus	21 Nov 15
Dr Sunny Jose	'Logic an Reasoning' and 'How to Publish'	Research Methodology Course for PhD scholars organised by the Centre for Economic and Social studies, Hyderabad	16-25 Nov 15
Dr B Mishra	Dark Energy Cosmological Model with Hybrid Scale Factor	International Conference on General Relativity, Department of Mathematics, S.G.B. Amravati University, Amravati	25-28 Nov 15
Dr A Nemili	Discrete Adjoint based Optimal Active Separation Control on High - Lift Configurations	7th Symposium on Applied Aerodynamics and Design of Aerospace Vehicles (SAROD 2015) at Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram	2-5 Dec 15
Mr KCS Murti	Real Time Systems and Networking	D.L.R.L., Hyderabad	09 Dec 15
Dr Biswanath Dash	Cyclone Risk Mitigation: Evacuation during Hudhud	Flood and Cyclone Risk Mitigation and Management organized by Government of Andhra Pradesh held at MCR HRD Institute	09 Dec 15

Name of the Faculty Member	Title of the Lecture (L) / Workshop (W) and Occasion (if any)	Institution in which it was delivered / conducted	Duration / date (month date (-date). Year)
Prof K S Raju	Global Climate Models and Water Resources Planning: Case Study, Workshop on Urban Flooding	National Institute of Technology, Warangal	10 Dec 15
Dr J Subbalakshmi	Optical, Non-linear Optical and Semiconducting Molecular Materials Based on Organic Donor, Acceptor Molecules and Polyionic Polymers	First International conference on Advanced Materials for Power Engineering (ICAMPE 2015) at M.G. University, Kottayam	11-13 Dec 15
Dr Karthik Chethan V	Development of 3D Printable Biobased Filaments for Biomedical Applications	Challenges in Product Development of Medical Implants and Devices, IEST, Shibpur, West Bengal	18-19 Dec 15
Prof N Rajesh	Speciation of Chromium using Sustainable Adsorbent Materials - An Overview	National conference on new frontiers in chemistry (NFCFA 2015), BITS Pilani KK Birla Goa campus	18-19 Dec 15
Prof Suman Kapur	Turning research into tools: Emerging Technology Platforms in Point of care Diagnostics presented at Industry Institute Conference on Challenges in Product Development of Medical Implants and Devices	IEST Shibpur	18-19 Dec 15
Prof R Gururaj	Cloud-hosted Databases: Challenges and Opportunities	Gokaraju Rangaraju Institute of Engineering and technology (GRIET), Hyderabad	19 Dec 15
Prof Suman Kapur	Epidemiology in Health care Management presented	ICHTR at Manipal University	22-24 Dec 15
Dr Durba Roy	Studying a Neurotoxic Peptide through Multilayer ONIOM Model	Practical Session in winter school on 'Computational Chemistry' organized by UGC Networking center of School of Chemistry, University of Hyderabad.	23 Dec 15
Dr Biswanath Dash	Mainstreaming Disaster Risk Mitigation in Large Projects: NCRMP	Mainstreaming Disaster Risk Reduction and Climate Change Adaptation organized by Govt. of Andhra Pradesh	29 Dec 15

Sponsored Research Projects

S. No	Title of the Project	Principal Investigator	Funding Agency	Department	Sanctioned Amount	Duration	Sanctioned Date
1	Construction of arbitrary tensor networks using cross approximation techniques	Dr N Kishore Kumar	DAE	Maths	289500	3 years	1 Jan 15
2	Bioconversion of Coal Rejects To Biogas And Humic Acid	Dr Asma Ahmed	DBT-BIRAC	Chemical	4450000	3 years	14 Jan 15
3	Algorithms for Narrow Beam width Emitter Location(Anabel)	Prof Yoganandam	DLRL-Consultancy	EEE	994948	9 months	3 Mar 15
4	Mycobacterium tuberculosis acetyl coenzymes a carbonylase inhibitors: structure based drug design, synthesis and biological evaluation	Prof D Sriram	DST-Indo Polish	Pharmacy	1189000	2 years	22 Apr 15
5	Tumor targeted nanomedicines for Photodynamic therapy	Dr Swati Biswas	DST-Indo-Belarus	Pharmacy	958000	2 years	20 May 15
6	Pharmacological evaluation of novel double stranded RNA dependent protein kinase (PKR) inhibitors for diabetic cardiomyopathy	Dr Arti Dhar	CSIR	Pharmacy	716000	3 years	2 Jun 15
7	Studies on CO ₂ capture from flue gases using regenerable solid adsorbents	Dr Srikanta Dinda	CSIR	Chemical Engineering	666000	3years	18 Jun 15
8	PARALLAX: Lightweight Code Self-verification for IoT Devices	Prof Hota	DeitY	CSIS	3830000	4 years	2 Jul 15
9	UK-India Centre for Advanced Technology for Minimization of indiscriminate use of Antibiotics (UKICAT-MA)	PI - Dr Prashant Garg (LVPEI), Co-PI – Dr V Vamsi Krishna	DBT - MRC	Pharmacy	3500000	3 years	11 Aug 15
10	Characterisation of Fibre/ Matrix Interface in advanced composites	Dr Ramesh Babu A	DRDO	Chemical Engineering	996360	1 year	17 Aug 15

S. No	Title of the Project	Principal Investigator	Funding Agency	Department	Sanctioned Amount	Duration	Sanctioned Date
11	Aripiprazole sustained release injectable depot formulation	Dr Swati Biswas	Daewoong Pharmaceuticals	Pharmacy	859480	1 year	1 Sept 15
12	Design and synthesis & biological evaluation of Mycobacterium tuberculosis serine/threonine protein kinase B(PknB) inhibitors	Prof D Sriram	DST	Pharmacy	2761000	3 years	11 Sept 15
13	Investigations of folding of Cysteine-rich Neurotoxins in Ionic Liquids by Molecular Dynamics simulation and Quantum Mechanical calculations	Dr Durba Roy	DST	Chemistry	2522800	3 years	16 Sept 15
14	Comprehensive intelligent ARI Monitor for early detection of pneumonia in rural areas of Medchal Mandal, Telangana	Prof MB Srinivas	ICMR	EEE	795000	3 years	1 Oct 15
15	Spectral element methods for elliptic and parabolic interface problems in R2 on parallel computers	Dr N Kishore Kumar	DAE	Maths	1359100	3 years	9 Oct 15
16	Using CEFR based Bilingual Rating Scales to improve the writing ability of ESL learners: A Multiple case study	Dr Santosh Kumar Mahapatra	British Council	Humanities	148000	1 year	19 Oct 15
17	Role of double stranded RNA dependent protein kinase (PKR) in hypertension: Mechanism and prevention	Dr Arti Dhar	DST	Pharmacy	2604000	3 years	2 Dec 15
18	Daewoong Pharmaceutical Co., Ltd	Dr Srikant Charde & Dr Punna Rao Ravi	Daewoong Pharmaceuticals Co., Ltd	Pharmacy	527080	1 year	24 Dec 14

Off-campus Programmes and Industry Engagement

Industry Day

The Work Integrated Learning Programmes team grew with the addition of several professionals in various functions such as marketing, IT, instructional design, business development, etc. In September 2015, Mr. Rajiv Tandon assumed the role of Chief Operations' Officer, WILP. His focus is on growing the WILP operations and industry connects.

The new office of Off-campus Programmes and Industry Engagement was inaugurated 16 June 2015 by Prof. V.S. Rao. The WILP lecture rooms were also renovated. Additionally, a new studio with state-of-the-art equipment is now functional, and being used for various digital content creation activities.

In April 2015, Industry Day was organized with the objective of strengthening the Institute's industry engagement by entering into agreements with organizations in the areas of faculty industry immersion, student projects, invited lectures, Practice School and research. Senior executives from organizations such as Hindalco Industries, Larsen and Toubro, Tata Advanced Materials, Thermax and Tube Investments of India gathered at the Hyderabad campus and participated in various panel discussions and meetings. Various outcomes have emerged through the discussions that were initiated on Industry Day such as invited lectures, faculty industry immersion at Thermax, proposals for design projects with Tube Investments of India, etc.

Another area of focus was the development of non-teaching staff members. Several development workshops were conducted for the Operations' staff of Off-campus Programmes under this initiative. This also included a first of its kind, cross-campus workshop for non-teaching staff members on 18 and 19 December 2015. This workshop focusing on Leadership and Team Building was offered to thirty selected staff members from various divisions in all four campuses. This workshop received excellent feedback from the participants and also served as a way for staff members to connect with colleagues across campuses.



Industry Day



Cross-Campus workshop for non-teaching staff

Campus Life: Community Welfare Unit

The community celebrated a week long Ganesh Puja and Diwali in the new stage in children's Park. The celebrations ended with cultural performance from kids and adults in the community. The Independence Day and Republic Day celebrations in the campus were also organised by the CWU. Professionals visit the campus to teach musical instruments, classical dance, keyboard and yoga. A Zumba demo session by a trained professional was organised for staff and students. Community also actively contributed to organisations like YUVA in their clothes collection drive for old-age homes and orphanages. Children's day was organised by CWU in the children's park with lots of games and fun time for kids. For the first time, Sports and games competition were organised for the community members in the campus.



Ganesh Festival Celebrations



Janmashthami Festival Celebrations



International Women's Day



International Women's Day was celebrated on 8 March

Amphitheatre Inaugurated



Amphitheatre was inaugurated by Prof B N Jain Vice-Chancellor on 27 July 2015.

Inauguration of Basketball Gallery

The Basketball Gallery was constructed near Students Activities Centre was inaugurated by Prof V S Rao on 8 August 2015.



Republic Day Celebrations

Student Welfare Division – Fostering Cultures and Talents

Director Prof. V S Rao had hosted the farewell party to the students of the last batch of M Sc (Tech) Information Systems on 20 April 2015



Modi Mosaic



On the occasion of the Republic Day the students of BITS Pilani, Hyderabad, created a mosaic of our Prime Minister Shri Narendra Modi.

The mosaic composed of 4800 Individual chart pieces. The student volunteers along with 300 children from nearby orphanages conveyed their wishes and ambitions on these chart pieces.

The art took the volunteers about 20 hours, making it one of the biggest mosaic portrait measuring a massive 5.6 m in length and 4.2 m in width.

Arena

ARENA '15, National wide third Sports Festival was conducted from 5 - 8 February 2015 Mr Krishna Prasad Chigurupati & Mrs. Uma Chigurupati have participated in the inaugural of the event with participation of more than 100 colleges in various events like Foot Ball, Basket Ball, Cricket, Hockey, Volley Ball, Throw Ball, Kabaddi, Tennis, Badminton, Chess, Carom, Table Tennis, Billiards, Duathlon & Athletics.

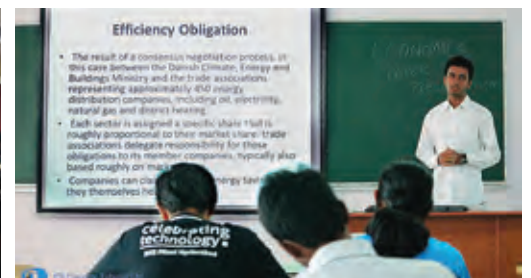
ARENA is the annual sports festival of BITS Pilani, Hyderabad campus was launched to bring out the sporting spirit in students from different parts of the country, and to create an opportunity for them to take part in various sporting disciplines, over a period of Four days. Arena'15 saw around 3000 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.



ATMOS



Needless to say, it began with a bang. There was a formal inauguration on 8 October 2015 attended by Director Prof. V.S. Rao & the chief guest Dr G Satheesh Reddy. This was followed by the informal session where the music club showcased three stellar performances: an A Capella, a fusion of the Interstellar background score, and an original instrumental composition. Next in line was an Indian classical dance performance by members of the dance club. Then came the dramatics club, as usual amusing one and all. Their Hindi play centered on the theme of Euthanasia and the English one lightened the atmosphere with some witty dialogues and various accents. The dance club brought the night to an end, with an assortment of performances to multiple songs. A sense of satisfaction and excitement pervaded the air as people filed out of the auditorium, looking forward to AV Quiz and a night full of horror movie screenings.



Convocation '15

Hyderabad campus Convocation was conducted on 26 July 2015. The Chief Guest, Dr Karan Singh, Member of Parliament, Rajya Sabha, Vice-Chancellor Prof BN Jain have participated in the Fourth Convocation of the campus for award of various degrees [First Degree (651 Students), Higher Degree (84 Students)& Ph. D (13 Students)] who have qualified at the end of II Semester 2014-15.

Ms. Anupriya Gagneja (2011A7PS545H), Mr Pratyush Mahapatra (2011A3PS042H) and Mr Shyam Krishna Shenoy A (2011A4PS001H) were the winners of the gold, silver and bronze medals respectively.



L to R: Bronze, Silver and Gold medalists



Pearl 2015



Pearl '15, the annual National Cultural Festival of BITS Pilani, Hyderabad campus was inaugurated by Mr VB Gadgil, MD, L&T Metro, Hyderabad. It has entered the 5th edition with a theme of Mythology. With headlining acts by Vishal Shekar and Xandria, Pearl has now become a fest of National repute. With almost 5200 students participating in it, Pearl is one of the most sought festivals in India hosted from 14 to 16 March 2015.

The headlining acts were:

- International Rock Show by Xandria for the first time in India.
- Bollywood Show by Vishal Shekar.
- Classical Performance by Aarushi Mudgal.
- Coke studio night by Advaita.
- Film star fame Mr Nani and Ms Akshara Hasan were the guests during the Fest.
- DJ night by Nikil Chinappa VH1 Supersonic.
- Glitterati fashion show.
- Arts and deco constructed 13" Trojan horse with a theme Mythology.



Photo courtesy: Prasanth Inturi

Introducing New Faculty (1 January – 31 December 2015)

S.No.	Name	Designation	Department	Research Area
1	Dr Mohan S C	Asst. Professor	Civil	Structure (Civil)
2	Dr Anasua Guharay	Asst. Professor	Civil	Civil (Geotechnical Engineering)
3	Dr Arkamitra Kar	Asst. Professor	Civil	Advanced Construction materials/ Structural Engineering
4	Dr Naveen James	Asst. Professor	Civil	Geotechnical Engineering
5	Dr Sridhar R	Associate Professor	Civil	Highway Engineering
6	Mr Sanjeev Kumar Singh	Lecture	CS & IS	Computer Science
7	Prof Anand Magadi Narasimhamurthy	Associate Professor	CS & IS	Machine Learning Data Mining
8	Dr Sumit Kumar Chatterjee	Asst. Professor	EEE	VLSI Designation and Image Processing
9	Dr Soumya J	Asst. Professor	EEE	Embedded Systems
10	Dr Souvik Kundu	Asst. Professor	EEE	Electrical & Electronics Engineering
11	Prof Sanket Goel	Associate Professor	EEE	Microfluidics Mems nanotechnology Biomedical energy Devices
12	Prof Parthapratim De	Associate Professor	EEE	Signal Processing & wireless communications USA
13	Dr Surya Shankar Dan	Asst. Professor	EEE	Nanoelectronics, device modeling semi conductor device physics
14	Prof Arup Maharatna	Professor	Humanities & Social Sciences	Development Economics & Demography population
15	Prof Sunny Jose G	Associate Professor	Humanities & Social Sciences	Development Studies
16	Dr Biswanath Dash	Asst. Professor	Humanities & Social Sciences	Disaster Science Technology Studies public policies
17	Dr Sharan Gopal	Asst. Professor	Mathematics	Mathematics (Topological Dynamics)
18	Dr N Anil	Asst. Professor	Mathematics	Computational Aerodynamics
19	Dr R Parameshwaran	Asst. Professor	Mechanical	Mechanical Engineering - Thermal
20	Mr Ramsankar V	Lecture	Mechanical	Thermal Engineering
21	Dr Satish Kumar Dubey	Asst. Professor	Mechanical	Mechanical Engineering - Thermal Engineering
22	Dr Arshad Javed	Asst. Professor	Mechanical	Robotics Mechatronics Design
23	Dr Supradeepan K	Asst. Professor	Mechanical	Aerospace Engineering
24	Dr Sujith R	Asst. Professor	Mechanical	Materials Science
25	Dr Ram Chandra Murthy Kalluri	Asst. Professor	Mechanical	Computational Fluid Dynamics Mechanics Engineering
26	Dr Santanu Prasad Datta	Visting Faculty	Mechanical	Thermal Engineering mechanics
27	Dr V N Surendra Kamadi	Visting Faculty	Mechanical	Mechanical Engineering Design Solid mechanics & Fracture Mechanics

It is a wonderful opportunity to look at the campus of a temple atmosphere and to learn about the innovative projects that are conducted by students and faculty together under the able visionary Prof. V S Rao. They say 'Live and learn' even at my age I do. Thanks.

Dr K Subba Rao
Director, Research KIMS and KMERF Hyderabad

It is really a magnificent campus and a lovely educational institute. It was great pleasure to inaugurate cultural Festival Pearl 2015. I am sure it will be a great extravaganza of cultural activities. Wishing all the best.

Mr V B Gadgil
MD, L&T Metro, Hyderabad

I am extremely glad to be here today and go round the wonderful educational institution which is undoubtedly one of the best in the country. A new version of BITS at Pilani. My sincere wishes to the institutions in the times to come.

Justice Raghuvendra S Rathore
Rajasthan High Court, Jaipur

It has been a pleasure to visit this fine Hyderabad campus of Pilani (BITS) and to have interacted with the students and the academic community. My warm greetings to the whole Pilani Pariwar.

Dr Karan Singh
M P

Amazing campus & students I wish I could go back to study here again.

Mr Krishna Chigurupati

Excellent, infrastructure & ecosystems to shape the brilliant-dynamic young people useful for building the India as a responsible power.

Shri Muralidhar Rao
General Secretary, BJP New Delhi

Fantastic place, great infrastructure and Faculty. Very happy to be here.

Mrs Uma Chigurupati

Excellent campus with pool of talents and energetic and ambitious students. I wish all the best. My hope is that students should fully utilize the facilities which are available.

Dr K Lakshminaraya, IAS
Govt. of AP

Excellent campus, fantastic facilities, enthusiastic students and an efficient management organizing the tech fest inviting students all over India. My best wishes to all the students, faculty and management and also wishing the Institute to become one of the best in the world.

Dr G Satheesh Reddy
Scientific Advisor to Rakshna Mantri and
Director RCI, Hyderabad

OBITUARY



*Dr Sarla Birla
(1924-2015)*

Dr Sarla Birla wife of Shri B K Birla passed away on Saturday 28 March 2015 at New Delhi at the age of 91. An accomplished academic, an extremely supportive wife, a doting mother, a philanthropist, and a pragmatist, Dr Sarla Birla was a human being of rare quality. She was born on November 23, 1924 at Kuchhaman in Rajasthan to Mr Brijlal Biyani, a respected freedom fighter. She was married to Mr Basant Kumar Birla and was the daughter-in-law of the pioneering industrialist Mr G D Birla. She was also the grandmother of Shri Kumar Mangalam Birla. In partnership with her husband, she laid the foundations of numerous educational institutions like the Birla Institute of Technology & Science (BITS), Ashok Hall Group of Schools, Mahadevi Birla World Academy, and the G D Birla Centre for Education. Her collection of Indian art, including those displayed at the Birla Academy of Art and Culture in Kolkata, ranks among India's most distinguished private collections.

A condolence meeting for Dr Sarla Birla was held at BITS Pilani Hyderabad campus on 31 March 2015, where the students and the staff members paid a rich tribute. Dr Sarla Birla was a true visionary with progressive outlook towards life and she will be missed by the BITS community.

innovate

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lead

BITS Pilani

Hyderabad Campus



బిట్స్‌ను విస్తరిస్తాం

ప్రతి నీటిబొట్టు భూమిలోకి ఇంకాళి



BITS in Media



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