

## 48<sup>th</sup> Foundation Day Celebrated

The Indian Institute of Technology Bombay celebrated its 48<sup>th</sup> Foundation Day on 13<sup>th</sup> March, 2007. Distinguished Alumnus Awards and Faculty Awards were presented on the occasion. Mr. Ajay G. Piramal, Chairman, Nicholas Piramal India Ltd., was the Chief Guest.

Prof. Tarun Kant (Civil Engg. Deptt.) and Prof. N. K. Naik (Aerospace Engg. Deptt.) were conferred the Prof. H.H. Mathur Excellence Award in Applied Sciences. These awards are instituted by Mr. Rakesh Mathur, an alumnus of IITB. The Faculty Awards were presented by Dr. Anil Kakodkar, Chairman IITB Board of Governors. He spoke on future projects and IIT's plans to make it a Institute of world-class excellence.

Mr. Piramal stated the growth story of India. He said, "The challenges which we are facing today need much more innovations. For development, India has to create intellectual property and the institutes like IIT Bombay have to play an important role in it."

Prof. Ashok Misra, Director, IIT Bombay in his address mentioned recent developments at the Institute such as the newly established Department of Energy Systems Engineering; a new M.Tech Programme in Technology and Development at Centre for Technology Alternatives in Rural Areas which has social relevance. MOUs with three Canadian Universities- University of Waterloo and McMaster for collaborations with focus on nanotechnology and York University.



Chief Guest Mr. Piramal

The Institute has been invited to be the lead institute for the establishment of the first African Institute of Science and Technology at Abuja, Nigeria and to assist in formulating a Common Entrance Examination system to facilitate intake of students. He said, IITB plans to implement the 27% OBC reservation from July in increments of 9% over a three year period, while

(Contd on. pg. 2)



Prof. N. K. Naik receiving Award



Dr. Anil Kakodkar presenting Award to Prof. Tarun Kant



(Contd from page 1)

preserving the number of general category students, which results in increase of 54% in the overall strength. "It is a challenging task as we need to enhance the academic infrastructure, hostel accommodation and most importantly, the faculty strength in a short period", said Prof. Misra.

Seven IIT Bombay alumni were honoured with Distinguished Alumnus Awards this year. This award is conferred in recognition of outstanding contribution in their chosen field. These are:

**Prof. Nitin Nohria** (B.Tech., Chemical Engg., 1984) Professor of Business Administration & Senior Associate Dean and Director of Faculty Development, Harvard School, USA. **Dr. N. Radhakrishnan** (M.Tech., Civil Engg., 1962) Vice Chancellor (Research), North Carolina A&T State University, USA. **Mr. Rakesh Mathur** (B.Tech., Mechanical Engg., 1978) Vice President, Amazon, USA. **Mr. Shailesh Ramkumar Gandhi** (B. Tech., Civil Engg., 1969) Former Chairman & Managing Director, Clear Plastics India Ltd. Mumbai. **Mr. Ramesh Vaikuntanathan Vangal** (B.Tech, Mechanical Engg., 1977) Founder and Chief Executive of Scandent Group, Bangalore. **Mr. Prashant Narayan Ranade** (B.Tech.,

Mechanical Engg., 1975) President & CEO, Siemens L&A, North America, USA. **Dr. Sheel Kant Sharma** (M.Sc. Physics, 1971 & Ph.D. Physics, 1974) Ambassador of India to Austria.

The awardees in their acceptance responses were expressive of gratitude to IIT and the IIT way of life.

**Prof. Nitin Nohria** said, "I learned the most important thing in IIT that I did not want to be a Chemical Engineer, however I thank IITB for having taken me on. I never made it to IIT in the first round. But the next year, I managed to find my name on the list".

**Mr. Rakesh Mathur** while accepting award said, "It was the fun he had on the campus that made his stay memorable".

**Mr. Shailesh Gandhi** who is the Right to Information (RTI) activist said, "This will be one of my most valued

awards as it comes from my alma mater".

**Mr. Ramesh Vangal** thanking the Institute said that he learned five things from IIT, viz: liberation, vision, entrepreneurial skill, passion and respect to Mata-Pita-Guru.

**Dr. Sheel Kant Sharma** said, "While studying to be a civil servant, I found it perplexing to sit in a class-room where there were no equations on the blackboard as I had been so used to communicating in the language of mathematics while on the IIT campus".

**Mr. Prashant Narayan Ranade** and **Dr. N. Radhakrishnan** were not present for the ceremony. Their messages expressed their gratitude for being selected for the award.



*Dr. Sheel Kant Sharma receiving Award from Chief Guest & Director*



*Prof. Ashok Misra, Mr. Piramal & Mr. Rakesh Mathur with his daughter*



*Mr. Piramal & Prof. Nitin Nohria*



## 48<sup>th</sup> Foundation Day Concert & Powai Vatika Inauguration



Powai Vatika, a newly developed, open-air community facility was inaugurated on March 11, 2007 by Dr. Anil Kakodkar, Chairman, IITB. The inaugural function was followed by a melodious Sitar Concert by the eminent artist Pandit Nayan Ghosh on the occasion of 48<sup>th</sup> Foundation Day.

Powai Vatika is an approximate one acre of land (known as survey no.1) lying

at the extreme end of the campus beyond Devi Temple. It is surrounded on two sides by Powai Lake and the garden laid out within it makes it one more, very picturesque spot on the campus. A raised stage with a canopy, washroom facilities and a large kitchen have been provided. It will be available as a recreational and community facility for weddings & other functions.

Association of India in recognition of his unique contribution to PMAI in the synergy achieved in bringing all the Scientists, Researchers & Industrialists working with various particulate materials together under one roof.

**Rajendra M Sonar**, SJMSOM presented a paper titled 'An Application Development Framework using Expert System Approach' at International Conference on Information Systems, Technology and Management (ICISTM-2007), held at Indian Habitat Centre, New Delhi during 12-13 March, 2007. He also Chaired session on 'Software Engineering and Application Development'.

**Amitava De**, Associate Professor, In-Charge, Central Workshop; SITAC Lab Mechanical Engineering Department presented an original research paper in National Welding Conference on "Welding Productivity and Quality (WPQ-2007)" held at National Materials Research Laboratory, Ambarnath (India) during February 19 - 21, 2007. The research paper entitles "Enhancing reliability of numerical computational model for laser spot welding process" which was authored by De, A., Bag, S. and Trivedi, A. The paper was awarded as the BEST PAPER PRESENTED.

**Dr. Geetanjali Chimote**, a research scholar in the School of Biosciences and Bioengineering working under the guidance of Prof Rinti Banerjee, has been awarded the first prize for the best poster presentation at the 7<sup>th</sup> International Symposium on Advances in Technology and Business Potential of New Drug Delivery Systems, organized by the Controlled Release Society - Indian Chapter, held on 13th and 14th February 2007.

### Awards & Distinctions

**Prof. Ashok Misra**, has been elected as a Honorary Fellow of Indian Plastics Institute in recognition of outstanding academic achievement by the Governing Council of Indian Plastics Institute on 23<sup>rd</sup> February 2007.

**Prof. Pramod Wangikar** has been selected for the 'National Bioscience Award for Career Development- 2006' by the DST, for outstanding contributions in the area of "Modeling, Optimization and Monitoring of Fermentation".

**Prof. K. V. Venkatesh & Prof. Chandra Venkataraman**, Deptt. of

Chemical Engg. have been selected for 'R. G. Manudhane Faculty Research & Development Excellence Award 2006', in Chemical Engineering of IIT Bombay.

**Prof. H. S. Shankar, Prof. S. Mahajani & Prof. J. Bellare**, Deptt. of Chemical Engg. have been selected for 'Indira Manudhane Applied Research Project Awards 2006', in Chemical Engineering of IIT Bombay.

**Dr. T. R. Rama Mohan** (ex faculty Deptt. of Metallurgical Engineering and Materials Science) has been given Life Time Achievement Award (Fellow PMAI) by the Powder Metallurgy

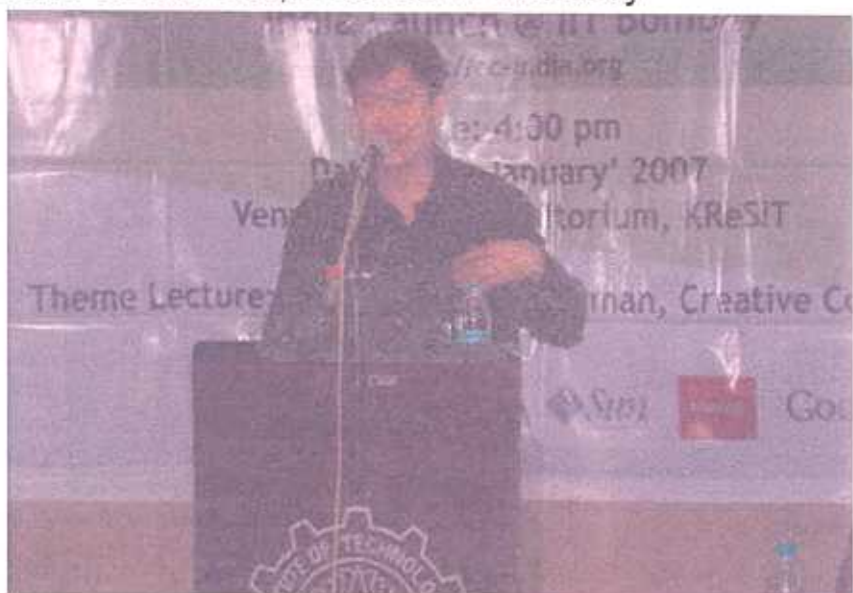


## Launch of Creative Commons, India at IIT Bombay

Creative Commons, India was formally launched on January 26th at IIT Bombay. Creative Commons is an alternative copyright licensing system that reserves some rights and waives other rights in favour of the user as opposed to Copyright which seeks to reserve all rights by the author.

There were a series of events to mark this significant occasion. There was a formal launch event on 26th and two parallel workshops conducted on 26<sup>th</sup> and 27<sup>th</sup>. There was also a stall that provided literature by Creative Commons, India [creativecommons.org and cc-india.org], Creativedot.linux and Novell. Creative Commons, India license is now ready and available for use at the following site: [creativecommons.org/license](http://creativecommons.org/license).

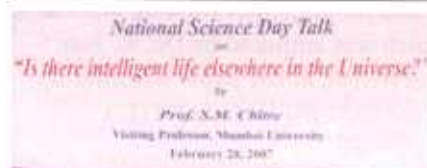
The well attended formal launch on 26th January had the following speakers: Prof. Ashok Misra [Director], Mr. Joichi Ito [Chairman, CC], Dr. Catharina Maracke [Global Coordinator, CC], Prof. Deepak Phatak [KReSIT], Mr. Nandu Pradhan [President, Red Hat India], Mr. Anurag Kashyap [Film maker], Lawrence Liang [Legal Lead, CC, India] and Shishir K. Jha [Project Lead, CC,



Mr. Joichi Ito, Chairman of Creative Commons at Indian launch

India). Prof. Misra gave a brief welcome address. Mr. Joichi provided an excellent view of the various dimensions of Creative Commons initiative. He particularly emphasized the radical opportunities presented by the internet and how the creative community has seized such an opportunity. Dr. Catharina provided a view of the CC legal licenses. Prof. Phatak spoke about the

ongoing work at IIT Bombay that both converges and intersects with Creative Commons. Mr. Anurag spoke about the importance of having access to resources for those working in creative areas such as film and documentary making. Lawrence and Shishir provided views about the significance of Creative Commons for India and its importance for the educational community at large.



Prof. S. M. Chitre

## NATIONAL SCIENCE DAY

Indian Institute of Technology Bombay & The Mumbai Chapter of National Academy of Sciences, India jointly organised a National Science Day Talk by Prof. S. M. Chitre on "Is there intelligent life elsewhere in the Universe?" on February 28, 2007.

Prof. S. M. Chitre was a research fellow at the California Institute of Technology, Pasadena, USA before joining the Tata Institute of Fundamental Research, Bombay in 1967 from where he retired as Senior Professor(I) in 2001.

He has held visiting positions at Universities of Cambridge, Princeton, Sussex, Amsterdam, Columbia & Virginia & was a Max-Planck Fellow at the Max-Planck Institute fur Extraterrestrische Physik, Munich & held senior Research Associateships of the National Academy of Sciences, USA at Goddard Se Flight Centre, NASA. His research interests are in the area of Solar Physics, Physics & Astrophysics of Collapsed Objects & Gravitational Lensing.



## Radiance 2007



*Chief Guest Prof. Amitabha Ghosh, Senior Scientist,  
Indian National Science Academy*

The Mechanical Engineering Association - MEA of IIT Bombay organized its inaugural annual technical event, RADIANCE 2007, on 10th and 11th March, 2007. This was the first ever Annual Research & Technological Festival of the Department of Mechanical Engineering and it intended to bring the Mechanical Engineering fraternity from industry, research establishments and the academia on a common platform.

Radiance 2007 was inaugurated by Prof. Amitabha Ghosh (Senior Scientist - Indian National Science Academy, Former Director of IIT Kharagpur). It featured research project presentations, workshops, guest lectures and competitions related to Mechanical Engineering. 'Vaigyaniki', a national level competition to present research and product development projects done by the students, was the flagship event of Radiance.

Exhibitions were organized to highlight the research activities of the Faculty members of the department. A special exhibition and a movie show by the Mazagaon Dock focused on the

challenges in ship building. A showcase exhibition of the robots developed by the students by the Technic Team of IIT Bombay attracted many.

Invited Lectures were delivered by honorable guests.

Competitions like Industry Defined Problems, Business Plan Competition, Mechanical engg. software development, quizzes and others tested the technical, entrepreneurial and managerial skills of the budding engineers. As a part of Radiance, a workshop on "MEMS and Micromachining" was also organized which was well received by participants from both the industry and the academia.

In all, Radiance was an outcome of joint efforts put in by both the UG-PG students and the faculty members of the department. Radiance received a phenomenal industry support and witnessed an overall participation of around 500 students from 30 institutes across the nation. It is now envisaged that Radiance shall continue to be organized by MEA on an annual basis.

## Faculty News

### Department of Chemistry

**Prof. Sambhu N. Datta** gave an invited lecture titled "Relativistic Dynamics of N-particle Systems in a Strong, Homogeneous Magnetic Field" in the closed international conference on Recent Trends in Many-Body Methods for Electronic Structures and Properties of Atoms and Molecules & also served as the Chairperson of a session titled "Relativistic Theory of Atoms and Molecules" in the same conference held in Bhubaneswar and Puri during 11-13 January 2007.

### Civil Engineering Department

**Prof. V. Jothiprakash**, Assistant Professor presented a paper titled "Trap Efficiency Estimation for Reservoir Sedimentation - A case study" at the 6th International Symposium on Ecohydraulics (ECOHYDRAULICS 2007), held at Christchurch, New Zealand during 18th - 23rd February 2007.

**Prof. Deepankar Choudhury** was invited to deliver the keynote lecture on the topic "Recent developments in earthquake resistant design of retaining walls", during First Indian Young Geotechnical Engineers Conference (FIYGEC 2007) at JNTU Kukatpally, Hyderabad, organized by JNTU College of Engineering, Hyderabad, IGS Hyderabad Chapter, IGS Kakinada Chapter, India on March 3, 2007. He also had chaired a session of the conference.

### Electrical Engineering Department

**Prof. V. Ramgopal Rao** has been appointed as an Honorary Editor for the IETE Journal of Research in the area of "Electronics Devices & Components". He is currently serves on the editorial boards of IEEE Transactions on Electron

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Devices and the Open Applied Physics Journal (OAP) from Bentham Science Publishers.

**Department of Humanities and  
Social Science**

**Prof. Rehana Ghadially** delivered a lecture on "Women at Work in the Family and Society" at NTPC Ltd. Mumbai on 8th. March 2007.

**Prof. Ramasubramanian** delivered a talk on "Seminal Contributions of Nilakantha : A 15th Century Indian Astronomer" at National Seminar on "Indian Scientific Heritage : Aryabhata to Harishchandra", organized by Ramakrishna Mission Vivekananda University, Belur Math, Calcutta held on 23 and 24 February 2007.

**Prof. L. M. Bhole** delivered the Inaugural Keynote Address on the subject, "Some Reflections on Future Directions of Research in Management with Special Reference to Finance Area" at All-India Doctoral Thesis Conference organised by ICFAI Business School, Hyderabad on March 9, 2007.

**Dr Sudha Shastri** presented a paper entitled 'Revisiting the Past: Feminist Concerns in Margaret Atwood's THE PENELOPIAD' at the International Conference on Women's Studies: 'Sites of Female Terror', organised by the Departments of English Philology I and II, University of Complutense, Madrid, from 12-14 March 2007.

**Industrial Design Centre**

**Prof. Raja Mohanty** attended a seminar on 'Palm Leaf Manuscripts and Pata Chitra Paintings of Orissa' organized by the National Museum and the Orissa State Museum at Bhubaneswar and presented a paper titled 'Storytelling and the Pata Chitra tradition of Orissa' on the 28th of February and the 1st of March 2007.

**Department of Mathematics**

**Prof. Tony Puthenpurakal** gave a colloquium talk on "Some Aspects of Resolutions of Ideals" in the Department of Mathematics IITB on March 14, 2007.

**Prof. Inder K. Rana** organised One day "Teacher's meet cum workshop on Technology in Math Education" on 17th March 2007 in the Department of Mathematics. About 20 teachers from various schools participated in the event.

**Department of Physics**

**Prof. U. A. Yajnik** presented the plenary talk titled "Gauged B-L symmetry and cosmology" at the International Workshop on Theoretical High Energy Physics, IIT Roorkee on March 16, 2007.

**SJM School of Management**

**Prof. S. Bhargava** attended the Association of International Education Administrators Conference held at the Marriot City Center during February 19-22, 2007 and participated in the session on the theme "The Global University: Challenges and Opportunities". He also delivered 1st Global Scholars Lecture on "What the East Must Learn From the West: Developing An Entrepreneurial Society" invited by Office of the Vice Provost for International Programs and Strategic Initiatives, University of Missouri, Columbia where he had consultation/interaction and meetings with the faculty and students of MU International Center, Rural Policy Research Institute, College of Business, College of Agriculture, Food and Natural Resources, and the Truman School of Public Affairs during 22-26 February, 2007.

**Prof. Atanu Ghosh** attended the National Symposium on "India Inc Goes Global: Challenges and Opportunities Abroad" being hosted by MBA-Global

Business students of NMIMS University in Mumbai on 24th of March, 2007.

**School of Biosciences and  
Bioengineering**

**Dr. Rohit Srivastava** delivered an invited talk on "Nanoengineered Biosensors and Tissue Engineering" at the Indo-US Workshop on Free Form Fabrication for Tissue Engineering and Biomedical Applications, held at TERI, Bangalore during 22-24 Feb 2007.

**Department of Earth Sciences**

**Prof. S.C. Patel** delivered an invited lectures on the topic "Metamorphic rocks as recorders of tectonic processes" in a UGC-sponsored refresher course at the Department of Geology, University of Pune on 3rd March, 2007.

**Centre for Studies in Research  
Engineering**

**Dr. B. Krishna Mohan**, Principal Research Engineer attended the 3<sup>rd</sup> Asian Space Conference organized by Nanyang Technological University, Singapore during 21-23 March 2007 and presented a paper entitled "Segmentation and Classification of High Resolution Remotely Sensed Images", co-authored by Vijendra Nayak and James Hogg.

**Publications**

**Prof. S. M. Khopkar**, Professor Emeritus, Chemistry Deptt. has authored a research monograph entitled "Solvent Extraction Separation of Elements by Liquid Iron Exchangers" which has been recently published by New Age International Publishers Ltd. (Formerly Wiley Eastern), New Delhi.

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## GPS – 2007

GPS-2007, a short-term training course, on "Global Positioning System & Its Application In Atmospheric & Ionospheric Studies", sponsored by the Department of Science & Technology, Govt. of India, was organized during 27<sup>th</sup> February to 4<sup>th</sup> March, 2007, by the Geodesy and Remote Sensing Division, Civil Engineering Department, with Prof. Madhav N. Kulkarni, Lt. Col. (R), as the coordinator and Mr. Anil Kulkarni, Scientist, SAMEER as Course Co-coordinator.

The course was inaugurated on 27<sup>th</sup> February by Prof. Kurien Isaac, Associate Dean, R & D. The course faculty comprised of experts in the field, including Dr. J. R. Kayal, Retd. Deputy Director General, Geological Survey of India, Kolkata, Dr. G. K. Mukharjee, Scientist, IIG Panvel, Dr. A. D. Sharma Director NERTU Hyderabad, Dr. Vineet Gehlaut, Scientist, NGRI, Hyderabad, Mr. Manoranjan Mohanty Scientist, Department of Science and Technology, New Delhi, Prof. Kamal Sakr, National Research Institute of Astronomy & Geophysics Egypt, Dr. Parmesh Banerjee, Scientist, Wadia Institute of Himalayan Geology Dehradun, Mr. Anil Kulkarni Scientist, SAMEER Bombay, and faculty members from Civil Engineering Department and CSRE, including Dr. (Mrs.) P. Venkatachalam, Prof. E. P. Rao and Prof. M. N. Kulkarni.

The topics included The Global Positioning System and Its Applications, GPS Meteorology, Introduction to Ionospheric studies, Modeling of Ionospheric Time Delay for GPS Applications, Introduction to Map Projections, Earthquake studies in Himalaya using GPS, Principles of GIS, GRAM++ GIS Package Development and Applications, Introduction to Surveying, GAGAN an Overview, etc. and field work for GPS Data collection & processing.



*Session in progress at GPS - 2007*

This was the Sixth course at IIT B since 2000, in the series under the "National GPS programme for Earthquake Studies" of DST. A total of 19 scientists/engineers/academicians from different Govt. organizations,

Universities, and Institutes participated in the course. A Training Volume and a Compact Disk, both containing lecture notes, were provided to the participants.



*Participants at GPS - 2007 on field visit*

**Retirements**

(As on 30.4.2007 )

1. Ms. Aruna Thosar Dixit  
PPR Section
2. Shri K. B. Tari  
Elec. Engg. Deptt.
3. Shri R. C. Shetty  
Elec. Engg. Deptt.
4. Shri S. V. Jadhav  
Aerospace Engg. Deptt.

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The award won by Sameer, was in the category of 'Best Animated Film with Social Relevance'. There were 35 entries for the same. The theme of the film is the serious issue of Female Foeticide. Kaumudi Sahasrabudhe is the lone animator in the film.

**Events**

No.	Course Title	Department	Date
1.	Rational Methods for Microbial Strain Improvement	Prof. P.Wangikar Chemical Engg.	April 09 - 13
2.	Current Issues and Trends in Airports and ATM Systems	Prof. R.K. Pant Aerospace Engg.	April 04 - 10
3.	Image Processing (CEP - CDEEP Course)	Prof. R.K. Shevgaonkar Elect. Engg. (two weekends)	April 14 - 15 & 21 - 22
4.	Social Computing for Working Professionals	Prof. Ravi Poovaiah IDC	April 16 - 19
5.	Energy Technology	Prof. S.B. Kedare Energy Systems Engg.	April 16 - 18
6.	Mathematics for Economics, Commerce and Management Students	Prof. I.K. Rana Mathematics	April 16 onwards (for 14 days)
7.	Workshop on Innovative Products Interaction Design for Working Professionals	Prof. Ravi Poovaiah IDC	April 18 - 21
8.	Production Management	Prof. A. Subash Babu CARE	April 24 - 28
9.	HVDC Converters and Control	Prof. A.M.Kulkarni Electrical Engg.	April 27 - 28

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## Institute Lecture



Prof. Bill Casselman, University of British Columbia gave an institute lecture titled "The Early History of Numbers" on February 28, 2007. Prof. Casselman specialises in the field of mathematical research: automorphic forms and combinatorial computing. Since 1971, he has been on the faculty of the University of British Columbia. He was a visitor in recent years to the University of Sydney, the University of New South Wales, and the Tata Institute in Mumbai, India. He has also been a speaker at the Euclid Conference held in October, 2005 at Oxford University. He is also the author of the book *Mathematical Illustrations*, Cambridge University Press, 2004.

Professor Casselman has given several public lectures of this kind, notably the "Clay Public Lecture" at Harvard University. The photographs that Professor Casselman displayed at the lecture are part of his large personal collection. The talk included the photographs of mathematical artefacts from Sumer, Babylon, Hellenistic Egypt, India, and medieval Europe

## Kaladarshan

Kaladarshan, the annual art exhibition of IIT Bombay, was held on the 2<sup>nd</sup> and 3<sup>rd</sup> of March, at the Gulmohar Hall. The exhibition was organized by Rang, the fine arts club and Picture Perfect, the budding photography club. The exhibition included around 140 paintings and about 150 photographs submitted by people in the IIT campus.

This year's Kaladarshan witnessed amazing paintings from various people including Ms. Bina Tamse of the Campus school, Mrs. Saraswathi Kirthivasan, a few IDCians like Poorva carvings from

Mr. Balan and also cute artworks from the students of Kendriya Vidyalaya. The exhibition also included some breathtaking photographs by Prof. Gaitonde, Sumeet Parmar, Suyog, Aashish and others. It also had floral arrangements by freshie girls and also Rangoli by Neelam Bhoir.

The objective of the art exhibition is to provide a platform especially for amateur artists to showcase their talents. Art enthusiasts also feel that this gets different styles under a single roof. The exhibition received encouraging feedback.

## Seminars

### Department of Aerospace Engineering

Prof. Pant gave a popular lecture on "Airbus A-380" which was organised by The Aeromodeling Club of IITB on 26th March 2007.

### Department of Chemistry

Prof. D. Balasubramanian, Director of Research L.V. Prasad Eye Institute, Hyderabad delivered a seminar on "Translational Biology in India: From Smallpox to Stem Cells" in a Second Anil K. Lala Memorial Lecture (A lecture series instituted in memory of Late Prof. Anil K. Lala a pioneer of research at the interface of chemistry and biology at IIT Bombay) on March 15, 2007.

Dr. M. Vairamani, Head, Indian Institute of Chemical Technology, Hyderabad gave a talk on "Mass Spectrometry" during March 21-26, 2007.

### Department of Civil Engineering

Dr. Kamal Sakr, Professor of Geodesy at the National Research Institute for

Astronomy & Geophysics (NRIAG), Egypt, visited IIT Bombay where he delivered invited lectures in the DST-sponsored training course on "Global Positioning System (GPS)". He also carried out collaborative research with the GPS-Geodesy research group. A MoU for collaborative research between NRIAG and IITB was also finalized in his visit during 24 Feb. to 7 March.

### Department of Humanities and Social Science

Thomas Pantham former Professor of Political Science at the M. S. University of Baroda delivered a talk entitled "Aspects of Gandhi's Constitutional Philosophy" in the 'Indian Council of Philosophical Research Periodical Lecture Series' on March 27, 2007.

Dr. Priyadarshi Jetli, Reader, Department of Philosophy, University of Delhi delivered a lecture on "Defining False: Towards a Unified Theory of Truth" under the auspices of Indian Council of Philosophical Research Periodical Lecture Series on February 28, 2007.

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**Prof. Craig Shealy**, Professor of Graduate Psychology at James Madison University, a core faculty member of the Combined-Integrated Doctoral program, and Executive Director of the International Beliefs and Values Institute (IBAVI) delivered a talk on "From Falwell to bin Laden: Making Sense of Why We Believe What We Believe" on March 7, 2007.

**Sadanand Dhume**, Journalist and writer gave a seminar talk on "Radical Islam in Southeast Asia : Contrasting Approaches to the Problem" on March 12, 2007.

**Prof. N. S. Siddharthan**, Hon. Professor of Economics, Madras School of Economics Member Secretary & Hon. Director, Forum for Global Knowledge Sharing delivered a seminar on "Regional Differences In FDI Inflows: China - India Comparison" on March 22, 2007.

**Prof. Rahul Varman**, Associate Professor, Dept. of Industrial & Management Engineering, I.I.T. Kanpur gave a talk on "Labour Standards in The Times of Globalisation" on 23rd March, 2007.

**Frode Helland**, Director at the Centre for Ibsen-Studies, University of Oslo spoke on "Henrik Ibsen and the Political: A Doll's House" on 26th March 2007.

#### Department of Mathematics

**Kartik Prasanna**, University of Maryland, USA delivered a colloquial talk on "Nonvanishing of L-functions mod p" on March 5, 2007.

**Piotr Pragacz**, Institute of Mathematics, Polish Academy of Sciences, Warsaw, Poland delivered a colloquial talk on

"Thom Polynomials and Schur Functions" on March 7, 2007.

**Manoj Keshari**, IIT Bombay gave a talk on "Gorenstein Rings VI" in a Communicative Algebra Seminar on March 8, 2007

**Nitin Nitsure**, School of Mathematics, TIFR gave a talk on "The curvature and topology of surfaces" in a Popular Lecture Series on March 7, 2007. He also delivered a Public Lecture on the occasion of The 26<sup>th</sup> Mathematics Olympiad titled "Mathematics and Set Theory" on March 11, 2007.

**Prof. Milind Sohoni**, Department of Computer Science spoke on "Geometric Complexity Theory (GCT)" on March 22, 2007.

#### Department of Mechanical Engineering

**Prof. Ranga Pitchumani**, Advanced Materials and Technologies Laboratory, Department of Mechanical Engineering, University of Connecticut Storrs, Connecticut 06269-3139 delivered a seminar on "Investigations on Polymer Electrolyte Membrane Fuel Cells" on March 7, 2007.

**Sanket S. Mahajan**, Doctoral Candidate, Purdue University spoke on "Molecular Simulations for Determining Transport Properties of Nano-Composites" on March 14, 2007.

**Prof. S. S. Sezhin**, School of Engineering, University of Brighton, UK gave a talk on "Modeling of Processes in Droplets & Sprays" on March 19, 2007.

#### Department of Metallurgical Engineering and Materials Science

**Dr. G. Sundararajan**, Director, ARCI, Hyderabad delivered a seminar on "Micro arc oxidation: a novel coating

technique" on March 9, 2007.

**Prof. Satish Kumar**, School of Polymer, Textile and Fiber Engineering Georgia Institute of Technology, Atlanta GA30332-0295 gave a talk on "Polymer/Carbon Nanotube Composite Film and Fibers" on March 13, 2007.

#### Department of Physics

**Prof. B. Ananthanarayan**, IISc, Bangalore gave a seminar talk on "Probing new physics at the ILC with polarized beams" on March 28, 2007.

#### Industrial Engineering and Operations Research

**Prof Vijay Kannan**, Professor of Operations Management College of Business, Utah State University, U.S.A. Delivered a talk on "Service Operations Strategy- Keys to Success" on March 6, 2007.

#### Centre for Research in Nanotechnology & Sciences

**Prof. Subhabrata Dhar**, Physics Deptt. delivered a Nanotechnology colloquium on "Gd doped GaN: A Promising Material for Spintronics and Optoelectronics" on March 5, 2007.

**Prof. Ramaswamy Murugavel**, Department of Chemistry gave a colloquial talk on "Precursors for Designer Zeolites: Applications of Organometallic and Metal-Organic Chemistry in Nanoscience" on March 26, 2007.

#### Kanwal Rekhi School of Information Technology

**Prof. Christopher Jermaine**, Assistant Professor, Computer and Information Sciences and Engg. Dept., University of Florida delivered a seminar on "Supporting Scaleable Online Statistical Processing" on 16th March, 2007.



**SJM School of Management**

**Prof. Nitin Nohria**, Richard P. Chapman Professor of Business Administration & Senior Associate Dean & Director of Faculty Development at the Harvard Business School delivered a seminar on "Leadership: Lesson from Two Decades of Research" on March 13, 2007.

**Dr. Dinesh Abrol**, senior researcher at the National Institute of Science, Technology and Development Studies (NISTADS) Delhi delivered a memorial lecture on "The Union Budget and the Social Sectors" in The 2007 Sudhir Yardi Memorial Lecture on March 29, 2007.

**School of Biosciences and Bioengineering**

**Dr. Debraj Shome**, Honorary Consultant- Ocular Oncology, Tata Memorial Cancer Centre and Head, Department of Ophthalmic & Facial Plastic Surgery, Orbital diseases and Ocular Oncology, Aditya Jyot Eye Hospital Pvt. Ltd., Wadala delivered a seminar on "Retinoblastoma - the disease, detection & therapy" on March 6, 2007.

**Dr. Siddhartha Jana**, NIH, Bethesda, Maryland, U.S.A. Gave a talk on "Function of the C1 Inserted Isoform of Nonmuscle Myosin II-C in Tumor Cell Lines and Mice" on March 7, 2007.

**Department of Earth Sciences**

**Dr. S. K. Steve Chang**, Schlumberger K.K., Japan and Society of Exploration Geophysicists (SEG) Asian Regional Lecturer-2007 spoke on "Recent Advances in Borehole Geophysics Applications" on 27th February, 2007. The lecture was organised by SPG-IIT Bombay Student Chapter and attended by the President SPG India Mr. Apurva Saha, President SPG-IIT Bombay student Chapter, professors and students of the department.

**Appointments**

**Prof. Abhiram Ranade**, Deptt. of Computer Science & Engg. has been appointed as Head of the Department of recently merged The Kanwal Rekhi School of Information Technology with the Computer Science & Engg. Deptt. w.e.f. March 8, 2007.

**Dr. Dipankar Sarkar** has been appointed as an Adjunct Associate Professor in the Department of Electrical Engineering from 2nd January, 2007.

**Dr. Manoj Neergat** has been appointed as an Assistant Professor in the Energy Systems Engineering Group from 31st January, 2007.

**Dr. (Ms.) Pratibha Sharma** has been appointed as an Assistant Professor in the Energy Systems Engineering Group from 5th February, 2007.

**Shri Neeraj Parolia** has been appointed as a Lecturer (Sr. Scale) (Contract) in the Shailesh J. Mehta School of Management from 13th February, 2007.

**Dr. Sivaji Ganesh Sista** has been appointed as an Assistant Professor in the Department of Mathematics from 13th February, 2007.

**Dr. Rajdip Bandyopadhyaya** has been appointed as an Assistant Professor in the Department of Chemical Engineering from 2nd March, 2007.

**Dr. (Ms.) Asmita Mukherjee**, Lecturer (Sr.Scale) (Contract), Department of Physics has been appointed as an Assistant Professor in the same Department from 7th March, 2007.

**Dr. Rohit Srivastava**, Lecturer (Sc.Scale) (Contract), School of

Biosciences & Bioengineering has been appointed as an Assistant Professor in the same School from 7th March, 2007.

**Shri Vivek Sinha** has been appointed as a Research Associate in the Department of Mathematics from 9th March, 2007.

**Dr. Rajakishore Nath** has been appointed as a Lecturer (Sc.Scale) (Contract) in the Department of Humanities & Social Sciences from 12th March, 2007.

**Dr. Ratikanta Panda** has been appointed as an Assistant Professor in the Department of Humanities & Social Sciences from 12th March, 2007.

**Dr. S.S. Krishnamurthy** has been appointed as a Visiting Professor in the Department of Chemistry from 12th March, 2007.

**Film Award**

A film made by **Sameer S. Sahasrabudhe**, Studio Manager, KReSIT and Kaumudi Sahasrabudhe won an prestigious award for "Best Animated Film with Social Relevance" at the FICCI-FRAMES 2007 on 27th March, 2007. Federation of Indian Chamber of Commerce and Industry (FICCI)-FRAMES is a big global convention in Asia on the business of entertainment. Nearly 2,000 media and entertainment professionals, including government officials and 425 business delegations from 21 countries, have participated in FICCI-Frames 2007 - billed as Asia's biggest convention on the business of media and entertainment. They have been organising Best Animated Frames (BAF) Award to honour the best animation efforts every year.

*(Contd. on page 12)*



**Retirements**

(As on 30.4.2007 )

1. Ms. Aruna Thosar Dixit  
PPR Section
2. Shri K. B. Tari  
Elec. Engg. Deptt.
3. Shri R. C. Shetty  
Elec. Engg. Deptt.
4. Shri S. V. Jadhav  
Aerospace Engg. Deptt.

*(Contd. from page 11)*

The award won by Sameer, was in the category of 'Best Animated Film with Social Relevance'. There were 35 entries for the same. The theme of the film is the serious issue of Female Foeticide. Kaumudi Sahasrabudhe is the lone animator in the film.

**Events**

No.	Course Title	Department	Date
1.	Rational Methods for Microbial Strain Improvement	Prof. P.Wangikar Chemical Engg.	April 09 - 13
2.	Current Issues and Trends in Airports and ATM Systems	Prof. R.K. Pant Aerospace Engg.	April 04 - 10
3.	Image Processing (CEP - CDEEP Course)	Prof. R.K. Shevgaonkar Elect. Engg. (two weekends)	April 14 - 15 & 21 - 22
4.	Social Computing for Working Professionals	Prof. Ravi Poovaiah IDC	April 16 - 19
5.	Energy Technology	Prof. S.B. Kedare Energy Systems Engg.	April 16 - 18
6.	Mathematics for Economics, Commerce and Management Students	Prof. I.K. Rana Mathematics	April 16 onwards (for 14 days)
7.	Workshop on Innovative Products Interaction Design for Working Professionals	Prof. Ravi Poovaiah IDC	April 18 - 21
8.	Production Management	Prof. A. Subash Babu CARE	April 24 - 28
9.	HVDC Converters and Control	Prof. A.M.Kulkarni Electrical Engg.	April 27 - 28

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