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Hyderabad Campus



Eminence Graces the Campus



Shri Kalvakuntla Taraka Rama Rao Honble Cabinet Minister for Panchayat Raj & IT, Telangana State



Padma Vibhushan Prof P Rama Rao, Former Secretary, Department of Science and Technology



Padma Bhushan Dr VK Saraswat, Homi Bhabha Chair Professor, IIT Hyderabad



Smt Shailaja Kiran, MD, Margadarsi Chit Funds



Shri Kanwal Rekhi, Los Gatos, CA



Padma Vibhushan, Prof Raghunath A Mashelkar, CSIR



Dr Gopichand Katragadda, Managing Director, GE India.



Vanitha Datla, CFO & Executive Director, Elico Ltd



Shri Balakrishna, MLA, Hindupur

...Eminence Graces the Campus



Shri Y Harish Chandra Prasad, Chairman, MALAXMI Group



Dr Kumar Mangalam Birla, the Chancellor, BITS Pilani



Prof Padma Raju, Vice Chancellor of Acharya NG Ranga Agricultural University



Shri G Rajendra Prasad, Actor



Prof Ajit Rangnekar, Dean, Indian School of Business



Shri Ramesh Prasad, Chairman, Prasad Group



Mr Hillary H Carter, Biosecurity, Engagement program, Us Dept and State Washington, DC



Shri AK Khan, IPS, Director General of Police, ACB, AP

Photo courtesy: Prasanth Inturi

Academic Confluence of Ideas, Intellect and Information

Seminars, Conferences, workshops and Training Programs

Winter Global Health Program WIGH 2014

Department of Biological Sciences, BITS Pilani, Hyderabad Campus in collaboration with Centre for Public Health, Albert Einstein College of Medicine, Yeshiva University, USA conducted the Winter Institute in Global Health From 3-12 January 2014.



The objectives of the workshop were to promote (i) enhanced awareness of the challenges to health due to globalization including cultural, ethical, practical challenges of conducting global health research, (ii) increased understanding of the interplay of biological, social, psychological factors in research methodology that combines these factors and (iii) sound knowledge about the interplay of local and global factors influencing health & health disparities across nations.

This unique seminar offered the participants an exciting opportunity to explore the intimate link between culture and health, along with colleagues from the US. Around 20 participants from India and US participated in this workshop. Participants earned 3 credits towards the 12-credit certificate program offered by Albert Einstein College of Medicine, USA. Enrolled students are required to undertake a project (3 credits) in India and complete coursework (6 credits, 1 Sem) in New York for award of Certificate in Global Health.

Research Methodology Workshop, 11-12 April 2014, BITS-Pilani, Hyderabad campus

Centre of Excellence in Water Resources Management (CEWRM), Department of Civil Engineering, organized a Research Methodology Workshop during 11-12 April 2014. The objective of the workshop is to acquaint research scholars, academic faculty and 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.



Chief Guest Padma Vibhushan Prof P Rama Rao, Former Secretary, Department of Science and Technology, Government of India stressed on the focused research and appreciated the efforts of CEWRM and urged the researchers to find the solutions at the grass root level. Guest of Honor Mr Anil Kumar Katakam,

Executive Vice President, Innominds stressed the importance of research and its role in industry. Prof VS Rao, Director, BITS-Pilani, Hyderabad Campus, emphasized the importance of research. Welcome address was delivered by Prof K Srinivasa Raju, course co-ordinator of the workshop. He briefly introduced the theme of the workshop. Dr A Jagadeesh, Head, Department of Civil Engineering described the profile of the department. Prof A Vasana, course co-ordinator of the workshop presented the vote of thanks. A total 90 participants all over India attended the workshop.

Advanced Materials for Defence and Aerospace Applications (AMDA 2014)



Birla Institute of Technology and Science, Pilani, Hyderabad campus has organized a National Conference on 'Advanced Materials for Defence and Aerospace Applications (AMDA 2014)' on 22 December 2014.

Bharat Ratna recipient Prof CNR Rao was the Chief Guest and Keynote Speaker and inaugurated the conference. Other dignitaries on the dais included Prof BN Jain, Vice Chancellor, Prof VS Rao, Director Hyderabad campus, Dr G Sundararajan (Director, ARCI), Shri M Narayana Rao, (Director, MIDHANI), Dr R Balamuralikrishan (Group Head DMRL) and Shri DN Rao, BITS Alumni.

Director Prof VS Rao introduced the chief guest and informed that Prof CNR Rao has over 63 honorary doctorates from various reputed universities across the globe and nearly 1600 papers in International Journals. He was also bestowed with country's highest civilian award Bharat Ratna in 2014 making him the third scientist after CV Raman and APJ Abdul Kalam to receive the award.

Prof CNR Rao spoke about the importance of material science research and its importance gaining traction in India. He spoke about the emphasis given for material

science in other foreign universities like Cambridge, northwestern and Santa Barbara etc. He informed about the regenerative / tissue engineering, physics, chemical sciences and engineering and gaining importance about energy research. He laid emphasis on the usage of photovoltaics in India. He spoke positively about a national energy mission being planned in India.

Prof BN Jain, Vice Chancellor informed that this conference will provide a platform for the students, research scholars and faculty with innovative research mind to contribute in the development of smart / advanced materials. He focused on importance of joint research and collaboration with other organizations. He spoke about significant investments required in science and engineering and requested in expanding our areas in defence, aerospace and material sciences. He also wished that there would be a regular stream of post doc students in these areas.



Day-long poster presentations and panel discussions were held by renowned speakers. The talks focused on research areas such as, fiber reinforced composites for aerospace and defence, high strength low alloy steels for naval applications, advanced manufacturing of aeronautical materials etc.



Distinguished Lectures and Guest Lecture Series

Presenter	Details of the Talk	Department	Date
Prof Joga Rao Gobburu, University of Maryland, USA	Impact of Pharmacometrics on Drug Development	Pharmacy	24 Jan 14
Mr Mark Lindley, Visiting Professor, Oxford University	Amartya Sen and Ecological Economics	Economics and Finance	09 Feb 14
Delegates of the India-Pakistan Culture Connect Initiatives	Peace, Diplomacy and Culture	HSS	14 Feb 14
Mr Krupalu Vogeti, a renowned Sanskrit scholar	Learning Basic Sanskrit	HSS	26 Feb - 5 Mar 14
Prof R Ramaswamy University of Hyderabad	Physical Perspectives in the Biological Sciences	Physics	7 Mar 14
Prof Prasanta Tripathy, IIT Madras	String Compactifications	Physics	14 Mar 14
Dr Vithal Rajan, Emeritus Chair of SKS	Volunteerism	HSS	15 Mar 14
Dr Somali Misra Burgess, PRO Consultant, USA	Introduction to Patient Related Outcomes and Regulatory Considerations	Pharmacy	11 Apr 14
B Madhusudhana Rao, Joint Chief Environmental Engineer, AP Pollution Board, Hyderabad	Environmental Legislations and Role of Cleaner Production Technologies for Controlling Pollution	Chemical Engineering	25 Apr 14
Mr Sagar Dhara, an IIT Kanpur alumnus, an environmental engineer	Energy and Carbon Footprinting Analysis	HSS	16 Sep 14
Prof Harjinder Singh, IIIT-Hyderabad	Controlling Nuclear and Electronic Motion in Small Molecules	Chemistry	22 Sep 14
Dr VV Krishnan, Deputy Director, Non-Ferrous Materials Technology Development Center (NFTDC), Hyderabad	Solid Oxide Fuel Cell Technology - A Synthesis of Materials, Metallurgy	Chemical Engineering	27 Sep 14
Dr Debendra Kumar Mohapatra, Principal Scientist at CSIR-IICT - Hyderabad	Total Synthesis of Complex Natural Products for Human Health	Chemistry	11 Oct 14
Mr DS Sastry, Ex-DGM Vizag Steel Plant	Role of Chemical Engineers in Industry and Industrial Scenario in India	Chemical Engineering	17 Oct 14
Dr N Anbananthan, Ion Exchange Ltd.	Polymers in Water Treatment: Current Status and Future Demands	Chemistry	27-Oct-14
Krishna Naishadham, School of Electrical and Computer Engineering, Georgia Institute of Technology, Atlanta, Georgia, USA	Antenna Design for Wireless Sensor Nodes Comprising Carbon Nano-Sensors	EEE	07 Nov 14
Dr Rumi Maini, Dept. of Chemistry & Biochemistry, Arizona State University, USA	Ribosome Mediated Site-Specific Incorporation of β -Amino acids into Protein	Chemistry	24 Nov 14

International Visits

Prof VS Rao, Director, BITS Pilani, Hyderabad campus visited Taiwan to attend the Intel Asia Innovation Summit. He participated in the panel discussion on the theme 'Beyond the Internet of Things – the Next Big Thing' from 18-19 November 2014.

Prof Suman Kapur was invited as a speaker at British Council's Global Education Dialogue held at Colombo, Sri Lanka from 17-18 March 2014.

Dr Ch Hota was an invited speaker at School of Computing, National University of Singapore (NUS), Singapore in May 2014 .

Dr Rahul Nigam delivered an invited talk on 'New Hyperon Equations of State for Supernovae and Neutron Stars' at NEOS2014 at Frankfurt, Germany, December 2014.

Dr Sudatta Banerjee presented a paper on 'Determinants of Female Autonomy across Indian States' in 5th International Conference on Economics, Business and Management – ICEBM 2014, 27-28 December 2014, in Phuket Island, Thailand.

Dr Sumit Kumar Vishwakarma visited College of Science, Harbin Engineering University, Harbin, China on 16 December 2014.

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 P Yogeeswari	In-Silico Drug Design: A tool to Identify Novel Chemical Entities	APSCHE Sponsored National Level Seminar on Recent Trends and Applications of Software Tools in Pharmacy at PHARMASAGRA	9-10 Jan 14
Prof K Srinivasa Raju	Multicriterion Decision Making in Climatic Modeling	Programme on Application of Geomatics for Disaster Management, Centre for Water Resources, JNTU, Hyderabad	11 Jan 14
Dr Kannan Ramaswamy	Nanoplasmonics-Route to Ultrasensitive Biosensing	National Seminar conducted by Avanthi group of Institutions, Hyderabad	21 Jan 14
Prof K Srinivasa Raju	Research and Funding Opportunities	Vasavi College of Engineering, Hyderabad	01 Feb 14
Prof Suman Kapur	Environment and Health: Approaches for Mitigating ill-health Effects Environment Degradation	AISECT University, Mendua, Bhojpur	14-15 Feb 14
Prof N Rajesh	Versatile Applications of Customized Biopolymers to Sequester Heavy Metals from Industrial Effluents	SESTEC 2014, BARC, Mumbai	25-28 Feb 14

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 Shrikant Charde	In Vitro In Vivo Corelation and Biowaivers	Dissolution Method Development: An Industry Perspective by KVSRR Siddhartha College of Pharmacy, at Vijayawada	4-5 Feb 14
Dr RB Adusumalli	Polymer Composites: Characterization, Applications, and Disposal	Indian Society for Advancement of Materials and Process Engineering. Organised by Advanced System Laboratory (DRDO), Kanchanbagh	Feb 14
Prof Chittaranjan Hota	Network threat Exploration: Deep Packet Inspection or Machine Learning?	Indian Institute of Technology, Kanpur	Feb 14
Digambar Powar	Advances in Distributed Computing	Vasavi College of Engineering Hyderabad	Mar 14
Prof N Rajesh	Exploring the Unique Attributes in the Interaction of Heavy Metals with Novel Polymeric Absorbents	VIT, Chennai	10-12 Mar 14
Dr Anupam Bhattacharya	4-substituted Pyrrolo [2, 3-c] Quinoline Systems: Synthetic, Anti-tubercular and Selective Metal Detection Studies	20 th ISCB International Conference, held at Department of Chemistry, University of Delhi	1-4 Mar 14
Prof Vasana	Sustainable Water Resources Planning & Management Using Nature Inspired Optimization Algorithms	National Conference on 'Technology, Policy and Community: Small Experiments in Sustainability' organized by Department of Humanities & Social Sciences, BITS Pilani	14-15 Mar 14
Prof K Srinivasa Raju	Water Resources Systems	Avanthi Engineering College, Hyderabad	19 Mar 14
Dr Vamsi Krishna V	Nanocarriers for Topical and Transdermal Drug Delivery	Avanthi Institute of Pharmaceutical Sciences, Hyderabad.	22 Mar 14
Prof K Srinivasa Raju	Research Funding Opportunities	Coastal Institute of Technology and Management, Vizianagaram	5 Apr 14
Prof P Yogeeswari	Pharmacophore Modeling at the Crossroads of Ligand and Structure-based Drug Design Strategies: A Case Study on HCV NS5B Polymerase Inhibitor Design	Celebrating Noble Prize in Computational Chemistry Department of Chemistry, University College of Science, Osmania University, Hyderabad	3-4 Apr 14
Prof Vasana	Writing a Manuscript	Workshop on 'Research Methodology' organized by Department of Civil Engineering, BITS Pilani, Hyderabad	11-12 Apr 14

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 Srinivasa Raju	Research Methodology: An Overview	Department of Civil Engineering, Birla Institute of Technology and Science (BITS), Pilani-Hyderabad Campus	11-12 Apr 14
Prof Amit Kumar Gupta	Preparation of Research Proposal	Birla Institute of Technology and Science (BITS), Pilani-Hyderabad Campus	11-12 Apr 14
Prof B Mishra	Tools and Techniques in Research	Birla Institute of Technology and Science (BITS), Pilani-Hyderabad Campus	11-12 Apr 14
Prof P Yogeeswari	IPR and Research Funding Opportunities	Birla Institute of Technology and Science (BITS), Pilani-Hyderabad Campus	11-12 Apr 14
Santosh Mahapatra	Refresher Course in Research Methodology for Social Sciences (Quantitative Methods)	Academic Staff College, University of Hyderabad	6 May 14
Prof P Yogeeswari	Think Beyond your Reach - A walk through on BITS Pilani programmes	VMJ School on Madurai, India	4 Jun 14
Dr Naga Mohan Kommu	The Search for Epigenetic Basis of Autism	International Conference on Genomics and Proteomics, New Delhi	12-14 Jun 14
Dr Sandip Deshmukh	Solar Pumps in Rural Water Supply	Administrative Staff College, Hyderabad	10-11 Jul 14
Prof Chittaranjan Hota	Security and Privacy Concerns in Campus wide Networks: Easing out using Big Data Analytics	CR Rao Advanced Institute of Mathematics, Statistics and Computer Science, University of Hyderabad, Hyderabad	Aug 14
Prof K Srinivasa Raju	Water Resources: An Overview	CVR College of Engineering, Hyderabad	12 Aug 14
MG Prasuna	Lingua Fiesta	Annual Literary Fest, at Delhi Public School, Secunderabad	22 Aug 14
Dr Vamsi Krishna V	Transcutaneous Drug Delivery using Polymeric Nanocarriers	National Symposium on Recent Trends in Advanced Drug Delivery Systems organized by Jyothismati College of Pharmacy, Hyderabad	22 Aug 14
Prof Suman Kapur	Genomics in Health and Diseases	CIENCIA, Hyderabad	22-23 Aug 14
Prof D Sriram and Prof P Yogeeswari	Brainstorming session on Retrosynthesis	National Conference on Infectious Diseases-Medicinal Chemistry Perspective sponsored by DST & KSCTC, AIMS, Kochi, India	29-30 Aug 14

... 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)
Dr Durba Roy	Modelling of Photosynthetic Reaction Centers	Academic Staff College for the Undergraduate and Post graduate faculties, University of Hyderabad	08 Sep 14
Dr Alivelu Manga Parimi	Emerging Trends in Power Systems	Vasavi Engineering College, Hyderabad	08 Sep 14
Dr Jayanty Subbalakshmi	Supramolecules: Chemistry to Technology	UGC Academic Staff College, University of Hyderabad, Gachibowli	09 Sep 14
Prof G Bhuvaneswari	HVDC Transmission systems – Classification, Configuration and Control Aspects	Workshop on 'HVDC and FACTS Devices' in CBIT, Hyderabad,	18 Sep 14
Dr Jayanty Subbalakshmi	Semiconducting and Optical Molecular Materials based on Tetrathiafulvalene and Tetracyanoquinodimethane and their Polymer Blend	3 rd International Conference on Polymer Processing and Characterization ICPPC 2014, M. G. University, Kottayam, Kerala	11-13 Oct 14
Prof Suman Kapur	Changing Demographics, Globalization, Environment and Health Care	ISEC, Bangalore	27-28 Oct 14
Prof K Srinivasa Raju	Hydrological Models in Water Resources Planning	4 th International Conference on Hydrology and Watershed Management (ICHWAM-2014), Centre for Water Resources, JNTU, Hyderabad	31 Oct 14
Santosh Mahapatra	Using Web 2.0 Tools for Teaching and Assessing Speaking Skills	BV Raju Institute of Technology, Hyderabad	01 Nov 14
Prof K Srinivasa Raju	Optimization Techniques in Water Resources Engineering, Workshop on Recent Trends in Water Resources Engineering	ACE College of Engineering, Hyderabad	01 Nov 14
Dr Rahul Nigam	Equation of State for Supernova Simulations	Neutron Stars: A brainstorming workshop at NCRA-TIFR, Pune	Nov 14
Dr RB Adusumalli	Micro and Nanomechanics of Wood, Pulp and Cellulose Fibres. Wood is Good: Current Trends and Future Prospects in Wood Utilization	Institute of Wood Science and Technology, Bangalore	21-23 Nov 14

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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 G Bhuvanewari	Power Quality Problems and Possible Solutions	IEEE Hyderabad	29 Nov 14
Prof P Yogeeswari	Sponsored Research Grants and Opportunities	Centre for Staff Training and Development (CSTD) at Dr. Ambedkar Open University, Hyderabad	2-9 Dec 14
Dr Sandip Deshmukh	Alternative Fuels and Powertrain Systems	VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad	4-6 Dec 14
Santosh Mahapatra	Providing Effective Feedback to Students on Their Performance in Listening and Speaking	Sponsored by Regional English Language Office, US Embassy, New Delhi	6 Dec 14
Dr Archana Srivastava	Frontier Areas in Econometrics and International Trade	IIT Kanpur	10-20 Dec 14
Prof Chittaranjan Hota	Bigdata Analytics: Challenges and Approaches	IEEE ICCCT 2014, College of Engineering, Osmania University, Hyderabad	11 Dec 14
Dr Sounak Roy	Environmental Catalysis: From Mechanism and Materials Properties to Catalytic Performance	Indian School of Mines, Dhanbad	15-17 Dec 14
Dr Aruna Malapati	Big Data Using Hadoop	Faculty Development Programme, Srinidhi Engineering College	16 Dec 14
Prof K Srinivasa Raj	Multicriterion Decision Making in Sustainable Water Resources Planning and Management	S.N. Gupta Memorial Lecture. Hydro 2014 International, MANIT Bhopal	18 Dec 14
Dr Aruna, Malapati	Web Mining	Andhra University	18 Dec 14
Prof B Mishra	Mathematical and Cosmological Modelling of the Universe	Abiskar-2015, held at Avanathi Group of Institutions, Hyderabad	23 Dec 14
Dr PK Thiruvikraman	Automatic Classification of Images	Avanathi group of Institutions, Hyderabad	

Accolades

Dr Amit Kumar Gupta received the UGC Research Award for his research contribution in mechanical engineering.

Dr Amit Kumar Gupta received the Prof S Venkateswaran Faculty Excellence Award instituted by BITSAA International for his outstanding contribution in teaching and research.

Dr Alivelu M Parimi, was selected as a Member of Board of Studies for Vasavi Engineering College, Hyderabad

Dr PK Sahoo, received the IASc-INSA-NASI Summer Research Fellowship-2014 awarded by Indian Academy of Sciences, Bangalore.

Dr Ramkrishnan Ganesan received Indo-US Science and Technology Forum (IUSSTF) Research Fellowship Award for the year 2013-14.

Prof K Srinivasa Raju was awarded the SN Gupta Memorial Award for Research Contribution to the field of Water Resources Engineering by Indian Society for Hydraulics. Award was given during inaugural session of HYDRO-2014 International Conference, MANIT Bhopal on 18 December 2014.

Dr Sumit Kumar Vishwakarma received an offer for research collaboration with College of Science, Harbin Engineering University, Harbin, China for next two years. from 16 December 2014.

Prof VS Rao has been conferred upon the Chancellor's recognition 'Demonstrated Excellence in Building an Institution' in 2014.

Prof VS Rao is also a member of the High Power Committee for advising the AP Government on the Private Education Bill.

Prof VS Rao was honored in BITSAA Global Meet '14 for his contribution to 'Making Learning a Wonderful Experience.'

Prof P Yogeewari was conferred with IASP 2014 Award for Excellence in Pain Research and Management in Developing Countries under the Basic Science research category. She received the award at the 15th World Congress on Pain, Buenos Aires, Argentina, October 2014.

Dr Sudatta Banerjee and Amrita Roy, Determinants of Female Autonomy across Indian States, 5th International Conference on Economics, Business and Management – ICEBM 2014, December 2014, in Phuket Island, Thailand. Awarded best paper award for the same

KP Krishna Kumar and Dr G Geethakumari received the Best paper award at the International Symposium on Signal Processing and Intelligent Recognition Systems, (SIRS-2014), 13-15 March 2014 Technopark, Trivandrum, India.

AV Pavan Kumar, Dr Alivelu M Parimi, K Uma Rao Best received the best paper award for, 'A Comparative Study of Model Based Design of PV cell in MATLAB / Simulink / Simscape', at the ICETETS 2014, Hyderabad.

Mr Pavan Kumar has won the best paper presentation award for his paper held at NIT Calicut.

The following projects of students from EEE department were shortlisted:

- The Project titled 'Smart Floor Cleaning Bot' was shortlisted for Phase 1 of 'Texas Instruments Innovation Challenge India Analog Design Contest 2014'.
- Also the Project titled 'Step Towards Smart Cities - Real Time Traffic Control and Optimization System' was shortlisted in Texas instruments innovation challenge 2014-2015.

- A study oriented project work was presented in Technical presentation in Quark 2014.
- BITSAA travel grant was awarded to Ms Neeharika Velleluru for presenting paper at IEEE Optical MEMS Conference held at Glassgow, Scotland in 17-21 August 2014.
- DST travel grant was awarded to Ms Neeharika Vellaluru for presenting paper at IEEE SENSORS 2014, 2-5 November 2014, Valencia, Spain.
- K Mahalakshmi Naidu (PhD student working with Dr KVG Chandra Sekhar) won the best paper award in the poster section in 5th National seminar on Bioinformatics, Sri Venkateshwara Institute of Medical Sciences, Tirupati, 14-15 February 2014.
- BITS Hyderabad Right-Biotic team under the mentorship of Prof. Suman Kapur bagged the First Prize of Rs 5 lacs at the ABLE (Association of Biotechnology Led Enterprises) an initiative of DBT, GOI. The contest is called BEST (Biotechnology Entrepreneurship Student Teams) INDIA 2014.

In Print – Books Published

- Assessment of Titanium dioxide nanoparticle toxicity in earthworms, Ashwini Sri Hari, Siva Prasad Bitragunta, Dr Sankar Ganesh Palani. ISBN: 978-3-659-55283-0, Lambert Academic Publishing, 2014.
- Sreedhar, K Radhakishan and KV Raghavan, 'Microenvironment Management in Heterogeneous Catalysis' in the book 'Industrial Catalysis and Separations: Innovations for Process Intensification' CRC Press (ISBN: 9781926895963) (Pub Release- Feb 2014).
- Dr Maya Vinai, Interrogating Caste and Gender: Anita Nair's Fiction. New Delhi: Prestige, 2014.
- Dr Srikanta Dinda Nihit Bandaru, Radhev Paleti, Development of Epoxide Material from Vegetable Oil, Chemical and Bioprocess Engineering, ISBN-9781771880770, CRC Press (Taylor & Francis Group), 2015.
- Dr Maya Vinai & Jayashree Hazarika. Globalization in the works of Vikram Seth. Indian-American Diasporic Literature. New Delhi: Prestige, 2014.
- Olympia Bhatt, 'Musical Beginnings and Trends in 1920s Indian Cinema' in Eds. Tieber, Claus and Anna Windisch, The Sound of Silent Films: New Perspectives on History, Theory and Practice Hampshire: Palgrave Macmillan, 2014.

Patents Published / Issued

- Dr Srikanta Dinda obtained four patents in 2014 (US patent-01, European patent-01 and Chinese Patent-02) in the area of fluid catalytic cracking and dry gas reduction.
- Srikanta Dinda, PK Chinthala, A Gohel, A Yadav, S Mandal, G. Ravichandran and AK Das, Process and a catalyst composition of catalyst / additive for reducing the fluid catalytic cracking (FCC) of the fuel gas yield of the process. 2014, Pat. No: CN 103703105 A.
- Srikanta Dinda, PK Chinthala, A Gohel, A Yadav, S Mandal, G Ravichandran and AK Das, Process and composition of catalyst / additive for reducing fuel gas yield in fluid catalytic cracking (FCC) process. 2014, Pat. No: US 20140116923 A1.
- Srikanta Dinda, PK Chinthala, A Gohel, A Yadav, S Mandal, G Ravichandran and AK Das, Process and composition of catalyst / additive for reducing fuel gas yield in fluid catalytic cracking (FCC) process. 2014, Pat. No: EP 2729553 A1.
- G Ravichandran, PK Chinthala, T Doshi, A Gohel, A Arusu, S Mandal, AK Das, Srikanta Dinda A Parekh, Fluidized catalytic cracking (FCC) catalyst additive and its preparation. 2014, Pat. No: CN 103813856 A.

Joining Hands (MoU)

RightBiotic - Fastest Antibiotic Finder

- RightBiotic - Fastest Antibiotic Finder is a new, low-cost ultra-rapid, portable device to test antibiotic sensitivity of human urinary pathogens that will curb the growing menace of antibiotic resistance to a large extent.

An agreement has been signed by Prof VS Rao, Director, BITS Pilani Hyderabad campus with an incubatee company 'Xcellence in Bio Innovation and Technologies Pvt Ltd. xBITS' on June 27, 2014, in the presence of Prof Suman Kapur who is the inventor of this technology at BITS Pilani Hyderabad campus.

Project Mana Maali

- BITS Pilani Hyderabad Campus has just launched a partnership with Stanford University School of Medicine to implement a research initiative using technology to increase access to mental healthcare for BITS students.

Using online and mobile programs, our collaborative research aims to make mental healthcare for students private, personalized, and more accessible. This model is being tested in universities across the U.S., and BITS will help evaluate the feasibility and shape the future of this type of work in universities across India.



Daewoong Pharmaceuticals

- Daewoong Pharmaceuticals, Korea signed a MoU with BITS Pilani Hyderabad Campus on 27 November 2014 to undertake joint international research projects with faculty members of Department of Pharmacy at Hyderabad Campus. The MoU also covers other activities like student exchange and research infrastructure sharing.

First consultancy project has been started with Dr Shrikant Charde and Dr. Punna Rao Ravi for development of novel formulation of a drug for US market. The work has already been initiated.



Sponsored Research Projects

S. No.	Title of the Project	Principal Investigator	Funding Agency	Department	Sanctioned Amount (Rs)	Duration
1	Strategies against Antibiotic Resistance in Mycobacterium Tuberculosis and Pseudomonas Aeruginosa: New Drugs for Old Targets and Old Drugs for New Targets	Prof D Sriram	DBT-Indo-sweden2	Pharmacy	6192000	3 years
2	Study on Cosmological Models of the Universe with Wet Dark Fluid in Alternative Theories of Gravitation	Dr Bivudutta Mishra	UGC	Mathematics	190000	2 years
3	Structured-based Design of Orphan Nuclear Receptor Modulators to Treat Diabetes and its Complications by Targeting RORalpha and Rev-erbalpha	Prof P Yogeeswari	ICMR Indo-France	Pharmacy	2161600	2 years
4	Nano-Scale Characterisation of Human Hair Fibres by using Indentation Technique	Dr Ramesh BabuAdusumalli	DST FT	Chemical Engineering	2662000	3 years
5	PhotocatalyticNox Abatement: From Mechanism and Material Properties to Catalytic Performance	Dr Sounak Roy	DST FT	Chemistry	2448000	3 years
6	Biofuels from Lignocellulosic Biomass Waste: Biosolubilization and Biomethanation of Lignin	Dr Asma Ahmed	DST FT	Chemical Engineering	2410000	3 years
7	Finding Aggregation-induced Emission Active Materials: Design, Synthesis and Photo-physical Studies of Sterically Hindered Triarylethenes and Tetraarylethenes	Dr Manab Chakravarty	DST	Chemistry	3838000	3 years
8	Development of Novel Compounds for the Treatment of Neural Complications of Diabetes	Prof P Yogeeswari	DST-Indo-Portugal	Pharmacy	604000	3 years
9	Bianchi Type Cosmological Models in Modified Theories of Gravitation	Dr Bivudutta Mishra	DST	Mathematics	1108800	3 years
10	Towards Metalloneurochemistry inside a Niosome: A Fluorescence Spectroscopy Approach	Dr Amit Nag	DST	Chemistry	2498000	3 years

S. No.	Title of the Project	Principal Investigator	Funding Agency	Department	Sanctioned Amount (Rs)	Duration
11	Adenovirus-delivered RNAi as an Antiviral Strategy against Dengue	Prof Swaminathan	DBT	Biology	5967500	3 years
12	Design and Development of Digital Forensic Tools for Clouds LaaS	Dr Geetha Kumari	DIT	Computer Science	5496000	3 years
13	Enzymes from Purine and Pyrimidine Biosynthetic Pathway as Targets for the Development of Mycobacterium Tuberculosis Drugs	Prof P Yogeeswari	DBT-Indo-Brazil	Pharmacy	4822990	3 years
14	D - a-Tocopherol Conjugated Co-polymer based Micelles for Improved Delivery of Chemotherapeutics with Reversal of Multiple Drug Resistance	Dr Swati Biswas	DST	Pharmacy	2240000	3 years
15	Transgenic Embryonic Stem Cell Models for Studying the Role Elevated Levels of DNMT1 and DNMT3A in Neuropsychiatric Disorders	Dr K Naga Mohan	DBT	Biology	2410000	3 years
16	Characterization of Mouse Embryonic Stem Cell Model to Study the Effects of Increased Levels of DNA Methyltransferase 1 (DNMT1) on Abnormal Neurogenesis	Dr K Naga Mohan	DST	Biology	4038400	3 years
17	Gravitational Waves from Oscillations and Instabilities in Neutron Stars	Dr Sarmistha Banik	DST	Physics	1476000	3 years
18	Process Modeling, Design and Validation of Flotation Cell	Dr Jeevan Jaidi	Consultancy	Mechanical	783024	3 months
19	Cell Penetrating Peptide Octa-Arginine Anchored, Multifunctional Poly (amidoamine) Dendrimer to Promote Delivery of Chemotherapeutics in Cancer	Dr Swati Biswas	DBT	Pharmacy	3488640	3 years

Off-campus Programmes and Industry Engagement



In July 2014, the Hyderabad Campus welcomed Prof G Sundar (Director, Off-campus Programmes and Industry Engagement) and Prof Niranjn Swain (Dean, Practice School), who relocated to the Hyderabad campus from Pilani.

A Goal Setting Workshop was organized at the Hyderabad campus for Off-campus faculty members from 29-31 October 2014 to set deliverables for each faculty member. About 35 faculty members from Off-campus Centers across India participated in this programme, and a number of faculty members from the campuses were also present. The programme was convened by Prof S Gurunaryanan (Dean, Work Integrated Learning Programmes) and Prof N Swain (Dean, PS). The sessions were moderated by the Off-campus Group Leaders for various academic disciplines. Off-campus faculty members also met with the Heads of the corresponding academic departments at the Hyderabad Campus.

A number of new professionals joined the Work Integrated Learning Programmes team to drive the efforts in Instructional Design, Business Development, Marketing and Brand Creation, and Human Resource Management. They will be involved with pan-India operations for Work Integrated Learning Programmes.

Office space has been identified within the Hyderabad campus to house the Off-campus team. The interior renovation for this office will soon be underway. Lecture rooms for Work Integrated Learning Programmes have

been renovated. Additionally, a recording studio with high quality equipment is being developed.

An Orientation Programme was conducted from 12-13 January 2015 for new Off-Campus faculty and non-academic professionals. The Orientation was inaugurated by Prof VS Rao (Director, BITS Pilani, Hyderabad Campus), who welcomed the new team members to BITS Pilani University. Professors Gurunaryanan and Swain introduced the participants to the workings of Work Integrated Learning Programmes and Practice School respectively. Prof S Balasubramaniam (Dean, Academic and Resource Planning) and some of the Associate Deans of Work Integrated Learning Programmes and Practice School presented information and conducted various breakout sessions for the new members. This programme also served as an avenue for the new Off-campus faculty members to meet and interact with the on-campus academic community.



Campus Life: Community Welfare Unit

The community welfare unit (CWU) coordinates the welfare and recreational activities of the students and staff members of the institute. In 2014, two new doctors were appointed in the medical centre and consultants in specialized fields visited the medical centre regularly. A new lab technician has also been appointed and efforts are underway to setup a lab. Till then, the diagnostic needs of the campus residents are taken care of by trained staff visiting the medical centre from mediciti twice a week to collect the samples.

The community celebrated for the first time a week long Ganesh Puja and Durga Puja 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 organized by the CWU. Professionals visit the campus to teach musical instruments, classical Dance, keyboard, Yoga and Karate. Community also actively contributed to organizations like YUVA in their clothes collection drive for old-age homes and orphanages. Children's day was organized by CWU in the children spark with lots of games and fun time for kids.



Caring beyond our Walls - NSS / NIRMAN / SCIO

Towards Better Society and Environment

NIRMAAN

SAP (School adoption Program)

- **Project SAAKAR:** 10 underprivileged women were selected from the village of Pothaipalli. Raw material for making candles was supplied to them and they were trained in the art of candle making. These candles were marketed by Nirmaan Volunteers and the profits were equally distributed among the women.
- **Wish Tree:** As a part of Joy of Giving Week, wishes of school children were put up on the tree.
- **Come Be My Teacher:** During ATMOS, 70 children from local Government schools were brought to the campus. An outdoor classroom was arranged where they were taught vedic maths, art and crafts etc.
- **Hudhud Relief Program:** An amount of Rs. 2,37,000 was raised to help the flood victims. Volunteers went to Vishakhapatnam with a truck full of supplies including 1100 kgs of rice, 1000 blankets, mosquito coils to help around 600 families.

Ignite – All round Education Project

It is an education project aimed at providing value-based education to the under-privileged. Extending from schools and orphanages to a cluster of houses it reached out to kids from different backgrounds and offered practical, quality education to about 750 under privileged students in an academic year.

Medical Camp at Pothaipalli village

NSS along with Nirmaan organised a medical camp in Pothaipalli village for the villagers of all age groups on 16 November 2014. Blood samples of 150 villagers were taken by the PhD students of the Biology Department as part of the check up to test vital parameters like RBC count, Hemoglobin content, Sugar levels etc.

Invited eminent speakers gave guest lectures. In this big event on campus, students from several departments participated under several departments to make it a huge success.

Student Welfare Division – Fostering Cultures and Talents

Social and Environmental Activities

There are many social organizations actively working on campus like NIRMAAN, YUVA (Youth under visionary action), HOPE and SIRI (society involved in reinventing India on campus).

We have various events on campus like Cloth Donation, Tree Plantation, Blood Donation, Campus Clean Up programs, Career Planning, Medical Camps, Campus Tour for School Students.

SCIO - Veda



A precursor session was conducted for students of Class XI and XII from schools in and around Hyderabad on January 19, 2014 regarding 'Future career prospects in Engineering and sciences'. Mrs Vanitha Datla, CFO of Elico Ltd, Dr Chandu Parimi, ASTP, BITS Pilani Hyderabad Campus and Prof PK Thiruvikraman, Associate Dean, BITS Pilani Hyderabad Campus were the speakers. Apart from VEDA, counseling sessions were also organized in government schools in Shameerpet, Hyderabad.

SCIO FOUNDATION organized its latest edition of VEDA, VEDA 3.0, on 19 of October, 2014. This Semester's edition, apart from counseling sessions, also hosted an online aptitude test. One Mr Chandra Shekar scored 100 out of 120 and topped the aptitude test. In its latest edition, VEDA saw a foot fall of 1000 students coming from many educational institutes in Hyderabad – Sivam Junior College, Delta Junior College, St Patricks Junior college, Sarath Junior College, Nano Academy, Sanjeevini Junior College, CRPF public school, Narayana Junior College, Chaitanya Junior College, Ramaiah IIT Study circle and FIITJEE.

The event was graced by the presence of Mr Amarnath Reddy Atmakuri, Chief Relations & Strategy Officer, IT

Department, Government of Telangana, who inspired and encouraged young students to become entrepreneurs. Mr Vikram Thummala, DIG of Police, NISA, the Guest of Honour for the event. He emphasized that students need to be determined on their goals and work hard right from high school to be successful in life.

Accolades and Student Round UP

Scholarships:

Following scholarships are availed by the students of Hyderabad campus and the number of students who received them for this academic year is:

- Merit Scholarship – 162 students
- Merit Cum Need Scholarship – 1229 students
- BITSAA Scholarship – 1 student

Creative Zone – Cultural Activities

BITS, Pilani – Hyderabad campus had celebrated 'National Unity Day', birth anniversary of Sardar Vallabhai Patel. As a mark of respect to Sardar Patel's contributions to our Nation's unity, safety and security.

The following events were organized on National Unity Day by BITS Pilani Hyderabad campus.

Director Prof VS Rao had administered the 'Rashtriya Ekta Diwas Pledge (National Unity Pledge)' to all the students, staff and faculty.

To develop the spirit of service and to promote patriotism among its students, BITS has organized an essay writing competition titled 'Sardar Vallabhbhai Patel's contribution to unity, safety and security of India'. The first prize winner Mr B Arvind was awarded Rs 5000, Ms N Rajeswary second prize of Rs 3000 and Mr Pallav Sharma, third prize of Rs 2000 followed by merit certificates.

BITS Library conducted a special display of books, essays and pictorial exhibition of rare photographs of Sardar Vallabhai Patel to inspire students to develop the spirit of service and to encourage patriotism.

2.5 K 'Run for the Unity' was organized in the campus. Students, faculty, and staff members enthusiastically participated in the run and prizes were distributed to the winners.

Pearl 2014

Pearl, the annual National Cultural Festival entered the 4th edition. With headlining acts by Wolfmother and Javed Ali, Pearl has now become a fest of National repute. With almost 2000 students Participating in it, Pearl is one of the most sought after festivals in India. It was held during 6-9 March 2014. The cultural events included:

- Classical Performance by Ganesh and Kumaresh
- International Rock Show by Grammy award winning Wolfmother
- Bollywood Show by Javed Ali
- DJ night by Electrovertz



ATMOS 2014



The Annual National Techno Management Fest of BITS Pilani Hyderabad Campus was inaugurated by Chief Guest Mr KT Rama Rao, Hon'ble Minister of Information Technology and Panchayati Raj, for Telangana state on 9 October 2014 in the institute Auditorium.

The chief guest expressed his happiness to be a part of the technological extravaganza. He stressed on improving the entrepreneurial culture among the students and congratulated BITS for its technological excellence. Professor VS Rao, Director spoke about the technological culture on campus that focuses on innovation and entrepreneurship.

The three-day fest saw participation from 40 colleges in various technical events, competitions and workshops. ATMOS-2014 witnessed a footfall of 1600 students from outside the campus.

There was a professional show performed by 'Paradigm Shift' band. The perfect balance of technical activities and informal events lit up the festival and made sure that everyone who participated had a memorable experience. For the first time, the Visual effects club has made an animated trailer for the festival which attracted and amazed the entire student body.

Invited eminent speakers gave guest lectures. In this big event on campus, students participated to make it a huge success.

Inauguration of Auditorium

Construction of Auditorium was completed and inaugurated by the Chancellor Sri Kumar Managalam Birla on 9 August 2014. The auditorium has a seating capacity of 2500 nos spread out in 1.44 lakh sft.



Convocation '14



BITS-Pilani Hyderabad Campus held its convocation for the passing out undergraduate, post graduate and Ph.D students today. **Dr Kumar Mangalam Birla**, the Chancellor, Birla Institute of Technology and Science, Pilani presided over the convocation. **Padma Bhushan Dr K Radhakrishnan**, Chairman, Space Commission; Secretary, Department of Space and Chairman of ISRO was the chief guest and delivered the convocation address.

Prof BN Jain, Vice-Chancellor; Prof VS Rao, Director, Hyderabad campus; Prof MMS Anand, Registrar; Directors of other BITS campuses; senate members participated in the academic procession. Among the other dignitaries included members from the academia, industry, BITS Alumni and administrative officials. The students receiving the degrees accompanied by their parents were present on this occasion.

In this convocation a total of 683 students received their degrees out of which 589 were undergraduate students, 91 higher degree and three doctorate degrees. Ms SK Harshitha (M.Sc. Physics) received the gold medal, Mr Mayank (Civil) the silver and Mr Malde Nishit Ketan (Electronics and Communications) received the bronze medal for the best academic performance in the graduating class of 2014.

Padma Bhushan Dr K Radhakrishnan, Chairman, Space Commission; Secretary, Department of Space and Chairman of ISRO was the chief guest. He informed that he is fascinated by the illustrious array of alumni who have made a difference to this country through their pioneering contributions. He congratulated the graduating students for fulfilling the first goal of university education and expressed that convocations symbolized accomplishment of a significant goal and the promise of an exciting future.



Distinguished Alumnus





His advice to the students was that when they make decisions on their profession and career, they should always bear in mind that they make a living by what they earn; they make a life by what they contribute.

Chancellor, Dr Kumar Mangalam Birla in his message congratulated the graduating students and their parents and told them to keep a few key points in mind. He talked about the need for continuous learning and picking up unprecedented opportunities and not letting them slide by, about giving back to society and maintaining one's



character and practicing the values of honesty, integrity and compassion, and about giving back to one's alma mater.

The Vice Chancellor, delivered the welcome address and reported the activities of the institute. The report highlighted the achievements of BITS Pilani, and its four campuses taken together focusing on new thrust areas of technology enablement and quality assessment and assurance. He wanted BITS to be listed as one of India's top 3 research-led technical institutes by academic year





Birla Institute of Technology Hyderabad Campus

CONVOCATION 2014 AUGUST 10, 2014







...Gold Medal



...Silver Medal



...Bronze Medal

2015-16, and be counted by 2020-21 amongst the leading 25 technical universities in Asia.

He informed that this can be achieved by an aggressive plan to recruit research-focused faculty, improve the dynamic relation between PhD Programs and Sponsored Research, Upgrade infrastructure and engage industry in an increased manner.

He also mentioned the future plans of the Hyderabad campus and the challenges that limit the growth of

universities, particularly those that are independent, and not publicly funded. In particular he mentioned two challenges educational institutions face (a) funds for creation of lab infrastructure to support research, and (b) rising costs of providing quality education and consequently rising tuition fees. He also included suggestive measures that the government may take in order to address these challenges. Prof VS Rao, the Director in his speech presented achievements of the campus and talked about future plans of the Hyderabad campus



BITS Pilani Golden Jubilee Celebrations



BITS Pilani University has completed 50 vibrant years (1964-2014) and we have celebrated 2014 as the Golden jubilee year. As part of these celebrations various programs have been organized.

Inauguration of Swami Vivekananda Centre of Human Excellence



'Swami Vivekananda Center of Human Excellence' has been inaugurated at BITS-Pilani, Hyderabad Campus on 11 March 2014, as a part of Golden Jubilee celebration of BITS-Pilani and to commemorate 150th birth anniversary of Swami Vivekananda. The center was inaugurated by Swami

Bodhamayananda, Director, Vivekananda Institute of Human Excellence, Ramakrishna Math, Hyderabad. The Director, the Dean and other distinguished faculties of this campus participated in the inaugural function along with more than hundred students. Over the last one year, this center has engaged in overall personality development of students by various means. The center conducts meditation classes, lectures by distinguished speakers, competitions etc., to promote the idea of selfless services among students.

CIIE Idea Contest

As part of Golden Jubilee Celebrations of BITS Pilani, CIIE conducted the Idea Contest. Out of 90 ideas submitted by the students, three were selected for the final prizes.

The first prize of the CIIE Idea Contest is Rs.50,000 cash award for the idea 'Solar Thermal Air-conditioning for hostels' by Mr Dileep Mathews Paul, Mr Manjunath P & Mr Rinu Thomas.

The second prize, cash award of Rs.25,000 goes to the idea 'Water Resource Management through rooftop rainwater harvesting' by Mr Sankalp Gupta, Mr Sumit Srivastava & Mr Manish Panwar.

The third prize, cash award of Rs.10,000 goes to the idea 'Parallax error lens' by Mr Sampanna Kahu & Mr Srijan Kumar.

Panel discussion on Women and Leadership

Birla Institute of Technology and Science Pilani, Hyderabad Campus organized a panel discussion on the topic 'Women

and Leadership'. The event was jointly conducted by the Department of Humanities and Social Sciences and the Department of Economics and Finance.



The panel included Mrs. Shailaja Kiran (Managing Director, Margadarsi Chit Funds Ltd), Mrs Vanitha Datla (CFO & Executive Director, ELICO Ltd), Mrs Karuna Gopal (CEO – Confluence Consulting). The speakers spoke on how women should face the challenges in their life bravely without giving up and try getting to higher positions in the society. The discussion was followed by a Question and Answer session. Later Prizes were given away to the winners of the poster making competition with the theme being 'Women Empowerment'.

BITSATHON

A10K Run event was organized by the campus focusing on Hyderabad for innovation: Over the last five decades, several BITSians have made us proud with their innovations and success across the globe. The 10K run gave us an opportunity to connect with the people of Hyderabad and call for a unique blend of tradition and innovation.

"We believe that there is great potential in the energy of youth. The Golden Jubilee is indeed a special milestone for the University and we are confident that the next decade will usher in the next phase of our growth powered by young leaders of tomorrow." at Necklace road Hyderabad.





National Seminar on 'Indian Space Technology - Present and Future' on 1 May 2014



BITS-Pilani, Hyderabad campus organized a one day National Seminar on 'Indian Space Technology - Present and Future' (NSIST-2014) on 1 May, 2014 as a part of the Golden Jubilee celebrations of BITS Pilani. Dr K Radhakrishnan, Chairman, Indian Space Research Organization (ISRO) and Secretary, Department of Space, Government of India was the chief guest. He also delivered Shri GD Birla Memorial lecture on 'Reach and Relevance of the Space Program in India'. He also presented future programs of ISRO and their relevance to society. Prof VS Rao, Director, BITS Pilani Hyderabad Campus felicitated Dr K Radhakrishnan on this occasion of him being conferred Padma Bhushan by Government of India.

On this occasion, Shri S Ramakrishnan, Director, **Vikram Sarabhai Space Centre**, Thiruvananthapuram; Shri AS Kiran Kumar, Director, Space Application Centre, Ahmedabad;

Dr V Narayanan, Deputy Director, **Liquid Propulsion Systems Centre**; Dr MYS Prasad, Director, Satish Dhawan Space Centre **SHAR**; Shri Sumitesh Sarkar, Group Director, Space Application Centre; Ms. Manju Sarma, Group Head, National Remote Sensing Centre, Hyderabad; Shri Bhanu Murthy, Group Director, NRSC and Dr PG Diwakar, Group Director, NRSC delivered lectures on various aspects of space program and technology.

Abhinandan

BITS Pilani Hyderabad campus organized an event, 'Abhinandan' in the newly built Auditorium on 8 November 2014 to commemorate the completion of the first phase of Hyderabad campus project. The Guests of honor for the function were Dr Jayesh Ranjan, IAS; Shri Prabhakar Reddy, IAS (Retd); Shri Rajendranath Reddy, IPS; and Shri SBL Mishra, IFS.

Government officials, faculty and staff, who made dedicated contributions towards First Phase Project Completion were felicitated in this function. Cultural performances from various student clubs formed a part of the program.



Innovation and Entrepreneurship: CIIE

Summer in a Start-up: CEL lead a summer internship programme in BITS for the first & third year students in which about 10 students got internship opportunities in various startups all over the country. They were also offered a stipend of Rs.15,000. The event generated a lot of enthusiasm and about 92 students from BITS participated. CEL collaborated with Hyderabad Entrepreneur Society (HES) and Hello Intern for the same.

Idea Board: An experiment on aggregating the innovative spirit in campus. The idea was to disruptively set minds into thinking by simple schemes. One such was a visual medium, and materialized in the form of two boards kept strategically on the campus asking students, faculty and staff alike to 'Save power for BPHC'. About 60 ideas in 'sticky notes' were found at the end of the week on the boards, which were then aggregated into categories and analysed

for implementation efficiency. Efforts are in process to try and apply a few of the technological solutions that were suggested. This experiment also gave us an idea of the number of 'hits' a disruptive medium would have on the general populace.

CEL Lecture Series: A lecture series meant to educate the students on basics such as various business models, B-plan writing, elevator pitch, case studies and success stories of famous start-ups was initiated. The following lectures were delivered.

- Business models & B plans by Aakash Jain.
- Start-up stories by Naren Krishna Madhurakavi.
- Case study on redbus & Phokatcopy by Tushar Garg.
- Startup evolution by Gokul Nathsriddhar.
- An insight regarding the TBI process by Kunal Bhatia.

Arena

ARENA is the annual sports festival of BITS-Pilani Hyderabad campus was conducted on 30 January to 2 February. Arena was launched to bring out the sporting spirit in students from different parts of the country, and to create an opportunity for them to take part in various sporting disciplines, over a period of three days. Arena'14 saw around 2400 participants from all across the nation participating in many indoor and outdoor sports events, held for both boys and girls. The fest offered a comprehensive entertainment and sportive atmosphere, not only competitions but also extravagant entertainment and professional shows.



Introducing New Faculty (1 January – 31 December 2014)

Sl No	Name of the Faculty Member	Designation	Group	Research Area
1	Ms JU Krithika Aishwarya	LECT	Civil	Transportation Planning, Traffic Engineering
2	Dr Trishikhi Raychoudhury	ASTP	Civil	Environmental Engineering, Water Resources Management
3	Mr Dip Sankar Banerjee	VFAC	CS & IS	
4	Dr Suchetana Chakraborty	ASTP	CS & IS	Wireless Sensor Network
5	Prof Ramana Sonti	ASOP	Economics & Finance	Corporate Finance
6	Dr Archana Srivastava	ASTP	Economics & Finance	International Economics
7	Dr Runa Kumari	ASTP	EEE	Antenna and Microwave Engineering
8	Dr Venkateswaran Rajgopalan	ASTP	EEE	Bio Medical Engineering
9	Prof G Bhuvaneshwari	VPROF	EEE	Power Electronics, Machines, Drives and Renewable Energy
10	Ms Sunita Singh	LECT	EEE	Power Electronics, Electrical Machines and Drives
11	Mr Deepu Vijay M	LECT	EEE	Power Electronics, Electrical Machines and Drives
12	Dr Srinivasa Rao Zinka	ASTP	EEE	Microwave Engineering
13	Mr Santosh Kumar Mahapatra	VFAC	Humanities and Social Sciences	English Language Assessment
14	Dr Maria Mercy Amutha A	ASTP	Humanities and Social Sciences	ESP, New Historicism
15	Dr Veerendra Vikram Awasthi	ASTP	Mathematics	Algebraic Topology
16	Dr Debdas Ghosh	ASTP	Mathematics	Fuzzy Optimization
17	Dr Sabareesh Geetha Rajasekharan	ASTP	Mechanical	Fluid Structure Interaction, Wind Engineering
18	Dr Arti Dhar	ASTP	Pharmacy	Pharmacology

Great Pleasure visiting BITS (Hyderabad). It is a beautiful place with a great future.

Bharat Ratna Prof CNR Rao
IISC, Bangalore

It has been great visiting BITS Pilani Hyderabad. It is very nice to see the spirit and high energy in the students, faculty and above all in the director.

Shri Kanwal Rekhi
Los Gatos, CA

It was a great privilege for me to be in the BITS campus, along with several of my senior colleagues and witness the tremendous development and accomplishments done all in a small period of time. I was particularly touched by the enthusiams and energy levels of the young students and their organisation skills.

Padma Bhushan Dr K Radhakrishnan
Chairman, ISRO

Greatly delighted!. The institution has come up excellently and I wish Prof Rao and the colleagues every success in their future endeavours

Padma Vibhushan Prof P Rama Rao
ARCI, Hyderabad

It was a privilege to visit this magnificent campus and see for oneself how world class infrastructure is being built with an ambitious education and research innovation linkage. Very proud to see these unique developments in the BITS Pilani institutional set up which has produced world class alumni. Congratulations to Prof Rao for his dynamic leadership!

Padma Vibhushan Dr RA Mashelkar
National Research Professor, NCL Pune

It was pleasure visiting BITS Hyderabad Campus on 6th foundation day. Institute has made outstanding progress and brought in culture of Research, innovation and entrepreneurship. Its linkages with industry are blooming well. Leadership has moulded it into a center for Excellence. May it grow from strength to strength.

Padma Bhushan Dr VK Saraswat
Homi Bhabha Chair Professor, IIT Hyderabad

Prof Rao garu, Great effort in building a wonderful facility with international standards. Appreciate and applaud the work. Look forward to your expansion. God Bless

Shri KT Rama Rao
Hon'ble Minister PR & IT

Such a fantastic campus, accomplished faculty and cheery students! Congratulations!!

Dr Gopichand Katragadda
*Chairman and Managing Director,
GE India Technology Centre*

Its an exhilarating visit to BITS Hyderabad Campus. The campus has come up beautifully with well thought art and aesthetically excuted. Had wonderful interaction with Sr Faculty and bright students. Doubtless, we will hear a lot of this great institution in future and the achievements of its alumni in nation building and contribution to the humanity as well. I whole heartedly congratualte Prof V S Rao of his pioneering effort and dedication in shaping and nurturing this institution in its infancy.

Shri AK Khan
IPS, Director General of Police, ACB, AP

Prof Rao, it was such a pleasure to visit BITS and learn about your very impressive and beautiful institution. I hope to keep in touch and develop many fruitful collaborations.

Mr Hillary H Carter
*Biosecurity, Engagement program. US Dept and State
Washington, DC*

I am inspired by the vision of BITS Pilani Hyderabad for creating such a wonderful campus. Prof V S Rao has a great passion combined with vision who can and will shape this as one of the great campuses in the country and a feather in AP state.

Shri B Ashok Reddy
Infotech Enterprises, CII Chairman

A great institution that is shaping the destiny of this country. Prof Rao's enthusiasm in educating the youngsters and equipping them for life is worth emulation. All the very best.

Shri NVS Reddy
MD, Hyderabad Metro Rail Ltd

Great Campus. Very good use of natural landscape. I can smell innovation and will be back. Bonus: fortunate to meet Prof Rama Rao

Shri Anil Katakam
Innominds Software Hyderabad

innovate

achieve

lead

BITS Pilani

Hyderabad Campus

BITS in Media



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