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Hyderabad Campus



Prof G Sundar, Director interacting with Chess Grandmaster and recipient of the Arjuna Award, Ms Harika Dronavalli at ARENA 2017

Visitors



Dr Alla Gopala Krishna Ghokhale



Dr. P S Reddy



Dr. K. S. Ratnakar



Shri Madhsudhana Chary



Sirivennela Seetharama Sasthry Gaaru



Dr Shashi Tharoor



Kenny Sebastian



Shri Talari Sanjeevaiah



Shri Venkatesh Daggubati



General Bikram Singh



Sonu Nigam



Shri Mahesh M Bhagwat

Academic Confluence of Ideas, Intellect and Information

Workshop-cum-Training Program on Urban Flood Management: Technology Driven Solutions March 3-4, 2017

Prof K Srinivasa Raju and Prof A Vasana from the Centre of Excellence in Water Resources Management (CEWRM), Department of Civil Engineering, Birla Institute of Technology and Science Pilani, Hyderabad campus organized Workshop-cum-Training Program on Urban Flood Management: Technology Driven Solutions during March 3-4, 2017. The objective was to create a platform for academicians, scientists, research scholars and officials to share their views and improve understanding as well as knowledge on urban flood management. A total of 65 researchers participated in the event. The Workshop-cum-Training Program is a part of a sponsored project entitled "Integrated Urban Flood Management: Technology Driven Solutions, sponsored by IT Research Academy (ITRA) a national programme initiated by Ministry of Electronics and Information Technology (MeitY), Government of India" with an aim to promote research that helps society. Several expert talks from Prof PP Mujumdar (IISc Bangalore), Prof Dev Niyogi (Purdue University USA), Prof AK Sarkar (BITS Pilani, Pilani Campus), Prof MS Mohan Kumar (IISc Bangalore) and Prof NV Umamahesh (NIT Warangal) were organized. Ms V Swathi (BITS Pilani, Hyderabad Campus) along with her team conducted a session on Storm Water Management Model (SWMM) software where all participants experienced the intricacies of SWMM. A panel discussion on the theme "Urban Flood Resilience Management in India" was also organized. Interactive and thought provoking discussions happened between esteemed panel members. The most interesting part of the panel discussion was enthusiasm of the participants. It was felt by panel that unified action is necessary for implementation at the field level.



Participants in the Workshop-cum-Training Program on Urban Flood Management: Technology Driven Solutions held on March 3-4, 2017

Two-day workshop on "Document writing using LaTeX" May 2017

The main objective of the workshop was to create awareness among young researchers about document writing using LaTeX. This workshop aimed at promoting the knowledge and the limitations of the different document writing packages and how LaTeX overcomes this hurdles. The workshop focused on various aspects of document creation such as document structure, text formatting, page layout, title creation, footnotes and margin notes, paragraph formatting, list structures, tables, importing graphics, floats, figures, captions, labels and cross-referencing, thesis writing, creating presentations, hyperlinks, fonts and colors with hands-on practice. About 20 PhD scholars from various disciplines participated in the workshop which was organised and conducted by Dr Supradeepan K



Dr G Geethakumari, faculty from the Dept of Computer Science organized a one-day workshop titled 'Unveiling CFIT: Cloud Forensic Investigator Toolkit – A Technology Showcase', on January 30, 2017 in BITS Pilani, Hyderabad Campus.



International Visits by Faculty

- P Yogeewari & Cathepsin D. They looked at inhibitors as potential therapeutics for breast cancer treatment against triple negative and triple positive breast cancers. They were part of Keystone Symposium on Cancer Immunology and Immunotherapy: Taking place a mainstream oncology (C7-2017), 19-23 March 2017, Whistler, British Columbia, Canada. They were awarded with Bill and Melinda Gates Foundation Global Health Travel Award.



- Prof P Yogeewari was an invited speaker at the 8th Annual Congress of NeuroTalk-2017 (NT-2017) on 22-24 May 2017, Barcelona, Spain.
- KVG Chandra Sekhar, S Srinivas Rao, K Mahalakshmi Naidu, Shashidhar Nizalapur, Naresh Kumar attended the 5th International Conference on Current Concepts in Chemistry, organised by Indian Council of Chemists at Bali, Indonesia (7-9 June, 2017).
- Jayanthi Subhalakshmi presented a paper at the 19th International Conference on Solid State Chemistry on 19-20 January, 2017 at London.
- Prof Sanket Goel presented a research paper in SPIE Photonics West 2017 held at San Francisco, USA.
- Dr Souvik Kundu presented a research paper in 2017 at the 7th International Conference on Advanced Materials Research (ICAMR 2017) held at Hong Kong.
- Dr Runa Kumari presented a research paper in International Conference on Computational and Experimental Engineering and Sciences (ICCES 2017) held at Madeira, Portugal.
- Dr Soumya J presented a poster at Design Automation Conference held at Austin, Texas, USA (18-22 June, 2017).
- Dr Chandu Parimi presented a paper at International Society for Biomechanics conference 2017 in Brisbane, Australia (23-26 July, 2017).

- Dr Abdul Quadir presented a paper in the Economic Design Conference, hosted by York University, York, UK (14-16 June, 2017).
- Dr Sudatta Banerjee presented a paper in the XXVI Meeting of the Economics of Education Association held in Murcia, Spain (29-30 June, 2017).
- Dr Swati Alok presented a paper at the 2017, Annual Conference of International Association for Conflict Management (IACM) in Berlin, Germany organized by Ross School of Business, University of Michigan (9-12 July, 2017).
- Prof Deshmukh presented a paper at World Renewable Energy Congress at Murdoch University, Western Australia, (5-9 February, 2017).
- Dr Arshad Javed attended the Proceedings of the 7th International Workshop on Computational Kinematics held at Futuroscope-Poitiers, France, May 2017.
- Dr GR Sabareesh presented in the 7th European African Conference on Wind Engineering, Belgium, July 2017.
- Prof C Hota visited Colombo, Sri Lanka to deliver a talk on "Indian Higher Education Landscape: A perspective" and participated in India Education Fair at Colombo, event supported by Indian High Commission, and Sri Lanka, February 2017.



He also visited Valencia, Spain to present a research paper at 13th IEEE International Wireless Communications and Mobile Computing Conference (IWCMC 2017), organized by University of Valencia, Spain.



- Dr G Geetha Kumari presented a research paper at the 11th ACM International Conference on Ubiquitous Information Management and Communication, (ACM IMCOM 2017), in Beppu, Japan, 5-7 January, 2017.



- Prof Souri Banerjee presented a paper in the 7th International Conference on Advanced Materials Research held in Hong Kong (January, 2017).
- Prof Kannan Ramaswamy presented two papers at the International Conference on Surface Plasmons and Photonics (SPP8) in Taiwan (May, 2017).
- Dr N Kishore Kumar visited the University of New South Wales, Sydney, Australia and presented the research paper during 13-17 February, 2017. This visit was funded by BITS, Pilani – Hyderabad campus.
- Prof PK Sahoo visited CERN, Geneva, Switzerland as a Visiting Scientist from 22 May - 11 June, 2017. This visit was funded by BITS Pilani, Hyderabad Campus under University Exposure Abroad Scheme.
- Dr Jagan Mohan Jonnalagadda visited Department of Mathematics, University of Dayton, Ohio, USA for collaborative work on "Fractional Order Boundary Value Problems" during 22 May - 15 July, 2017. This visit was funded by BITS Pilani, Hyderabad Campus under University Exposure Abroad Scheme.
- Dr N Kishore Kumar visited Westsächsische Hochschule Zwickau, Germany for collaborative work on "Numerical Techniques for Partial Differential Equations" during 1-20 June, 2017. This visit was sponsored by BITS Pilani, Hyderabad Campus.
- Dr Manish Kumar visited Department of Mathematics, University of Central Florida, Orlando, Florida, USA for collaborative work on "Approximation Properties of Wavelet Packets and Applications" during 27 June - 25 July, 2017. This visit was funded by BITS Pilani, Hyderabad Campus under University Exposure Abroad Scheme.
- Prof B Mishra visited Bauman Moscow State Technical University, Moscow, Russia and presented a paper during 3-6 July, 2017. This visit was sponsored by the Organizer, CSIR and BITS Pilani, Hyderabad Campus.
- Prof P Yogeewari visited UCI Technology Business Centre for a Business Plan Competition held in June, 2017 at Irvine, California, USA.
- Maya Vinai presented a paper at South Asia Literary Association (SALA) Conference in Philadelphia, Pennsylvania, U.S.A (2-4 January, 2017).

Accolades

Faculty Awards

- Dr Gireesha T Mohannath has been awarded Ramanujan Fellowship by the Department of Science and Technology (DST), Govt. of India.
- Prof K Srinivasa Raju has become an Associate Editor, ISH Journal of Hydraulic Engineering, Taylor & Francis, U.K.
- Dr Swati Alok presented her paper at IPE, Hyderabad, organized by ICSSR. This paper had been awarded "The Best paper" of the conference (30-31 January, 2017).
- Ms Supriya Lakhtakia was chosen as an intern to work with NITI Aayog in June 2017.
- Dr G Geetha Kumari, received a Letter of Appreciation from Intelligence Bureau, Ministry of Home Affairs, Govt. of India, on 11 April, 2017, regarding the successful development of the Cloud Forensic Investigator Toolkit (CFIT), designed and developed as the outcome of the DIT-funded project.
- Dr Rahul Nigam was made an associate member of Inter-University Centre for Astronomy & Astrophysics (IUCAA), Pune for a further period of 3 years from 2016-19.
- Dr Sarmistha Banik was made an associate member of Inter-University Centre for Astronomy & Astrophysics (IUCAA), Pune for a further period of 3 years from 2016-19.
- Prof Kannan Ramaswamy chaired a session at the International Conference on Surface Plasmons and Photonics (SPP8) held in Taiwan (May, 2017).
- Dr Santosh Mahapatra received British Council recognition under the Aptis Action Research Mentoring Scheme.
- Dr Trinath Jamma and Dr Vivek Sharma has been awarded OPERA
- Prof P Yogeewari & Dr Aruna Malapati received "Women in Education" Award presented at the Dewang Mehta National Education Awards function held at Institute of Public Enterprise, Hyderabad (15 April, 2017).

Student Awards

- Mr Abhishek Nilabh Ghosh received the summer Intern fellowship at IISC, Bengaluru.
- Mr Darshanchauham, Miss Reeti Sarkar, and Mr Kaushal Raut have been admitted to doctoral programs at Portland State University, TU Delft, & Georgia tech respectively. Miss C Leela Sushitha from the present final year first degree batch was awarded the prestigious IASc-INSA-NASI Summer Research Fellowship at IISC., Bangalore.

- Dr Arti Dhar's Ph.D. student Ms Mary Priyanka Udumula won first prize in oral presentation at Conference on Drug Discovery & Development focus on cancer and diabetes, held at NIPER, Hyderabad (16-17 March, 2017).

Books Published

- K Srinivasa Raju and D Nagesh Kumar, Impact of Climate Change on Water Resources-Modeling Techniques and Case Studies, Springer Climate Series, Springer, ISBN-978-981-10-6110-3, In Print, 2017.
- K Srinivasa Raju and A Vasani (Editors), Sustainable Holistic Water Resources Management in a Changing Climate, Jain Brothers, New Delhi, 2017.
- Tenepalli Hari and Shamuel Tharu (eds.) Babasaheb Dr BR Ambedkar and Social Democracy: Battling the Iconic Ghettos of Caste and Patriarchy Sunrise Publications: New Delhi 2017.

Joining Hands (MoU)

- With the initiation and effort of the department of Economics and Finance, a MoU was signed between BITS Pilani and Credit Suisse on 8 August, 2017. In view of that, Credit Suisse has developed a course "Financial Risk Analytics and Management" along with our faculty colleagues and has been delivering the lectures related to the course, this semester.



Distinguished visits

A Team from National Cancer Institute visited the Department of Biological Sciences in July 2017 for collaborations in cancer research and in conducting workshops.

Alumni Achievements

- Mr Rairkar Aditya Sanjeev (2011B5AA518H) secured all India rank No. 2 in JEST (Joint Entrance Screening Test) which is used by leading research institutes in India for admission to Ph.D in Physics. Based on this result, he has subsequently joined the Ph.D programme at Tata Institute of Fundamental Research, Mumbai. He also secured All India rank No. 7 in GATE 2017 in ECE stream.

Patents Published / Issued

- Swati Biswas, Balam Ghosh, Muddineti Omkara Swami. A nano-micellar composition for drug delivery and method for preparing the same. Patent application number. 201711016379.
- Swati Biswas, Balam Ghosh, Vishnu Kiran Rompicharla, Prakruthi Trivedi. A chemotherapeutic composition for treating malignant tumors and method for preparing the same. Patent application number. 201711028012.

Social Initiatives

- Dr Arti Dhar has started working as the Co-ordinator of NSS (National Service Scheme) at BITS Pilani - Hyderabad campus.

International Programmes and Collaboration Division (IPCD)

Student Activity

IPCD along with CIIE supported the following four student entrepreneurs to participate in BITSAA Global Meet-2017, that was held at BITS Pilani, Dubai campus from 5th to 7th January, 2017:

- Harshit Soni: Smilemiddle
- Sarthak Mahapatra: Acadmica
- Shivam Mittal: The Scholar
- Suraj Partani: High-rise glass cleaning robot

IPCD provided the 'Partial Financial Support' to six students who pursued their off-campus thesis in foreign universities. The details are given below:

- Adithya Murali (Universite de Bordeaux, France)
- Vikas A G (Sungkyunkwan University, South Korea)
- VVS Gargeya (Purdue University, USA)
- Shreyas Nandi (National University of Singapore, Singapore)
- Chandrara D (INRIA, Sophia Antipolis, France)
- Smiriti Shah (Singapore University of Technology and Design, Singapore)

Mr Aditya Narayan, a final year Mechanical Engineering student is currently attending a full paid internship at University College, Dublin, Ireland. This mobility was based on the MoU signed between UCD and BITS. Signing the MoU was followed by the visit of Prof K Ravindranathan Thampi, Vice-principal Internationalization Engineering & Architecture, as Scholar-in-Residence in November, 2016.

Ms Shruthi Sivasubramanian, a student of Electrical and Electronics Engineering completed her Semester Abroad Program at National University of Singapore during the second semester, 2016-17.

Visiting Speakers and Collaborations

Prof Vijay Kumar, Curators' Distinguished Professor, Director of International Academic Program, SCE, Computer Science Electrical Engineering, University of Missouri, delivered a talk and interacted with faculty members of the Department of Computer Science and Information Systems on 6th January, 2017. This was followed by a discussion with IPCD for collaboration with UMKC.

Dr Roger Brindley, Vice President, University of South Florida, visited our campus on 26th April, 2017 to discuss research collaborations and initiating a student and faculty exchange program.

Prof Tracy Rushmer, Associate Dean, Higher Degree Research, Faculty of Science and Engineering, Macquarie University, visited our campus on 27th March, 2017, to discuss research partnership models at Macquarie in particular, the Bologna model, best practices, research strengths, and funding opportunities. She delivered a talk for faculty, PhD scholars and higher degree students.

On 8th April, 2017 Prof Kevin Truman, Dean and Vice Provost, University of Missouri, gave a talk on Scholarship Opportunities at UMKC in light of the new visa policies.

Other Activities

Prof Suman Kapur, Dean, IPCD and few other colleagues participated in the First Indo-German Institutional Networking Forum held at Hyderabad on 23rd February, 2017. Eleven institutions from Germany participated in this event that was intended to offer an opportunity to BITS and other Indian institutes to strengthen their existing contacts and establish new and long-term partnerships.

IPCD conducted 'Open Houses' a platform to discuss activities of IPCD, followed by Q&A sessions, across the campuses of BITS Pilani over TelePresence.



Prof Tracy Rushmer, Macquarie University with the students



Prof Kevin Truman, University of Missouri at Kansas City addressing the students

Distinguished Lectures and Guest Lecture Series

Presenter	Details of the Talk	Department	Date
Dr Shrabani Dinda	Activation of Small Molecules: Perspectives from Computational catalysis	A*STAR, Singapore	8 January, 2017
Dr Sudarshan Mahapatra	Molecular link to Active Pharmaceutical Ingredients (API) development	Dr. Reddy's Lab	10 February, 2017
Dr Sriram Kanvah	Fluorescence of α -Cyanostilbenes: Aggregates and Self-assemblies	IIT Gandhinagar	21 February, 2017
Dr Beena Pillai	Noncoding RNA mediated gene regulation	Institute of Genomics and Integrative	9 January, 2017
Dr KJ Mukherjee	Designing host platform for over expression of recombinant protein	Dean, Jawaharlal Nehru University	10 February, 2017
Dr Indumathi Mariappan	The making of miniature organs: Organogenesis in vitro	LV Prasad Eye Institute	06 March, 2017
Prof Ganesh Thiagarajan, University of Missouri – Kansas, USA	Interaction with department faculty towards future collaboration	Mechanical Engineering	14 June, 2017
Dr Mithun Das Gupta, Principal Applied Scientist, Microsoft India, Hyderabad	Contextual Event Summary Threads: Tracking evolution of underlying events in real time via dense clusters in a dynamic graph	Microsoft India, Hyderabad	17 February, 2017
Dr Manoj Agarwal, Senior Applied Scientist, Microsoft India, Hyderabad	Deep Learning and its applications	Microsoft India, Hyderabad	17 February, 2017
Prof Sibasish Ghosh, Institute of Mathematical Sciences, Chennai	On unitary dilation of open quantum system dynamics	Physics	23 February, 2017
Prof Bindu Bambah, Dean, School of Physics, University of Hyderabad	Physics of the Big and the Small	Physics	28 February, 2017 (National Science Day)
Sriram Karri	An interaction with Shashi Tharoor	HSS	23 April, 2017

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 N Rajesh	Perspective on green adsorbents to sequester chromium from water	Dibrugarh University, Assam	10-11, March 2017
Dr Durba Roy	Molecular dynamics study of conformational switch and disulfide bond isoform equilibrium in a conopeptide	HBCSE, Mumbai,	23-24 February, 2017
Dr Sounak Roy	Harvesting visible light with magnetically recoverable suitable band gap semiconducting oxide for photoreduction Cr (VI)	Mahatma Gandhi University, Kottayam, Kerala	10-12 February, 2017
Prof Ramakrishna Vadrevu	National Seminar on Biosciences: Potential and Future Prospects	Sri Sathya Sai Institute of Higher Learning (Deemed to be University) Anantapur Campus	13-14 February 2017
Prof K Naga Mohan	A search of epimutations in Autism	Institute of Genetics, Osmania University, Hyderabad	22-23 February 2017
Prof Sanket Goel	Role of Practical Knowledge in Engineering	Geethanjali College of Engineering and Technology, Hyderabad	7 April, 2017
Prof Sanket Goel	Towards Microfluidic Enzymatic Biofuel Cell: Recent developments and pathways	CSIR-Indian Institute for Chemical Technology (IICT), Hyderabad	28 February, 2017
Prof Sanket Goel	BioMEMS Micro-devices for Biomedical Applications	KL University, Vijayawada, AP,	31 March, 2017
Prof Sanket Goel	Evolution of Microfluidic / Lab-on-a-chip Devices for Energy and Biomedical Applications	Indian Institute of Information Technology, Hyderabad	1 April, 2017
Dr Runa Kumari	Bandwidth enhanced techniques for Metamaterial antennas	ICCES (International Conference on Computational and Experimental Engineering and Sciences) 2017, at Madeira, Portugal.	June 2017
Dr Runa Kumari	Modern Antennas and its applications	Vignans Institute of Management and Technology for Women, Hyderabad.	July 2017
Dr Soumya J	Embedded Systems and empowerment of women	Sidhartha Engineering College, Vijayawada	February 2017
Mr KCS Murti	Role of GIS in information management and eGovernance	APHRDI	July 2017
Mr KCS Murti	Factors contributing to the success of MIS projects		July 2017
Dr Alivelu M Parimi	Application of FACTS in Power Systems	Narayanamma Engineering College (GNITS) Hyderabad	14-18 March, 2017
Prof K Srinivasa Raju	Artificial Neural Networks in Water Resources Engineering and Career Guidance	Nalla Narasimha Reddy School of Engineering, Hyderabad	30 August, 2017
	Advanced Aspects of Civil Engineering and Career Guidance in Civil Engineering	KKR and KSR Institute of Technology and Sciences, Guntur,	25 July, 2017
	Optimization Applications in Civil Engineering, A One Day Workshop on Applications of Optimization	Chaitanya Bharathi Institute of Technology, Hyderabad	30 March, 2017
	Novel Engineering in Water Strategies (NEWS-17) on the Occasion of World Water Day 2017	CMR College of Engineering and Technology, Hyderabad	22 March, 2017
	Career Guidance Talk on GATE and Engineering Services	Birla Institute of Technology and Science – Pilani Hyderabad Campus	6 March, 2017
	Urban Flood Modeling and Management-Case Study of Hyderabad, Workshop-cum-Training Program on Urban Flooding: Technology Driven Solutions.	Birla Institute of Technology and Science – Pilani Hyderabad Campus	4 March, 2017
	Multicriterion Analysis and Decision Making: An Overview, International Conference on Technological Advances in Climate-Smart Agriculture and Sustainability (TACSAS-2017)	SGGS Institute of Engineering and Technology, Nanded	18 January, 2017

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 A	Delivered an invited lecture on "Engineering Optimization Using Firefly & Cuckoo Search Algorithm" during the One week TEQIP – Short Term Training Program on "Soft Computing Techniques in Engineering Applications"	Government College of Engineering Aurangabad	17 February, 2017
Mr Kalyana Rama JS	Delivered an invited talk on "Repair and Rehabilitation of Structures" and "Concepts of Earthquake Resistant Design" during a one day workshop on "Recent Trends"	Dhanekula Institute of Engineering and Technology, Vijayawada,	18 February, 2017
Prof Sridhar Raju	Delivered a talk on Structural Evaluation and Strengthening of Flexible Road Pavements using Falling Weight Deflectometer (FWD) Technique (IRC:115-2014)	Organized by Indian Academy for Highway Engineers at Noida	01-05 April, 2017
Prof Sridhar Raju	Delivered a talk on Design of Flexible Pavements, Preparation of Detailed Project Reports (DPR) Including Economic Evaluation for Highway Projects	Organized by Indian Academy for Highway Engineers at Tiruvananthapuram	22-26 May, 2017
Prof Sridhar Raju	Delivered a talk on Design of Flexible Pavements	Organized by Indian Academy for Highway Engineers at Noida	12-17 June, 2017
Dr Bheemeshwar Reddy A	Analysis of National Sample Survey Unit-level Data	Kerala State Planning Board Office, Thiruvananthapuram	16-17 March, 2017
Dr GR Sabareesh	International workshop on Gusty Wind, Thermal Environment and Energy Saving	Tokyo Polytechnic University, Japan	March 2017
Prof C Hota	Systems security (IoT Security and Network threat monitoring), ACM-India Summer School on Information and Systems Security	Vellore Institute of Technology (VIT), Vellore,	12-13 June, 2017
Dr Subhrakanta Panda	Security Testing of Mobile Applications: An Introduction Workshop: Recent Trends in Software Testing (RTST-2017)	NIT Rourkela	22 July, 2017
Dr KVS Shiv Chaitanya	Stieltjes electrostatic model of quantum mechanics	Energy Materials and Nanotechnology meeting on Quantum" held in Vienna, Austria in June, 2017.	18-21 June, 2017
Dr Sarmistha Banik	Properties of rapidly rotating Proto Neutron Star with antikoon condensates at constant entropy	CNRS, Paris, France	31 May - 2 June, 2017
Dr Sarmistha Banik	Critical mass, moment of inertia & universal relations of rapidly rotating neutron stars with exotic matter	European Center for theoretical studies in Nuclear Physics and related areas in Trento, Italy,	5-10 June, 2017
Prof B Mishra	"Anisotropy in dark energy hi type Vlh cosmological models in modified gravity" in the National Workshop on Applications of Advanced Mathematics in Engineering and Sciences	AU College of Engineering, Andhra University, Vizag, India.	28 February - 1 March, 2017
Prof PK Sahoo	"Big rip singularity in f(R,T) gravity" in the International Conference on Mathematical Analysis and its Applications	Dayanand Science College, Maharashtra, India.	5-9 March, 2017
Dr Manish Kumar	"Image encryption using generalized heat equation associated in extended Vigenère cipher domain" in the 3rd International Conference on Mathematics and Computing	Haldia Institute of Technology, West Bengal, India	17-21 January, 2017
Dr Manish Kumar	"An overview of RGB image encryption techniques" in the 3rd International Conference on Mathematics and Computing (2 Hours Lab)	Haldia Institute of Technology, West Bengal, India	17-21 January, 2017

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 N Kishore Kumar	"Finite element methods" in the National Workshop on Numerical Techniques for Partial Differential Equations (4.5 Hours Lecture & 1.5 Hours Lab)	VNIT Nagpur, India	10-14 July, 2017
Dr Sumit Kumar Vishwakarma	Application of MATLAB in science and engineering	AMITY University, Ranchi, India	30 May, 2017
Dr Sharan Gopal	Topological dynamics and significance of periodic points	Ashoka University, Haryana, India	4 April, 2017
Dr Anil Nemili	"Finite element methods" in the National Workshop on Numerical Techniques for Partial Differential Equations (4.5 Hours Lecture & 1.5 Hours Lab)	VNIT Nagpur, India	10-14 July, 2017
P Yogeeswari	Discovery of new small molecule inhibitors of HIV protease: Multiple pharmacophore modelling, 3D-QSAR and virtual screening	Prof KV Thomas Endowemnet International Symposium	9-11 February 2017, Cochin, India.
P Yogeeswari	Multiple crystal structures a boon to structure-based drug discovery: Diverse lead identification using diverse e-pharmacophore modeling	International Conference on Drug Design organised by Schrodinger	7-9 April 2017, New Delhi, India.
Swati Biswas	Polymeric micelles as nano-drug carriers for cancer therapy	Invited Speaker in a conference organized by JNTU, Hyderabad.	18 March, 2017
Swati Biswas	Lipid-conjugated nano-micellar system for the delivery of curcumin in cancer	Resource person in a conference in JSS College of Pharmacy, JSS, Ooty.	14 July, 2017
MG Prasuna	Identity Culture and Society: Minority Discourse in Telugu Literature	Visva-Bharati, Santhiniketan	6 March, 2017
Biswanath Dash	Disaster Management: From Science Technology Studies (STS) Perspective	Central University Gujarat, Gandhi Nagar	16 August 2017
Suchismita Satpaty	Chairing Research Seminar	TISS Hyderabad	5 May 2017
Maya Vinai	Unravelling the spice politics & Cosmopolitanism of Kochi: Emerging alternate representations in NS Madhavan's Litanies of Dutch Battery	EFL University Hyderabad	5 April 2017
Santosh Mahapatra	AARMS Induction workshop	British Council in New Delhi	7 March, 2017
Santosh Mahapatra	"Classroom Evaluation"	(Academic Staff College), Osmania University, Hyderabad	31 July, 2017

11th Foundation day Celebrations

The Eleventh Foundation Day was celebrated at Hyderabad campus on April 28, 2017. The celebrations started with a presentation on the evolution of Hyderabad Campus. Then a brief report was presented by Prof MB Srinivas, Dean-Administration on various activities undertaken by the Campus. It was followed by presentation on Student Activity Reports by Mr Keshav Kedarnath and felicitation of non-teaching employees. The event culminated with the Directors message and ended with dinner.

As a part of Foundation Day Celebrations it was decided to felicitate non-teaching staff who have made significant contribution to the growth of the institution. The following two categories of awards were constituted for non-teaching staff and the criteria for the same are as under:

Exceptional Achiever

The nominee should have consistently

- Delivered results in their functional area
- Displayed ability to collaborate and work seamlessly across functions
- Been a self-starter and been nurturing innovations and
- Made noteworthy contributions.

Consistent Contributor

The nominee should have consistently

- Delivered results for a substantial period
- Stretched themselves to support the institution
- Taken calculated risks to achieve the desired results

- Contributed in various facets of functions to the growth of the organization

Eligibility and Criteria

- The nominee should have worked for at least 3 years in Hyderabad Campus as on April 2017.
- His / Her performance should be in the "Exceeding Expectations" or "Exceptional" category.
- Nominations will be considered for the achievements for the period of service rendered in BITS, Hyderabad Campus.

Consistent Contributor Award: A total of 40 nominations was received from various department and divisions spread across the institute. Based on the following three criteria the committee recommended the following employees.

- Consistent Performance,
- Learning Agility and
- Customer Orientation

The following 15 employees received Consistent Contributor award for the year 2016-17.

SI No.	Name of the	Designation	Dept/Division
1	Prabhakar Chowdary Reddy	Systems Manager	ERP Division Hyderabad
2	KB Madhu	Professional Assistant	Library Unit
3	R Srinivas	Asst Office Superintendent	Academic Regn & Counselling Div
4	M BalaswamiReddy	Sr Technician	Engineering Service Division
5	Sama Naresh	Sr Driver	Director Office
6	P Sreedhar	Technician	Workshop Unit
7	Sanjai Saikia	Chowkidar	Student Welfare Division
8	Bollikonda Suryanarayana	Sr Technician	Dept of Mechanical Engg
9	NVRS Srilakshmi P	Office Assistant	Instruction Division
10	Hima Bindu Ganapavarapu	Office Assistant	Practice School
11	B Sudhakar	Attendant	General Administration Unit
12	Atmakuri Venkata Narayana Rao	Sr Office Superintendent	General Administration Unit
13	Praveen Kishore Akula	Office Assistant	Academic Research Division
14	Parunandi Raj Kiran	Operations Assistant	Maintenance Unit
15	MdImtiyaz Akbar	Technician	Dept of Biological Sciences

The winners were presented with a memento and an appreciation certificate by the Director, Hyderabad Campus.



Off-campus Programmes and Industry Engagement

Partner Engagement Program

To strengthen relationships with industry partners, WILP launched the Annual Partner Engagement Programme. The programme ensured that key partners are engaged with it in a continuous and structured manner. It aimed to improve strategic alignment between the Leaders of WILP and that of the partner organization, enhance the BITS value proposition to meet partners' needs, and ensure continuity and expansion of the partnership. The programme will be carried out through leadership meetings, semester delivery reviews and impact studies by relevant stakeholders within WILP such as the Director, Deans, Chief Operations Officer, Associate Deans, Programme Coordinators, Programme Committee Leads, etc. as applicable. Leadership meetings have been already held with JSW Steel and UTC, Oracle and Cisco, and more such meetings will follow.

WILP Admissions Campaign for 2017-18

Semester 1

This semester WILP launched a scaled up admissions campaign. An improved online application experience consisting of videos on experiential learning and testimonials from current students, and revised programme

brochures was coupled with an expanded portfolio of programmes and wider and deeper digital marketing. This led to more productive campaign, achieving its vision to "Be Uncompromising. Stay Unstoppable". It was a big success as the programmes saw a 41% growth in Semester I admissions in the last academic year.

Improving the PS-I Experience

In Summer 2016, a total of 707 students from the Hyderabad campus attended PS-I across 174 stations.

The Practice School Division undertook several initiatives to make PS-I across the three campuses more student centric in order to improve the student experience and improve relations with industry partners. Allotment was carried out in a sector-wise manner based on the discipline specified by host organizations. A faculty coordination effort was also introduced, wherein a group of selected faculty members from the three campuses worked as coordinators for PS-I faculty across campuses in a particular industry sector in order to improve productivity of students in PS-I. As a result of these efforts, there was better student distribution across sectors, resulting in more satisfaction among organizations and students.

Sponsored Research Projects

S. No	Name of PI	Department	Co-PI	Department	Funding agency	Total sanctioned (INR)	Duration	Sanctioned letter date	Title
1	Prof Sajeli Begum	Pharmacy	Dr Onkar Prakash Kulkarni	Pharmacy	DST	2437000	3years	22.12.2016	Investigations on pro-inflammatory cytokine inhibitory low molecular weight metabolites of Pseudomonas sp. ABS -36 for the treatment of renal injury
2	Prof Jayanti Subbalakshmi	Chemistry	NA	NA	DST	2474605	3years	04.01.2017	Synthesis, study of optical properties and Anticancer activity of unique di-substituted tetracyanoquinodimethanes
3	Dr Vamsi Krishna Venuganti	Pharmacy	NA	NA	ICMR	2029640	3years	02.02.2017	Development of a Non-invasive giodegradable polymeric mciprojection ocular patch for effective corneal delivery of anti-microbial agents to treat fungal infections of eye
4	Prof Vidya Rajesh	Biological Sciences	NA	NA	DST	3492000	3years	29.03.2017	Polymorphism studies and moleuclar characterization of plasmodial Rhoptyr neck protein 2 (RON-2) from Indian fields isolates
5	Dr Anil Nemili	Mathematics	Dr C Praveen	TIFR, Banglore	DST	1590600	3years	01.10.2016	Development of an accurate and robust unstructured grid-based adjoint approach for compressible turbulent flows
6	Dr Sabareesh G Rajasekharan & Dr Aruna Malapati	Mechanical Engg	Mythreya	NA	Mythra	129000	1YEAR	23.03.2017	Developing a web portal for power curve guarantee test
7	Dr Soumya J	EEE	NA	NA	DST	2593140	3years	06.03.2017	STRATEGIES FOR FAULT-TOLERANT NETWORK-ON-CHIP DESIGN "
8	Prof Yoganandam	EEE	NA	NA	DPPMM	402500	1YEAR	01.03.2017	Development of pulse position modulation modemm
9	Prof Ramakrishna Vadrevu	Biological Sciences	NA	NA	DST	5436000	3years	21.03.2017	Protein structure and stability modulation due to In-Cell and In-Vitro Crowding: Molecular insights on the origin of the effects of crowding

S. No	Name of PI	Department	Co-PI	Department	Funding agency	Total sanctioned (INR)	Duration	Sanctioned letter date	Title
10	Dr Naga Mohan K	Biological Sciences	Prof P Yogeewari	Pharmacy	DBT	6845800	3years	01.03.2017	Mechanistic basis of abnormal neurogenesis due to HSN1E-associated DNA methyltransferase1 (Dnmt1) mutation and pharmacological intervention for phenotypic correction
11	Prof Sajeli Begum	Pharmacy	Dr Swati Alok	Pharmacy	ICMR-ICSSR	418387	2years	30.03.2017	Investigations of knowledge on Dengue fever followed by education and post impact behavioural changes among the rural communities of shameerpet mandal of rangareddy district of Telangana state
12	Prof N Suresh Kumar Reddy	Mechanical Engineering			DRDL	984500	3 years	08.06.2017	Novel Casting approach to improve quality of aluminum alloy casting : Hybrid ultrasonic assisted bottom pour stir casting process
13	Dr Swati Alok	Economics and Fianance	Dr Sudutta Banerjee	Economics and Fianance	ICSSR	200000	1year	01.06.2017	Career Persistence of Indian Women Professionals in Information Technology sector: Brakes , Acclerators, Challenges and Opportunities
14	Dr Sanhita Roy	LVPEI, Hyderabad	Dr Swati Biswas	Pharmacy	DST	1637800	3years	05.06.2017	Understanding the Role of Antimicrobial S100A12 (Calgranulin C) Mediated Host Defense in Pseudomonas Keratitis and Developing Nano-tools for Efficient Delivery of S100A12
15	Dr SC Mohan	Civil Engineering	NA	NA	DST	4314540	3years	23.06.2017	Improving the seismic performance of dynamically similar buildings using damper connected control technique
16	Prof Vasani	Civil Engineering	Dr Murari Varma	Civil Engineering	CSIR	2235400	3years	16.05.2017	Multiobjective evolutionary approach for solving water distribution network design optimization
17	Dr Nitin R Kotkunde	Mechanical Engineering	NA	NA	DST	3143250	3years	10.07.2017	Formability Study of Inconel 625 alloy at Elevated Temperatures for Aerospace Applications
18	Dr Sumith Kumar Vishwakarma	Mathematics	NA	NA	DST	1366800	3years	27.06.2017	Comparison of phase velocities of Rayleigh waves, love waves and Torsional waves in various anisotropic geo-media

S. No	Name of PI	Department	Co-PI	Department	Funding agency	Total sanctioned (INR)	Duration	Sanctioned letter date	Title
19	Dr R Parameshwaran	Mechanical Engineering	NA	NA	DST	2776340	3 years	17.07.2017	Cryogenically-Conditioned Micro and Nanoencapsulated Phase Change Material Slurries for Cool Thermal Energy Storage Applications
20	Dr Arshad Javed	Mechanical Engineering	NA	NA	DST	2943600	3 years	17.07.2017	Application of topology optimization to enhance energy efficiency and performance of industrial manipulator
21	Dr Sabareesh GR	Mechanical Engineering	Prof YVD rao	Mechanical Engineering	DMDE DRDO	1380000	1.3 years	27.04.2017	Development of metamaterial base support
22	Prof Manab Chakravarty	Chemistry	Dr Amit Nag	Chemistry	CSIR	1620000	3years	05.05.2017	Investigations on naphthalene and anthracene based phosphosates/phosphates: important sources for alkene based new alegers and polyaryllalkanes
23	Dr Sounak Roy	Chemistry	NA	NA	CSIR	400000	3years	02.05.2017	Photocatalytic reduction of CO2 to biofuels
24	Dr Satish Kumar Dubey	Mechanical Engineering	Dr Arshad Javed, Sanket Goel, AK gupta	Mechanical Engineering	DRDO-cars	524400		13.06.2017	Modelling and Simulation of quartz Accelerometer for navigation system
25	Dr V Vamsi Krishna Venuganti	Pharmacy	NA	NA	ISSAR	563500	1year	01.05.2017	Preparations and Characterization of a topical gel formulation of topical gel formulation of IS107
26	Dr V Vamsi Krishna Venuganti	Pharmacy	NA	NA	NACTO	2242500	1year	19.05.2017	Transcutaneous delivery of liraglutide using zein microneedle array
27	Dr Vamsi Krishna Venuganti	Pharmacy	NA	NA	Sarudbhava Formulations Pvt. Ltd.	600000	1year	23.06.2017	Development and characterization of a topical gel formulation of a candidate drug
28	Prof PN Rao	Civil Engineering	Dr Padmavathi	JNTU, Hyderabad	MoRTH	657800	1year	31.03.2017	Use of Polymer fibres and steel fibres for improvements in concrete properties
29	Prof Vinayak Ram	Civil Engineering	Prof Sridhar Raju	Civil Engineering	MoRTH	644000	1year	31.03.2017	State of the art on effect of temerature stresses in concenerate pavements
30	Prof Sridhar Raju	Civil Engineering	Prof Vinayak Ram	Civil Engineering	MoRTH	625500	1year	21.07.2017	Preparation of State of the Art Report (SOAR) on Utilization of Higher percentage of Reclaimed Asphalt Pavement (RAP) in Hot Asphalt Mixes (HAM) with Warm Mix Additives - Laboratory and field evaluation

Campus Life: Community Welfare

The Campus community celebrated New Year, Holi and a week long Ganesh Puja in the Children's Park. The celebrations ended with cultural performances by kids and adults in the community. In addition to the regular music, dance, chess and karate classes for children in the community, there was also a month long Art and Crafts Summer Camp that ended with an exhibition and origami classes .



International Women's day was celebrated on March 8

ARENA 2017

Arena, the annual sports fest of BITS Pilani Hyderabad Campus, kicked off on the 25th of January, 2017 in the presence of the chief guest; chess grandmaster and recipient of the Arjuna Award, Ms Harika Dronavalli. The inauguration ceremony began with a prayer and lamp lighting dedicated to Goddess Saraswati following which the sports secretaries declared Arena officially open. The chief guest then addressed the gathering and shared her valuable message with everyone. The fest that followed continued for three days and saw sportsmen and women battle for glory. Over 3000 students participated in a wide variety of sports including football, basketball, tennis and table tennis, Mr Nishant Udgaonkar won the highest number of medals. None who were present can deny the tension and excitement that came with it. It was truly an arena where legends were born.



PEARL 2017

The 16th of March 2017 saw the inauguration of the 2017 edition of Pearl, annual cultural fest of BITS Pilani Hyderabad Campus. The evening started with a wonderful dance performance. It was followed by the dignitaries lighting the lamp of knowledge. Among those present were the chief guest, Mr S Madhusudhana Chary, Hon'ble Speaker of the Telangana Legislative Assembly and the guest of honour Mr Manish Gupta, renowned filmmaker. They both shared words of great value in their inaugural address and set the tone of the event. The Cultural Secretaries declared Pearl '17 officially open and the festivity commenced. That evening the events began on a high note with enthralling dances and musical renditions. The three days that followed showcased cultural talent and artistic skills. From events like Terpsichore, Till Deaf Do We Part, Glitterati to talks by eminent people and workshops, DJ Nights and Open Mics. Every event was enthusiastically received by the students. The events had it all! Enthusiasts from all over the nation participated and made it successful. Dance, fashion, music and art made up the four quarters of one whole festival, one which left all those who experienced it, with a sense of euphoria.



Introducing New Faculty (1 January - 31 December 2016)

S.No.	Name	Designation	Department	Research Areas
1	Asrifa Sultana Dr	Asst Professor	Mathematics	Nonlinear Functional analysis and Optimization theory
2	Bahurudeen A Dr	Asst Professor	Civil	Construction materials, Durability of concrete, characterization techniques
3	Basudev Majumder Dr	Asst Professor	EEE	Electrical Engg (RF and Microwave)
4	Bheemeshwar Reddy A Dr	Asst Professor	Economics & Finance	Development Economics
5	Gireesha Thipperudrappa Mohannath Dr	Asst Professor	Biology	Molecular genetics, Epigenetics plant molecular biology, Bio technology
6	Lavanya Suresh Dr	Asst Professor	Humanities and Social Sciences	Political Ecology, Public Administration
7	Mithun Mondal Dr	Visiting Faculty	EEE	Electrical Engg (Power system / High Voltage)
8	Neha Bharill Dr	Visiting Faculty	CS & IS	Machine Learning big data analytics
9	Piyush Khandelia Dr	Asst Professor	Biology	Molecular biology, Genetics, RNA Biology
10	Pranesh Bhargava Dr	Asst Professor	Humanities and Social Sciences	Linguistic , Speech and hearing Cognitive Sciences
11	Ruchi Jain Dey Dr	Asst Professor	Biology	Biochemistry, Microbiology, Immunology of infections Diseases
12	Saroj Mondal Dr	Asst Professor	EEE	VLSI Circuits and systems
13	Shaikshavali Chitraganti Dr	Asst Professor	EEE	Control Systems, Statistical Signal Procession
14	Subhash Narayan Karbelkar Prof	Associate prof	Physics	Theoretical Physics
15	Suchismita Satpathy Dr	Asst Professor	Humanities and Social Sciences	Urban Sociology
16	Sudeepta Mishra Dr	Asst Professor	CS & IS	Computer Network window networking
17	Sunny Kumar Singh Dr	Asst Professor	Economics & Finance	Economics
18	Trinath Jamma Dr	Asst Professor	Biology	Biochemistry, Cell Biology
19	Vivek Sharma Dr	Asst Professor	Biology	Molecular Biology, Cell, Neuro Biology, Cancer



Two new boys hostel buildings opened in July 2017

Editorial Team



From Left: Nikita, Prasanth, Udayakumar, Dr Santosh and Dr Lavanya
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