



2006-07/II

G R A P E V I N E



A quarterly newsletter of Indian Institute of Technology Kanpur for alumni and friends

Institute Milestones

Professor Dhande re-appointed as Director

Prof. Sanjay G. Dhande has been re-appointed as the Director of IIT Kanpur for a second consecutive term. He holds a Ph.D. in Mechanical Engineering from IIT Kanpur. Prof. Dhande is the second person after Prof. P. K. Kelkar to hold this position for two consecutive terms.



Inauguration of Outreach '69 & '80



The new building *Outreach '69 & '80* was inaugurated on the 26th of December 2006. The building will house student placement as well as alumni activities. The building is a gift of the Class of 1969 and Class of 1980. For pictures please visit: <http://picasaweb.google.com/suvro2006/AlumniCenterInaugurationDec262006>



Samvad

The inaugural IIT Kanpur Alumni-Faculty Summit "Samvad" was held on December 26, 2006 at the newly constructed building *Outreach '69 & '80*. The Summit was conceptualized as a forum to bring together alumni and faculty for harnessing mutual synergy towards development of the institute. About 30 alumni and 50 faculty members participated in the same.

Support from Donors

Sajani Kumar Roy Memorial Chair and Protima Ghosh Memorial Scholarship: Mr. Ranodeb Roy (BT/CSE/1990) has set up the Sajani Kumar Roy Memorial Chair to honour his paternal grandfather. The chair is open to all faculty members of IIT Kanpur. He has also started the Protima Ghosh Memorial Scholarship to honour his maternal grandmother. The scholarship would provide a sum of Rs. 2,000 per month to any student of IITK on the basis of "merit-cum-means." Mr. Roy has an MBA from IIM Ahmedabad. He has worked for Bank of America in Mumbai (1992-1996), Peregrine and Barclays (1996-1999) and has been associated with Merrill Lynch in Hong Kong, Tokyo, and New York since 1999.



USV Chair: Mr. Prashant Tewari (BT/ME/1979) and his wife Ms. Leena Gandhi Tewari have set up the USV Chair at IIT Kanpur. The chair is open to the faculty of Science Departments: Physics, Chemistry, Mathematics and BSBE. Leena is the Chairperson and Prashant the Managing Director of USV Limited, Mumbai, a leading pharmaceutical with leadership in diabetes and cardiovascular fields in India. Prashant completed M.S. in Mechanical Engineering from Cornell University and Leena is a Commerce graduate from Sydenham College, University of Bombay and has an MBA from Boston University, USA.

Gifts to the Institute

The financial year 2006-07 is becoming exceptional in terms of alumni donations. As against 295 alumni donors in the previous financial year, the current year, ending on March 31, 2007, has had 500 alumni donors already. The Annual Gift Programme (www.iitk.ac.in/drpg/annualgiftprog.htm) received donations ranging from Rs. 100 to Rs. 6.5 lakhs with a median value of Rs. 4,500 and average value of Rs. 13,000. IITK intends to expand the donor base, increasing the number of donors, rather than focusing on the value of individual donations. Hence every donation, small or large, is welcome.



Chevron Corporation Chair: Thanks to Mr. Jagjeet Singh Bindra (BT/CHE/1969), Chevron Corporation has created a faculty chair in the Department of Chemical Engineering. Mr. Bindra obtained his master's degree in Chemical Engineering from the University of Washington at Seattle in 1970. He earned his MBA with honors from St. Mary's College in Moraga, California in 1979. Presently he is the President of Global Refining Chevron.

Sri Singhasan Singh Scholarship: Dr. Manoj Singh (BT/ME/1984) has set up a scholarship to honour his grandfather. The scholarship of Rs. 2000 per month will be awarded to a third year undergraduate student of Electrical Engineering on the basis of merit. Manoj is currently the

head of market risk management at the Federal Home Loan Mortgage Corporation near Washington, D.C. Prior to this he has worked with Lehman Brothers and Bear Stearns and Co. in New York. Manoj started his career as an assistant professor of Finance at Boston College before moving to Wall Street. He has masters in Engineering and a Ph. D. in Finance from Purdue University.



BGM Kumar Foundation Scholarship: An alumnus of the Class of 1976 residing in New York has created an endowment for the BGM Kumar Foundation Scholarship to honour the Distinguished Faculty of IIT Kanpur. The scholarship will be awarded to an undergraduate student based on financial need and will consist of a monthly stipend of Rs. 2,000 per month.



G. Mohiuddin Merit Scholarship: Mr. Mohiuddin Golam (M.Sc./Stat/1992) has set up a scholarship of Rs. 1000 per month for a 2 year M.Sc. student from the Dept. of Mathematics and Statistics on the basis of merit-cum-means. Mohiuddin has M. Tech in Computer Science from IIT Madras. He has taught at Keller Graduate School of Management of DeVry University, USA from 2001-2003. Currently he is working as a data warehouse independent consultant in USA.

Smt. Dharmavati Garg Scholarship: Mr. Avinash Agarwal (BT/EE/1977) has set up a scholarship in honour of his mother. The scholarship would be given to a B.Tech student on the basis of merit and would consist of Rs. 2,000 per month. Avinash obtained his masters in Electrical Engineering from Southern Illinois University, 1982. He has been engaged since 1995 as Partner/Developer with Amrit Software, LLC, a Web and Real-Time system development company based in Denver, Colorado.



Bhuvan and Indira Joshi Scholarship: Mr. Vinit Joshi (BT/EE/1977) has set up a scholarship named after his parents. The scholarship valued at Rs. 2000 per month will be awarded to students of any branch on the basis of merit-cum-means. Mr. Joshi obtained his MBA from FMS Delhi and has been with Citigroup for the last 26 years. He is presently based in London as Global Head of Business Architecture for Finance. In the words of Mr. Joshi, "my father invested considerably in my education and I want to ensure that his values live on."

Shri Bishamber Gupta and Smt Anguri Gupta Scholarship: Dr. Satish Gupta (BT/EE/1977) has set up a scholarship of Rs. 2000 per month named after his parents. It is meant for a third year B. Tech. student of Electrical Engineering on the basis of merit-cum-means. Gupta received his M. S. and Ph. D. in computer science from Carnegie-Mellon University in 1979 and 1981, respectively. He has worked in the area of graphics and prototyped several display systems and is currently the Vice President of development and delivery for IBM's technology collaboration solutions.



Bimlavati and Nawal Kishore Kapur Scholarship: Prof. Deepak Kapur (MT/CSE/1973) and his family have donated a merit-cum-means scholarship of Rs. 1000 per month. It is to be awarded to a third year B. Tech. woman student in Computer Science or Biological Sciences and Bioengineering. Dr. Kapur is professor in the Department of Computer Science at the University of New Mexico, Albuquerque, New Mexico, USA.



Merit Awards for Women Students: Daughters of Mr. Kamallesh Dwivedi (BT/EE/1979) have instituted three awards to be given on the basis of merit to three graduating B.Tech. women students. The awards are Swastika Dwivedi "Gargi Award," Kritika Dwivedi "Maitreyi Award," and Anamika Dwivedi "Lilavati Award." These annual awards constitute prize money of Rs. 10,000 each.

Gopal Das Bhandari Memorial Distinguished Teacher Award: Mr. Anil Bhandari (BT/ME/1969) has instituted a faculty award named after his father to honour an outstanding teacher annually. The awardee will be decided by the graduating undergraduate students through a preferential vote using an internet-based secure system.



Batch Donations

The Pioneer Batch (Class of 1965) has started raising funds for their third project to support IITK: the *Opportunity School* in the campus. Please refer to Grapevine 2005-06-IV for two of their earlier projects.

Class of 1977 has decided to earmark its batch donation towards supporting the *Summer Undergraduate Research Grants for Excellence (SURGE)* Programme started in 2006. Details of SURGE available at <http://www.iitk.ac.in/surge/>

Alumni News and Events

Kanpur Chapter of Alumni Association Get-together: The Alumni Association held a get-together with party games and excellent cuisine for lunch at the residence of Mr. Ashish Gupta (BT/EE/1986) on December 10, 2006. The event was attended by 50 alumni and their families.



Lecture: Prof. Vijay K. Dhir (MT/ME/1968), Dean, Henry Samueli School of Engineering and Applied Science at the University of California, Los Angeles (UCLA) delivered a lecture on "Governance of Academic Institutions and Significance of Private Funds" at IIT Kanpur on 16 November 2006. He was accompanied by Ms. Molly Ann Mroczynski, Executive Director for External Affairs. She delivered a lecture on "How to Engage Alumni and Increase Financial Support."

PAN IIT Alumni Event: IIT Kanpur had a strong presence in the fourth Global Pan IIT meet, held during December 23-25 at Bandra-Kurla Complex, Mumbai. The IITK booth was rather popular with the alumni and other visitors. Numerous alumni took the opportunity to get first-hand information of the developments at the Institute and about forty of them made on-the-spot donations towards some of the ongoing programmes to support excellence.

Alumni Reunions: Three major alumni reunions took place at IIT Kanpur in December 2006. The 30th Year Reunion of the Class of 77 (who graduated with B. Tech./Integrated M. Sc.) was attended by 35 members and was held during December 24-25, Silver Jubilee Reunion of Class of 82, attended by 80 members was held during December 30-31, and 35th Reunion of the Class of 72 attended by 91 members was held during December 27-28.



Class of 1972



Class of 1977



Class of 1982

Distinguished Alumni Awards 2006-2007 (details in next issue)

Mr. Ravi Akhouri (BT/EE/1968)
Mr. Narendra Kumar Harihar Kale (MT/CSE/1976)
Dr. Rajiv Desai (BT/ME/1982)
Dr. Ashutosh Sharma (BT/CHE/1982)
Mr. Rajeev Chawla (BT/EE/1984)

Technopreneur Awards for former students

Under the Technopreneurs Promotion Program (TePP) of the Dept of Science and Technology, DST, three incubate companies in SIDBI Innovation and Incubation Centre at IITK were awarded Rs. 10 lakhs each. These innovators are Mr. Sonu Agarwal (M.Sc./Phy/1997) of Weather Risk Management P. Ltd., Mr. Nimish Sharma (BT/AE/2006) of Aurora Integrated Systems P. Ltd., and Mr. Brahm Datt Awasthi (BT/AE/2005) of Whirlybird Electronics Pvt. Ltd.

Student Achievements

- ✧ Nirmesh Malviya, first year B. Tech. student of Computer Science and Engineering is the "The Aditya Birla Scholar" for 2006-07.
- ✧ At the Inter IIT Sports Meet, IIT Kanpur ranked fourth in the men's category and third in the women's category. Significant victories included the men's gold medal in water polo. In the women's team, Akanksha Gupta (BT/CE) won the best swimmer award with four individual golds in 100m freestyle, 50 m freestyle, 50 m backstroke, and 50 m butterfly. The women's team also won the silver in 4x50 m relay and finished second.
- ✧ Ankit Agarwal, Arpit Garg, and Mohit Chugh; B. Tech. students of Civil Engineering have won the runners up prize in National Concrete Cube Competition 2006 organized by Indian Concrete Institute, and the Associated Cement Companies (ACC).
- ✧ Neha Arya (Ph. D./BSBE), Shekhar Nath, (Ph. D./ MME), Akshay Srivastava (Ph. D./BSBE), and Jatinder Bir Singh Randhawa, (BT/CHE) won prizes for their oral and poster presentations during the International Conference on Design of Biomaterials (BIND-06) & XVII Annual Meeting of Society for Biomaterials and Artificial Organs at IIT Kanpur in December 2006.
- ✧ Mr. Abani Pattnaik, M. Tech. student of the Environmental Engineering and Management Program won the Best Poster Award at Golden Jubilee National Symposium on Role of Meteorology in National Development, Pune in November 2006.
- ✧ Mr. Shyam Mohan and Mr. Jaivardhan Sinha, Physics, won first prize for their poster at the 51st DAE Solid State Physics Symposium held at Barkatullah University, Bhopal in December 2006.
- ✧ A paper by K. Venkatasubbiah, Ph. D. student of Aerospace Engineering was chosen as one of the five best papers presented at 33rd National and 3rd International Conference on Fluid Mechanics and Fluid Power held at IIT Bombay, during December 7-9, 2006.
- ✧ Saurabh Sankule, Akanksha Garg, Nisha Sharma, Ashish Dembla, Pratul Varshney, Kunal Singal, Biplab Deka, Varun Khaitan, Geetak Gupta, Abhishek Srivastav, and Paritosh Karnata won prizes in the Robotics and Electronics events in 'Avishkaar,' the Science and Technology Festival of MNNIT Allahabad in December 2006.

Faculty News

INDIAN NATIONAL ACADEMY OF ENGINEERING FELLOWS

Dr. K. Murlidhar (Mechanical Engineering)
Dr. Kripa Shankar (Industrial & Management Engineering)
Dr. C. V. R. Murty (Civil Engineering)

JC BOSE FELLOWSHIP AWARDED BY THE DST TO

Dr. Manindra Agrawal of Computer Science and Engineering

NATIONAL ACADEMY OF SCIENCE FELLOWS

Dr. Rajendra Prasad (Physics)
Dr. Ashutosh Sharma (Chemical Engineering)

RAMANNA FELLOWSHIP AWARDED BY THE DST TO

Dr. J. N. Moorthy, Dr. V. K. Singh and Dr. Y.D. Vankar (Chemistry)
Dr. Ashish Garg (Material and Metallurgical Engineering)



K. Murlidhar Kripa Shankar C. V. R. Murty R. Prasad Ashutosh Sharma Manindra Agrawal J. N. Moorthy Ashish Garg Vinod K. Singh Y. D. Vankar

FACULTY AWARDS AND HONOURS

Dr. Animangsu Ghatak and Dr. V. Shankar (Chemical Engineering) were awarded Young Engineer Award of INAE.

Dr. P. K. Panigrahi (Mechanical Engineering) has been invited to join the editorial board of the International Review of Mechanical Engineering (IREME).

Dr. S. N. Singh (Electrical Engineering) has been elected Fellow of the Institution of Engineers (India).

Dr. Gautam Biswas (Mechanical Engineering) has been elected as fellow of the American Society of Mechanical Engineers International (ASME).

Dr. Bishakh Bhattacharya (Mechanical Engineering) has been selected for the Young Scientists' award for the year 2006 instituted by the Systems Society of India.

S.S. Merh Award for 2006 by the Geological Society of India to Dr. Rajiv Sinha (Civil Engineering). This award is given once in 2 years for contributions in the area of Quaternary Geology.

IRC-Pt. Jawaharlal Nehru Birth Centenary Award 2005 by the Indian Roads Congress to Dr. Animesh Das (Civil Engineering) for his outstanding contribution in the field of Highway Engineering (including Bridges).

Dr. Ashok Kumar (Biological Sciences and Bio Engineering) has been invited to serve as a member of the Editorial Board of the 'International Journal of Biological Sciences' published by the Ivspring International Publisher.

Dr. D. Chowdhury (Physics) has been invited to be a member of the Board of Editors of the European Physical Journal B.

NEW APPOINTMENTS

- ✂ Dr. Ishan Sharma, Mechanical Engineering
- ✂ Dr. Anil Kumar Ghosh, Mathematics
- ✂ Dr. Jonaki Sen, Biological Sciences and Bioengineering

- ✂ Dr. Amitabha Bandyopadhyay, Biological Sciences and Bioengineering
- ✂ Dr. Pankaj A. Apte, Chemical Engineering

BOOK RELEASE

- ✂ **Computerized Tomography for Scientists and Engineers.** Editor: Professor Prabhat Munshi, published jointly by the CRC Press (Taylor and Francis, New York) and the Anamaya Publishers, New Delhi.
- ✂ **Chaos, Nonlinearity, Complexity: The Dynamical Paradigm of Nature**, in the series Studies in Fuzziness and Soft Computing as its Vol. 206. Edited by Professor Ashok Sengupta, Springer, Germany.
- ✂ **Atmospheric and Space Flight Dynamics-Modeling and Simulation**, Dr. Ashish Tewari, Springer (Birkhauser), Boston, USA.

Annual Gift Programme

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