



INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Dean of Resources and Alumni  
ANNUAL REPORT  
2012 ~ 2013



**Credits :**

Design and Content : Team of DORA

Printed by : Zed Creation, Kanpur

Photo courtesy :

Mr. Ravi Shukla

Mr. Navneet Kumar

Page No. 79 and Book Envelop Photo courtesy

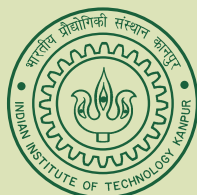
Late Dr. Anupam Pal





*Dean of Resources and Alumni  
Annual Report  
2012 - 2013*

*Connecting with Alma Mater...*



Dean of Resources and Alumni  
Indian Institute of Technology Kanpur  
Kanpur - 208016, India



# *Contents*

# Contents

Acknowledgment	04
From the desk of Dean Resources and Alumni	05
Pan IIT 2012 Global Alumni Conference	06
Connecting Alumni	09
● Annual Alumni Reunion	
● Alumni Convention	
Support from alumni and friends	22
● Distinguished Lecture Series	
● List of Chair & Chair Professor	
Honours And Awards	51
● Distinguished Alumni Awards	
● Recipient of Scholarships, Awards and Convocation awards	
Annual Gift Program	77
Alumni Contact Program	78
Surge	80
IIT Kanpur Foundation Board	82
List of Donor	83



# Acknowledgments

In addition to the many generous donors, we wish to also acknowledge the support and participation of:

- ❖ IIT Kanpur Foundation, USA and its Board Members
- ❖ IIT Kanpur Alumni Association and its staff and Board members, the office bearers of the different chapters of the Alumni Association, the batch evangelists, batch coordinators and other alumni leaders
- ❖ Members of the Endowment Committee and the Investment Committee
- ❖ Faculty, staff and students at IITK who helped in numerous ways.

While every effort has been made to ensure the completeness and accuracy of the information included in this publication, errors may kindly be brought to the attention of:

## **Dean, Resources and Alumni**

Indian Institute of Technology Kanpur

Kanpur 208016, (U.P.) India

E-mail: [dora@iitk.ac.in](mailto:dora@iitk.ac.in), Phone: +91-512-2597635,

Fax: +91-512-2590353



Team Resources and Alumni



## *From the desk of Dean*

It is our great pleasure to present you the Annual Report of DORA Office, for the year 2012-2013, which reflect many accomplishments and developments of the past 12 months – and celebrate the generosity of spirit of our alumni, who continue to give back to their alma mater with unwavering enthusiasm and steadfast dedication.

Among other things this issue also contains the details of the income and expenditure of the institute through the contributions made in the year 2012-13. We received a donation of Rs.4.54 crores from 538 donors of which donation of Rs.4.54 crores from 538 donors of which 334 were from India and 204 from outside. The batch-of-88 has contributed more than one crore towards their batch fund to support their alma mater. This is the first time a batch fund has crossed the one crore threshold. The Batch-of-1988 have donated towards the following activities like Noida Extension Center, naming of Squash Court as "Batch of 1988 Squash Court-Contributed by Shiv & Uma Kapoor (Parents of Rishi Kapoor)", Opportunity School, Vivekananda Samiti, Students Emergency Fund, Prayas and Tinkering Lab. The annual gift programme, started eight years ago, continues to prosper and we have received more than Rs.54.8 lakhs from 310 donors in this programme.

Our goal in the next five years is to double alumni engagement in the life of the institute. This elevated level of participation will have long-term benefits for both alumni and the institute.

Some social initiative has also been taken with the support of alumni and students for the upliftment of the community around the campus. The opportunity College project has been set up to impart employable skills to educated, unemployed youth. Shiksha Sopan is another initiative which works to educate the children of the economically weaker sections of our society. The contract workers Welfare Relief Fund, created by donations from faculty, alumni and other supports workers in case of medical needs and physical disabilities.

Annual giving has a direct effect on the activities of the students, It supports their research activities like attending international conferences and publishing high quality journals, it also supports the undergraduate summer research program and the registration of patents. We continue to reach out to alumni through social networks like LinkedIn, Facebook and Twitter. We keep our alumni informed on a regular basis about all the happenings at IIT Kanpur, share the honours and achievements of alumni and have discussions on important issues related to the campus. These social networks also help us in updating our alumni database. We are in touch with more than 80% of our alumni today.

The annual report will give you a comprehensive view of our activities. We hope you will enjoy reading it and I encourage you to share your ideas and support for the various initiatives undertaken by us and invite you to participate in our mission of excellence at IIT Kanpur.

*Rohat Munshi*



# *PAN IIT*

## *A global IIT conference*



*... is held annually with an aim to provide networking, bonding opportunities to relive those cherished moments with batch mates, juniors and seniors. Every alternate year, the conference is held outside India, typically in the United States to reach out to alumni staying abroad. Pan IIT was founded in 2002 to bring together all IIT-ians under one umbrella and encourage them to engage in initiatives of common interest.*



## *PAN IIT 2012: A global IIT conference*

**PAN IIT 2012 - a global IIT conference:** PanIIT Alumni Global Conference 2012 was held from 7th – 9th December, 2012 at the Science City Convention Centre, Kolkata. The theme this year was: Excel, Transform, and Sustain. The Governor of West Bengal Mr. Mayankote Kelath Narayanan and Mr. Ajit Singh (Union Minister for Civil Aviation) took part in the inaugural session. More than 1,500 IIT delegates congregated from all over the world to interact, network, listen and learn from great iconic leaders and also to decide how they will contribute in India's nation-building efforts. The focus of the conference was to take the nation building mission forward with the active participation of every member present. The meet also focused on 'The Resurgence of the East' with the chief minister of West Bengal Ms. Mamata Banerjee addressing the delegates and interacting with them. She tried to capture the commitment and engagement of some of the best minds in nation building projects and initiatives with an emphasis on those in the eastern states, specifically West Bengal. The conference helped to bring about a meaningful dialogue between local talent and its prospective employers from the world over and provided a road map to help India secure its position in the new echelons of global power.

The PanIIT Global Conference 2012 also hosted a technology exhibition, in which all the IITs participated by showcasing their rich history and the activities in which they are currently engaged in various states. Several multinational technology leaders also exhibited their state-of-the art and futuristic technologies. The exposition covered the technology and innovations achieved by India's medium and small scale industries as well.

The conference provided an opportunity for the display of Bengal's wealth of culture, its heritage, and its many tourist attractions. Special programmes of classical and contemporary music and dance were also created for the participants. On the second night, the well-known pop singer Ms. Usha Uthup and the IITK band entertained the audience with their songs. There was also enthusiastic participation from the PanIIT's own fold.

A galaxy of brilliant speakers like Mr. N. R. Narayana Murthy (MT/EE/69), Mr. R. Gopalakrishnan, Director (Tata Sons), Ms. Nancy Powell (US envoy to India), Prof. Lord Kumar Bhattacharya (Chairman and founder of the Warwick Manufacturing Group), and Dr. Srikumar Banerjee (Director, Bhabha Atomic Research Centre) took part in the conference. Mr. Arvind Kejriwal, the new “crusader” for India's teeming masses, also made his presence felt at the Conference.

The members of the IIT Kanpur contingent were: Prof. Indranil Manna (Director), Prof. Sudhir Misra (Secretary Alumni Association), Prof. Manindra Agrawal (Former Dean, Resources and Alumni), Mr. Mohammad Shakeel (Deputy Registrar, Research and Development) and Mr. O. P. Srivastava (Assistant Registrar, Resources and Alumni). Several students, a few faculty members and staff members of the Resources and Alumni office also participated in this conference.





# *Connecting Alumni*





# *Welcome Back to Alma Mater*

## **Golden Jubilee Reunion - 1962 batch**



**The Golden Jubilee Reunion of the 1962 batch** was formally inaugurated on 23rd November, 2012 by Prof. Indranil Manna, Director, at the outreach auditorium. Nearly 35 alumni from India and abroad took part in the reunion. There were presentations by Prof. Manindra Agrawal (Former Dean, Resources and Alumni), Prof. Ajit Chaturvedi (Dean, Research and Development), Prof. Dheeraj Sanghi (Dean of Academic Affairs) and Prof. A. K. Ghosh (Dean of Student Affairs). The alumni were told about the changes that the Institute has undergone over the years, such as the construction of new hostels, academic buildings and sports complex. The alumni in turn shared knowledge of the latest advancements in their respective fields of work. The second day began with the planting of saplings on the campus followed by a group photography session in Park 67. The guests were then taken for a campus tour. The fun and frolic continued with lunch being served outdoors. This was not the end to the excitement and joy, as cultural programmes were organized during the evening. Before the day ended, the ex-students made it a point to speak with students presently studying in the institute. The message to students during the interactive session was that hard work and a die-hard spirit are



the evening. Before the day ended, the ex-students made it a point to speak with students presently studying in the institute. The message to students during the interactive session was that hard work and a die-hard spirit are necessary to achieve ambitions. The reunion came to an end on the third day with the felicitation ceremony and lunch for the former students and their families at the residence of the Director.





## 35th Year Reunion of the Class-of-1978



**The 35th Year Reunion of the Class-of-78** was held from 4th – 6th January, 2013. Nearly 30 alumni from India and abroad took part in the reunion. After arrival they went on a campus tour and had lunch at the Visitors Hostel. Dinner that night was around a bonfire and was followed by a bulla session at the Visitors Hostel Lawns. There was a formal inaugural function on the 5th morning followed by presentations by Prof. Manindra Agrawal (Former Dean, Resources and Alumni) and Prof. Dheeraj Sanghi (Dean of Academic Affairs). The various departmental heads were also invited during this session to interact with the visiting alumni. The alumni were then taken on a guided tour on the campus and shown the various new buildings like the new hostels, academic buildings, and sports complex. In the evening there was an interactive session with the students' gymkhana and a panel discussion with students on “India of my dreams” at the outreach auditorium. The reunion dinner was held at Hotel Royal Cliff. On the last day the alumni had breakfast in Hall-1 and then went for a trip to Bithoor. The reunion came to an end with lunch and a felicitation ceremony at the Director's residence.







## Golden Jubilee Reunion Batch-of-1963



**The Golden Jubilee Reunion Batch-of-63** was held from March 8 to 10, 2013. More than 40 alumni participated in the reunion along with their families. The reunion was inaugurated by Prof. G. D. Agarwal, former faculty member, Department of Civil and Environmental Engineering, IIT Kanpur (also known as Swami Gyan Swarup Sanand), Prof. Indranil Manna (Director), Prof. M. Anandakrishnan, (Chairman, board of governors), Prof. Manindra Agrawal (Former Dean, Resources And Alumni) and Prof. Sudhir Misra (Secretary, Alumni Association).

On 8<sup>th</sup> March the alumni visited the laboratories, the library, the different departments and the new buildings in the campus. They also held meetings with the Deans and the senior professors. Almost all the alumni felt there was a need to improve the quality of education and to raise the standard of research in order to compete with global Institutions. There was also a welcome session with the Director, Deputy Director, Deans and faculty members. Many alumni lauded the positive changes like the improved infrastructure at IITK over the years.



The alumni expressed their concern over the rising pollution in the Ganga and have appealed to the citizens to check it by any means. They were happy to learn that the government has given the job of preparing the Ganga River Basin Management Plan to IITK scientists. They urged the scientists to prepare the plan as early as possible so that the work to clean the river and keep it pollution free could be started.

On 9<sup>th</sup> March Prof. Anandakrishnan released the coffee table book “The frontier batch – the early days of IIT Kanpur”. After this the alumni were taken for a campus tour. This was followed by a picnic lunch at the new SAC (Students' Activity Centre) food court.

In the evening the former students interacted with the current students and assured all possible assistance to those who sought their guidance and mentorship. They also shared with the students the experience of their stay on the campus, their view of the campus now, their most memorable moments of campus days and their life journey after leaving the campus. The current students talked about the cultural and sports activities conducted by the students' gymkhana, the inter IIT sports meet, the new Students' Activity Centre (SAC) and the planetarium being constructed. The alumni gave them useful tips for meeting global challenges and for becoming successful entrepreneurs. They shared their experiences and success stories and passed on the wisdom that students should never get dejected if they failed in their ventures.

On the last day the alumni had breakfast in Hall-1 and then went for a trip to Bithoor. The reunion came to an end with lunch and a felicitation ceremony at the Director's residence. The alumni expressed their willingness to contribute to some major project of the Institute as 'Guru-Dakshina.'





## Silver Jubilee Reunion - 1988 batch



**The Silver Jubilee reunion of the Batch-of-1988** was held from 26th – 29th December, 2012. The alumni were determined to enjoy every single minute of their much awaited reunion, and were undeterred by the icy winds and plummeting temperature. More than 75 alumni from across the globe took part in the reunion. A late night walk around the campus was followed by a late night bulla session at the Visitors Hostel Lawns on the 26th. On 27th morning the alumni went around the campus cycling, walking, running and jogging and after breakfast interacted with the Heads of Departments, visited their departments and went around the academic area. In the evening they played a soccer match between the old-time Hall 2 and Hall 3 residents. Later there was a concert by Ankita Mishra (finalist of Indian Idol 3) followed by the reunion dinner and the inevitable late night bulla session. On 28th morning yoga, meditation, jogging and cycling around the campus was arranged for the alumni and their families. After the inaugural function and the photo session the alumni interacted with the Deans and went for a picnic lunch at the mango grove. They also interacted with the current students and gymkhana representatives while their families were taken for a bus tour of the academic area. In the evening the alumni and their families were entertained by the IITK band. Some other



activities much enjoyed by the alumni were antakshari, a visit to the Astronomy Club's newly developed Planetarium, a trip to Bithoor, an Aloo Paratha breakfast, a visit to their hostel rooms and phatta cricket.





## Record contribution by 1988 batch

**The batch-of-88** has contributed more than one crore towards their batch fund to support their alma mater. This is the first time a batch fund has crossed the one crore threshold. Mr. Nishith Mohan (coordinator of the event) organized the batch reunion and helped in fund raising with incredible energy and enthusiasm. The Batch-of-1988 have donated towards the following activities: Noida Extension Center, naming of Squash Court as "Batch of 1988 Squash Court-Contributed by Shiv & Uma Kapoor (Parents of Rishi Kapoor)", Opportunity School, Vivekananda Samiti, Students Emergency Fund, Prayas and Tinkering Lab.



S. R. Chakravarty  
Sachin Dasgupta  
Vineet Deshpande

[illegible]



## *First Alumni Convention of IIT Kanpur*



**The first Alumni Convention of IIT Kanpur** took place in IIT Delhi on 3rd March, 2013. The aim of the Alumni Convention was to have a common platform where IITK alumni from all over the world would be able to get-together to meet and interact with each other and explore how the Alumni Association can be more vibrant, relevant and useful for the alumni, for IIT Kanpur and for the nation. The convention was organized by the Alumni Association, IIT Kanpur - Outer Delhi Chapter on behalf of the Alumni Association IIT Kanpur.

Dr. D. Subbarao, Governor of the Reserve Bank of India and a distinguished alumnus of IIT Kanpur, was the Chief Guest. Nearly 600 alumni and 30 retired faculty of the Institute took part in the convention. The function was graced by technocrats, entrepreneurs, civil servants, scientists, academicians and senior corporate leaders, Padma Award winners of 2013 - Prof. Ashok Sen (MSc2/PHY/78), Prof. Sanjay G. Dhande (PhD/ME/75), Prof. Manindra Agrawal (BT/PhD/CSE/86/92) and Prof. K. Vijay Raghvan (BT/MT/CHE/75/77) of 2013, Prof. Indranil Manna (Director, IIT Kanpur) and Prof. R. K. Shevgaonkar (Director, IIT Delhi), and many distinguished and eminent IIT Kanpur alumni.

For more details please visit: <http://www.iitkaaconvention.org/>





# *Support from Alumni and Friends*



## *New Faculty Chairs*



**Mrs. and Mr. Gian Singh Bindra Chair:** Mr. and Mrs. Gian Singh Bindra Faculty Research Fellowship instituted by Mr. Jagjeet S. Bindra (BT/CHE/1969) has been converted into Mrs. and Mr. Gian Singh Bindra Chair. This chair is for a faculty member in the Department of Chemical Engineering.

**Ministry of Steel Chair Professor** has been instituted by the Government of India, Ministry of Steel. This chair is for a distinguished faculty member working in the department of Metallurgical Engineering.

## *New Scholarships and Awards*

**Ministry of Steel Scholarship:** The Ministry of Steel has instituted 5 merit-cum-means scholarships. These scholarships are for academically bright students who agree to provide an undertaking to pursue their career in ferrous metallurgy.

**Prof. Girdhar Gopal Shukla Memorial Scholarship:** Mr. Ashish Shukla (Msc 5yrs/MTH/1997) has instituted a merit-cum-means scholarship for an Undergraduate / Postgraduate student in the Department of Mathematics and Statistics in memory of his father Prof. Girdhar Gopal Shukla who was a Reader in VSSD Law College, Kanpur. Mr. Ashish Shukla is currently working at Cadence Design System, San Jose, USA.



**Smt. Neela Dutt Scholarship:** Mr. Saibal Dutt (BT/EE/1977) has instituted a scholarship in the name of his mother Smt. Neela Dutt. The scholarship will be given to a student (preferably a girl student) in the Department of Electrical Engineering for academic excellence.

**Steel Scholarship:** Prof. B. Deo, Department of Material Science and Engineering has instituted two merit scholarships. The scholarships are for fourth year UG students doing a B.T.P in the area of iron and steel. In case no UG students are doing a B.T.P in iron and steel, then PG students doing thesis work in this area will be considered during the second year of their program.





## *New Facilities*

**Tinkering Laboratory:** Prof. Sanjay G. Dhande launched the Tinkering Laboratory on the occasion of the Institutes' 53rd foundation day on 2nd November, 2012. Here the students can get involved in hands-on activity in the fabrication processes of mechanical/electrical/electronics elements. The laboratory will provide a platform for creative minds to come out of the 'think space' to hands-on 'tinker space' and transform ideas into real-life engineering objects, and eventually to products and patents. This program is funded by the alumni of the 1986 batch. [For a details on Tinkering Laboratory visit: http://www.iitk.ac.in/drpg/Tinkering\\_Lab.pdf](http://www.iitk.ac.in/drpg/Tinkering_Lab.pdf)

**PRIME83:** Prof. Sanjay G. Dhande launched the PRIME83 on the occasion of the Institutes' 53rd foundation day on 2nd November, 2012. Promoting research, innovation, mentoring and entrepreneurship (PRIME83) is aimed at nurturing students with innovative ideas, by providing mentoring, facilities and fund support from both alumni and the institute. This program is funded by the alumni of the 1983 batch.



**New York Office:** The Institute has set itself an ambitious target to reach a strength of 500 faculty members from its current strength of 352 by the year 2020. This is a very important and essential requirement since the student population has grown from 3000 to nearly 6000 and will get close to 7000 over the next few years. The Institute has initiated a number of steps to achieve this target like the establishment of KIRAAN (Kanpur IIT Research and Academics Network), a network of alumni academicians to help identify potential faculty, led by Prof. Raj Bordia (University of Washington). Another initiative is the establishment of an IITK office in New York. This office will support KIRAAN, besides helping the Institute in a number of other activities, e.g., fund raising, R&D alliance with industry and universities, and student exchange, internships, and placement. The office is located on William Street (next to Wall Street) in Manhattan, and the space is generously provided rent-free to the institute by Mr. Sanjiv Khosla (BT/CSE/1986). He is also planning to use the office as an on-site tech accelerator for startups and project ideas by our students.

**Noida Convention Center:** The institute had acquired 5 acres of land in Noida sometime ago with the aim of making a small convention centre there for supporting outreach activities. The plans for the centre are ready and the foundation laying ceremony was performed on 4th December in Sector 62, Noida.

## Research Support

**Student Travel Support:** IIT Kanpur provides travel support to students for the presentation of their research papers in conferences abroad. During 2012-13, 155 students have availed this support. This involved an expenditure of Rs. 68 lakhs which has been met from the donations of Sukriti Vidyut Udyog (P) Ltd and Mr. Sudhir Mittal (BT/CHE/1970), and from the N. R. Narayana Murthy Fund (Support for Excellence) and the Annual Gift Programme.

**Cash Awards:** The institute gives a cash award of Rs. 10, 000 to a student of IITK whose research paper is published in a journal listed in the ISI Web-of-Science. A student may be given this cash award up to a maximum of Rs. 20, 000 during the duration of a degree programme. During 2012-13, 147 students have been sanctioned cash awards. This involved an expenditure of Rs. 18.2 lakhs which was met from the N. R. Narayana Murthy Fund (Support for Excellence) and the Annual Gift Programme.

**Patents:** To encourage the filing of patents, a part of the cost associated with patent filing is now met through donations. During the year 2012-2013, 30 patents were filed by the Institute faculty members. Listed below are the titles of the patents and the names of the inventors. A total of Rs. 29.75 lakhs was spent from the N. R. Narayana Murthy Fund (Support for Excellence).

Name of the Invention	Name of the Inventors
A hybrid ink formulation and a method for preparing the same	Prof. Monica Katiyar (MSE), Mr. Saumen Mandal (Student, MSE) Mr. Rahul Sharma (Student, MSE)
A biodegradable smoke filter material	Prof. Ashok Kumar (BSBE)
A green process for fabrication of binary masks with isolated features for micromachining and photolithography	Dr. S. Anantha Ramakrishna (PHY) Dr. J Ramkumar (ME) Mr. Govind Dayal Singh (PHY)
A method for tumoroid generation using 3-D chitosan-gelatin scaffolds for anti-cancer drug screening	Prof. D. S. Katti (BSBE) Ms. Neha Arya (Student, BSBE) Mr. Viren Sardana (Student, BSBE) Mr. Prashant Jha (Provisional, BSBE)



Name of the Invention	Name of the Inventors
A method of measuring BMP signaling using BMP responsive reported cell line	Dr. Amitabha Bandyopadhyay (BSBE) Mr. Paritosh Prashar (Student, BSBE) Mr. Prem Swaroop Yadav (Provisional, BSBE)
A nanotextured surface immobilized structure-modified enzyme biocatalyst	Dr. Siddhartha Panda, (CHE) Mr. Satyendra Kumar (Provisional)
A versatile tube-well hand pump with energy harvested water filtration	Dr. J. Ramkumar (ME) Dr. Bishakh Bhattacharya, (ME) Ms. Shanu Sharma (Student, DP) Mr. Arvind S. Sundaram M. (Student, DP)
Affordable in- house modular planetarium	Ms. Nidhi Pashine (Student, PHY) Mr. Akshat Singhal (Student, MTH) Mr. Shubham Gupta (Student, CE)
Analod maximum powerpoint tracker for solar photovoltaic	Dr. Parthasarathi Sensarma (EE) Mr. Soumya Shubra Nag (Student, EE)
Ball mill	Prof. B. K. Mishra (MSE) Prof. Sandeep Sangal (MSE) Dr. Ashish Garg (MSE) Mr. Prem Prakash (Managing Director, Cenogen Materials) Mr. Tapendu Mandal (Student, MSE)
Bi-metal nanoadsorbents and methods for their preparation and use	Dr. Ajit Kumar Sharma, (CHE) Prof. Ashutosh Sharma, (CHE) Prof. Nishith Verma, (CHE)
Electrolyte-insulator-semiconductor based microfluidic immunosensor	Dr. Siddhartha Panda (CHE) Mr. Ramchander Chepyala (Student, CHE)
Finishing apparatus	Prof. V. K. Jain (ME) Mr. Pawan Basera (Student, ME)
Flight planning for airborne data acquisition	Dr. Bharat Lohani, (CE) Prof. Deb Kalyanmoy, (ME) Mr. Ajay Dashora (Student, CE)

Name of the Invention	Name of the Inventors
Hand pump	Dr. J. Ramkumar (ME) Dr. Bishakh Bhattacharya, (DP) Ms. Shanu Sharma (Student, DP) Mr. Arvind S. Sundaram M. (Student, DP)
Identification of vascular deformation	Prof. P. K. Panigrahi (ME) Prof. K Muralidhar (ME) Mr. Abhinav Parashar (Student, ME) Mr. Rahul Singh (Student, ME) Mr. Manoj Sharma (Student, ME)
Interactive board game	Dr. Nirmalya Guha (HSS) Dr. J. Ramkumar (ME) Mr. L. V. Sairam Jagatani (Student, ME)
Measurement of submicron focused charged particles beams using a current flux grating:spider probe	Dr. Sudeep Bhattacharjee (PHY) Mr. Samit Paul (Student, PHY)
Metamaterial structures for Q-switching in lasers	Dr. S. Anantha Ramakrishna (PHY) Mr. Govind Dayal Singh (Student, PHY)
Millimetre level measuring ruler for fully/partially visually impaired	Dr. J. Ramkumar (ME) Mr. A. Madhavan (Student, DP) Mr. Aravind Shanmuga (Student, DP) Ms. Shanu Sharma (Student, DP)
Multiple criteria decision analysis	Dr. Arnab Bhattacharya, (CSE) Ms. Avani Nandini (Student, CSE)
New processing technique of photolithography to make defect free organic light emitting diode display	Prof. Deepak Gupta (MSE) Mr. Ankur Solanki, (Student, SCDT) Ms. Asha Awasthi, (Student, SCDT) Dr. K. N. Narayanan Unni, (Student, SCDT)
Novel fly tumor model and methods of screening drugs thereon	Prof. Pradip Sinha (BSBE) Dr. Anjali Bajpai (Student, BSBE)



<b>Name of the Invention</b>	<b>Name of the Inventors</b>
Polymeric nanocomposites and methods for their preparation and use	Dr. Ajit Kumar Sharma, (CHE.) Dr. Jayant Kumar Singh, (CHE) Dr. Nishith Verma, (CHE)
Polymers blended rheological abrasive medium composition and preparation	Prof. V. K. Jain (ME) Dr. J. Ramkumar (ME) Mr. Ravi Sankar (Student, ME)
Process for generation of a nano-wrinkled substrate and its applications thereof	Dr. Animangsu Ghatak, (CHE) Dr. Anindita Sengupta Ghatak (Post Doc, CHE)
Surface functionalization unit	Dr. Siddhartha Panda (CHE) Mr. Ramchander Chepyala (Student, CHE)
System and method for nano-finishing of a workpiece	Prof. V. K. Jain (ME) Dr. V. K. Suri (BARC) Dr. R. Balasubramaniam (BARC) Mr. Ajay Sidpara (Student, ME)
Systems and methods for dry processing fabrication of binary masks with arbitrary shapes for ultra-violet laser micromachining	Dr. S. Anantha Ramakrishna (PHY) Dr. J. Ramkumar (ME) Mr. Govind Dayal Singh (Student, PHY)
Vein visualization device	Dr. Harshwardhan Wanare (PHY) Ms. Neha Singh (Student, PHY) Dr. K. K. Dokania (Pediatrician)

# *Distinguished Lecture Series*

## *Professor Ramachandra Rao Dasari Distinguished Lecture*

**Prof. Yukihiro Ozaki**, School of Science and Technology, Kwansei Gakuin University, Japan gave a talk titled Surface-Enhanced Raman Scattering (SERS): Its principles and biological applications on 21st August 2012. In his talk Prof. Ozaki explained that surface-enhanced Raman scattering (SERS) is an extraordinary candidate for detecting and characterizing biological and biomedical molecules, because Raman cross-sections of these molecules attached to Au or Ag nanostructures can be enhanced by a factor of  $10^{10}$  -  $10^{14}$ . SERS has actively been applied to the nondestructive and ultrasensitive characterization of bio-molecules, and has thus attracted increasing interest in the field of life sciences, including DNA, protein, cell and bacteria studies.



**About the speaker:** Prof. Yukihiro Ozaki obtained his PhD in chemistry from Osaka University, Japan. Prof. Ozaki is currently Professor in the School of Science and Technology, Kwansei Gakuin University, Japan and is also an Administrative Trustee of Kwansei Gakuin Education Foundation. He is also Director of Research Centre for Single Molecule Vibrational Spectroscopy. He is an associate Editor of applied spectroscopy. Prof. Ozaki's research interest have been in basic studies and applications of far ultraviolet (FUV), infrared (IR), Raman and near-infrared (NIR) spectroscopy. Prof. Ozaki received many awards including the 1998 Tomas Hirschfeld Award, the 2001 EAS Award for Achievements in Near Infrared Spectroscopy, the Spectroscopical Society of Japan Award (2002), the 2005 Science and Technology Award of Japanese Government (Ministry of Education, Culture, Sports, Science and Technology), and Gerald Birth Award of International Conference Diffuse Reflectance Spectroscopy, the Japan Society for Analytical Chemistry Award (2008), Gold Medal Award of Wroclaw University, Poland (2009) and Changbai Mountain Friendship Award from Jilin Province, China (2010).

**About the Donor:** Dr. Satish Dasari (MD) has instituted the Prof. Ramachandra Rao Dasari Distinguished Lecture in the name of his father, Prof. Ramachandra Rao Dasari.

**About Prof. R. R. Dasari:** Physics Prof. Ramachandra Rao Dasari was a former faculty member at IIT K in the Department of Physics. Prof. Dasari is currently Associate Director at G. R. Harrison Spectroscopy Laboratory, Massachusetts Institute of Technology, USA. Dr. Dasari's major accomplishments at IIT, Kanpur include building one of the largest Laser laboratories for university research in India, (many lasers were actually built at IIT Kanpur) training large number of PhD students in laser research and interactions with R&D laboratories such as Central Electronics Ltd, New Delhi, and Bharat Heavy Electricals, Hyderabad for laser technology based instrumentation.





## *Professor C. V. Seshadri Memorial Distinguished Lecture*

**Prof. Sirshendu De**, IIT Kharagpur gave a talk titled, “Technology Innovation: Membrane Casting, Applications and Arsenic Removal” on 4th October, 2012. In his talk Prof. De said that a membrane is a phase that allows the selective transport of a species through it, resulting in the physical separation of the species. Polymers are one of the key components used in the preparation of these membranes. His talk demonstrated how casting conditions resulted in membranes of varying characteristics. A novel and cost effective method for spinning hollow fiber polymeric membranes of various grades starting from microfiltration to dialysis was also discussed. In this talk, a project for the development of a low cost, domestic arsenic filter, its technical details, efficiency, design aspects, cost analysis and suitability for rural population was also presented.



**About the speaker:** Prof. Sirshendu De obtained his PhD from the Department of Chemical Engineering, IIT Kanpur. His research interests include membrane separation, membrane casting and its various applications, process developments, modeling and design; also flow modeling, heat and mass transfer in microchannel, and mathematic modeling of different chemical engineering processes. He has authored 6 books and has more than 180 publications in journals of repute. Prof. De has been awarded several awards, including the INAE Silver Jubilee Award (2012), the DAE-SRC Young Investigator Award (2012), the Shanti Swarup Bhatnagar Prize in the “Engineering Science” category by CSIR, Govt. of India (2011), the Herdillia Award (2010), the A. V. Rama Rao Award (2010 and 2007), the Amar Dye-Chem Award (2000) by the Indian Institute of Chemical Engineers (IICChE), the Young Engineer Award by INAE (2001). He became a Fellow of the Indian National Academy of Engineers, New Delhi in 2011.

**About the donor:** The corpus of the Prof. C. V. Seshadri (CVS) Memorial Distinguished Lecture in the Department of Chemical Engineering, IITK has been set up by several students, family members and friends of CVS. This lecture is to be delivered by a promising young Chemical Engineering researcher (below 45 years) working in India.

**About Prof. C. V. Seshadri:** The late Prof. C. V. Seshadri was a distinguished Chemical Engineer. He did his PhD from Carnegie Mellon University, Pittsburgh, USA. He joined IIT Kanpur in 1965. He served as the Head the Department and also as the Dean of Students' Affairs, IITK. Prof. Seshadri left IITK in 1974 to join Kasturi Paper Food and Chemicals Ltd., Bangalore, where he set up India's first fodder yeast plant. In 1976, he joined the Shri A. M. M. Murugappa Chettiar Research Center in Chennai as its founder Director, an institute emphasizing appropriate technology, the forte of CVS. It was here that CVS really blossomed and helped develop several appropriate technologies, including Spirulina Algae. For his efforts in this direction, CVS received the prestigious Jamnalal Bajaj award for S&T for rural development (1981).



## *Professor Hari Sahasrabuddhe Distinguished Lecture*

**Prof. Kurt Mehlhorn**, Director, Max Planck Institut für Informatik and Professor, University of Saarland, Germany gave a lecture on “Physarum Computations” on 9th October 2012. In his talk Prof. Mehlhorn spoke about a slime mold called physarum. He said that it was observed over the past 10 years that the mold is able to solve shortest path problems and is able to construct good Steiner networks (Nakagaki-Yamada-Toth, Tero-Takagi-et al). In a nutshell, the shortest path experiment is as follows: A maze is built and the mold is made to cover the entire maze. Food is then provided at two positions and the evolution of the slime is observed. Over time, the slime retracts to the shortest path connecting the two food sources. A mathematical model of the slime's dynamic behavior was proposed in 2007 by Tero-Kobayashi-Nakagaki. Extensive computer simulations of the mathematical model confirm the experimental findings.



**About the speaker:** Prof. Kurt Mehlhorn obtained his PhD in 1974 from Cornell University, USA. He has been a vice president of the Max Planck Society and is the Director of the Max Planck Institute for Computer Science, Saarbrücken. He is the author of several books and over 250 scientific publications which include fundamental contributions to Data Structures, Computational Geometry, Computer Algebra, Parallel Computing, VLSI design, Computational Complexity, Combinatorial Optimization, and Graph Algorithms. Prof. Mehlhorn has several recognitions to his credit. He has been on the editorial boards of ten journals, a trustee of the International Computer Science Institute in Berkeley, California, and a member of the board of governors of Jacobs University Bremen.

**About the Donor:** The Professor Hari Sahasrabuddhe Lecture Series in the Department of Computer Science and Engineering has been made possible by an endowment from Mr. N. R. Narayana Murthy (MT/EE/69). In this lecture series, the foundation organizes two lectures in a year. These lectures are given by people who have made pioneering advances in the theory and practice of computing. Mr. N. R. Narayana Murthy is the Chairman and Managing Director of Infosys Technologies Limited, Bangalore. He did his MTech in Computer Science from the IIT Kanpur in 1969. Then in 1981, he along with six other professionals formed India's first software company that was for, by and of professionals - INFOSYS. As a result of his efforts, Infosys today has top quality technology, clients and services. Mr. Murthy received the Distinguished Alumnus Award of IIT Kanpur in 1998 for creating and building an outstanding entrepreneurial venture and putting India on the international software map.



**About Prof. Hari Sahasrabuddhe:** Prof. Hari Sahasrabuddhe was born in 1943. He obtained his Masters and PhD in Computer Science and Engineering from IIT Kanpur. Prof. Sahasrabuddhe was a faculty member at IIT Kanpur from 1964-1974 and 1976-1984. Professor Sahasrabuddhe was a founding faculty member of the Department of Computer Science and Engineering at IIT Kanpur as well as a pioneer in computing education in India.

<http://www.it.iitb.ac.in/~hvs/>



## *Dr. Devendra Shukla Distinguished Lecture*

Prof. V. M. Sharma, Director, Associated Instruments Manufacturers India (Pvt.) Ltd. (AIMIL), New Delhi gave lecture titled “Dams-Incidents and Accidents” on 9th November, 2012. In his talk Prof. Sharma discussed various aspects of dam design and learning from their failures. Dams are capital intensive structures. It takes a long time to investigate, design and construct dams. While dams are essential for the economic development of the society as they provide storage for water supply, serve as a cushion to absorb the floods, produce clean hydroelectric power with little or no negative impact and water for irrigation, their failure can be catastrophic. Every failure provides a chance to learn from what went wrong and how to improve the system so that a similar failure does not take place again. The case histories of the Tigra brick masonry dam near Gwalior which failed due to sliding after the first filling, the Koyna dam which suffered during an earthquake due to a faulty design, the Francis dam which failed due to the increased height of the reservoir water level, the Vajont dam which suffered due to a slide in the reservoir area and the prestigious Teton dam which was designed by USBR, but not instrumented as there was 'nothing to learn anymore', were used to illustrate the lessons learnt.

**About the Speaker:** Prof. V. M. Sharma is one of the Directors of AIMIL Ltd. He did his BTech in Civil Engineering from IIT Kharagpur, Master's in Water Resources Development from the University of Roorkee, and PhD in Rock Mechanics from IIT Delhi. He served as the Director, Central Soil and Materials Research Station (CSMRS) for six years before starting a technical Consultancy Division with AIMIL Ltd. Prof. Sharma has wide experience in geotechnical investigations/ instrumentation and has contributed extensively to the practice of underground engineering, rock mechanics, and non-destructive testing in India. He has published about 250 papers and edited/co-edited nearly 10 books. He is a Fellow of the Indian National Academy of Engineering, an Honorary Fellow of the Indian Geotechnical Society, and the President of the Indian Society for Engineering Geology. He has also served on the editorial board of the prestigious journal, Materials and Structures of Reunion Internationale des Laboratoires et Experts des Matériaux RILEM.



**About the Donor:** The Dr. Devendra Shukla Distinguished Lecture in the Department of Civil Engineering has been made possible from the donation by Dr. Devendra Shukla (BT/CE/67). Dr. Shukla did his PhD in Structural Engineering from the University of Delaware, USA. Dr. Shukla is the Founder President and CEO, Innovative Technical Solutions, which is now a part of Gilbane Construction Company.

## *Professor K. R. Sarma Distinguished Lecture*

**Prof. Arindam Ghosh**, School of Electrical Engineering and Computer Science, Queensland University of Technology, Brisbane, Australia gave a lecture titled Power Hardware in the Loop (PHIL) – Power Electronic Amplifier Application in Smart Grid Simulation on 21st December 2012. In his lecture Prof. Ghosh pointed out that modern power systems are very complex. Often digital computer simulations are performed for hypotheses testing. However the main deficiency of simulation is its dependence on the models of power system components, which are not often realistic. Power Hardware in the Loop (PHIL) simulation is made possible due to the availability of computers with fast parallel processing capability. In this, the part of the system for which accurate models are available can be simulated in near real-time and interfaced with those components for which accurate models are not reliable. A real time digital simulator (RTDS) is one tool that can simulate complex systems in near real time. However, to interface the RTDS with a specific piece of hardware, power amplifiers are required to convert signals from TTL signal level to power level. His talk highlighted how voltage source converters can be used as power amplifiers. In addition, he also mentioned how PHIL simulation can deal with issues related to the stability and accuracy of the system.

**About the speaker:** Arindam Ghosh is a Professor of Power Engineering in the School of Electrical Engineering and Computer Science, Queensland University of Technology, where he joined as a research capacity building professor in 2006. Before this, he was a faculty member at IIT Kanpur for 21 years (since 1985). He obtained his PhD from the University of Calgary, Canada in 1983. His research interests are in power electronic applications in the control of power systems and pulsed power. Prof. Ghosh is an IEEE fellow and an author of several books.



**About the donor:** The Professor K. R. Sarma Distinguished Lecture in the Department of Electrical Engineering has been made possible from the donation by Dr. K. Sri Nageswari, wife of Prof. K. R. Sarma, former faculty member in the Department of Electrical Engineering.



**About Prof. K. R. Sarma:** Prof. Kalluri Ramlinga Sarma, affectionately known as 'KRS', can be best described as a creator of institutions. He joined IIT Kanpur in 1961 after completing his PhD from Cornell University in the USA. He started at IIT Kanpur at a time when foundations were being laid both of the buildings and of the UG program in various disciplines. Working in close collaboration with Prof. P. K. Kelkar, the visiting Professors from the KIAP program and young colleagues, Prof. Sarma put together a curriculum which became the bench- mark for other institutions in the country.

After working in the Institute from 1961 to 1988 he moved to the Department of Science and Technology (DST) in Delhi. There he played a key role as an advisor in National Programs in Instrumentation, Laser and Robotics. From 1991-97 he directed the Central Scientific Instrument Organization (CSIO), Chandigarh, a CSIR laboratory. After retiring from CSIR in 1996, Prof. Sarma joined the Samtel Group of Industries and immediately set about initiating a culture of R&D in the company. In recognition of his outstanding contribution to IIT Kanpur and the larger world outside over the last five decades, the Board of Governors of IIT Kanpur conferred upon Prof. K. R. Sarma the title of Honorary Fellow of IIT Kanpur on March 16, 2007.



## *Petro-Tel Distinguished Lecture*

**Prof. K. Vijay Raghavan**, Secretary, Department of Biotechnology (DBT) gave a talk titled “Neural stem cells in the making of the brain” on 27<sup>th</sup> February, 2013. In his talk Prof. Raghavan said that a fly landing on a ripe banana negotiates multiple sensory inputs- from odors, its landscape, sounds, the wind, your swatter- and makes an exquisite landing. The insect's ability to deal with the real-world is assembled before it emerges from its pupal case, raising the natural question about how this developmental sophistication is achieved. He said that paring a behavior, his research group studies how each unit is made and connected to create a coordinated marvel. He said that regional specialization is one unit of examination: what, for example, makes the flight system different from the walking system? At the next level, specialized cell-types can be examined. At the final step, he said that they examine how the units, sense organs, nerves, muscles and tendons, connect to make a circuit that behaves in a particular way. At each level of examination, genes are the indispensable scalpels telling us the identity, function, and placement of 'nuts, bolts and glue' in the process of regional, cellular and circuit specialization. He first spoke about how animal behavior is put in place from the earliest stages of development, and then showed how the new results in the development, anatomy and function of neuronal stem cell lineages in the brain of the fly are important for modulating specific behavioral responses.

**About the Speaker:** Prof. Vijay Raghavan obtained his BTech in chemical engineering from IIT Kanpur in 1975 and obtained his PhD in Molecular Biology from Tata Institute in Bombay in 1983. After working in California Institute of Technology, USA as a Postdoctoral Research Fellow and Senior Research Fellow, he returned to India in 1988 and worked with Obaid Siddiqi and other colleagues to start the National Centre for Biological Sciences (NCBS), which has developed into an internationally recognized laboratory for modern biology. NCBS has worked with the Indian Government to expand its campus to add in STEM (science, technology, engineering, and mathematics), a major new institute for regenerative biology of which Prof. Raghavan was the interim Director. He also developed a research program in muscle and neural development using *Drosophila*. The Vijay Raghavan lab embarked on a study of motor neuron development and differentiation in collaboration with Prof. Darren Williams at King's College London, the result of which led to an understanding of the birth order and dendritic positioning in the central nervous system. His laboratory continues to work in this area, in integrating the emergence of neural connectivity with function. In 1998, Prof. Raghavan received with the Shanti Swarup Bhatnagar Award. In 2003, he received the Distinguished Alumnus Award of IIT Kanpur. He also received the Infosys Prize in the life sciences category in 2009. He has been conferred the prestigious Padma Shri Award by the Government of India for the year 2013. Since January 2013, Prof. Raghavan is Secretary, Department of Biotechnology, Government of India.



**About the Donor:** The PetroTel Distinguished Lecture series in Chemical Engineering at IIT Kanpur has been made possible by an endowment from Dr. Anil K. Chopra (B. Tech/ChE/IITK/1976 and recipient of the IITK Distinguished Alumnus Award, 2010). Dr. Chopra obtained his PhD from the University of Houston, USA, in 1982. Currently, Dr. Chopra is the President, CEO and Chairman of PetroTel Inc., USA.



## *C. N. R. Rao Distinguished Lecture*

**Prof. Debasis Kundu**, Department of Mathematics and Statistics, IIT Kanpur gave a talk titled “Analyzing Periodic Data: Statistical Perspectives” on 6<sup>th</sup> March, 2013. In his talk Prof. Kundu said that we all observe periodic phenomena everyday in our lives; for instance the daily temperature of Delhi, or the number of tourists visiting the famous Taj Mahal, or the ECG data of a normal human being, are clearly periodic in nature. Sometimes, the observations may not be exactly periodic due to different reasons, but they may be nearly periodic. He said that the received data is usually disturbed by various factors. Due to the random nature of the data, statistical techniques play an important role in their analysis. Statistics is also used in the formulation of appropriate models to describe the behavior of the system, in the development of an appropriate technique for estimation of model parameters, and for the assessment of model performances. In his talk he discussed different techniques which have developed over the last twenty-five years for analyzing periodic data, other than the standard Fourier analysis.



**About the Speaker:** Prof. Debasis Kundu received his BStat in 1982 and MStat in 1984 from the Indian Statistical Institute. He obtained his PhD in 1989 from Pennsylvania State University, after which he worked for a year at the University of Texas at Dallas as a tenure track assistant professor, before joining IIT Kanpur in 1990. Prof. Kundu is currently the Arun Kumar Chair Professor and is also the Head of the Department of Mathematics and Statistics. His research interests include statistical signal processing, univariate and multivariate probability distributions, statistical computing

and data analysis. Prof. Kundu is a Fellow of the Indian National Academy of Sciences. He has authored more than 200 research publications and two books. He is on the editorial board of four international journals in the field of Statistics.

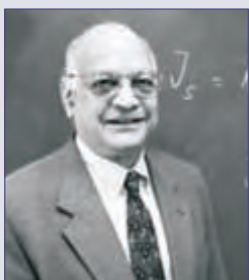
**About the Donor:** Prof. Chintamani Nagesa Ramachandra Rao was born on June 30, 1934 in Bangalore. He completed his PhD in 1958 from Purdue University. From 1963-76, he was a Professor of Chemistry at IITK. From 1984-89, he was the Director of IISC Bangalore. Dr. Rao has published more than 45 books and 1500 research papers with more than 42,000 total citations. He was appointed as Chair of the Scientific Advisory Council to the Indian Prime Minister in 2005. He has won several international prizes and is a foreign member of the US National Academy of Sciences, the American Academy of Arts and Sciences and of the Royal Society (London). He has also been given the high honors of Padma Shri and Padma Vibhushan by the Government of India. The annual C. N. R. Rao Lecture is supported by a generous donation from Prof. Rao.





## *Jagadishwar Mahanty Distinguished Lecture*

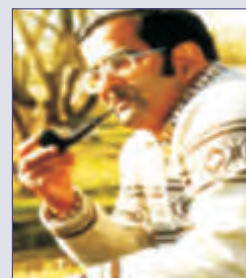
**Prof. Vinay Ambegaokar**, Cornell University, Ithaca, New York gave a lecture titled “Entropy and Time” on 13<sup>th</sup> March, 2013. In his talk Prof. Ambegaokar discussed the emergence of direction of time in elementary statistical mechanics from an underlying motion-reversal invariant dynamics. He used the urn model of P. and T. Ehrenfest, generalized to finite temperature, to illustrate the main points. The manner in which time-reversal symmetry is preserved and the role of initial conditions were emphasized. The transformation of the principle of no decrease of entropy for an isolated system to the principle of no increase of free energy for a system at fixed temperature was demonstrated using simple analytic and numerical methods, including reliable estimates of errors.



**About the speaker:** Prof. Vinay Ambegaokar is currently the Goldwain Smith Professor of Physics Emeritus, Cornell University. He obtained his PhD in Theoretical Physics, from Carnegie Institute of Technology, USA in 1960. Prof. Ambegaokar has received several awards and honours like the Alfred P. Sloan Fellow, 1965-1967; medal of the University of Helsinki, 1971; Fellow, American Physical Society, 1979; J. S. Guggenheim Fellow, 1983-84; medal of the College de France, 1986; Humboldt Foundation Senior U. S. Scientist, 1986, 1990. His research interests are in the area of low temperature and condensed matter physics. His current work focuses on some aspects of disordered metallic conductors, on quantum information and its loss through 'decoherence', and on mathematical ways of describing these phenomena.

**About the donor:** Prof. Jagadishwar Mahanty Lecture Series in Physics has been instituted by Dr. Siddharth Mahanty in memory of his father, Prof. Jagdishwar Mahanty, who was a faculty member in the Department of Physics at IIT Kanpur from 1961-1972.

**About Professor Jagadishwar Mahanty:** Prof. Mahanty was born on 20th July 1932 in Puri, Orissa. After his MSc in Physics from Calcutta University, he worked for several years at the National Physical Laboratory. In 1956, he went to the University of Maryland, USA for his doctoral degree. After completing his PhD in 1960 he joined Punjab University, Chandigarh and subsequently joined the Physics department of IIT Kanpur in 1961. He was instrumental in shaping the Physics department during its infancy. He made important contributions to condensed matter physics, particularly to the study of many body physics, lattice dynamics, van-der-Waals interactions and the electronic structure of solids. He was the Head of the Physics department from 1967 to 1972. In 1971, Prof. Mahanty decided to concentrate on his own research and gave up the administrative responsibility. In 1972, he joined the prestigious Australian National University and superannuated from there in July 1995 due to ill health. Prof. Mahanty was an excellent physicist with a very modest and kind personality. His helpful nature to both students and colleagues was a great asset of his character. He was a warm and caring person who is greatly missed by his family and friends.



## *Samsonov Memorial Distinguished Lecture*

**Prof. G. S. Upadhyaya** gave a talk titled “Sintering Research: Past, Present and Future” on 1<sup>st</sup> March, 2013. In his talk Prof. Upadhyaya said that sintering is a major step in forming material from particulates, starting from ores, metals or composites. It can be performed without pressure or under pressure. In his talk he discussed the former – material forming without pressure. He said that pressureless sintering can be again classified into solid state or liquid phase sintering. There are many approaches for the theoretical analysis of solid state sintering viz. scaling laws, analytical models, numerical simulations, topological models, statistical models, phenomenological equations and the electronic model for sintering. In his talk Prof. Upadhyaya spoke more about the analytical models, which involve three stages of sintering i.e. the initial, intermediate and final stages. He said that in liquid phase sintering the mechanism involves contact flattening and pore filling. Each one of these was explained at length in his talk. He concluded his talk by explaining the sintering aspects of nanostructured materials and said that in activated sintering, the role of the electronic structures of the component atoms is very crucial.



**About the Speaker:** Prof. Gopal Shankar Upadhyaya joined the department of Metallurgical Engineering (now Materials Science and Engineering), IIT Kanpur in 1976 as Professor. Prior to that he was Associate professor at the University of Roorkee. He obtained his PhD from the Kiev Institute of Technology, Ukraine in 1969 under the guidance of the internationally renowned Materials Scientist Prof. G.V. Samsonov. Prof. Upadhyaya has published more than 300 papers and has authored/edited 16 books. He has served on the Advisory Boards of practically all the major conferences and journals in powder metallurgy. Prof. Upadhyaya retired from IIT Kanpur in 2001, and currently resides in Varanasi. **Prof. Upadhyaya himself has initiated this lecture series in the memory of his mentor Professor G. V. Samsonov.**

**About Professor G. V. Samsonov (1918-1975):** Prof. Grigorii Valentinovich Samsonov was born on 15th February 1918 in a town near Leningrad (now St. Petersburg). After earning his first degree at the Nonferrous Metals Institute in Moscow, he joined the Soviet Navy. At the end of the Second World War, he was stationed in the Soviet occupied zone of Austria. It was here he became interested in extensive refractory metals and their compounds. After the cessation of the war, Prof. Samsonov returned to Moscow and resumed his higher studies and research under the guidance of Prof. M. A. Merson (Institute of Steel and Alloys), a noted powder metallurgist of the then USSR. After completion of his PhD degree, Prof. Samsonov joined the Institute of Metalkeramika (powder metallurgy) in the Ukrainian Academy of Science at Kiev as a senior scientist. The Institute was later renamed “Institute of Materials Problem.” Within a few years, he was elevated to the post of Deputy Director. Simultaneously, he was invited to head the Powder Metallurgy Department of the Kiev Institute of Technology. Prof. Samsonov made seminal contributions to the structure-properties-processing-performance relations of inorganic materials such as carbides, nitrides, borides, silicides, germanides, selenides, phosphides. Prof. Samsonov authored nearly 1500 papers.





### *List of Distinguished Lectures @ IIT Kanpur*

<b>Name of the Distinguished Lecture</b>	<b>Instituted by</b>	<b>Area</b>
<b>Distinguished Lecture in Chemistry</b>	Department of Chemistry	Department of Chemistry
<b>Dr. Devendra Shukla Distinguished Lecture</b>	Devendra Shukla (BT/CE/67)	Department of Civil Engineering
<b>Dr. M. A. Pai Distinguished Lecture</b>	Vijay Vittal (MT/EE/79)	Department of Electrical Engineering
<b>Dr. R. S. Pandey Distinguished Lecture</b>	Rakesh Pandey (BT/ME/1978)	Department of Mechanical Engineering
<b>P. D. Murthy Memorial Distinguished Lecture</b>	Mr. Ram Mohan (BT/AE/1972) and Mrs. Shiela Mohan	Department of Industrial Management and Engineering
<b>Petro-Tel Distinguished Lecture</b>	Dr. Anil K. Chopra (BT/ChE/IITK/1976)	Department of Chemical Engineering
<b>Professor Arabindo Nath Bose Bioentrepreneurship Distinguished Lecture</b>	Dr. Arindam Bose (BT/ChE/1975)	Department of Biosciences and Bioengineering
<b>Professor C. N. R. Rao Distinguished Lecture</b>	Prof. C. N. R. Rao (former faculty member, Department of Chemistry)	Department of Chemistry
<b>Professor C. V. Seshadri Memorial Lecture</b>	Several students, family members and friends of CVS	Department of Chemical Engineering

## *List of Distinguished Lectures @ IIT Kanpur*

<b>Name of the Distinguished Lecture</b>	<b>Instituted by</b>	<b>Area</b>
<b>Professor E. C. Subbarao Distinguished Lecture</b>	Mr. R. Ramkumar (BT/MME/1972)	Department of Material Science and Engineering
<b>Professor Hari Sahasrabudhe Lecture</b>	Mr. N. R. Narayana Murthy (MT/EE/69)	Department of Computer Science and Engineering
<b>Professor Jagadishwar Mahanty Distinguished Lecture</b>	Dr. Siddharth Mahanty (son of Prof. J. Mahanty)	Department of Physics
<b>Professor K. R. Sarma Distinguished Lecture</b>	Dr. K. Sri Nageswari (wife of Prof. K. R. Sarma)	Department of Electrical Engineering
<b>Professor M. Ramamoorthy Distinguished Lecture</b>	Dr. Shashi M. Kuppa (BT/CE/1985), Dr. Kamala Cherukupalli and Mr. Sainath (children of Prof. M. Ramamoorthy)	Department of Electrical Engineering
<b>Professor Ramachandra Rao Dasari Distinguished Lecture</b>	Dr. Satish Dasari (MD) (son of Prof. R. R. Dasari)	Department of Physics
<b>Samsonov Memorial International Distinguished Lecture</b>	Prof. G. S. Upadhyaya	Department of Material Science and Engineering



## *List of Chairs and Chair Professors*

<b>Name of the Chair/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Arun Kumar Chair</b>  Family, Friends and admirers of Late Mr. Arun Kumar (BT/EE/1969)	<b>Prof. Prem Kalra (EE)</b>  October 2008 - March 2010	<b>Prof. Debasis Kundu, (MTH &amp; STATS)</b>  January 2012 - December 2015
<b>C. V. Seshadri Chair</b>  A whole generation of students, who were taught by late Prof. C. V. Seshadri		<b>Prof. Ashutosh Sharma (CHE)</b>  January 2012 - December 2015
<b>Champa Devi Gangwal Chair</b>  Mr. Rakesh Gangwal (BT/ME/1975)	<b>Prof. Deepak Gupta (MSE)</b>  October 2008 - September 2011	<b>Prof. Sanjay Mittal, (AE)</b>  January 2012 - December 2015
<b>Chevron Corporation Chair</b>  Chevron Texaco, USA [due to the efforts of Mr. Jagjeet Singh Bindra (BT/CHE/1969)]		<b>Prof. Deepak Kunzru (CHE)</b>  June 2007 to May 2014
<b>D. N. Wadia Chair</b>  The Ministry of Earth Sciences (MoES)		<b>Prof. S. K. Tandon former faculty member (Geology) University of Delhi</b>  January 2013 – December 2016
<b>Dr. Gurmukh D. and Veena M. Mehta Chair</b>  Dr. Gurmukh D. Mehta	<b>Prof. Gautam Biswas (ME)</b>  June 2007 - May 2010	<b>Prof. Kalyanmoy Deb (ME)</b>  May 2011 - April 2014

## *List of Chairs and Chair Professors*

<b>Name of the Chair/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Dr. Jag Mohan Garg Chair</b>  Mr. Sudhir M. Mittal (BT/CHE/70)		<b>Prof. Debashish Chowdhury (PHY)</b>  May 2011 - April 2014
<b>Gireesh Jankinath Chair</b>  Ravindra Nath Akhoury (BT/EE/1968)	<b>Prof. R. C. Budhani (PHY)</b>  June 2007 - May 2010	<b>Prof. Raj Kumar Thareja (PHY)</b>  May 2011 - April 2014
<b>Indian Oil Golden</b>  Indian Oil Corporation Ltd.		<b>Prof. Goutam Deo (CHE)</b>  May 2011 - April 2014
<b>Joy Gill Chair</b>  Mr. Ajit S. Gill (BT/EE/1969)	<b>R. Sankararamakrishnan (BSBE)</b>  June 2007 - May 2010	<b>Prof. S. Ganesh (BSBE)</b>  November 2010 - October 2013
<b>Lalit Mohan Kapoor Chair</b>  Mr. Lalit Mohan Kapoor (BT/CHE/1971)	<b>Prof. V. Chandrasekhar (CHM)</b>  August 2006 - July 2009	<b>Prof. J. N. Moorthy (CHM)</b>  May 2011 - April 2014
<b>MHRD-IPR Chair</b>  The Ministry of Human Resource Development, Government of India		<b>Prof. Ashok K. Mittal (IME)</b>  June 2007 - May 2010
<b>Ministry of Steel Chair</b>  Government of India, Ministry of Steel		<b>Prof. Dipak Mazumdar (MSE)</b>  July 2012 - June 2017



## *List of Chairs and Chair Professors*

<b>Name of the Chair/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Mrs. and Mr. Gian Singh Bindra Chair</b>  Mr. Jagjeet S. Bindra (BT/CHE/1969)		Selection under process.
<b>N. C. Nigam Chair</b>  Family, friends and admirers of late Prof. N. C. Nigam		<b>Prof. P. K. Panigrahi (ME)</b>  January 2012 - December 2015
<b>N. Rama Rao Chair</b>  Mr. N. R. Narayana Murthy (MT/EE/69)	<b>Prof. Manindra Agrawal (CSE)</b>  January 2003 - December 2013	Selection under process.
<b>P. K. Kelkar Chair</b>  Alumnus of IIT Kanpur who does not want his name to be publicized	<b>Prof. S. C. Srivastava (EE)</b>  September 2009 - August 2012	Selection under process.
<b>Pandit Girish Ranjan and Sushama Rani Pathak Chair</b>  Mrs. Rita Dwivedi and Mr. Kamalesh Dwivedi (BT/EE/79)		Selection under process.

## *List of Chairs and Chair Professors*

<b>Name of the Chair/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Pandit Ramchandra Dwivedi Chair</b>  Mrs. Rita Dwivedi and Mr. Kamalesh Dwivedi (BT/EE/79)	<b>C. Venkatesan (AE)</b>  June 2007 - May 2010	<b>Prof. Tapan K. Sengupta (AE)</b>  May 2011 - May 2014
<b>Poonam and Prabhu Goel Chair (3 Chairs)</b>  Dr. Prabhakar (Prabhu) Goel (BT/EE/1970)	<b>Late Prof. S. D. Joglekar (PHY)</b>  October 2008 - July 2010;  <b>Prof. Lilavati Krishnan (HSS)</b>  October 2008 - September 2011;  <b>Prof. Rajat Moona (CSE )</b>  October 2008 - September 2011	<b>Prof. Sanjeev K. Aggarwal (CSE)</b>  January 2012 - December 2015  <b>Prof. P. K. Bharadwaj (CHM)</b>  January 2012 - December 2015;  <b>Prof. R. N. Mukherjee (CHM),</b> January 2012 - December 2015
<b>Pradeep Sindhu Chair</b>  Dr. Pradeep Sindhu (BT/EE/1974)	<b>Prof. Y. N. Mohapatra (PHY)</b>  August 2006 - August 2009	<b>Prof. Avinash Joshi (EE)</b>  May 2011 - May 2014
<b>Prof. B. B. Lal Chair</b>  Mr. Vrajesh Lal (BT/MME/1970)	<b>Late Prof. R. Bala- subramanian (MSE)</b>  September 2009 – December 2009	<b>Prof. Onkar Dikshit (CE)</b>  May 2011 to May 2014
<b>Prof. S. Sampat Chair</b>  Family members, friends and admirers of Prof. S. Sampath (former Director, IIT Kanpur)	<b>Prof. Ashok Kumar Mallik (ME)</b>  August 2006 - July 2009	<b>Prof. Arvind Kumar Sinha (HSS)</b>  January 2012 - December 2015

## *List of Chairs and Chair Professors*

<b>Name of the Chair/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Rahul and Namita Gautam Chair</b>  Mr. Rahul Gautam (BT/ChE/1975) and his wife	<b>Prof. Amalendu Chandra (CHM)</b>  October 2008 - September 2011	<b>Prof. Gurumurthy Neelakantan (HSS)</b>  January 2012 - December 2015
<b>Raj and Neera Singh Chair</b>  Dr. Rajendra Singh (BT/EE/1975) and his wife Ms. Neera Singh (BT/CHE/1981)	<b>Prof. Anil Kumar (CHE)</b>  June 2007 - May 2010	<b>Prof. Nishith Verma (CHE)</b>  January 2012 - December 2015
<b>Rajeeva and Sangeeta Lahri Chair</b>  Dr. Rajeeva Lahri (Msc2/Phy/1975; MT/MSP/1976) and his wife Mrs. Sangita Lahri	<b>Prof. Sudhir Jain (CE)</b>  October 2008 - September 2011	<b>Prof. Partha Chakroborty (CE)</b>  January 2012 - December 2015
<b>Ram Tiwari Chair</b>  Dr. Kamal Tiwari (BT/ME/1973) and his wife Gloria	<b>Prof. Kripa Shanker (IME)</b>  October 2008 - June 2009	Selection under process.
<b>Ranjit Singh Chair</b>  Dr. Ranjit Singh (BT/MME/1965)	<b>Ashutosh Sharma (CHE)</b>  October 2008 - September 2011	<b>Prof. Alope Dutta (EE)</b>  January 2012 - December 2015



## *List of Chairs and Chair Professors*

<b>Name of the Chair/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>S. B. I. Chair</b>  State Bank of India		<b>Prof. Monica Katiyar (MSE)</b>  May 2011 - April 2014
<b>Sajani Kumar Roy Memorial Chair</b>  Mr. Ranodeb Roy (BT/CSE/1990)	<b>Prof. Y. D. Vankar (CHM)</b>  October 2008 - September 2011	<b>Prof. Amalendu Chandra (CHM)</b>  January 2012 - December 2015
<b>Sanjay &amp; Rachna Pradhan Chair</b>  Mr. Sanjay Pradhan (BT/ChE/86) and Mrs Rachna Pradhan (BT/EE/85)		<b>Prof. Somenath Biswas (CSE)</b>  January 2012 - December 2015
<b>Sanjay Mittal Chair</b>  Dr. Sanjay Mittal (BT/EE/1975) and his wife Mrs. Preeti Mittal	<b>Prof. Sanjay Mittal (AE)</b>  October 2008 - September 2011	<b>Prof. Peeyush Chandra (MTH&amp;STATS)</b>  January 2012 - December 2015
<b>Satish Chandra Agarwal Chair</b>  Kamal Agarwal (BT/CE/72) and Katherine Agarwal	<b>Prof. Pradip Sinha (BSBE)</b>  October 2008 - September 2011	<b>Prof. Manoj K. Harbola (PHY)</b>  January 2012 - December 2015

## *List of Chairs and Chair Professors*

<b>Name of the Chair/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Sir M. Visvesvaraya Chair</b>  The Ministry of Water Resources of Government of India	<b>Prof. Rajesh Srivastava (CE)</b>  September 2009 - July 2011	Selection under process.
<b>Sri Dev Raj Chair</b>  Mr. Deepak Devraj (BT/EE/1970)	<b>Prof. Kalyanmoy Deb (ME)</b>  June 2007 - May 2010	<b>Prof. Sandeep Verma (CHM)</b>  January 2012 - December 2015
<b>Shri Jagdeo NarainGupta and Smt. Murti Devi Gupta Chair</b>  Mr. Jitendra Nath Gupta (BT/EE/1977) and his wife Mrs. Rekha Gupta	<b>Prof. R. P. Chhabra (CHE)</b>  September 2009 - September 2012	Selection under process.
<b>Umang Gupta Chair</b>  Mr. Umang Gupta (BT/CHE/1971)	<b>Prof. Vinod K. Singh (CHM)</b>  June 2007 - June 2010	<b>Prof. Surya P. Mehrotra (MSE)</b>  May 2011 - May 2014
<b>USV Chair</b>  Mr. Prashant Tewari (BT/ME/1979) and his wife Ms. Leena Gandhi Tewari	<b>Prof. Debasis Kundu (MTH)</b>  October 2008 - September 2011	<b>Prof. R. S. Ramakrishnan (BSBE)</b>  January 2012 - December 2015

## *List of Young faculty Research Fellows*

<b>Name of the Fellowship/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Class-of-1970 Young Faculty Research Fellowships</b>  Class-of-1970	<b>Dr. Abhijit Kushari (AE)</b>  October 2009 - September 2012  <b>Dr. D. S. Katti (BSBE)</b>  October 2009 - September 2012  <b>Dr. Animesh Das (CE)</b>  October 2009 - September 2012	Selection under process.
<b>Class-of-1979 Young Faculty Research Fellowships</b>  Class-of-1979	<b>Dr. Yogesh M. Joshi (CHE)</b>  October 2009 - September 2012  <b>Dr. S. P. Rath (CHM)</b>  October 2009 - September 2012	Selection under process.
<b>Class-of-1982 Young Faculty Research Fellowships</b>  Class-of-1982	<b>Dr. Rajesh Hegde (EE)</b>  October 2009 - September 2012  <b>Dr. Anish Upadhyay (MSE)</b>  October 2009 - September 2012	Selection under process.



## *List of Young faculty Research Fellows*

<b>Name of the Fellowship/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>Class-of-1984 Young Faculty Research Fellowships</b>  Class-of-1984	<b>Dr. J. Ramkumar (ME)</b>  June 2012 - May 2015	Selection under process.
<b>Devendra Shukla Young Faculty Research Fellowship</b>  Dr. Devendra Kumar Shukla (BT/CE/1967)	<b>Dr. Avinash Kumar Agarwal (ME)</b>  October 2009 - September 2012	Selection under process.
<b>Jagjeet S. Bindra Young Faculty Research Fellowship</b>  Dr. D. S. Hur, Chairman and CEO, CS Caltex Corporation, Korea has set up this research fellowship in honour of Mr. Jagjeet S. Bindra (BT/CHE/1969)		<b>Dr. Siddharth Panda (CHE)</b>  November 2010 - October 2013
<b>Mrs. and Mr. Gian Singh Bindra Young Faculty Research Fellowship</b>  Mr. Jagjeet S. Bindra (BT/CHE/1969)  <b>Remark</b>  Now this fellowship has been converted into <b>Mrs. and Mr. Gian Singh Bindra Chair</b>	<b>Dr. Animangsu Ghatak (CHE)</b>  October 2009 - September 2012	Selection under process.

## *List of Young faculty Research Fellows*

<b>Name of the Fellowship/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<b>P. K. Kelkar Young Faculty Research Fellowships</b>  IIT Kanpur	<b>Dr. Nitin Kaistha (CHE)</b>  October 2009 - September 2012	<b>Dr. Satyajit Banerjee (PHY)</b>  June 2012 - May 2015
	<b>Dr. Sameer Khandekar (ME)</b>  October 2009- September 2012	<b>Dr. Saikat Chakrabarti (EE)</b>  June 2012 - May 2015
	<b>Dr. Bikramjit Basu (MSE)</b>  October 2009 - September 2012	<b>Dr. Sudipta Dutta (MTH &amp; STAT)</b>  June 2012 - May 2015
	<b>Dr. Anjan Kumar Gupta (PHY)</b>  October 2009 - September 2012	<b>Dr. Aditya K. Jagannatham (EE)</b>  June 2012 - May 2015
	<b>Dr. S. A. Ramakrishna (PHY)</b>  October 2009 - September 2012	<b>Dr. Kallol Mondal (MSE)</b>  June 2012 - May 2015
	<b>Dr. Tapobrata Sarkar (PHY)</b>  October 2009 - September 2012	<b>Dr. Nishanth Nair (CHM)</b>  June 2012 - May 2015

## *List of Young faculty Research Fellows*

<b>Name of the Fellowship/ Instituted by</b>	<b>Past Occupant</b>	<b>Present Occupant</b>
<p><b>Arakere Vasudev Young Faculty Research Fellowship</b></p> <p>Dr. D. S. Hur, Chairman and CEO of CS Caltex Corporation, Korea has set up two research fellowships in honour of Mr. Jagjeet S. Bindra (BT/CHE/1969). Mr. Bindra in turn named one research fellowship in honour of his teacher Prof. Arakere Vasudev (1965 - 1970)</p>		<p><b>Dr. V. Shankar (CHE)</b></p> <p>November 2010 - November 2013</p>
<p><b>Research I Faculty Young Research Fellowship</b></p> <p>Mr. N. R. N Murthy Fund</p>		<p><b>Dr. Surender Baswana (CSE)</b></p>
<p><b>Sir M. Visvesvaraya Young Faculty Research Fellowship</b></p> <p>The Ministry of Water Resources of Government of India</p>	<p><b>Dr. S. N. Tripathi (CE)</b></p> <p>October 2009 – September 2012</p>	<p>Selection under process.</p>



# *Honours and Awards*



# *Distinguished Alumnus Awards*

*The Distinguished Alumnus Award (DAA) is the highest award instituted by the Board of Governors, Indian Institute of Technology Kanpur for its alumni in recognition of their outstanding achievements. Every year the Institute works with its alumni to honour individuals who have made a mark in their respective fields of expertise. IIT Kanpur alumni have excelled in diverse fields of activity, and the DAA may be given for outstanding achievements in any field pertaining to the service of humanity at large. Some of the areas in which the DAA has been awarded include:*

*Academic Excellence  
Professional Excellence  
Entrepreneurship & Managem  
Entrepreneurship,  
Management*

*Including this year's awardees, there have so far been ninety two recipients of the award. The first recipient was Shri Satish Kaura (BT/EE/66), presently the Chairman and Managing Director of Samtel Color. He was conferred the award for excellence in entrepreneurship in 1989. This year seven alumni will be honoured with the DAA in November 2013.*

*To know about previous winners of the Distinguished Alumnus Award visit:  
<http://www.iitkalumni.org/daa/lastyearsDAA.asp>*

# *Distinguished Alumnus Award 2013*

**Kamal K. Sharma, (BT/CHE/69)**, Managing Director, Lupin Limited, Mumbai, has been awarded the Distinguished Alumnus Award for his outstanding managerial career and contributions to the pharmaceutical industry.

**Bhadersh K. Shah, (BT/MSE/75)**, Executive Director, Ahmedabad Induction Alloys (AIA) Engineering Ltd., has been awarded the Distinguished Alumnus Award for his for excellence in Entrepreneurship.

**Keshav Pingali, (BT/EE/78)**, W.A.'Tex' Moncrief Chair of Grid and Distributed Computing and Professor, Computer Science, University of Texas, Austin, has been awarded the Distinguished Alumnus Award for his for his outstanding and seminal contributions in the field of Computer Science and Engineering.

**Sumant Nigam, (MSC5/PHY/78)**, Professor of Atmospheric and Oceanic Sciences, University of Maryland, has been awarded the Distinguished Alumnus Award for his for his outstanding contributions and academic achievements in the area of atmospheric and ocean sciences

**Amit Gupta, (BT/EE/00)**, Co-Founder and Vice-President of Revenue and Operations, InMobi Inc., has been awarded the Distinguished Alumnus Award for his for his excellence in entrepreneurship.

**Naveen Tewari, (BT/ME/00)**, Chief Executive Officer and Founder, InMobi Inc., has been awarded the Distinguished Alumnus Award for his for his excellence in entrepreneurship.

**Abhay Singhal, (BT/EE/01)**, Co-founder, Vice-President of Global Sales and MD EMEA, InMobi Inc., has been awarded the Distinguished Alumnus Award for his for his excellence in entrepreneurship.





Kamal K. Sharma



Bhadersh K. Shah



Keshav Pingali



Sumant Nigam



Amit Gupta



Naveen Tewari



Abhay Singhal

## *Satyendra K. Dubey Memorial Award*



Trilochan Sastry

*The Satyendra K. Dubey Memorial Award was instituted by IIT Kanpur in 2005, in memory of its alumnus Mr. Satyendra K. Dubey (BT/CE/94). He was tragically killed on the morning of 27th November, 2003 in Gaya, Bihar, while fighting against corruption in the National Highway Authority of India. The award is given to an alumnus of any IIT who upholds the spirit of Satyendra K. Dubey and who has distinguished himself/herself by displaying the highest professional integrity and by upholding human values. This year Mr. Trilochan Sastry (BT/IITD/1980) was awarded the Satyendra K. Dubey Memorial Award for his contributions in bringing about transparency in public life.*

## *Gopal Das Bhandari Memorial Outstanding Teacher's Award*

*The Gopal Das Bhandari Memorial Outstanding Teacher's Award has been instituted by Mr. Anil Bhandari (BT/ME/1969) to honour his father. This award is to honour, annually, an outstanding teacher from the perspective of the graduating undergraduate batch. This year the Gopal Das Bhandari Memorial Outstanding Teacher's Award was awarded to Prof. Aditya Jagannatham of the Electrical Engineering Department. Prof. Jagannatham received his Btech degree from the Indian Institute of Technology, Bombay and his M.S and Ph.D. degrees from the University of California, San Diego, U.S.A.*



Prof. Aditya Jagannatham

## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
ACC Fellowship	ACC Ltd. Bombay	Biswajit Samanta Y12848, (MSc2-CHM) Indrani Banerjee 12852, (MSc2-CHM)
Anil and Reshma Nigam Scholarship	Anil Nigam (BT/AE/70)	Madhabendra Pradhan Y10375, (BTech-AE)
Anita and Santosh Mehra Foundation Scholarship	Santosh Mehra (BT/EE/1966)	Nitish Kumar Srivastava Y10464, (BTech-EE) Porwal V. Rajendra Kumar Y10494, (BTech-EE) Ritu Raj Y10605, (BTech-MTech,EE) Tanmay Gupta Y10758, (BTech-EE) Vatsal Sharan Y10789 (BTech-EE)
Anurag Bartaria Scholarship	C. K. Bartaria (father of late Anurag Bartaria, IITK student)	Rakesh Yadav Y12553, (BTech-MSE)
Arpita Mahila Mandal Scholarship	Arpita Mahila Mandal	Tanul Abroal Y12754, (BTech-CHE) Sushmita Shubham Y12743 (BTech-CHE)
Babu Ram Jain Memorial Scholarship	Ashok Jain (Mtech/CE/1971)	Manoj Kumar Y12401, (BTech-MSE)



## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
B. G. M. Kumar Foundation Scholarship	Birendra Kumar (BT/ME/76)	Kiran Raj Goudb Y10352, (BTech-AE)
Baljit and Nirmal Dhinsa Scholarship	Ajit Gill (BT/EE/69)	Vaishnav Eeshit Dhaval Y11786 (BTech-BSBE)
Bhagwan Das Kapoor Memorial Scholarship	AIM FOR SEWA (TRUST)	Anju Tiwari Y12141, (BTech-MSE)
Bhuwan and Indira Joshi Scholarship	Vinit Joshi (BT/EE/77)	Nikhil kurele Y12445, (BTech-ME)
Bishambar Gupta and Anguri Gupta	Satish Gupta (BT/EE/1977)	Ravindra Kumar Sahu Y10592, (BTech-EE)
Dharmavati Garg Scholarship	Avinash Agrawal (BT/EE/1977)	Shubham Tulsiani Y9574, (BTech-CSE) Shyam Upadhyay YY9579, (BTech-CSE)

## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Dr. D. R. Bhagat Scholarship	Deepak Bhagat (BT/EE/73)	Ashish Kumar Patel Y10156, (BTech-EE)
Dr. Gurucharan Singh Kainth Scholarship	G. S. Kainth (former faculty member, ME, IITK)	Punit Chotia Y11544, (BTech-EE) Pratik Agarwal Y10523, (BTech-MSE) Sutanu Gayen Y9615, (BTech-CSE)
Dr. M. Anantaswamy and Mrs Vijayalakshmi Rau	Pradeep A. Rau (BT/MME/1972)	Ashutosh Verma Y11169, (BTech-AE)
Dr. Nita Goyal and Dr. Ashish Gupta Scholarship	Nita Goyal (BT/CSE/87) and Ashish Gupta (BT/CSE/88)	Ankush Saharan Y12132, (BTech-CE) Aditya Jain Y11037, (BTech-EE) Sharad Maheshwari Y10667, (BTech-CHE) Ankit Mahato Y9099
Dr. K. C. Saronwala Scholarship	Anupam Saronwala	Harshit Agrawal Y12288, (BTech-CSE)
Durga Devi Memorial Scholarship	S. K. Dogra (Retired Prof./CHM/IITK)	Soumyadyuti Samai, Y11868 (MSc to-CHM)

## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Guru Ji Ghasit Ram Scholarship	Ranjit Singh (BT/MME/1965)	Sachin Agrawal Y10619, (BTech-MSE) Kundan Kumar Y12375, (BTech-CSE)
Harish and Sushila Chandra Scholarship	Mala and Ashok K. Chandra (BT/EE/69)	Rohit Anurag Y12585, (BTech-CSE)
Kemchand Memorial Scholarship	Sarwan Kumar (BT/AE/1975)	Nikhil kumar Y11459, (BTech-CHE)
Khem Chandra Yadav Scholarship	Ranjit Singh (BT/MME/65)	Raunak Shamnani Y12562, (BTech-CSE) Akshay Bansal, Y10059 (BTech-MTech-CHE)
Kunta Jha Scholarship	Saroj Jha (BT/CE/86)	Vishal Goyal Y12821, (BTech-CHE)
Mahesh and Shashi Chandra Gupta Scholarship	Manish Chandra (BT/CSE/87)	Shubham Karnawat, Y12697, (BTech-CE)



## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Mathur Brothers Scholarship	Atul Mathur Alok Mathur and Anup Mathur	Utsav Sadana Y12774, (BTech-MSE)
Mona and Paramjit Singh Scholarship	Ajit Gill (BT/EE/69)	Anjaney Kothari Y10094, (BTech-BSBE), Jyoti Gupta Y9265, (BTech-BSBE)
N. S. Rajaraman Scholarship	Rajmohan Rajaraman (BT/CSE/91)	Devendra Verma Y12236, (BTech-CHE)
Neta Ji Balwant Singh Scholarship	Ranjit Singh (BT/MME/65)	Anupam Kumar Y9114, (BTech-MTech-EE) Shubham Patel Y12701, (BTech-EE)
O. P. Jindal Engineering and Management Scholarship	O. P. Jindal Group	Kumar Ritikesh Y9296, (BTech-EE) Unnat Jain Y11776 (BTech- EE) Dipendra Kumar Misra Y9201, (BTech-CSE) Aditya Modi Y12045, (BTech-CSE)
Padma Kapoor Memorial Scholarship	Arun Kapoor (BT/ME/67)	Shafeequl Islam Y12646, (BTech- AE)

## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Pandit Balajee Govind Hardiker Memorial Scholarship	M. B. Hardiker (former staff member)	Sushant Prabhakar Chalwad Y12742, (BTech-CHE)
Prof. Girdhar Gopal Shukla Scholarship	Ashish Shukla, (MSc/MTH/97)	Daya Shankar Chauhan Y11926,(MSc2-STA)
Protima Ghosh Memorial Scholarship	Ranodeb Roy (BT/CSE/90)	Akhilesh Kumar Maurya Y12066, (BTech-EE)
Pushpa Garg Scholarship	Atul Garg (BT/EE/1979)	M. Surya Prakash Y12408, (BS-ECO)
Rajnath Singh Scholarship	Manoj Singh (BT/ME/84)	Vishwas Aggarwal Y9666, (BTech-ME)
Ram Rajendra Malhotra Education Society Scholarship	R. C. Malhotra (former Director, IITK)	Nilay Jain Y12449, (BS-ECO) Varun Kumar Y12783, (BTech-CE) Lakshay Kumar Idwal Y12377, (BTech-CHE)

## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
R and R Chari Scholarship	Rangarajan Vellamora R BT/90/ME	Karn Vohra Y10342, (BTech-CE)
Ram Prakash Chopra Scholarship	Rajeev Chopra (BTech/MSE/85) and Sandeep Chopra (BTech/EE/93)	Shivansh Awasthi Y10692, (BTech-AE)
Romesh Chandra Memorial Scholarship	Tushar Deepak Chandra (BT/CSE/88)	Shubham Tulsiani Y9574, (BTech-CSE) Shyam Upadhyay Y9579, (BTech-CSE)
Sagnik Asis Ray Scholarship	Asis Ray (BT/MME/1981)	Karthikeyan Murugesan Y9277 (BTech-BSBE)
Saraswati Singh Scholarship	Manoj K. Singh (BT/ME/1984)	Rohit Kumar Sinha, Y9493, (BTech-EE)
Sarpanch Salik Ram Katiyar Scholarship	Ranjit Singh (BT/MME/65)	Subham Chirania Y10728, (BTech-CE) Ankesh Kumar Pandey Y12117, (Btech-EE)



## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Shanti and Ramkishore Sahai Saxena Memorial Scholarship	Ashok and Madhu Saxena (BT/ME/1970)	Vipul Gupta Y11810, (BTech-EE)
Shanti Devi and Onkar Nath Maewal Scholarship	Akhilesh Maewal (BT/ME/70)	Aditi Krishn Y10039, (BTech-CSE)
Shiv Kumari Shukla Scholarship	Devendra K. Shukla (BT/CE/67)	Isha Agrawal Y11320, (BTech-EE)
Shiv Parkash and Dayawanti Sharma Memorial Scholarship	Veena Sharma and Satish Chandra Sharma (BT/CHE/66)	Dinkar Bhai Patel Y12245, (BTech-EE)
Shri D. P. Shukla Scholarship	Devendra K. Shukla (BT/CE/67)	Akshay Ranjan Y12074, (BTech-AE)
Shri Kalp Nath Singh	Manoj K. Singh (BT/ME/1984)	Prabhanshu Pavecha Y10495, (BTech-ME)

## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Smt. Jagat Kaur Memorial Scholarship	Rajiv Singh (BT/ME/88)	Krishna Kumar Chandak Y12363, (BTech-CE)
Smt. Padmavathy and Prof. R. Sankar Scholarship	R. Ram Sankar (BTech/CS/2008) and Uma Rajnam Sankar	Ram Prakash Y11983, (MSc2-PHY)
Sri Jamuna Prasad and Smt Basanti Gupta Scholarship	Mani Gupta (BT/MME/1971)	Aditya Choudhary Y12044, (BTech-MSE)
Sri Temasek@IITK Scholarship	Damodaran Murali (BT/AE/81)	Ravi Raj Y12568, (BTech-ME)
Sudarshan Kasturia Memorial Scholarship	Sanjay Kasturia (BT/EE/1981)	Kevin Jose Y12352, (BTech-ME)
Suman Gupta Scholarship	S. K. Gupta (PhD/MTH/66) and former faculty member, MTH, IITK)	Anusha Mangala Krishnan Y8118, (MSc.-MTH)

## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Steel Scholarship	B. Deo (Faculty/MSE/IITK)	Madhusudan Sharma Y9312, (BTech-MME) Ankit Karwa Y9096, (BTech-MME)
Tapan Kumar and Swapna Bandyopadhyay Scholarship	Subhajyoti Bandyopadhyay (BT/EE/91)	Siddharth Tripathi Y12719, (BTech-ME)
Tarun Sondhi Memorial Scholarship	Vipin Sondhi, brother of Late Shri Tarun Sondhi (BT/ME/78)	Ravi Ranjan Y12569, (BTech-ME)
Yasodha Yadav Scholarship	Ranjit Singh (BT/MME/65)	Dheeraj Aggarwal, Y10239, (BTech-MTech-CSE) Prashant Chawla Y12503 (BTech-EE)
Yogendra Nath and Sushma Gupta Scholarship	Mala and Ashok K. Chandra (BT/EE/69)	Rahul Mehra, Y12537 (BTech-CSE)



## *Recipients of Scholarships in 2012 - 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Steel Scholarship	B. Deo (Faculty/MSE/IITK)	Madhusudan Sharma Y9312, (BTech-MME) Ankit Karwa Y9096, (BTech-MME)
Tapan Kumar and Swapna Bandyopadhyay Scholarship	Subhajyoti Bandyopadhyay (BT/EE/91)	Siddharth Tripathi Y12719, (BTech-ME)
Tarun Sondhi Memorial Scholarship	Vipin Sondhi, brother of Late Shri Tarun Sondhi (BT/ME/78)	Ravi Ranjan Y12569, (BTech-ME)
Yasodha Yadav Scholarship	Ranjit Singh (BT/MME/65)	Dheeraj Aggarwal, Y10239, (BTech-MTech-CSE) Prashant Chawla Y12503, (BTech-EE)
Yogendra Nath and Sushma Gupta Scholarship	Mala and Ashok K. Chandra (BT/EE/69)	Rahul Mehra, Y12537 (BTech-CSE)

### *Recipients of Awards in Convocation 2013*

Name of the Scholarship	Instituted by	Recipient of the Scholarship
President's Gold Medal	IIT Kanpur	Shubham Tulsiani Y9574 (CSE)
Director's Gold Medal	IIT Kanpur	Shubham Tulsiani Y9574 (CSE)



## *Recipients of Awards in Convocation 2013*

Name of the Scholarship	Instituted by	Recipient of the Scholarship
<p>Genera Proficiency Medals (Best Academic Performance in each discipline of the Undergraduate Programme)</p>	<p>IIT Kanpur</p>	<p><b>B.Tech</b></p> <p>Gitesh Dawer, Y9233 (AE)  Jyoti Gupta, Y9265 (BSBE)  Ujjwala S. Avinaw, Y9629 (CE)  Pranjal Saxena, Y9424 (CHE)  Shubham Tulsiani, Y9574 (CSE)  Rohit Kumar Sinha, Y9493 (EE)  Vishwas Aggarwal, Y9666 (ME)  Priya Gautam, Y9440 (MME)  Abhinav Prakash, Y9020 (MME)</p> <p><b>M.Sc (Integrated)</b></p> <p>Ankur Jhavery, Y8102 (CHM)  Richa Srivastava; Y8416 (HSS)  Anusha Mangala Krishnan,  Y8118 (MTH&amp;Sci. Computing)  Sthitadhi Roy, Y8507 (PHY)  Abhimanyu Banerjee  Y8006 (PHY)</p> <p><b>M.Sc (2Years)</b></p> <p>Abhishek Koner, 11841 (CHM)  Soumyadyuti Samai, 11868 (CHM)  Deepan Chakraborty 11889 (MTH)  Archak Purkayastha, 11962 (PHY)  Sanket Bose, 11941 (STAT)</p>



## *Recipients of Awards in Convocation 2013*

Name of the Scholarship	Instituted by	Recipient of the Scholarship
General Proficiency Medals (Best Academic Performance in each discipline of the Undergraduate Programme)	IIT Kanpur	<b>B. Tech - M. Tech (Dual Degree Programme)</b>  Puneet Singh, Y8127378 (AE) Saswati Roy, Y8127455 (CHE) Sumit Bhagwani, Y8127515 (CSE) Siddharth Jain, Y8127496 (EE) Sanchit Kumar Singh, Y8127441 (ME)
Proficiency Medals (Best Project Work in each discipline of the Undergraduate Programme)	IIT Kanpur	<b>B.Tech</b> Ajinkya Subhash Desai Y9049 (AE) Sumit Verma, Y9605 (CHE) Joy Bhattacharjee, <sup>s</sup> Y8228 (CHE) Nilesh Singh, Y9377 (CE) Sakshi Goyal, Y9506 (CE) Anuja Ranjan, Y9113 (CSE) Archit Bansal, Y9129 (CSE) Pratap Bhanu Solanki, Y9429(EE) Ankit Anand, Y9092 (ME) Arihant Bhandari , Y9130 (ME) Shivam Prakash, NG ***Y9553(ME) Shivam Sharma, <sup>s</sup> Y8483 (ME) Saurabh Verma, <sup>s</sup> Y8463 (ME) Damai Sai Krishna <sup>s</sup> Y8183(ME) Ramanand Meena, <sup>s</sup> Y8402 (ME) Aviral A. Vaid, Y9158 (MME) Raja Choudhary, Y9462 (MME) Karthikeyan M, Y9277 (BSBE)

## *Recipients of Awards in Convocation 2013*

Name of the Scholarship	Instituted by	Recipient of the Scholarship
Proficiency Medals (Best Project Work in each discipline of the Undergraduate Programme)	IIT Kanpur	<b>M.Sc (Integrated)</b> Kokil Jain, Y8250 (CHM) Aavishkar Apoorva Patel Y8002 (PHY) Tanya Mendiratta, Y8528 (HSS) Richa Srivastava, Y8416 (HSS) Anusha Mangla Krishnan Y8118 (MTH&Sc.Computing) Vidur Goel Y8559 (MTH&Sc.Computing) Abhishek Singh, NG ***Y8032 (MTH&Sc.Computing) Prashant Bafna, Y8355 (MTH&Sc.Computing) Saurav Yashaswee, Y8464 (MTH & Sc.Computing) Shrey Verma, Y8488 (MTH & Sc.Computing) Soumya Ranjan Panda, Y8503 (MTH & Sc.Computing)



## *Recipients of Awards in Convocation 2013*

Name of the Scholarship	Instituted by	Recipient of the Scholarship
Proficiency Medals (Best Project Work in each discipline of the Undergraduate Programme)	IIT Kanpur	<b>M.Sc (2Years)</b> Manas Mondal, 11851 (CHM) Subhash Singha, NG ***11996 (PHY) Neeraj Singh, 11980 (PHY)

\*\*\* & NG means not graduating in 2013 Recommended for in-principle approval of the award.

<sup>s</sup>Proficiency Award was approved in 2012. Graduating in 2013.

IIT Kanpur Excellence Award for Leadership in Students' Affairs	IIT Kanpur	Pranay Shetty, Y8349 (HSS) Aditya Gupta Y8127036 (CSE) Subhojit Ghosh, Y9599 (ME) Yuvraj Singh Dhillon Y9674 (CSE)
IIT Kanpur Excellence Award in Art and Cultural Activities	IIT Kanpur	Ajinkya Subhash Desai, Y9049 (AE)





## *Recipients of Awards in Convocation 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
IIT Kanpur Excellence Award in Community Services	IIT Kanpur	Saswati Roy Y8127455 (CHE) Ankit Gupta Y8127086 (CE)
Banco Foundation Prize (Best Academic Performance in the BTech Programme in Mechanical Engineering)	Banco Foundation	Vishwas Aggarwal, Y9666 (ME)
Batra Gold Medal (Best Academic Performance in Materials and Metallurgical Engineering)	1967 Batch	Priya Gautam, Y9440 (MME)
Best Software Award	Pankaj Jalote (BT/EE/80) and former faculty member, CSE, IITK	Asheshh Agrawal, Y8127139 (CSE)
Bhagwani Devi Maheshwari Gold Medal (for the girl student with outstanding all-round performance, academic excellence, social awareness, extra-curricular activities and leadership qualities in the graduating class among all disciplines of the Undergraduate programme)	S. N. Maheshwari (faculty member IITD)	Nikita Jaipuria, Y9376 (ME)

## *Recipients of Awards in Convocation 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Binay Kumar Sinha Award (For executing a project that solves a problem affecting the common people)	Suyash Sinha (MT/CSE/1998)	Ankit Anand, Y9092 (ME) Arihant Bhandari Y9130 (ME) Shivam Prakash NG***Y9553 (ME) Shivam Sharma, <sup>s</sup> Y8483 (ME)

<sup>s</sup>Binay Kumar Sinha Award was approved in 2012. Graduating in 2013  
\*\*\* & NG means not graduating in 2013 Recommended for in-principle approval of the award.

Cadence Gold Medal (Best M.Tech thesis in any of the Engineering Departments)	Cadence Design Systems (India) Pvt. Ltd.	Tanmoy Chatterjee, Y11105096 (ME)
Cadence Silver Medal (Best M.Tech thesis in any of the Computer Science and Engineering)	Cadence Design Systems (India) Pvt. Ltd.	Parul Agarwal, Y8127337 (CSE)
Dr. Shanker Dayal Sharma Medal (Best all round MTech/PhD student for general proficiency including character, conduct and excellence in academic performance, extracurricular activities and social service)	Vimla Sharma (wife of former President of India, Dr. Shanker Dayal Sharma)	Karthick K. N, Y11101021 (AE)

## *Recipients of Awards in Convocation 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Dr. S. D. Bokil Memorial Medal (Best academic performance in the graduating MTech class in Environmental Engineering and Management)	Civil Engineering Department IITK	Mariya Ahsan, Y11117014 (EEM)
IEEE/PEDES'96 Award (Best performance in the area of power and electronics and drives in Electrical Engineering)	S. S. Murthy (Faculty member, IITD)	Jinia Roy, Y11104043 (EE)
Mars G. Fontana Prize (Best performance in the subject of corrosion in the BTech Programme in Materials and Metallurgical Engineering)	Mars G. Fontana	Sisle Swapnil Mahadeo, Y9586 (MME)





## *Recipients of Awards in Convocation 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Mehta M. Tech. Gold Medal Award (Best academic performance in M.Tech in Mechanical Engineering)	Gurmukh D. Mehta (MT/ME/69)	Rasal Saurabh Sanjay Y11105060 (ME) Tanmoy Chatterjee Y11105096 (ME)
Mrs. and Mr. S. N. Mittal (For excellent all-round performance in the graduating class of MBA programme)	A. K. Mittal (faculty member, IME, IITK)	Alok Jain Y11125004 (IME-MBA)
Prof. Adidam Sri Ranga Sai Memorial Gold Medal (Best academic performance in MTech in Civil Engineering, with specialization in Structural Engineering)	Sudhir Misra (BT/CE/81) and his batch mates	Mohd. Mujtaba Atif Y11103030 (CE)



## *Recipients of Awards in Convocation 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Prof. Adidam Sri Ranga Sai Memorial Medal (Outstanding all round achievement amongst students graduating in BTech programme in Civil Engineering)	Janaki Jayanthi Adidam (wife of late Prof. A. S. R. Sai, faculty member, CE, IITK)	Ujjwala S. Avinaw, Y9629 (CE)
Prof. Bal Deva Upadhyaya Memorial Gold Medal (Best MTech thesis in Physical Metallurgy including Materials Processing in Materials and Metallurgical Engineering)	G. S. Upadhyaya (former faculty member, MSE)	Kandala S. Ramakrishna, Y10106009 (MSE)
Prof. Vijay Mahajan Gold Medal (Best academic performance in the graduating class in Industrial Management and Engineering, MBA Programme)	Vijay Mahajan (BT/CHE/70)	Ankit Narula, Y11125006 (IME-MBA)
Ratan Swarup Memorial Prize (Best all round student graduating in BTech/MSc – Integrated)	Ratan Swarup	Pranjal Saxena, Y9424 (CHE)

## *Recipients of Awards in Convocation 2013*

<b>Name of the Scholarship</b>	<b>Instituted by</b>	<b>Recipient of the Scholarship</b>
Sangeeta Pradhan Memorial Medal (Outstanding all round achievement among students of MSc (2 Year) Programmes)	Anil Kumar Pradhan (former staff member)	Deepan Chakraborty, Y11889 (MTH)
Tata Consultancy Services Award (for undergraduate project work)	Tata Consultancy Services	Hanumanthu Kodas, NG***Y9241 (CSE); Sanjay Kumar Jatav, NG***Y9514 (CSE)

# Annual Gift Program

## Activities Supported by the Annual Gift Programme

**Summer Undergraduate Research Grant for Excellence (SURGE):** IIT Kanpur runs a ten week programme called the Summer Undergraduate Research Grant for Excellence (SURGE) during the summer semester every year. The program aims to promote a culture of research amongst undergraduate students of not just IIT Kanpur but also of other academic institutes in the country. Students from all over the country are invited to participate in this summer research program and they are mentored by IIT Kanpur faculty members. An important part of this activity is the student exchange program carried out in collaboration with some leading universities of the world. IITK students go for a ten week period to do research work in these universities, and their students come to IIT Kanpur to participate in SURGE. Currently, the universities participating in the program are Ecole Centrale and University of Melbourne. So far 476 students and 374 faculty members have participated in the program. A major part of the expenses of the program are covered through donations received under AGP.

**International Travel Support to Students:** Students are encouraged to write high quality papers for important conferences, and are also encouraged to participate in these events. Partial financial support is provided to them towards travel, registration and other expenses. In 2012–2013, 155 students received support to attend international conferences. During the last eight years 761 students have received this support. For details, please visit: <http://www.iitk.ac.in/drpg/studentwelfare.htm>

**Cash Awards to students for journal publications:** A student publishing a paper in any journal listed by the ISI Web of Science receives a cash award of Rs. 10,000. In 2012–2013, 147 students received cash awards for publishing papers in such journals. During the last eight years 1089 students have received cash awards.

**FM Radio:** During the Golden Jubilee year of IIT Kanpur, FM Radio station was launched for academic purpose in the campus. To run the establishment of the Radio Station, AGP aids this venture with partial financial support.

**Opportunity College community service project:** The Opportunity College community service project was started in December 2006, which involves free of cost teaching of vocational and personal skills to unemployed graduates/under-graduate youth living in and around IITK. The sessions are arranged by IITK students and IITK community members on part time basis. Many students who received training here have got selected/employed in profound institutions like Indian Air Force, U.P police. The project is partially funded from AGP Fund.

**Schools in campus:** The AGP Fund also provides partial financial aids to 'schools' located within the campus. There are two Institute's schools: Kislaya and Campus School where the wards of faculty and staff members are offered with pre-primary and primary education. Apart from this, there is the Opportunity School, established for the education of the wards of underprivileged staff working in IITK campus.



# *Alumni Contact Program*

To increase the involvement of alumni with the Institute, this programme was started during the year 2006 wherein undergraduate students call the alumni, brief them about the developments at the Institute and seek their participation through donations and otherwise.

The Alumni Contact Program aims to increase the involvement of Alumni with their alma mater. In this program a team of students calls the alumni of IITK all across the world, briefs them about recent developments and happenings in the campus and seeks their participation. Non-monetary contributions like conducting workshops and seminars or offering internships are also encouraged. As a result the large number of small donations made by the alumni have already amounted to a substantial sum which partially supports a number of activities like SURGE, filing of patents, travel support for students and faculty for attending conferences and cash awards to students for publishing in high quality journals. The program was started with less than 5 students and in just six years this number has reached 75. Alumni of IIT Kanpur are very resourceful people and they are highly concerned about the overall development of the institute. The Alumni Contact Program provides them with a useful platform to air their views. Here, their suggestions are valued and their donations are put to the best use.

The initiative of this program has been very well received both by the alumni and the students. It has enabled many alumni to reconnect with their alma mater, many have contributed financially small and large sums, and some have associated with IITK in a professional manner as a result of this programme. The students find it as an excellent opportunity to improve communication skills and leadership qualities. The program also provides a great opportunity to students in the team to build long term relationships at a personal level and at the same time to network with alumni at the institute level. Besides increasing confidence and improving communication skills, they also get to talk to people who have already lived the life of an IITian.







IITK Main Stadium- Photo courtesy Late Dr. Anupam Pal



# *Summer Undergraduate Research Grant for Excellence (SURGE)*



**Summer Undergraduate Research Grant for Excellence (SURGE) at IIT Kanpur** has been very popular amongst students; it provides them access to some of the finest research facilities under personal mentoring by leading faculty members. Applications for SURGE were invited from 147 institutes across the country. About 2700 applications were received for SURGE 2012, a clear indication of its increasing popularity. Out of these 63 students were selected for participating in the SURGE program. Since most applications came with excellent research proposals, the committee had a hard time making a selection. There were 53 IIT Kanpur faculty mentors and the team worked hard to ensure that the core of our academic and research endeavors would remain strong in spite of the higher numbers.

At the end of the program each participant was required to make a poster presentation which was evaluated by at least three faculty mentors. The abstracts of all the research projects done during SURGE 2012 are available at:

The success of this program has been possible due to the hard work of the student participants, the enthusiastic and dedicated mentoring by faculty members, the excellent infrastructure of the institute, the service provided by staff members and the generous financial support by our illustrious alumni specially the batch of 1977 and 1980. It develops the agenda of undergraduate research and promotes a culture of research and interdisciplinary education in the new generation. It promotes self-discovery, helps to bridge the gap between the class-room and the real world, and leads to the social, professional and educational development of the student. Undergraduate research at IIT Kanpur presents opportunities for students to do research under the mentorship of senior researchers at the frontiers of engineering and science.





## *IITK Foundation Board*

The IITK Foundation is a volunteer, not-for-profit, organization dedicated to the betterment of IIT Kanpur by mobilizing its alumni and raising funds. It is a U.S. based organization with 12 Board members and an executive committee of five officers (Chairman, President, Vice President, CFO, and Secretary). The IITK Director, the Dean of Resources and Alumni (DORA) and the President of IITK Alumni Association are the permanent invitees to the Foundation meetings and events. The IITK Foundation is the sole channel of fund-raising from IITK alumni in the USA. The chairman or a designated board member is a permanent invitee to the IITK Alumni Association Board meetings. In addition to the board of directors, the foundation has an advisory committee consisting of prominent alumni

### The Foundation Board Directors :

Akshai Runchal is Chairman of the IITK Foundation. He joined the foundation in 2008 and has been instrumental in initiating the IITK industry alliance program. He is an internationally known expert in Computational Fluid Dynamics (CFD). Akshai received his Ph.D. from Imperial College, London (UK, 1969) and a Bachelor of Engineering with Honors from PEC (Chandigarh, India, 1964). He has taught and guided research students at I.I.T. (Kanpur), UCLA (Los Angeles), Cal Tech (Pasadena), Imperial College (London) and CSU (Northridge).



Anand Jagannathan is President of the IITK Foundation. He joined the IITK foundation in 2011 and is leading the effort of creating an IITK Entrepreneurial Advisory Group. Anand is an experienced serial entrepreneur who has founded four companies and is launching his fifth company, Newzstand. He is the founding CEO of Responsys Inc, a company that went public (MKTG) in 2011. Anand also co-founded Banyan Systems, a worldwide leader in enterprise networking which was publicly traded as BNYN, then spun off as EPRE and SWBD.

Rajendra Bordia is Vice President of the IITK Foundation. He joined the IITK Foundation in 2011 and is leading the effort on the IITK Academic and Research Network. He is currently a Professor and has been a faculty member in the Materials Science and Engineering Department at the University of Washington, Seattle since 1991. From 1998 to 2005, he was the Chair of his Department. Prior to his academic career, he was a Research Scientist in CR&D of DuPont Co. (1986 to 1991). He received his M.S. (1981) and Ph.D. (1986) from Cornell University, Ithaca, NY.



Shum Mukherjee is CFO of the IITK Foundation. He is an alumnus of IIT Kanpur and MIT Sloan School, and has served as CFO, VP Finance and Controller for many public and private companies such as Immersion Corporation, OpenTV Corporation, Genus Inc. etc. Presently, He is CFO and Advisory Board Member at Droisys Corporation.



Rakesh Sharma joined the IITK Foundation in 2011 and is responsible for fund-raising activities. Rakesh worked as a financial analyst at MET for many years before opening his own company. Among his friends, Rakesh is known for his two loves – IITK and astrology. He has been organizing Astrology and Palmistry seminars at Arsha Vidya Gurukulam, PA for last 15 years. He has read the palms of many famous people.

Salil Dave joined the foundation in 2011. He is a Senior Director in the Microsoft IT Global Strategic Initiatives team. In his 25 year career he has covered a range of industries and roles, including a decade at Microsoft, 6 years at supply chain software pioneer i2 Technologies, and 5 years at the Indian Revenue Service. He has an MBA from the Indian Institute of Management Ahmedabad, and an MPA from Harvard University.



Anil Bansal, is one of the founders of Indus American Bank and has played a leading role in its development since inception. He has been active in the South Asian business community and is presently President of Asian Indian Chamber of Commerce. An alumnus of IIT Kanpur (B.Tech), University of Notre Dame (M.S. Materials Science) and Syracuse University (MBA), Mr. Bansal worked with numerous institutions in the US before embarking on setting up his own businesses. He has led successful computer and real estate companies and his interests include investments in the restaurant business. He is presently CEO of First National Corporation, a real estate investment and management company and Chairman of vSplash, an international web design and development company.

The two permanent invitees to the IITK Foundation Board are



Professor Indranil Manna  
Director, IIT Kanpur



Professor Prabhat Munshi  
Dean R&A, IIT Kanpur





**Computer Science and Engineering**



**Park 67**



**Tinkering Lab**



**Squash Court**



**Planetarium**



**Badminton Court**

*Thank you!!!*

for your support as well as your trust.  
Your continued support and loyalty will  
always be truly appreciated.



**Environmental Science and Engineering**



**Industrial Management and Engineering**



**Biological Sciences and Bioengineering**



**Outreach**



# *list of Donors*

*Alumni Rs. 4,00,000/- to 19,99,999/-*

Kamalesh Dutta Dwivedi	BT/EE/1979	Greenwood Village CO, USA
Rishi Kapoor	BT/EE/1988	Manama, Bahrain
Vellamore R. Rangarajan	BT/ME/1990	Chennai
Santosh Mehra	BT/EE/1966	Ann Arbor, MI, USA
Jagjeet Singh Bindra	BT/CHE/1969	Dallas, TX, USA
Sudhir Mohan Mittal	BT/CHE/1970	Ghaziabad
Sandeep Agarwal	BT/CHE/1988	London, UK
Piyush Keshri	BT/EE/2009	Milpitas, CA, USA
Ashok Singhal	BT/EE/1983	Fremont, CA, USA
Dinesh Katiyar	BT/CSE/1988	Saratoga, CA, USA
Anil Kumar Singh	BT/AE/1970	Lucknow
Anurag Srivastava	BT/EE/1988	Singapore
Ashutosh Sinha	BT/EE/1988	Singapore
Kesav Vithal Nori	MT/EE/1970	Hyderabad
Manish Joshi	BT/CHE/1988	Ras Al Khaimah, UAE



## *Alumni*

*Rs. 4,00,000/- to 19,99,999/-*

Naresh Chand Gupta	BT/CSE/1988	Noida
Navin Budhiraja	BT/CSE/1988	Palo Alto, CA, USA
Prakash Mohan	BT/CHE/1988	Manama, Bahrain
Subrata Mitra	BT/CSE/1988	Bangalore

*Rs. 1,00,000/- to 3,99,999/-*

Bogineni Chenchu Ramanaidu	MT/MSP/1982	Hillsborough, NJ, USA
Satya Pal Singh Chauhan	BT/CHE/1968	Columbus, OH, USA
Tushar Deepak Chandra	BT/CSE/1988	Los Altos, CA, USA
Ruchita Parat	BT/EE/1988	Palo Alto, CA, USA
Uday Dube	BT/CE/1989	Melbourne, Australia
Mohit Oberai	BT/CHE/1986	Appleton, WI, USA
Sanjai Tiwari	BT/CE/1988	Menlo Park, CA, USA
Anupam Saronwala	BT/EE/1980	New Delhi
Puneet Prakash	MSC5/MTH/1992	Richmond, VA, USA
Rahul Joshi	BT/EE/1988	New Delhi

*Rs. 1,00,000/- to 3,99,999/-*

Virendra Makker	BT/MME/1965	Santa Rosa, CA, USA
Balu Sarma	BT/MME/1987	Bangalore
Harjinder Singh	BT/MME/1987	Navi Mumbai
Jyoti Swarup	BT/ME/1987	Pune
Srikant V. Sastri	BT/CHE/1983	New Delhi
Mukesh Maheshwari	BT/CHE/1987	Jodhpur
Rajeev Chopra	BT/MME/1985	New Delhi
Sandeep Chopra	BT/EE/1993	New Delhi
Satish Chandra Gupta	BT/EE/1977	New York, NY, USA
Probhat Kapur	BT/CHE/1986	Randolph, NJ, USA

## *Alumni*

*Rs. 1,00,000/- to 3,99,999/-*

Manish Chandra	BT/CSE/1987	Fremont, CA, USA
Shabbir Yusuf	BT/EE/1987	Ontario, Canada
Mohit Bhatnagar	BT/MME/1988	Sunnyvale, CA, USA
Umang Gupta	BT/CHE/1971	San Mateo, CA, USA
Pratap Narain Misra	BT/ME/1965	Sudbury, MA, USA
Sudhanshu Bahadur	BT/ME/1988	Cupertino, CA, USA
Vivek Kashinath Gore	BT/CSE/1987	Germantown, MD, USA
Rajiv Roy	BT/EE/1979	Dallas, TX, USA
Ratan Deep Bhagat	BT/EE/1977	Memphis, TN, USA
Amit Kumar Lohia	BT/EE/1985	Kanpur



## *Alumni*

*Rs. 1,00,000/- to 3,99,999/-*

Amit Kanudia	BT/ME/1989	Noida
Gautam Khanna	BT/ME/1988	Gurgaon
Himanshu Chakrawarti	BT/MME/1989	Mumbai
Muneesh Chawla	BT/MME/1987	Gurgaon
N. Satyanarayana Murthy	BT/ME/1988	Singapore
P. Venkatshankar	BT/EE/1988	Chennai
Pradip	BT/MME/1975	Pune
Praveen Gupta	BT/EE/1977	Gurgaon
Ranjan Jain	BT/ME/1988	New Delhi
Srinath Mukerji	BT/EE/1983	Gurgaon
Vivek Bhagwat	BT/ME/1987	Pune

*Rs. 20,000/- to 99,999/-*

Ravinder Kumar Sakhuja	BT/ME/1966	Lexington, MA, USA
Sumant Pathak	MT/AE/1971	Bangalore
Rajeev Bhargava	BT/ME/1968	Anchorage, Alaska, USA



## *Alumni*

*Rs. 20,000/- to 99,999/-*

Arup Kumar Mukherjee	BT/EE/1976	Pensacola, FL, USA
Jacob Thomas	BT/CHE/1985	Houston, TX, USA
Sanjay Kasturia	BT/EE/1981	Los Altos Hills, CA, USA
Vivek Mehrotra	BT/MME/1987	St. Louis, MO, USA
George Joy	BT/EE/1987	Kirkland, WA, USA
Ashok Vasant Dandekar	BT/ME/1975	Plano, TX, USA
Alind Sahay	BT/ME/1987	Ann Arbor, MI, USA
Anil Kumar Jha	BT/CSE/1984	Lisle, IL, USA
Anup Som	BT/AE/1987	Berkeley, CA, USA
Chulanur Parameswar Ramakrishnan	BT/EE/1975	Saratoga, CA, USA
Manoj Kumar Das	BT/CSE/1993	Fremont, CA, USA
Ram Behari Misra	BT/ME/1968	Montville, NJ, USA
Vinay Kumar Agarwala	BT/ME/1969	Safety Harbor, FL, USA
Samir Bhargava	BT/ME/1988	Coppel, TX, USA
Manasvi Srivastava	BT/CHE/1989	New Delhi

*Rs. 20,000/- to 99,999/-*

Pramit Agarwal	BT/MME/1987	Kanpur
Anurag Srivastava	BT/ME/1988	Bangalore
Dheeraj Gupta	BT/EE/1984	Macquarie Park, NSW Australia
Gour Prasad Mishra	BT/EE/1985	Mumbai
Lalit Gulati	BT/ME/1977	Dallas, TX, USA
Manju Kant Thareja	BT/ME/1988	Pune
Mukul Goyal	BT/MME/1987	Gurgaon
Nishith Mohan	BT/ME/1988	Mumbai
Pankaj Mathur	BT/CHE/1988	Pune
Sanat Agrawal	BT/ME/1988	Guna



## *Alumni*

*Rs. 20,000/- to 99,999/-*

Sanjay Bhargava	BT/CHE/1986	Mumbai
Sanjeev Narain	BT/CHE/1987	Kanpur
Shikha Rai Gupta	BT/ME/1988	Gurgaon
Asish K. Xavier	BT/CHE/1991	West Windsor, NJ, USA
Anil Bansal	BT/MME/1977	Wayne, NJ, USA
Chanchal Chatterjee	BT/EE/1983	Encinitas, CA, USA
Dhanraj K Chokappa	BT/CHE/1982	Bangalore
Bhupendra Nath Tandon	BT/EE/1976	Springfield, VA, USA
Chandra Shekhar Nath	BT/EE/2000	Los Altos, CA, USA
Md Moin Iftekhar	BT/CE/1987	Deptford, NJ, USA



*Rs. 20,000/- to 99,999/-*

Ranavir Bose	BT/EE/1975	Plano, TX, USA
Sudhir Kumar Sinha	PhD/CHM/1972	Metairie, LA, USA
Vineet Gupta	BT/CSE/1989	Palo Alto, CA, USA
Mohan Goil	BT/ME/1977	Caldwell, NJ, USA
Aurobind Satpathy	BT/MME/1992	Chicago, IL, USA
Brij Raj Mohal	BT/MME/1982	Kendall Park, NJ, USA
Dhairya Srivastava	BT/ME/1985	Los Altos, CA, USA
Rakesh Kumar Tripathi	BT/MME/1988	Irvine, CA, USA
Ratna Sarkar	BT/EE/1981	Houston, TX, USA
Roli Garg Wendorf	BT/EE/1976	Cortlandt Manor, NY, USA
Subroto Kumar Basu	BT/ME/1977	Cincinnati, OH, USA
Vivek Sarkar	BT/EE/1981	Houston, TX, USA
Ajoy Kumar	BT/EE/1988	Kolkatta
Abninder Pal Harish	BT/CHE/1970	Gurgaon
Gagan Kumar	BT/EE/1988	Bangalore

## *Alumni*

*Rs. 20,000/- to 99,999/-*

Kirit Babulal Shah	BT/CHE/1972	Mumbai
Sharad Chandra Seth	MT/EE/1966	Lincoln, NE, USA
Prashant Narayan Athalye	BT/EE/1989	Mumbai
Rajiv Bhargava	BT/CE/1988	New Delhi
Sudhir Govindlal Mody	BT/EE/1989	Mumbai
Surinder Singh Sahota	BT/CE/1966	Surrey BC, Canada
Vikas Chandra	BT/ME/1977	Noida
Vinai Kumar Gupta	BT/MME/1969	Ranchi
Viresh Kumar Singh	BT/CE/1988	Roorkee
Vivek Ramesh Naik	BT/MME/1982	Navi Mumbai
Madan Gopal Agarwal	BT/ME/1974	Saharanpur
Suresh Chandra Bazaj	MSC2/PHY/1971	Fremont, CA, USA
Vinay Kumar Singh	BT/CHE/1992	Gurgaon
Madanapalli K. Sridhar	MT/MSP/1976	Bangalore
Pratyush Kumar Prasoon	BT/EE/1999	Noida

*Rs. 20,000/- to 99,999/-*

Ranjan Kumar	BT/ME/1986	Edison, NJ, USA
Sudhi Raj Verma	BT/CHE/1986	Lucknow
Vivek	BT/MME/1991	Bangalore

*Rs. 4,000/- to 19,999/-*

Garima Joshi	BT/MME/2008	Stafford, TX, USA
George Mathew Paily	MSC5/PHY/2005	State College, PA, USA
Kavery Muthana	BT/EE/1970	Chillicothe, OH, USA
Kolandayan Chinnapan	BT/ME/1983	York, PA, USA
Manavendra Misra	BT/EE/1987	Golden, CO, USA
Shankar Gopal Krishnan Iyer	BT/EE/1982	Cupertino, CA, USA





## *Alumni*

*Rs. 4,000/- to 19,999/-*

Hemant Kumar	BT/EE/1977	New Delhi
Prakash Kumar Rath	MSC2/PHY/1982	Ahmedabad
Prashasta Seth	BT/MME/1997	Mumbai
Tushar Singh	BT/CHE/1994	Gurgaon
Ashish Bhatia	BT/ME/2004	Batesville, IN, USA
Venkata Bhavani Shankar Goda	MT/EE/2002	Munich, Bavaria, Germany
Saket Saurabh	BT/CSE/1999	San Bruno, CA, USA
Sayandev Chatterjee	MSC2/CHM/2003	Richland, WA, USA
Anshu Gaur	MT/MME/2001	Santa Clara, CA, USA
Ravi Jain	BT/CHE/1978	Bridgewater, NJ, USA



*Rs. 20,000/- to 99,999/-*

Ranjan Kumar	BT/ME/1986	Edison, NJ, USA
Sudhi Raj Verma	BT/CHE/1986	Lucknow
Vivek	BT/MME/1991	Bangalore

*Rs. 4,000/- to 19,999/-*

Garima Joshi	BT/MME/2008	Stafford, TX, USA
George Mathew Paily	MSC5/PHY/2005	State College, PA, USA
Kavery Muthana	BT/EE/1970	Chillicothe, OH, USA
Kolandayan Chinnapan	BT/ME/1983	York, PA, USA
Manavendra Misra	BT/EE/1987	Golden, CO, USA
Shankar Gopal Krishnan Iyer	BT/EE/1982	Cupertino, CA, USA



## *Alumni*

*Rs. 4,000/- to 19,999/-*

Hemant Kumar	BT/EE/1977	New Delhi
Prakash Kumar Rath	MSC2/PHY/1982	Ahmedabad
Prashasta Seth	BT/MME/1997	Mumbai
Tushar Singh	BT/CHE/1994	Gurgaon
Ashish Bhatia	BT/ME/2004	Batesville, IN, USA
Venkata Bhavani Shankar Goda	MT/EE/2002	Munich, Bavaria, Germany
Saket Saurabh	BT/CSE/1999	San Bruno, CA, USA
Sayandev Chatterjee	MSC2/CHM/2003	Richland, WA, USA
Anshu Gaur	MT/MME/2001	Santa Clara, CA, USA
Ravi Jain	BT/CHE/1978	Bridgewater, NJ, USA





*Rs. 4,000/- to 19,999/-*

Nusrat Hasan	BT/ME/1994	Santa Clara, CA, USA
Abhinandan Jain	BT/EE/1978	Arcadia, CA, USA
Anil Nerurkar	BT/EE/1977	Wayne, NJ, USA
Ciriyam Jayaprakash	MSC2/PHY/1973	Columbus, OH, USA
Piyush Gupta	BT/EE/1979	Cupertino, CA, USA
Sudarshan Murty	MT/CSE/1990	Plainsboro, NJ, USA
Dinesh Gupta	BT/AE/1968	Arlington, MA, USA
Piyush Srivastava	BT/CSE/2009	Berkeley, CA, USA
Vijay Kumar	BT/ME/1987	Kolkata
Ashok Kapoor	BT/EE/1973	Palo Alto, CA, USA
Bappaditya Samanta	MSC2/CHM/2004	Beaverton, OR, USA
Khageshwar Thakur	MSC2/PHY/1999	Lexington, KY, USA
Alok Kumar	BT/AE/1987	New Delhi
Rakesh Kumar Mittal	MT/CHE/1985	Dibiyapur, Auraiya
Akshat Jain	BT/CHE/2005	San Jose, CA, USA

## *Alumni*

*Rs. 4,000/- to 19,999/-*

Krishnan Mohan Nagpal	BT/CHE/1982	Chappaqua, NY, USA
Vijay Kumar Venkatraman	BT/ME/1973	Sunnyvale, CA, USA
Anindya De	BT/CSE/2008	Berkeley, CA, USA
Rajesh Arora	BT/EE/1989	Sugar Land, TX, USA
Krishnaswamy Srinivasan	BT/AE/1970	Columbus, OH, USA
Mohit Mittal	BT/EE/1996	Monroe Twp, NJ, USA
Rajiv Bhatnagar	BT/ME/1976	Acton, MA, USA
Ravi Teja Kotamraju	BT/EE/2005	Sunnyvale, CA, USA
Shakti Gupta	BT/CHE/1999	San Diego, CA, USA
Sunder Singhani	BT/EE/1986	Westford, MA, USA
T. Lakshmi Viswanathan	PHD/EE/1971	Austin, TX, USA
Tapas De	PHD/CHM/1989	Culver City, CA, USA
Vivek Ranjan	MSC5/MTH/1997	Robbinsville, NJ, USA
Ashok Gupta	BT/ME/ 1972	Athens, OH, USA
Pradeep Kumar Jain	BT/ME/1979	Los Angeles, CA, USA

*Rs. 4,000/- to 19,999/-*

Abul Aziz M.R Selod	BT/ MME/1975	Mumbai
Akshay Sharma	MT/CE/1987	New Delhi
Alok Agrawal	BT/AE/1987	Gurgaon
Anupam Kumar Garg	BT/EE/1982	Noida
Arnab Rai Choudhuri	MSC2/PHY/1980	Bangalore
Arun Singhal	MT/EE/1987	New Delhi
C L Nagendra	MT/MSP/1976	Bangalore
Chandra Bhushan	BT/CE/2001	Fategarh
Chandravir Saran Das	BT/MME/1977	Chennai
Deepak Sharma	MSC5/MTH/2001	Noida

# 1988 Batch Squash Courts

Contributed by

**Shiv & Uma Kapoor (parents of Rishi)**



## *Alumni*

*Rs. 4,000/- to 19,999/-*

E Girish Chandra	MT/CSE/1983	Bangalore
Ekta Sinha	BT/ME/1987	Jamshedpur
Haripada Satpathi	PHD/EE/1982	Durgapur
Hemant Gupta	BT/EE/1980	Jaipur
Johnson John M	MT/CHE/1992	Abu Dhabi, UAE
Kaushal Kishore Anand	BT/ME/1985	Nashik
Manish Prakash	BT/CE/1997	Bangalore
Mrinal Kumar Bandyopadhyay	MT/CHE/1984	Howrah
Narendra Kumar Ambwani	BT/EE/1970	Mumbai
Neeraj Kumar Bansal	BT/ME/1991	Ghaziabad



*Rs. 4,000/- to 19,999/-*

Neeraj Kumar	BT/CE/1991	Noida
Niranjan Lal Agarwala	BT/CHE/1981	Asansol
Pankaj Srivastava	BT/CE/1984	Noida
Pawan Goenka	BT/ME/1975	Mumbai
Rajendra H Shah	BT/CHE/1974	Mumbai
Rakesh Rawal	BT/ME/1978	Bangalore
Ramniklal Gangji Shah	BT/EE/1974	Mumbai
Ravinder Nath	PhD/EE/2007	Hamirpur
Ravindra Janardan Ranade	BT/EE/1976	Pune
Sandeep Khurana	BT/EE/1985	Faridabad
Sanjay Joshi	MT/EE/1996	Sangli
Suresh Savalarm Kulkarni	MT/CE/1969	Nagpur
Suresh Dattatraya Haridas	MT/EE/1970	Thane
Syed Javeed Ahmed	BT/CE/1976	Hyderabad
Tarun Desai	BT/CHE/1978	Mumbai

## Alumni

Rs. 4,000/- to 19,999/-

Ulhas Madhusudan Ghare	BT/CHE/1975	Pune
Venkata Naga Ramana Kumar	MBA/IME/2003	Guntur
Venkataramana Runkana	MT/CHE/1991	Pune
Vibhor Jain	BT-MT(Dual)/EE/2007	Vermont, VT, USA
Vineeth Kumar Paleri	MT/CSE/1986	Calicut
Yudhvir Singh Parmar	MSC5/PHY/1988	Noida
Mukesh Kumar Khattar	BT/ME/1972	San Jose, CA, USA
Sayandev Mukherjee	BT/EE/1991	Santa Clara, CA, USA
Ashutosh Pratap Singh	BT/MME/1999	Charlotte, NC, USA
Umesh Ratnam	BT/CHE/1985	Fullerton, CA, USA
Neha Sugandh	BT/CSE/2006	Jersey City, NJ, USA
Vikrant Vasant Joshi	MT/CE/1987	Katy, TX, USA
Arepalli Sivaram	PHD/PHY/1978	Houston, TX, USA
Vikas Gupta	BT/MME/1992	San Francisco, CA, USA
Shyamalendu Mohapatra	BT/ME/1990	Bangalore

*Rs. 4,000/- to 19,999/-*

Siddhartha Shankar Roy	BT/CHE/1995	Bangalore
Vineet Singh Rajput	MT/CSE/1984	Naperville, IL, USA
Rajagopal Chattopadhyaya	MSC5/CHM/1980	Kolkata
Ravindra Mathur	BT/ME/1972	Noida
Satya Ranjan Kumar Das	BT/ME/1999	Ghaziabad
Anand Jagannathan	BT/EE/1974	San Jose, CA, USA
Atul Kumar Goyal	BT/ME/1980	Frederick, MD, USA
Rajinder Mohindra	BT/ME/1965	Campbell, CA, USA
Abhay Bhushan	BT/EE/1965	Palo Alto, CA, USA
Anil Kumar Bhala	BT/ME/1973	Naperville, IL, USA



## *Alumni*

*Rs. 4,000/- to 19,999/-*

Shriman Anupam Bagchi	BT/ME/1985	San Jose, CA, USA
Ashok Jain	BT/CHE/1969	Gainesville, FL, USA
Asim Shankar	BT/CSE/2003	Mountain View, CA, USA
Koripella Ramesh Chowdary	MT/MME/1981	Albuquerque, NM, USA
Deven Shah	MSC5/STAT/1991	Kensington, MD, USA
Nameeta Shah	MT/CSE/2001	Bellevue, WA, USA
Nitin Garg	BT/CHE/1995	Milpitas, CA, USA
Pratyusa Kumar Manadhata	BT/CSE/2001	Piscataway, NJ, USA
Ritesh Gupta	BT/ME/1996	Richmond, VA, USA
Sharad Kumar	BT/CHE/1980	Triangle, VA, USA

*Rs. 4,000/- to 19,999/-*

Srinivas Gardas	MT/CHE/2001	Schaumburg, IL, USA
Vaibhav Tripathi	BT/MME/2006	Lucknow
Ashok Kumar Shah	MT/EE/1970	Ahmedabad
Amit	BT/ME/1999	Redmond, WA, USA
Himanshu Khatri	BT/EE/2002	San Diego, CA, USA
Kasturi Iyer	BT/ME/1978	Kendall, NJ, USA
Rajendra Singh Mehta	MT/EE/1972	South Setauket, NY, USA
Aparna Gupta	MSC5/MTH/1994	Latham, NY, USA
Arti Gupta	MSC2/STAT/1985	San Marino, CA, USA
Athonu Chatterjee	BT/ME/1992	Painred Post, NY, USA
Chandan Jena	MT/CHE/2001	Irvine, CA, USA
Rajaram Gokul	BT/CSE/1995	Los Altos, CA, USA
Prakhar Bansal	BT/CHE/1994	Inverness, IL, USA
Maddikonda Ravikanth	MT/EE/2001	San Jose, CA, USA
Subhash Bhardwaj	BT/EE/1980	Round Rock, TX, USA

## *Alumni*

*Rs. 4,000/- to 19,999/-*

Hare Krishna	MSC2/STAT/1990	Meerut
Jamshaid Akhtar	MT/CE/2003	New Delhi
Janardan Prasad Singh	PHD/PHY/1985	Vadodara
Jatinder Pal Singh	BT/ME/1977	Jalandhar
Jayesh Kanaiyalal Adhvaryu	MT/EE/2002	Chandigarh
Joe Varghese Yeldho	PHD/HSS/2009	Indore
Sambit Kumar Dash	BT/ME/1998	Bangalore
Kush Sharma	BT/MME/2009	Bangalore
Lakshman Pandey	PHD/PHY/1980	Jabalpur
Madhukar Anand	MSC2/PHY/1984	Chandigarh



*Rs. 4,000/- to 19,999/-*

Mantu Kumar	MT/CHE/2002	Dibiyapur, Auriya
Nagendra Prasad Yadav	PHD/AE/2011	Jhansi
Neelakundan Dhavraj Naidoo	BT/CHE/1982	Sandton Guateng South Africa
Nikesh Chandra	BT/CE/1989	New Delhi
Pradeep Kumar	BT/ME/1974	Mumbai
Pramod Lakshman Vaishampayan	BT/EE/1972	Bangalore
Pramod Kumar Rai	BT/CHE/1994	New Delhi
Pushpito Kumar Ghosh	MSC2/CHM/1977	Bhavnagar
Rahul Mishra	BT/CSE/2000	Kanpur
Rajendra Krishnarao Naik	BT/CHE/1975	Ankleswar
Rama Kant Pathak	MT/CSE/2009	Bahraich
Sadashiv Srinivas Rao	BT/CHE/1982	Mumbai
Sanjay Kumar Shukla	MT/ME/2007	Bangalore
Satya Narayan Zindal	MT/EE/1972	Gurgaon
Sharad Agrawal	BT/EE/1998	Gurgaon



## *Alumni*

*Rs. 4,000/- to 19,999/-*

Shashank Prasad	BT/CSE/1994	Noida
Sudhir J Jhaveri	BT/CHE/1975	Thane (W)
T Ramanujam	MT/EE/1979	Noida
Tarun Souradeep Ghosh	BT/ME/1988	Pune
Thileepan Karhtikeyan P	MT/ME/2006	Chennai
Vivek Kumar Srivastava	BT/ME/1992	Guna
V V S N S Yugandara Rao Poliseti	MT/ME/2003	Pune
Vijay Kumar Agarwal	MSC2/PHY/1969	Ahmedabad
Vinod Kumar	BT/CSE/1985	Faridabad
Vivek Shrivastav	MT/NET/2004	Mumbai
Bhabananda Nath	BT/CE/1986	Jamnagar
Sukamal Ghosh	PHD/ME/1987	Bardhaman
Y Lakshmi Narayana Murthy	BT/CHE/1979	New Delhi
Achintya	MT/CE/1989	Bhagalpur
Devarapally Venkatramana Reddy	MT/CSE/2003	Hyderabad

*Upto Rs. 3,999/-*

Devindra Singh Rathour	MT/CE/2009	Mumbai
Om Parkash Kapoor	PHD/MTH/1966	New Delhi
Pramod Chandra Tiwari	MT/CE/2007	New Delhi
Rajesh Mishra	BT/MME/1985	Kolkata
Saran Behari Mathur	PHD/MTH/1982	Delhi
Soumen Sarkar	MSC2/PHY/1999	Bangalore
Subhankar Sen	PHD/ME/2011	Agartala
Aditya Agrawal	BT/EE/1991	Cupertino, CA, USA
Ajitabh Ranjan	BT/AE/1989	Westford, MA, USA
Arunabh Chattopadhyay	MT/EE/2007	Los Angeles, CA, USA



## *Alumni*

*Upto Rs. 3,999/-*

Nitin Shukla	BT/MME/1996	Sunnyvale, CA, USA
Rajiv Dutta	BT/EE/1989	Fremont, CA, USA
Sangeeta Bist Sankar	BT/AE/1986	Palo Alto, CA, USA
Shailesh Kumar Singh	MSC5/PHY/1991	Sherwood, OR, USA
Shrey Kumar Shahi	BT/CE/2007	Patna
Siddharth Saxena	BT/EE/2011	Ann Arbor, MI, USA
Subodh Kesri	BT/CHE/2002	Austin, TX, USA
Tejasvi Kachru	BT/EE/2003	Bangalore
Kyatham Vasishta	MT/CE/2000	Warangal
Kotikalapudi Sriram	MT/EE/1979	Boyd's, MD, USA



*Upto Rs. 3,999/-*

Shobhit Chauhan	BT/CE/1995	Lyndhurst, NJ, USA
Kasisomayajula V Subramanyam	MSC5/CHM/2006	Champaign, IL, USA
Vimal Shantilal Parikh	BT/MME/1980	Fremont, CA, USA
Sanjay Kumar Jain	MT/CSE/2003	Pune
Anurag Bhatnagar	BT/EE/1985	Sunnyvale, CA, USA
Sanjeev Kumar Choudhary	MSC5/PHY/1997	San Francisco, CA, USA
Biswajit Bhattacharya	BT/EE/1995	Chesterfield, MO, USA
Harshadrai Parekh	MT/CSE/1993	San Jose, CA, USA
Soham Roy	MSC2/CHM/2010	Tempe, AZ, USA
Sourav Maji	BT/EE/1999	Sunnyvale, CA, USA
Rajeev Ranjan Sharma	BT/EE/2007	Bangalore
Amod Agrawal	BT/CE/1982	Delhi
Subhonmesh Bose	BT/EE/2009	Pasadena, CA, USA
Rohit Kumar Gupta	BT/MME/2001	Los Angeles, CA, USA
Pankaj Kumar Singh	BT/MME/1996	Plainfield, IL, USA



## *Alumni*

*Upto Rs. 3,999/-*

Fazil Ahmad	BT/EE/2005	Santa Clara, CA, USA
Ram Prasad Dorai	MSC5/CHM/1978	Columbia, MD, USA
Sunder Lall Dhingra	PHD/CE/1981	Mumbai
R Vijayakumar	MT/ME/1984	Calicut
Abhishek Bansal	BT/CHE/2002	Mumbai
Arun Kumar Agarwal	MSC2/PHY/1971	Varanasi
Damnish Kumar	MSC5/MTH/2000	Noida
Dheerendra Tiwari	BT-MT(Dual)/EE/2011	Bangalore
Dibyendu Das	MSC/PHY/1995	Mumbai
Madhur Khanna	MT/CE/2001	Bangalore
Narendra Kumar Verma	MT/EE/1996	Pune
Nishant Singh Hada	BT/EE/2007	Jaipur
Shakti Saurabh	BT-MT(Dual)/AE/2011	Bangalore

*Upto Rs. 3,999/-*

V Venkata Ramakrishna	MT/ME/2009	Sriharikota
Vinod P	MT/CSE/2002	Calicut
Yogesh Arvind Raikhelkar	MT/ME/1999	Pune
Rakesh Sharma	MT/NET/1978	Wallinton, NJ, USA
Anujay Gupta	BT/CHE/1997	Schaumburg, IL, USA
John Eugene Lobo	BT/CHE/1979	Portland, OR, USA
Sunil Kumar Verma	PHD/BSBE/2009	Texas City, TX, USA
Shikher Bisaria	BT/EE/2004	Houston, TX, USA
Mainpal Rana	PHD/BSBE/2011	Pittsburgh, PA, USA
Mukul Kumar	BT/ME/1974	Snohomish, WA, USA



## *Alumni*

*Upto Rs. 3,999/-*

Sanjeev Madan	BT/CHE/1982	San Francisco, CA, USA
Subrata Goswami	MT/EE/1987	Milpitas, CA, USA
Aditya Desai	BT/ AE /2010	Pune
Alok Kumar Gupta	MT/ EE /1993	Bangalore
Ankush Bhatiya	BT/CSE/2006	Kanpur
Anurag Gupta	BT/MME/2009	Tuscaloosa, AL, USA
Balram Dewangan	MT/MSP/2003	Noida
Kanchan Guntupalli	BT/AE/2009	Ames, IA, USA
Mudit Mehrotra	MT/ME/2009	Bangalore
Neeraj Sharma	MT/EE/2004	Lucknow



New Sports Complex

## *Alumni*

*Upto Rs. 3,999/-*

Nishant	MT/CSE/2009	Banaglore
Prabhas Kumar	MT/ME/1982	Ranchi
Prasanta Kumar Sahu	MT/CE/2005	Pune
Priyanshu Goyal	MT/NET/2001	Mumbai
Rahul Gupta	BT/BSBE/2008	Bangalore
Sahebrao Muneshwar	MT/AE/2002	New Delhi
Sanjeev R Maddila	BT/CSE/1983	Naperville, IL, USA
Shantanu Rastogi	BT/AE/1989	Lucknow
Sudhakar Petluri	MT/CE/1997	Hyderabad
Sunil Kumar Sabharwal	BT/EE/1970	Ghaziabad
Tarun Kumar Kayal	BT/CHE/1985	Kolkata
Uppaluri Naga Sai Rohith	MT/ME/2009	Pune
Pushkar Dixit	BT-MT(Dual)/EE/2007	USA
Anamika Tiwari	MBA/IME/2010	Mumbai
Ashok Kumar	BT/ME/1991	Kolkata



## *Alumni*

*Upto Rs. 3,999/-*

Karthick Niwas Ramdoss	BT/CE/2012	Bangalore
Muralidhar Madhusudan	MT/AE/2009	Bangalore
Pankaj Tewari	MSC2/CHM/1993	Noida
Rohit Prakash	BT/MME/2008	Patna
Sachin Kumar Agarwal	BT/CE/2012	Katni
Srikant Bandyopadhyay	MT/MSP/1973	Sydney, NSW, Australia
Ravikant Jaykumar Patil	MT/EE/2009	Pune

## *Friends*

*Rs. 20,00,000 to 99,99,999*

Asha Jadeja		Atherton, CA, USA
Peeyush Daga		Hong Kong

*Rs. 4,00,000 to 19,99,999/-*

Dharam Paul Gupta (Ashish Gupta)		Bangalore
-------------------------------------	--	-----------

*Rs. 20,000 to 99,999/-*

David Smullin		Bend, OR, USA
Susan Jones		Belmont, MA, USA
Zafar Hasan		Portland, OR, USA
Sudhir K Jain		Ahmedabad
Ishrat Hasan		Fremont
Shivaswamy M		Bangalore
Hans Raj Punchhi		Bhopal
Arun Kumar Jha		Ghaziabad



Rajeev Motwani Building

## *Friends*

*Rs. 4,000 to 19,999/-*

Rahul Shambhuni		Norfolk, VA, USA
S Hari Prasad Babu		Secunderabad
John G. Anderson		Reno, NV, USA
Bhagwan Das Sanghi		Kanpur
Prasad V. Panandikar		Goa
V V Nori		Mumbai
Mahua Mukherjee		Roorkee
Sarvesh Kumar Jain		Gwalior
Abhay S Kulkarni		Nagpur
C S Manohar		Bangalore



Chaitanya Sanghvi		Ahmedabad
Dhiman Basu		Ahmedabad
Durgesh C. Rai		Kanpur
H R Tripathi		Ankeshwar
Hari Chand Salaria		Ludhiana
Jagdish Kumar Verma		Jaipur
Jignesh V Chokshi		Vadodara
Keya Mitra		Howrah
M R Shah		Ahmedabad
O R Jaiswal		Nagpur
Partha Pratim Nandy		Bangalore
R J Shah		Ahmedabad
Sandeep Joshi		Indore
Suhasini Madhekar		Pune
Vijay Shah		Ahmedabad



## *Friends*

*Rs. 4,000 to 19,999/-*

Rekha Jhaveri		Jaipur
Hari Gopal		Lucknow
Dr. Svetlana N Brzev		North Vancouver BC, Canada
Deepak B Dave		Mumbai
T Viswanathan		New Delhi

## *Friends*

*Upto Rs. 3,999/-*

Satish Annigeri		Hubli
Dr. N Subramaniam		Chennai
Sandeep Ganeshrao Mathana		Ahmedabad
Vijay Agrawal		Jaipur
Aishwariyanand Patel		Ellenbrook Western Australia
Benudhar Sarma		Karimganj

## *Friends*

*Upto Rs. 3,999/-*

Atul Chandra Boruah		Guwahati
Sangeeta Kumar		Aligarh
Subhash Odhavajibhai Gandha		Jamnagar
Sunil J Gandhi		Rajkot
Gaurav Maroo		Bari Sadri
Amaresh S Patil		Gulbarga
Ashwini K Apte		Pune
Debasis Dasgupta		Jalpaiguri
Gorwadkar Sameer P		Navi Mumbai
K C Francis		Kochi



*Friends*

*Upto Rs. 3,999/-*

K Muthumani		Chennai
Naresh P Gahlot		Wardha
Sandeep Verma		Indore
T Rangarajan		Coimbatore
Anil Kumar Sharma		Noida
Mohd Naseem		Mumbai
Vaishnava Devi		Dindigul
Parmar Niravkumar Kantibhai		Ahmedabad
P C San		Kolkata
Praveen Babu		Mumbai



### *Former Faculty Members*

*Rs. 1,00,000/- to 3,99,999/-*

G. S. Upadhyaya		Varanasi
-----------------	--	----------

### *Faculty Members*

*Rs. 4,000/- to 19,999/-*

Deepak Gupta	BT/MME/1987	IIT Kanpur
Monica Katiyar	BT/MME/1987	IIT Kanpur
Santosh Kumar Gupta	BT/CHE/1968	IIT Kanpur
Neeraj Misra	PHD/MTH/1991	IIT Kanpur

### *Organizations*

*Rs. 4,00,000/- to 19,99,999/-*

Nine Dot Nine Mediaworx Pvt.Ltd. (Pramath Raj Sinha)	BT/MME/1986	Noida
CSI Engineering Software (P) Ltd. (Rajiv Sharma)		New Delhi
J.K White Cement Works Ltd.		Kanpur
SFC Environmental Technologies Pcv. Ltd. (Y V V Satyanarayana)		Navi Mumbai
Accel India Management		Bangalore



## Organizations

Rs. 1,00,000/- to 3,99,999/-

Arpita Mahila Mandal (Kavita Garg)		Kanpur
---------------------------------------	--	--------

## Organizations

Rs. 20,000/- to 99,999/-

Alumni Association IIT Kanpur Outer Delhi Chapter		Delhi
Indigo Paints Pvt. Ltd. (Hemant Jalan)	BT/CHE/1977	Pune
Microsoft Match (Salil Dave)	BT/EE/1986	Medina, WA, USA
OMNOVA Solutions Fnd (Satish Chander Sharma)	BT/CHE/1966	Stow, OH, USA
IBM Empl Svc Center (Arvind Krishna)	BT/EE/1985	Ridgefield, CT, USA
Tondon Consultants Pvt. Ltd.		New Delhi
Google Matching Gifts (Vartika Bhandari)	BT/CSE/2002	Hoboken, NJ, USA
Google Match (Bharat Kalyanpur)	BT/CSE/1989	Fremont, CA, USA
Google Match (Sameer Agarwal)	MSC5/MTH/2000	Seattle, WA, USA
Google Match (Anurag Gupta)	MSC5/PHY/1997	Tucson, AZ, USA
Shirish Patel & Associates Consultant Pvt. Ltd.		Mumbai
Qualcomm Match (Rajesh Kumar Pankaj)	BT/EE/1986	San Diego, CA, USA

VMS Consultans Pvt.Ltd. (Alpa R Seth)		Mumbai
Frost International Ltd		Kanpur

## *Organizations*

*Rs. 4,000/- to 19,999/-*

St. Louis Hills Urological Associates, Inc.	BT/EE/1987	Cupertino, CA, USA
United Way Silicon Valley (Alok Mathur)		St. Louis, MO, USA
Kashi Jeweellers, (Rajendra Kapoor)	BT/CE/1975	Kanpur
N.Y.Kochak Consulting Engineers & Structural Designers (N Y Kochak)		Pune
India Community Center		Milpitas, CA, USA
IBM Employee Services Cntr (Dinesh Verma)	BT/CSE/1987	Mount Kisco, NY, USA
Synopsys Inc. (Shailendra Pokhriyal)	(BT/EE/1997)	Mountain View, CA, USA



## Organizations

Rs. 4,000/- to 19,999/-

Microsoft Matching (Sudipta Sengupta)	BT/CSE/1997	Princeton
Behariji Charity Trust, (Nitin Rai Vaid)	BT/CHE/1990	Kanpur
Structcon Consulta (Deshpande V L)		Mumbai

## Organizations

Upto Rs. 3,999/-

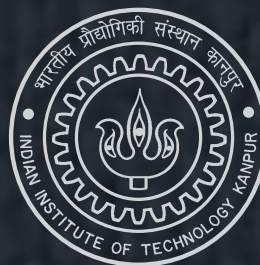
Delf Consulting Engineers (I) Pvt.Ltd. (Aanand R Shah)		Ahmedabad
Microsoft Match (FNU Venkata Nagarjun)		Princeton, NJ, USA
Honeywell Int. Charity Match (Sunil James)	BT/AE/1990	Chandler, AL, USA
M/s. Kitchley Consultants		Madurai







IIT  
K  
A  
N  
P  
U  
R



Connecting you  
with your Alma Mater

Dean of Resources and Alumni  
Indian Institute of Technology Kanpur  
Kanpur ~ 208016, India