



Grape - Vine



A quarterly newsletter of Indian Institute of Technology Kanpur for alumni and friends 2005-06/III

INSTITUTE

Professor E.C. Subbarao and Mr. F.C. Kohli awarded as Honorary Fellow-2005

The Board of Governors, IIT Kanpur has instituted an award 'Honorary Fellow', in the honor of veterans who have contributed for the multifaceted development of the Institute in an exemplary way. The first recipients of the award were Professor Eleswarapu Chinna Subbarao and Mr. Fakir Chand Kohli for their outstanding and lifetime contributions to the growth of the Institute. The award ceremony was organized at IIT Kanpur on February 11, 2006.



Prof. E.C. Subbarao



Mr. F.C. Kohli



Mrs. I. Rao and Prof. C.N.R. Rao



Learning Science Programme at IITK

A half day programme titled 'Learning Science' was organized at IITK on February 11, 2006 for the students of class 7,8 and 9. In this programme about 1500 students from 38 schools in and around Kanpur participated. Professor CNR Rao addressed the children and gave a presentation. The presentation was followed by a multi-media display by Mrs. Indumati Rao. Keeping in view that science has much to do with both the aspects of our environment and economy the school children must know the rudiments of science.

Under Graduate Research at IIT Kanpur

IIT Kanpur has embarked on "Summer Under Graduate Research Grant for Excellence (SURGE)" to encourage undergraduate research. This is being done with assistance from California Institute of Technology (Caltech), Pasadena, USA through an MOU. Under this programme, a limited number of 2nd and 3rd year students of IITK and National Institutes of Technology across the country, will undertake short duration research projects at IITK and push their intellectual abilities beyond those driven by classrooms. It is a 10 weeks programme and each candidate will be paid a stipend of Rs.10,000/- for the duration. The students who produce exceptional quality research will be awarded a Commendation Certificate and a cash prize of Rs.10,000/-. Ms. Carolyn Ash, Director, Student-Faculty Programs, Caltech visited IIT Kanpur recently. She delivered a lecture on "Undergraduate Research at Caltech" on January 30, 2006 at IITK and held discussions with faculty and students on different aspects of undergraduate research. As per MOU with Caltech, in summer of 2006, three IITK students will work at Caltech and vice-versa.



Ms. Carolyn Ash

MOU Signed with University of Toronto

IITK has signed a Memorandum of Understanding with University of Toronto for developing closer collaboration between the two institutes and for working together towards students exchange programme. It is expected that IITK students will do summer projects at the University of Toronto and students from the University of Toronto will do short projects and courses at IITK.

ALUMNI



Mr. Lalit M. Kapoor

Lalit Mohan Kapoor Chair

Mr. Lalit Mohan Kapoor (BT/CHE/71) has established a faculty chair at IITK. He is the Founder President and CEO of Group-BiGates, Inc. USA. Established in the year 2000 BiGates is an IT outsourcing company that provides business solutions to enterprises across the USA, primarily focusing on ERP Solutions. Mr. Kapoor is an alumnus of IITK and UCLA (Anderson School of Management), an engineer by training with an MBA in Finance.

Raj and Neera Singh Chair

Dr. Rajendra Singh (BT/EE/75) and his wife Mrs. Neera Singh (BT/CHE/81) have established a faculty chair at IITK. Dr. Singh is the Chairman, Board of Directors at both LCC International and Telecom Ventures LLC, USA and is partner in several multinational ventures. His telecommunication company operates in 40 countries in the world. Currently both Dr. & Mrs. Singh are working on satellite radio spectrum. Dr. Singh is also a recipient of the prestigious 'distinguished alumnus award-2000'.



Dr. Rajendra Singh's family



Mr. Anil Bhandari

Late Gopal Das Bhandari Distinguished Teacher Award

Mr. Anil Bhandari (BT/ME/69) has made a generous contribution towards instituting Late Gopal Das Bhandari Distinguished Teacher Award, in memory of his father. Mr. Bhandari is with Citigroup as Senior Vice President looking after Wealth Management and India-Centric Corporate Business. He is one of the four founding members and Vice President of IITK Foundation and is on the Advisory Council of American India Foundation and on the board of PanIIT. Earlier, Mr. Bhandari had set up IITK Trust in USA to collect IITK alumni funds. He did M.Sc. in Industrial Engineering (1971) and MBA (1973) from Ohio State University.

Professor CNR Rao Science-Talent Scholarship

Professor CNR Rao, Chairman Scientific Advisory Council to the Prime Minister, and Chairman BOG, IITK has set up Professor CNR Rao Science-Talent Scholarship of Rs.2000/- per month to be awarded to an integrated M.Sc. student in science, preferably in Chemistry.

For details kindly visit the official website of Indian Institute of Technology Kanpur: <http://www.iitk.ac.in>



Silver Jubilee Reunion (Class of 81)



35th Year Reunion (Class of 71)



Silver Jubilee Reunion

Class-of-81 students gathered on December 30-31, 2005 at IIT Kanpur for the Silver Jubilee Reunion. 70 alumni attended the function with their families.

35th Year Reunion

Class-of-71 students gathered on January 2-3, 2006 at IIT Kanpur for the 35th Year Reunion. 47 alumni attended the reunion with their families.

For details of reunions please visit www.iitkalumni.org



Kanpur Chapter



Calcutta Chapter



Kanpur Chapter of Alumni Association had its get together on January 29, 2006 at the residence of Mr. Gopal Sutwala (BT/CHE/73). 46 alumni attended this function. The Calcutta Chapter of Alumni Association also met at Bengal Club on January 6, 2006, thanks to Mr. Sanjiv Rangrass (BT/ME/82). About 30 alumni attended this function with their families.

Bhagwani Devi Maheshwari Medal

Dr. S.N. Maheshwari, Professor of Computer Science and Engineering, IIT Delhi has set up Bhagwani Devi Maheshwari Gold Medal at IITK to be given to the outstanding graduating girl student who joins the Institute in any academic programme through Joint Entrance Examination. This award is in memory of his aunt who passed away recently, and who had spent much of her time to the cause of women's upliftment. Professor Maheshwari is a B.Tech. from IIT Delhi and a Ph.D. from Cornell University. He has also been a faculty member at IIT Kanpur for a brief duration.

Shri Jamana Prasad and Shrimati Basanti Gupta Scholarship

Dr. Mani Ram Gupta (BT/MME/71) has set up a scholarship of Rs.2000/- per month in memory of his parents Shri Jamana Prasad Gupta and Smt. Basanti Gupta. Dr. Gupta did his MS and Ph.D. from University of Michigan and worked in IBM and Anadigics in USA till his retirement in 1999. He is married to Abha and they have two sons Amit and Amol.

Smt. Durga Devi Memorial Scholarship

Dr. S.K. Dogra, former Professor of Chemistry at IITK has instituted a scholarship of Rs.1,000/- per month in memory of his mother late Smt. Durga Devi for girl students of M.Sc. Chemistry (2 year). Professor Dogra did his B.Sc. in 1961, M.Sc. honors in 1965 from Punjab University, and Ph.D. in 1970 from University of British Columbia, Vancouver, Canada. Professor Dogra joined IITK in 1973 as a lecturer and retired in 2004.

Shanti Devi and Onkar Nath Maewal Memorial Scholarship

Mr. Akhilesh Maewal (BT/ME/70) of San Diego, CA, USA has initiated a UG scholarship of Rs.2,000/- per month for 3rd year Computer Science girl student in honor of his parents' selfless dedication to their eight children's academic success. Mr. Akhilesh Maewal is Director of Technology at Epic Cycle, a San Diego e-business solution company.

Romesh Chandra Scholarship

Dr. Tushar Chandra (BT/CSE/88), a Software Engineer at Google, USA, has started a scholarship of Rs.2,000/- per month in memory of his father late Shri Romesh Chandra, an alumnus of IIT Kharagpur. Dr. Tushar Chandra got his Ph.D. in Computer Science from Cornell University in 1993.

Jagat Kaur Scholarship

Mr. Rajiv Singh (BT/ME/88), Deutsche Bank, USA has donated to start a merit-cum-means scholarship of Rs.2000/- per month for the students of IITK. This scholarship is in memory of his grand mother late Smt. Jagat Kaur who could inculcate strong desire for education in her grand children.

NS Rajaraman Scholarship

Mr. Rajmohan Rajaraman (BT/CSE/91) and his family members have made a generous contribution towards instituting a scholarship of Rs.1000/- per month for UG students in memory of his late father. Mr. Rajmohan Rajaraman is Associate Professor of Computer Science at Northeastern University in Boston USA.



Satyendra Kumar Dubey Memorial Award 2005-06

Mr. Arvind Kejriwal (BT/ME/89/IITKgp) will be felicitated on March 25, 2006 by 'Satyendra Kumar Dubey Memorial Award 2005-06' for his crusade against corruption in bureaucracy and his campaign for getting the right to Information Bill passed for the benefit of society at large. This award was instituted by IIT Kanpur in memory of its alumnus Satyendra Kumar Dubey (BT/CE/94) who gave his life to uphold the integrity and dignity of his profession. While working as Deputy General Manager/Project Director of the Koderma Project Implementation Unit in the Golden Quadrilateral Corridor Project, the courageous and upright young man was brutally murdered on November 27, 2003 in Gaya, Bihar.

IITK Saga

IITK is writing its story. To most people who have been associated with IITK, this institute is special in many ways. We hope to bring out this unique flavour in the book and, for that, we need contributions from everybody who has a story to tell. Your Institute asks you to delve deep into your bag of memories and pull out those reminiscences. To know more, please visit the link 'IITK Saga' on the IITK website <http://www.iitk.ac.in/infocell/iitk/newhtml/iitksaga.htm>

Gifts to IIT Kanpur

The financial year 2005-06 has been rather eventful for fund raising at IITK. The number of donors has more than doubled as compared to the previous financial year. Besides the creation of faculty chairs, a record number of UG scholarships were set up during the year. About fifty students (including three UG students) were provided partial travel support for participation in conferences overseas, thanks to the generous donations of our alumni and well wishers.

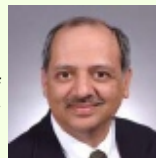
The recently launched Annual Gift Programme has been well received. About 120 donations have already been received, with a median donation of Rs.4,500/- and average donation of Rs.10,500/-. The donations under this program have so far ranged from Rs.450/- to Rs.1,35,000/- (\$ 10 to \$ 3000).

Distinguished Alumnus Award 2005-06

Seven alumni will be felicitated with Distinguished Alumnus Award (DAA) on Alumni-Day March 25, 2006.



Mr. Abhay K. Bhushan (BT/EE/65) is being awarded DAA for his excellence in entrepreneurship and his outstanding contributions to social activities. He was a major contributor to the development of the Internet TCP/IP architecture. He is co-holder of 12 US patents on semiconductor drying and cleaning technologies. He was co-founder of YieldUP International, which went public on NASDAQ in 1995, and of Portola Communications, which was acquired by Netscape in 1997. He is presently the Chief Financial Officer of the IITK Foundation, USA.



Dr. Ambuj Goyal (BT/EE/78) General Manager, IBM's Lotus Unit, IBM Software Group, USA will be awarded DAA for his outstanding managerial career and ongoing contribution to the world of Information Technology. Dr. Goyal is Ph.D. from University of Texas, Austin. He was personally instrumental in locating IBM's research labs in Delhi with 60 researchers.



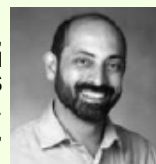
Mr. Pawan Kumar (BT/CE/69 & MT/CHE/72) is being awarded DAA for his excellence in entrepreneurship. He launched vMoksha Group comprising vMoksha Technologies Private Limited, Jadoo Works Private Limited, and vFortress Security Private Limited. vMoksha Group currently has 500 professionals providing offshore IT outsourcing services in e-Business area. Mr. Kumar was formerly Vice President-Operations, TCS (1993), Head, International Software Division, RPG Enterprises (1993-96), and President, IBM Global Services India (1996).



Mr. Pradeep Jotwani (BT/ME/75) Senior Vice President of Supplies, Imaging and Printing Group, Hewlett-Packard's Consumer Business Organization is being awarded DAA for his outstanding managerial career and ongoing contribution to the world of Information Technology. He is responsible for leading the HP's Printers Supplies Organization, a US\$ 10 billion global business unit. Mr. Jotwani did his Master's degree in Industrial Engineering from University of Wisconsin, Madison and MBA from Stanford University.



Dr. Rajiv Motwani (BT/CSE/83) Professor of Computer Science at Stanford University is being awarded DAA for his outstanding contributions and academic achievements in the field of Computer Science and Engineering. His research spans a diverse set of areas in computer science, including databases, data mining, data privacy, web search & information retrieval, robotics, computational drug design, and theoretical computer science. Dr. Motwani is Ph.D. from U.C. Berkeley.



Dr. Umesh Mishra (BT/EE/79) Professor, Department of Electrical & Computer Sciences, University of California, Santa Barbara is awarded DAA for his outstanding and seminal contributions to the field of Semiconductor and Solid State Devices. His research has fetched US\$ 42 million in research funding. He has published 249 Journal Papers, and 188 Conference Papers. Dr. Mishra obtained a Master's degree in Electrical Engineering from Lehigh University, Pennsylvania and Ph.D. from Cornell University.



Dr. Vijay Mahajan (BT/CHE/70) Professor of Business, University of Texas, Austin is being awarded DAA in recognition of his outstanding contributions to Management Studies. He has written extensively on product diffusion, marketing strategy and marketing research methodologies. He is a former Dean of the Indian School of Business. Dr. Mahajan is MS and Ph.D. from University of Texas, Austin.

STUDENTS

Inlaks Award

Two of our B.Tech. 2nd year students Mohit Bansal and Sameer Behere have been awarded the prestigious INLAKS AWARD. It carries a cash award of Rs.50,000/- per year for the next three years for each of the recipients. Inlaks Foundation was set up in 1976 by Mr. Indoo Shivdasani a businessman who contributed a corpus of US\$ 4 million.

Our UG Students at the top in Students' Chemical Engineering Congress

Two IITK UG students Riju Mohan Singhal - 3rd year B.Tech. Chemical Engineering and Amit Nandan - 2nd year B.Tech. Biological Sciences and Bio-Engineering presented their project work at the 1st Annual Session of Students' Chemical Engineering Congress held at IIT-Guwahati December 7-9, 2005 and have won the first prize in the "Poster Presentation" category and the "Best Overall Presentation".

Our Ph.D. Student honored by Indian Society of Hydraulics

One of our Ph.D. Students Suresh A Kartha, has received the G.M. Nawathe award from the Indian Society for Hydraulics for the best paper presented at the National Conference on Hydraulics, Water Resources, Coastal & Environmental Engineering (HYDRO 2005) held in Tumkur on December 8-9, 2005.

Design Programme Students won the 'International Bad Design Contest'

On World Usability Day, November 3, 2005, an International Bad Design Contest was organized by Usability Engineering Group, Cordys R&D (India) Pvt. Ltd., Hyderabad. Anindya Kastha and Abhijit Kumar Bairagi of Design Programme and a ex-student Hitesh Bagai (MDES/04) have won among top ten entries. In 'Bad Design Contest' each entry had to give a photograph of a product that they think has faults in the design and explain the bad design elements of the product.



Republic Day 2006

Five Students get KVPY Fellowship

Five IITK students have been awarded the prestigious KISHORE VAIGYANIK PROTSAHAN YOJANA scholarship by the Department of Science and Technology, New Delhi. This carries a fellowship of Rs. 4000/- per month and a contingency grant of Rs.8000/- per annum for the first three years, and there after Rs. 5000/- pm and contingency of Rs. 10,000/-. The students who won the award are Debanjan Chowdhury (5 Yr. Int. Physics), Ananda Roy (5 Yr. Int. Physics), RN Kaushal (5 Yr. Int. Physics), Amit Chandra (5 Yr. Int. Mathematics & Scientific Computing) and Utkarsh Anand (5 Yr. Int. Mathematics & Scientific Computing).

Our Students Won Prizes in the Business Plan Competition

Two teams from IIT Kanpur participated in the Business Plan competition at the TechnoManagement festival at IIT Kharagpur. Participants included leading technical and business schools. Both our teams stood joint second in the competition and have been awarded Rs. 5000/- each in prize money as well as upto Rs. 2 Lakhs for incubation from IndiaCo. The members of the team pHi are: Siddharth Jain, Rishi Jain, Karan Malhotra, Sagar Gupta. The members of the team AniThink are: Rashid Zaheer, Rahul Jain, Manish Kumar, Varun Kant Vashishtha.

Our Student Wins at the Symposium-The Youth Parliament at IIT Roorkee

Rahul Gupta a UG Student from BSBE won the first place in Symposium-The Youth Parliament conducted at IIT Roorkee, recently. The parliament dealt with suggesting practical solutions to problems India is facing. It was held in 3 stages and had 350 contestants from all over the country. The prize money was Rs.10,000/-.

First National Frontiers of Engineering Symposium

The first National Frontiers of Engineering Symposium (NatFOE) was organized by IIT Kanpur and Indian National Academy of Engineering on February 4-5, 2006 at IIT Delhi. The event was funded by Department of Science and Technology. Dr. Sanjay Mittal, Department of Aerospace Engineering, IITK was the Chairman of the Organizing Committee.

National Symposium on "Current Trends in Material Characterisation"

An inter-disciplinary National Symposium on "Current Trends in Material Characterisation" was organized by ACMS, IITK during December 5-7, 2005. The symposium was attended by 150 participants from 14 colleges from all over the country. Prof. Minn Tsong Lin, National Taiwan University, Prof. Satish Ogle, University of Maryland, and Prof. Schneider from Forschung Zentrum, Germany gave lectures. Professor Sundar Manoharan, Department of Chemistry was the symposium coordinator.

NEW BOOKS PUBLISHED

'The World Heritage Complex of the Qutub' - Aryan Books International and 'Story of the Delhi Iron Pillar' - Foundation Books - Professor R. Balasubramaniam, Department of Materials and Metallurgical Engineering.

'Geo Environmental Design in Fly Ash Disposal and Utilization'- Allied Publishers - Professor Umesh Dayal and Professor Rajiv Sinha, Department of Civil Engineering.

'Fundamentals of Manufacturing Processes' - Narosa Publishing House, India and Alpha Science International UK - Professor G.K. Lal and Professor S.K. Choudhury, Department of Mechanical Engineering.

'Fundamentals of Design and Manufacturing' - Narosa Publishing House - Professor G.K. Lal, Department of Mechanical Engineering and Professor Vijay Gupta, Department of Aerospace Engineering.

'Stability Problems in Applied Mechanics' - Narosa Publishing House, India and Alpha Science, Oxford - Professor A.K. Mallik, Department of Mechanical Engineering, IIT Kanpur and Professor J.K. Bhattacharjee, IACS, Kolkata (Ex-Faculty IITK).

'Virtual Instrumentation using LabVIEW' - Tata McGraw Hill - Dr. Sanjay Gupta, Advanced Centre for Materials Science and Professor Joseph John, Department of Electrical Engineering.

'Computing for Management' - Prentice Hall of India - Professor Veena Bansal, Department of Industrial and Management Engineering.

AWARDS AND HONORS

Prof. N. Sathyamurthy, CHM, has been elected Fellow of the Third World Academy of Sciences (FTWAS). The fellowship of TWAS represents the best of science awards in developing countries.

Prof. Arindam Ghosh, EE, has been elected as an IEEE Fellow.

Prof. Bikramjit Basu, MME, has been invited by the Korean Ceramic Society to serve as one of the foreign editors for its Journal.

Prof. Ashish Dutta, ME, has become a member of the Editorial Consultant Board of the International Journal of Advanced Robotic Systems.

Prof. Ashutosh Sharma, ChE, has been invited to serve on the International Advisory Board of the Canadian Journal of Chemical Engineering (CJChE) for a two year term effective from January 2006.

Prof. Ashu Jain, CE, has been elected as a Fellow of the Indian Water Resources Society.

Prof. Kalyanmoy Deb, ME, has been elected as a Fellow of the Indian Academy of Sciences.

Prof. V.K. Jain, ME, has been invited to join the editorial board of the 'International Journal of Advanced Manufacturing', a Springer-Verlag publication. He has also been invited to be a member of the editorial board of the 'International Journal of Nano-manufacturing' of INDERSCIENCE Publishers, UK.

New BOG Members

Senate Nominees

Professor I.D. Dhariyal
Department of Mathematics & Statistics
Indian Institute of Technology Kanpur

Professor Jitendra Kumar
Department of Material Science Programme
Indian Institute of Technology Kanpur

Ex-Officio Secretary to BOG

Mr. Sanjeev S. Kashalkar
Registrar
Indian Institute of Technology Kanpur

New Deans

Professor Prawl Sinha
Dean of Students' Affairs
Department of Mathematics & Statistics

Professor R.K. Thareja
Dean of Academic Affairs
Department of Physics

New HODs

- * Professor Phalguni Gupta, Computer Centre
- * Professor P.K. Bhattacharya, Chemical Engineering
- * Professor Manindra Agarwal, Computer Science and Engineering
- * Professor P.K. Kalra, Electrical Engineering
- * Professor Peeyush Chandra, Mathematics
- * Professor Rajeev Shekhar, Materials and Metallurgical Engineering

UPCOMING EVENTS

Courses & Workshops

- ✦ Course on Managing Industry Standard Oracle 9 Database, February 25-April 25, 2006
- ✦ Workshop on Quantum Computing: Back Action, March 6-12, 2006
- ✦ Short Course on Hazard Analysis in Chemical Industries, March 21-23, 2006
- ✦ Workshop on Modelling of Ladles Fitted with Dual Plugs, March 24-25, 2006
- ✦ Short Course on Seismic Design of Buried Pipelines, April 3-7, 2006
- ✦ Short Course on Genetic Algorithms for Engineering Design, April 26-29, 2006
- ✦ Workshop on Integrated Watershed Management, September 4-22, 2006
- ✦ Short Course on Modelling Design of Primary Aluminium Production Processes, November 20-25, 2006
- ✦ International Workshop on Physics of Mesoscopic & Disordered Materials, December 4-8, 2006
- ✦ Symposium-cum-Workshop on Complex Fluids, December 11-15, 2006

Conferences & Symposiums

- ✦ The First Indo-US Frontiers of Engineering Symposium, March 2-4, 2006.
- ✦ The 9th Asian Symposium on Information Display, October 3-6, 2006
- ✦ The 12th International Planning History Conference in New Delhi, December 10-18, 2006
- ✦ International Conference on Intelligent Sensors and Control, December 17-21, 2006
- ✦ International Conference on the Applications of the Mossbauer Effect, October 14-19, 2007