

IIT Bombay Celebrates 58th Teacher's Day



Prof. Devang V Khakhar, Director, IIT Bombay (standing on the podium), (L-R) Prof. Avinash Mahajan, Associate Dean (AP), Chief Guest Prof. Sabyasachi Bhattacharya, Distinguished Professor, Tata Institute of Fundamental Research and Prof. P.V. Balaji, Dean (R&D), IIT Bombay during Teacher's Day function 2016

The Indian Institute of Technology (IIT) Bombay celebrated **58th Teacher's Day** on September 2, 2016 at the Institute campus, commemorating the birth anniversary of noted philosopher, educationist and statesman Dr. Sarvepalli Radhakrishnan. On the occasion, **Prof. Sabyasachi Bhattacharya, Distinguished Professor, Tata Institute of Fundamental Research** was the Chief Guest.

Prof. Sabyasachi Bhattacharya conferred the **Excellence in Teaching Awards (2016)** and **Dr. P. K. Patwardhan Technology Development Award (2015)** as a recognition to the contribution made by the faculty members of IIT Bombay in the field of teaching and research during the Teacher's Day function. The list of the awardees is as follows:

Awards for Excellence in Teaching (2016):

Prof. N.B. Ballal, Dept. of Metallurgical Engineering and Material Science
 Prof. P.J. Golay, Dept. of Humanities & Social Sciences
 Prof. A.N. Joshi, Dept. of Industrial Design Centre
 Prof. A. Juneja, Department of Civil Engineering
 Prof. S. Mahajani, Department of Chemical Engineering
 Prof. R. Manchanda, Dept. of BioSciences and BioEngineering
 Prof. P.M. Mujumdar, Department of Aerospace Engineering
 Prof. N. Nataraj, Department of Mathematics
 Prof. K. Pandey, Department of Earth Sciences
 Prof. S. Patankar, Dept. of BioSciences and BioEngineering
 Prof. V. S. Raja, Dept. of Metallurgical Engineering and Material Science
 Prof. K.V.K. Rao, Department of Civil Engineering
 Prof. Sharmila, Dept. of Humanities & Social Sciences
 Prof. S. Shastri, Dept. of Humanities & Social Sciences
 Prof. G.K. Srinivasan, Department of Mathematics

Awards for Excellence in Teaching (2016)



Prof. N.B. Ballal,
Department of Metallurgical Engineering &
Materials Science



Prof. P.J. Golay,
Department of Humanities and Social Sciences



Prof. Anirudha N. Joshi,
Department of Industrial Design Centre



Prof. Ashish Juneja,
Department of Civil Engineering



Prof. Sanjay Mahajani,
Department of Chemical Engineering



Prof. Rohit Manchanda,
Department of Biosciences and Bioengineering



Prof. P. M. Mujumdar,
Department of Aerospace Engineering



Prof. Neela Nataraj,
Department of Mathematics



Prof. Kanchan Pandey,
Department of Earth Sciences



Prof. Swati Patankar,
Department of Biosciences and Bioengineering



Prof. V. S. Raja,
Department of Metallurgical Engineering &
Materials Science



Prof. K.V. Krishna Rao,
Department of Civil Engineering



Prof. P.J. Golay, Department of Humanities and Social Sciences receiving the award on behalf of Prof. Sharmila



Prof. Sudha Shastri, Department of Humanities and Social Sciences



Prof. Gopal K. Srinivasan, Department of Mathematics

Dr. P. K. Patwardhan Technology Development Award (2015)



Prof. Anirban Guha, Department of Mechanical Engineering and his team

Dr. P. K. Patwardhan Technology Development Award (2015) was conferred upon Prof. Anirban Guha, Prof. C. Amarnath, Prof. B. Seth, Prof. K. Kurien Issac and Mr. Abhay Kharade.

The function also witnessed a beautiful cultural performance by the students of the Institute as a mark of gratitude to their teachers. The event was attended by Deans, Heads of Departments, faculty members and students in large numbers.

International Governing Board (IGB) Meeting of BRICS - Network University



Mr. Vinay Sheel Oberoi, Secretary (Higher Education), Ministry of Human Resource Development, Government of India, and Prof. Devang V Khakhar Director, IIT Bombay along with BRICS delegates

The Institute hosted the meeting of the International Governing Board (IGB) of BRICS Network University on September 27, 2016.

The meeting was attended by Mr. Vinay Sheel Oberoi, Secretary (Higher Education) of the Ministry of Human Resource Development (MHRD) and Mr. Siljo V. K., Deputy Secretary, Department of Higher Education, Ministry of Human Resource Development, Government of India along with Prof. Ved Prakash, Chairman of University Grants Commission (UGC) and Dr. Manju Singh, Joint Secretary for International Cooperation of UGC. Senior

government officials and the following academic leaders from the BRICS countries were present for the IGB meeting.

BRAZIL

- * **Leandro Gomes Cardoso**, Head of International Affairs, Ministry of Education of Brazil
- * **Elisa Maria Costa Pereira de S. Thiago**, General Coordinator, Evaluation Department of CAPES, Brazil

RUSSIA

- * **Vladimir Timonin**, Deputy Director, Department of State Policy in Higher Education of Russian Ministry of Education, Russia
- * **Maxim Khomyakov**, Vice-President for International Affairs, Director of the BRICS Studies Centre, Ural Federal University, Russia



Mr. Vinay Sheel Oberoi, Secretary (Higher Education), Ministry of Human Resource Development, Government of India, Prof. Devang V Khakhar, Director, IIT Bombay along with BRICS delegates, senior government and academic leaders

SOUTH AFRICA

- * **Sandile Williams**, Director, University Policy and Development Support at DHET, South Africa
- * **Diane Parker**, Deputy Director General, Department of Higher Education and Training, South Africa
- * **Stephanie Burton**, Vice Principal, Research and Postgraduate Education, University of Pretoria, South Africa

During the meeting, they discussed mechanisms to enhance research collaboration as well as student exchanges at a pan-BRICS level. India is currently the Chair of BRICS and the activities of BRICS Network University will be primarily focused on the following thematic areas: Energy, Computer Science and Information Security, BRICS studies, Ecology and Climate change and water resources and pollution treatment.

IIT Bombay Celebrates Launch Of 'Pratham'

The live screening of the launch of Pratham, student satellite of IIT Bombay was held at 8.30 am on September 26, 2016 at VMCC. The event was graced by the presence of Director Prof. Devang Khakhar, Deans and faculty of IIT Bombay. The event started with the screening of the PSLV lift-off. The satellite was launched from the Satish Dhawan Space Centre in Sriharikota, Andhra Pradesh.

It was a very emotional moment for the whole team with all the people present in the room counting each second from 10 to the lift-off time. The team presented IIT Bombay, especially IRCC, with the mock model of the satellite in gratitude for the immense help extended by the Institute towards the project. This was followed by a brief video about the satellite and a presentation describing the technical details of Pratham by the current project manager of the team.

Prof. Devang Khakhar praised the team for their professionalism. In support of the team, he said, "After the hard work put in by the team for



Team 'Pratham' poses with a prototype of the satellite at IIT Bombay.

this project, they should ensure the continuity of the project by going a step further in building the second satellite. The Institute will fully support such a venture as it has done till now." He added, "Such a project is the best way of learning by applying all the skills learnt by the students on a system that cannot get a second chance if failure occurs".

The parents of some of the team members expressed their elation over the successful launch. "The children have put in tremendous efforts towards the realization of this dream. They have even foregone vacations in order to complete the project."

About Pratham:

The satellite will measure the total electron count of the ionosphere. Pratham was conceptualized by two students of the Aerospace department, Saptarishi Bandopadhyay and Shashank Tamaskar.

About the Team:

The team consists of members from all departments and batches in the Institute. The team is divided into several sub-systems like On-board computer, payload, power and ADCS.



Prof. Devang V Khakhar, Director, IIT Bombay along with the Institute functionaries and students with a prototype of the satellite 'Pratham'

IITB SAP ERP Implementation – Project Overview and Current Status

IIT Bombay is implementing ERP to support its growth plans and integrate various business functions of the Institute. IITB has initiated work on the campus-wide ERP implementation with “SAP-R3 EHP 7.0” as the product “M/s Atos India Pvt Ltd” as the System Integrators and “M/s Ernst & Young” as partners for strengthening and guiding the internal Project Management Office (IITB-PMO).

The scope of services for the SI are:

- Procurement and supply of software product/s licenses and associated software solution components
- Procurement and supply of database and operating systems
- Hardware / Infrastructure estimation and sizing and assistance in procurement
- ERP implementation services till go-live
- Post go-live support

The ERP platform is planned keeping in mind:

- Future expansion plans and support structure requirements
- Proven solution to support the entire gamut of activities of IIT Bombay
- Single system for core and campus management

Typical benefits expected by IIT Bombay by implementing an integrated ERP solution includes:

- Integrated ERP platform across various functions in IITB
- Process standardization for unified approach and experience
- Scalable solution to support the future growth
- Facilitate paperless working and enable to provide decision support

- Facilitate online approvals to reduce cycle time thereby enabling optimal utilization of manpower
- Seamless integration of student life-cycle management excluding learning management

IITB has traveled a long way for SAP implementation. The project is slated to provide IITB with an integrated backbone system in place of the current multiple disparate legacy systems. The project implementation is phased in two parts to accommodate the operational and change management challenges that come up during any large system implementation.

Wave-I of the project will create an integrated finance, procurement, project management, human capital management and plant maintenance system providing real-time and seamless information.

Wave-II of the project will encompass student life cycle management (SLCM) along with related business processes / sub-processes covering hostel and quarter management, hospital management, RTI and an elaborate document management system (DMS).

The project is being implemented using ASAP methodology consisting of phases such as project preparation, business blueprinting, realization, final preparation, cutover, post go-live and support, as shown in the following diagram.

IITB has completed the design phase or the business blue printing (BBP) phase of SAP implementation encompassing the solution design for both core ERP solution and student life cycle management. The business blueprinting phase has delivered

the system design encapsulated in about 120 business blueprints for Wave I and about 20 documents for Wave II implementation. The design has been arrived at after elaborate discussions with process owners and functionaries at IITB.

The SAP system implementation will be consummated with a mix of configuration and customization. Configuration comprises of Atos functional consultants implementing standard business processes as per IITB requirements. Customization delivers IITB specific requirements that cannot be implemented using standard business processes. The custom objects as desired by IITB are further elaborated in functional specifications documents and signed-off by process owners as well as IITB functionaries. The infrastructure of IITB SAP environments is complete with the Data Center and Disaster Recovery systems being fully operational.

Base line configuration and Unit Testing has been completed by Atos. The test results shared by the Atos team have been uploaded systematically on the server. Interface will be provided for smooth functioning of all the activities in the interim phase between Wave I and Wave II. Atos will also perform the integration testing during this phase at the end in order to ensure that the system is functioning smoothly. About 97% of integration testing is completed as on date.

The UAT phase is in progress wherein the process users are actively involved in testing the system. With the active participation of process users, the PM module is completed. UAT of SD and PS modules are on going. All users of the Institute would be provided training for using the ERP system once UAT is concluded.

Hindi Diwas Celebration 2016



Hindi Officer Mrs. Vaishali Bahulkar addressed the audience during the Hindi Diwas Celebration



Hindi Pustak Pradarshani (exhibition)

IIT Bombay celebrated **Hindi Diwas** on September 14, 2016 to mark the day on which the Constituent Assembly of India adopted Hindi written in Devanagari script as the official language of the Republic of India in 1949. As part of the Hindi Pakhawada during September 1 to 14, 2016, Hindi Cell at IIT Bombay organized competitions like Hindi essay writing, general knowledge, Hindi translation and Hindi competition for encouraging the staff members to use Hindi in the official work. The competitions witnessed an overwhelming response from the staff members.

Mrs. Sudha Arora, eminent writer was the chief guest on the occasion and elaborated the importance of Hindi as an official language of the nation.

The certificates and cash awards were distributed by the chief guest, Dr. R. Premkumar, Registrar of IIT Bombay, Mrs. P.V. Juwekar, Assistant Registrar (Admin), Mrs. Vrushali Sansare, Assistant Registrar (Faculty Recruitment) and Mr. S. L. Dhiwar, Assistant Registrar, HCU. The vote of thanks was delivered by Hindi Officer Mrs. Vaishali Bahulkar.

List of the winners of the competitions:

Hindi Essay Writing Competition: September 1, 2016

Sr. No	Name	Prize	Prize Amount
1	Mrs. Pratima Kamble	First	Rs. 2000/-
2	Mrs. Priti Jogle	Second	Rs. 1500/-
3	Mr. Kadam A. Mashruwala	Third	Rs. 1000/-
4	Mr. R. D. Shinde	Consolation	Rs. 500/-
5	Mr. Dilip Chavhan	Consolation	Rs. 500/-
6	Mrs. Vandana Mankar	Consolation	Rs. 500/-
7	Mr. Hariprasad Yadav	Consolation	Rs. 500/-

Hindi General Knowledge Competition: September 2, 2016

Sr. No	Name	Prize	Prize Amount
1	Mr. Ashok Gupta	First	Rs. 2000/-
2	Mr. Sudhir Dhoble	Second	Rs. 1500/-
3	Mrs. Varsha Kosta	Third	Rs. 1000/-

4	Mr. Ashish Ghirnkar	Consolation	Rs. 250/-
5	Mrs. Latika Shinde	Consolation	Rs. 250/-
6	Mr. H. P. Virghat	Consolation	Rs. 250/-
7	Mr. Vinayak Shingade	Consolation	Rs. 250/-
8	Mrs. Seema Kumbhar	Consolation	Rs. 250/-
9	Mr. Dilip Chavhan	Consolation	Rs. 250/-

Hindi Translation Competition: September 6, 2016

Sr. No	Name	Prize	Prize Amount
1	Mr. Sudhir Dhoble	First	Rs. 2000/-
2	Mr. Dharmendra Chaurasiya	Second	Rs. 1500/-
3	Mrs. Shamal Mahadik	Third	Rs. 1000/-
4	Mr. Ashok Gupta	Consolation	Rs. 500/-
5	Mrs. Seema Kumbhar	Consolation	Rs. 500/-
6	Mr. Jitendra Kumar Jain	Consolation	Rs. 500/-
7	Mrs. Dipti Kulkarni	Consolation	Rs. 500/-

Hindi Dictation Competition : September 7, 2016

Sr. No	Name	Prize	Prize Amount
1	Mr. Vinaya Kumar Mishra	First	Rs. 2000/-
2	Mr. R. D. Shinde	Second	Rs. 1500/-
3	Mrs. Nayana Menon	Third	Rs. 1000/-
4	Mr. Namdev Jadhav	Consolation	Rs. 500/-
5	Mr. Ramdhani Lodh	Consolation	Rs. 500/-
6	Mr. Anil Jadhav	Consolation	Rs. 500/-
7	Mr. Dileep Gangad	Consolation	Rs. 500/-

Certificates and cash awards were also awarded to staff members who have done exemplary work in Hindi language. The list of the winners in this category were:

Sr. No	Name	Prize Amount
1	Mr. Mukesh Madhukar Phansekar	Rs. 3000/-
2	Mr. D. R. Naik	Rs. 3000/-
3	Mrs. Prachi Kumbhare	Rs. 3000/-
4	Mrs. Sai Navalkar	Rs. 3000/-
5	Mrs. Shravani Aamberkar	Rs. 3000/-
6	Mr. Jitendra Kumar Jain	Rs. 3000/-
7	Mrs. Asha B. Wavikar	Rs. 3000/-
8	Mr. Anil Jadhav	Rs. 3000/-
9	Mrs. Rajni Bhate	Rs. 3000/-

As a part of Pakhwada, the Central Library with the help of Hindi Cell, organized a four day 'Hindi Pustak Pradarshani', a book exhibition during September 6 – 9, 2016. Prof. S V Kulkarni, Associate, Dean (IPS-II) inaugurated the exhibition.

CURED - Social Initiative of Techfest, IIT Bombay

Continuing its efforts to make people aware about diabetes, Techfest, the annual technical fest of IIT Bombay successfully conducted a social initiative titled (Can U Really Escape Diabetes?!) CURED. Under CURED, a **cycling marathon was held** on October 9, 2016 in the IIT Bombay campus. It saw an overwhelming participation of more than 1600 enthusiasts. This event aimed to promote the importance of cycling, which goes a long way in controlling the sugar level of a person. The tagline for the event was, "Pedal away from Diabetes!"

Well-known cyclist Mr. Mahendra Mahajan who is a RAAM (Race Across America) Finisher was the chief guest for the event. Mr. Mahajan was overwhelmed and appreciated the efforts of the students for conducting an event of such magnanimity. He also spoke on the importance of cycling and how it helps in not only maintaining the sugar levels but also reducing pollution in our surroundings. He



Participants at Cycling Marathon hosted by Techfest

added that proper infrastructure needs to be developed in order to encourage cycling in the country.

Top 20 cyclists of the country were also present at the event. They were felicitated by Mr. Mahendra Mahajan. The cyclothon was conducted along a 15km long route in the IIT Bombay Campus. It was free of cost for people above 12 years of age to encourage participation from colleges and students. Free T-shirts and basic refreshments during cyclothon were also provided by Techfest.

Blood Donation Camp



Blood Donation Camp at the Institute

On the occasion of the National Voluntary Blood Donation Day, 2016, **Abhyuday**, the social body of IIT Bombay in collaboration with the **IITB Sports Council** and the **51st Inter IIT Sports Meet** organised a **blood donation camp** on October 1, 2016 in interest of raising awareness among people regarding the importance of blood donation and encouraging students to donate.

The event was facilitated with the help of BloodConnect who had arranged two blood banks - J. J. Mahanagar Blood Bank and Seva Blood Bank - to help with the medical necessities

and the equipment for the donation. The drive witnessed blood donation from around 418 people including faculty, students and staff of the Institute. Residents of IIT Bombay campus also participated in the camp and contributed towards this noble cause.

Sthaniya Lokadhikar Samiti, IIT Bombay had organised blood donation camp on October 22, 2016. This camp was arranged with the help of **KEM Hospital** Blood bank and **Samwad-IITB**. 215 bottles were collected through students, staff, faculty donors.



Institute Colloquium / Lectures



Prof. Dipak Mazumdar, Ministry of Steel Chair Professor, IIT Kanpur delivered the fourth lecture of the “Steel Colloquium Series” on “*Engineering in Steel Making*” on September 2, 2016.



Prof. Sugata Mitra, Professor of Education Technology, School of Education, Communication and Language Sciences, Newcastle University, United Kingdom delivered an Institute Colloquium on “*The Future of Learning*” on October 13, 2016.



Mr. Navroz H Seervai, Senior Counsel, Bombay High Court & Supreme Court of India, delivered Fourth Lecture of the “Institute Lecture Series on the Indian Constitution” on “*Article 368: Amending the Indian Constitution*” on October 22, 2016.



Dr. Srinath Raghavan, Senior Fellow, Centre for Policy Research, New Delhi, delivered an Institute Colloquium on “*The Economic Consequences of the War: India, 1939-45*” on September 21, 2016.



Dr. Manish Gupta, Vice President and Director, Xerox Research Center, India, delivered an Institute Colloquium titled “*Towards Personalized Education and Healthcare using Data and Behavioural Sciences*” on October 19, 2016.



Mr. Alok Chandra, Executive Vice President, JSW Steel Ltd, delivered the Steel Colloquium on “*Rebuilding of Blast Furnace by ‘Single Block’ Method – An Engineering Marvel*” on September 28, 2016.



Dr. R. Balamuralikrishnan, Scientist ‘G’, DMRL, Hyderabad delivered the lecture of the “Steel Colloquium” on “*Low Alloy Steels for Naval Applications: From Lab to Product, From Science to Technology*” on October 20, 2016.

Departmental Lectures

Department of Humanities and Social Sciences

Prof. Navaneetha Mokkil, Centre for Women's Studies, Jawaharlal Nehru University, New Delhi gave a talk in a seminar on "*Who Owns a Life? Mediated Practices of Representation in C. K Janu's Life Narrative*" on September 9, 2016.

Prof V. N. Sheshagiri Rao, Emeritus Professor and Retired Head of the Department of Philosophy, Mysore University, gave a talk in a seminar "*Tagore's Philosophy of Accommodation*" on September 16, 2016.

Prof. L.S.S Manickam, JSS University, Mysuru, gave a talk in a seminar on "*Jasmine at one's courtyard does not smell good: Challenges of Research on Indian concepts of Psychology*" on October 5, 2016.

Dr. Rochelle Pinto, Research Fellow, Nehru Memorial Museum and Library, New Delhi, gave a talk in a seminar "*Settling the land: the village and the threat of capital in the novel in Goa*" on October 6, 2016.

Prof. Ramesh Chandra Pradhan, University of Hyderabad, gave a lecture on Philosophy sponsored by Indian Council for Philosophical Research (ICPR) titled, "*Meaning in mind: Fodor and Searle on two contrasting views*" on October 7, 2016.

Dr. Shailender Swaminathan, Public Health Foundation of India, New Delhi, gave a talk in a seminar on "*The Impact of the Introduction of Government Health Insurance Programs on Health and Borrowing: Evidence from the Medicare Program in the United States and the RSBY Program in India*" on October 19, 2016.

Dr. Clemency Montelle, University of Canterbury, Christchurch, New Zealand, delivered a talk in a seminar on "*From karan.a to kos.t.haka: The emergence of numerical tables in second millennium Sanskrit astronomy*" on October 26, 2016.

Department of Industrial Design Centre

Mr. Muthu Nedumaran, Typography expert gave a talk in a seminar on "*Digital Typography in Indian and Indo-Chinese scripts*" on September 8, 2016.

Department Of Metallurgical Engineering & Materials Science

Dr. H.J. Fecht, Chaired Professor, Faculty of Engineering and Computer Science, University of Ulm, Germany and Director of the Institute of Micro and Nanomaterials delivered a talk in a seminar on "*Mechanical Metallurgy of Steel: From ancient sword making to modern nanotechnology*" on October 7, 2016

Department of Computer Science and Engineering

Prof. G. Sen Gupta, Engineering Programme Director School of Engineering and Advanced Technology (SEAT) Massey University gave a talk in a seminar on "*Sensors, Robotics and Automation: Current State and Opportunities in New Zealand*" on September 2, 2016

Dr. Anand Rajaraman, Founding Partner of two Silicon Valley venture capital funds gave a talk in a seminar on "*Data-Driven Disruption: The View from Silicon Valley*" on September 13, 2016.

Centre For Urban Science And Engineering

Prof. Akimasa Fujiwara, Hiroshima University, Japan delivered a talk in a seminar on "*Smarter city coexisting private and public transports based on autonomous driving system*" on October 8, 2016.

Prof. Makoto Chikaraishi, Graduate School for International Development and Cooperation, Hiroshima University, gave a talk in a seminar on "*Advanced route choice models and their applications with freight vehicles'GPS data*" on October 8, 2016.

Centre for Technology Alternative in Rural Areas (CTARA)

Mr. Vijay Bhat, Vice President & Head, Power Distribution, Bajaj Electricals, conducted a session on "*Our Role in Rural Electrification and Nation Building*" on October 14, 2016

Centre for Policy Studies (CPS)

Mr. Madhukar Gupta, Additional Secretary, Department of Public Enterprises, Government of India delivered the keynote address and a talk on "*Corporate Social Responsibility (CSR) in India: Policy, Performance and Potential*" on September 29, 2016. The Centre for Policy Studies (CPS) organised this first talk under the "*Development Discourse Series*" in collaboration with the Office of the Dean Alumni and Corporate Relations (ACR). **Prof. Utkarsh Majumdar**, IIM Udaipur was a key discussant who have conducted a study on the CSR performance of Indian companies. Other discussants included Mr. Alok Bhargava, Former Executive Director, IL&FS Investment Managers Ltd and Prof. Bakul Rao, CTARA, IIT Bombay.

Awards and Distinctions

Prof. Nina Sabnani, Department of Industrial Design Centre won the grand prize "Light of Asia" at the International Animation Festival Indie-Anifest at Seoul for the film "Hum Chitra Banate Hain" (We make Images) made under the TCTD project.

Prof. D. Maiti, Department of Chemistry has been invited to be a Member of the Editorial Advisory Board of Organometallics.

Prof. D. N. Singh, Department of Civil Engineering has been invited to become Fellow of the Institution of Civil Engineers (ICE), London in recognition of his excellent research contributions.

Prof. Prasenjit Ghosh, Department of Chemistry has been invited to be a Member of the Editorial Advisory Board of Organometallics.

Prof. Abhay Karandikar, Department of Electrical Engineering has been selected to receive the IEEE-SA Standards Medallion award for his major contributions to the development of Standards.

Prof. Amartya Mukhopadhyay, Department of Metallurgical Engineering & Materials Science has been selected to receive the INAE Young Engineer Award 2016.

Prof. Mukhopadhyay have also been awarded the ASM-IIM North America Visiting Lectureship Award 2016.

Prof. Santanu Bandyopadhyay, Department of Energy Science and Engineering has been appointed as :

- (1) Associate Editor, International Journal of Energy Technology and Policy, Interscience,
- (2) Section Editor (Energy Engineering), INAE Letters, Springer Nature,
- (3) Editor-in-Chief (with Prof. Dominic Foo and Prof. Raymond Tan), Process Integration and

Optimization for Sustainability, Springer Nature (First issue will be published in 2017) and

(4) Section Editor (Energy Systems), Encyclopaedia of Sustainable Technologies, Elsevier.

Prof. D. Bahadur, Department of Metallurgical Engineering & Materials Science has been invited to serve on the editorial board of journal "Scientific Reports" published by the Nature Publishing Group.

Prof. Anil Kumar, Department of Chemistry, has been invited to join the editorial advisory board of "ACS Sustainable Chemistry and Engineering journal."

Prof. G. K. Lahiri, Department of Chemistry, has been selected by the Council of the Indian Chemical Society to receive Rev. Fr. L. M. Yeddnapally Memorial Award for the year 2015.

He has also been elected as a Fellow of The National Academy of Sciences, India (2016).

Prof. Sanjeeva Srivastava, Department of Bioscience and Bioengineering has been selected as a member of the Human Proteome Organization at the HUPO World Congress in Taipei in 2016.

Prof. K P Madhavan, Emeritus Professor, Department of Chemical Engineering has been selected by the International Society of Automaton for its life time achievement award.

Prof. Suvam Kulkarni, Department of Chemistry, has been successfully nominated for Dr. H. C. Srivastava Memorial Lecture Award-2016.

Prof. R. Murugavel, Department of Chemistry, has been invited by the Council of JNCASR to be a Honorary Professor of JNC for a period of two years.

Prof. Aftab Alam, Department of Physics has been invited to join the editorial board of the journal Advanced Materials Letters (AML, www.vbripress.com/amp).

Prof. S. R. Kotha, Department of Chemistry, has been elected as a Fellow of Indian National Science Academy, New Delhi.

Prof. Debabrata Maiti, Department of Chemistry has been invited to become 'Associate Editor' of 'The Journal of Organic Chemistry'.

Students Category

Dr. Parthasarathi Subramaniam, Former Ph.D student, has been selected to receive the Eli Lilly and Company Asia Outstanding Thesis Award for the year 2016.

Conference / Workshops / Seminars

Prof. Rajakishore Nath, Department of Humanities and Social Sciences, presented a paper "*Wittgenstein on the existence of mind in the physical world*", in the 39th International Wittgenstein Symposium 2016 organized by Austrian Ludwig Wittgenstein Society at Kirchberg am Wechsel, Austria during August 7 – 13, 2016.

International Conference on 'Sustainability in Geotechnical Engineering Practices and Related Urban Issues'

International Conference on "*Sustainability in Geotechnical Engineering Practices and Related Urban Issues*" was jointly organised by the Indian Geotechnical Society (IGS), Indian Geotechnical Society Mumbai Chapter (IGS Mumbai Chapter) in association with International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE) during 23-24 September, 2016. Prof. Deepankar Choudhury (Organising Secretary), Prof. Santiram Chatterjee, (Convener, Technical Committee) and Prof. Prasenjit Basu (Convener, Technical Committee), department of Civil Engineering, IIT Bombay co-ordinated the event.

Publications

Prof. Rajakishore Nath, Department of Humanities and Social Sciences, published a paper "*Wittgenstein on the existence of the mind in the physical world*", Austrian Ludwig Wittgenstein Society, 39, 2016, Pp. 181-182.

Prof. Rajakishore Nath, Department of Humanities and Social Sciences, paper "*Can*

naturalism explain consciousness: A critique has been accepted for the publication '*Artificial Intelligence and Society: Journal of Knowledge, Culture and Communication* {ISSN: 0951-5666 (Print)} {ISSN: 1235-5655 (Online)} 2016('Springer') [10.1007/s00146-016-0671-6](https://doi.org/10.1007/s00146-016-0671-6) <<http://www.springer.com/-/3/AVZ2i8O4idRXxOXYzHxr>>

Prof S Narayan Rao, SJM School of Management, presented paper on '*Stock Returns, Aggregate Earnings Surprises, and Behavioural Finance - An empirical study on Indian Market*' at 6th Rimini Conference on Bomics and Finance. held at Waterloo (Canada) during 16-18 September, 2016. This paper is based on project work done by Mr Phaneendra V as part of M Mgt programme, under the guidance of Prof S Narayan Rao.

Prof. Sanjeeva Srivastava, Department of Bioscience and Bioengineering book (edited) "*Biomarker Discovery in the Developing World: Dissecting the Pipeline for Meeting the Challenges*" has been published by Springer. (<http://www.springer.com/in/book/978813222835>)

Prof. S.P. Mahulikar, Ms. Pallavi Rastogi, Research Scholar, Dept. of Aerospace Engineering published the research paper on "*Analyzing Black-Hole Using Negentropy: Mahulikar, S.P. & Rastogi, P. 2016 (Oct) Study Of Black-Hole As Dissipative Structure Using*

Negentropy Canadian Journal of Physics, 94(10) 960-966.

Prof. K Narayanan, Department of Humanities and Social Sciences and N. S. Siddharthan (Madras School of Economics) book (edited) "*Technology: Corporate and Social Dimensions*" has been published by Springer (<http://link.springer.com/book/10.1007/978-981-10-1684-4>)

Prof. Dinesh Kabra, Department of Physics, research work on how to improve the efficiency of perovskite LED has recently been accepted in the journal '*Advanced Functional Materials*' and the editors intend to include it in their in-house materials sciences news website, www.materialsview.com.

Prof. Atul Sharma, Department of Mechanical Engineering, Text-Book "*Introduction to Computational Fluid Dynamics: Development, Application and Analysis*" has been published by Athena Academic UK (for Indian Subcontinent) and under-publication by John Wiley & Sons (Internationally).

NOTIFICATION

Prof. Anindya Dutta, Department of Chemistry has been appointed as Head, Centre for Research in Nanotechnology and Science (CRNTS) & SAIF w.e.f. August 31, 2016.

Prof. K. G. Suresh, Department of Physics has taken over the charge of Chairman, JEE w.e.f. September 26, 2016.

Prof. G.V. Sreekumar has been appointed as Head, Industrial Design Centre w.e.f. October 3, 2016.

Shri. Umesh R. Korade, Assistant Registrar, Hostel Co-ordination Unit (HCU) is transferred and posted in the Academic Section.

Shri. Sunil L. Dhiwar, Assistant Registrar is posted to Hostel Co-ordination Unit (HCU).

Retirements on September 30, 2016

Prof. U.N. Gaitonde, Department of Mechanical Engineering Department, retired after 36 years of service.



Prof. M.V. Khire, Associate Professor, Centre of Studies in Resources Engineering (CSRE), retired after 40 years of service.



Prof. P.R. Bhat, Department of Humanities and Social Sciences, retired after 37 years of service



Dr. Ramnath P.R.C. Aiyar, Principal Research Scientist, Centre for Research Nano Technology & Science (CRNTS), retired after 32 years of service.



Shri. Makbul A. Khan, Messenger (SG), Administration Section, retired after 35 years of service.



Retirements on October 31, 2016

Mr. C S Ramesha, Sr. Assistant Engineer, Estate Office, retired after 35 years of service



Ms. Annie Francis, Sr. Technical Superintendent, Department of Chemical Engineering, retired after 39 years of service



Mr. M.S Rajan, Sr. Technical Superintendent, Department of Industrial Design Centre, retired after 33 years of service



Mr. K. Gopinathan, Superintendant, Hostels, retired after 36 years of service



Shri. Ram Prasad A Nyaupane, Watchman (SG), Security Section retired after 36 years of service



In the
Wilderness



Photo Credit :
by Mr. Batu S. Kambale
IIT Hospital

SAT'N PEPPER

by Dr. Arun Inamdar

100% successful event, dude!..not just the participant runners, but everyone else was made to run, too..the residents, to bring down noise and the animals-birds, for their lives!



CEP courses scheduled during November and December 2016			
No.	Course Title	Course Coordinator / Department	Duration
1	Management of Technology and Innovation for Competitiveness	Prof. Kirankumar S. Momaya, School of Management	November 2 - 4, 2016 (3 days)
2	Rheology Basics for the Pharmaceutical Industry	Prof. Mahesh Tirumkudulu, Chemical Engineering	November 14-15, 2016 (2 days)
3	Energy Management	Prof. Rangan Banerjee, Energy Science & Engineering	November 21-25, 2016 (5 days)
4	Data Analytics for Process Monitoring, Soft Sensing Controller Performance Assessment	Prof. Ravindra D. Gudi, Chemical Engineering	November 21-23, 2016 (3 days)
5	Locomotion and Robotics in Fluids	Prof. R.N. Banavar, Systems & Control Engineering	December 1-3, 2016 (3 days)
6	Optimization and Control	Prof. P.S.V. Nataraj, Systems & Control Engineering	December 1-6, 2016 (6 days)
7	Strategic Leadership and Business Integration for Comperative Advantage	Prof. S. Bhargava, School of Management	December 3-4, 2016 (2 days)
8	Certificate Course on Piping Engineering	Prof. A.S. Moharir, Chemical Engineering	December 7-17-2016 (11 days)
9	Modern Biophysical Techniques	Prof. Ambrish Kunwar, Prof. Dulal Panda, Bioscience and Bioengineering	December 15-19, 2016 (5 days)
10	Principles of Steel Making	Prof. N.N. Viswanathan, Metallurgical Engineering & Materials Science	December 19-24, 2016 (6 days)

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