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Student Activities

Students are actively encouraged to participate in extra-curricular and co-curricular activities that improve their overall growth. Students have not only excelled at such activities throughout the year but have also initiated some new ones.



Co-curricular Activities

Amalthea 2011

Amalthea - 2011, a two-day conclave on **Infrastructure: Present Scenario and Future Scope** was organized during October 15-16, 2011. The Conclave was inaugurated on October 14, 2011 by **Shri Narendra Modi**, Honrable Chief Minister of Gujarat. In an eloquent and inspiring speech Shri Modi articulated how the prosperity of a region is closely linked to the development of local infrastructure. Other conclave events included lectures by eminent persons and panel discussions on topical issues. The speakers included **Shri Mukesh Bhandari**, Chairman, Electrotherm India Ltd; **Shri Jayesh Buch**, Director, Essar; **Shri S. B. Dangayach**, Managing Director, Sintex; **Shri Pravin Gandhi**, Director, Co-orporate Research, Underwriters Laboratories Inc.; **Mr Jamey Graham**, Ricoh Innovations; **Shri Sanjay Gupta**, Chairman, Neesa Group; **Shri Sushil Handa**, Founder and Chairman, Fifth Veda Entrepreneurs; **Shri Subir Hazra**, Associate Vice President & Head, Strategic Planning, Delhi International Airport (P) Ltd; **Shri Satish Jha**, President and CEO, One Laptop Per Child India; **Dr Malay Mahadevia**, Director, MPSEZ; **Shri D. J. Pandian**, Principal Secretary, Energy and Petrochemicals Department; **Shri Santosh Rai**, Sales Head - Transport Business, HCC Ltd; **Prof V. S. Raju**, Former Director, IIT Delhi; **Shri Mangu Singh**, Director (Works), Delhi Metro Rail Corporation; and **Shri Sameer Sinha**, Joint MD, Savvy Infrastructure. Thirty-five companies including public sector enterprises such as ISRO, NPCIL and NDMA participated in the exhibitions. The core organizing team consisted of **Arjita Sharma**, **Bhaskarjyoti Das** and **Rohit Chouksey**. Further details on <http://amalthea.iitgn.ac.in>.



Mehfil-e-Adab: An Evening of Urdu Poetry

An evening of Urdu poetry on November 20, 2011 marked the closing of two eight-week courses on Urdu Script and Poetry by **Ms Hamida Banu Chopra** (University of California, Berkeley). Ms Chopra and some of her students (**Swati Verma, Adnan Ansari, Kanchan Patel, Aditya Samant, and N. C. Puneeth**) recited poetry by famous Urdu poets. Well-known Urdu poets of Ahmedabad **Sadiq Noor Pathan, Jayant Parmar** and **Tanvir Aijaz Siddiqui** also recited their poems.

Mean Mechanics 2011

A Robotics Workshop-cum-Competition was organized on September 4, 2011 for the first year students in which eighty students



participated. The winning team members **Abhishek Sancheti, Gaurav Mahmuni** and **Vaibhav Mathur** received a 4GB pen drive each. The runners-up team, **Aryan, Shaurya Seth, Ujash Dave** and **Akash K. Singh** received a scientific calculator each. The event was organized by **Shashank Agarwal, Akshay Jain** and **Prateek Nyati** under the guidance of **Prof. N. Ramakrishnan, Prof. Ajanta Sachan, Prof. Girish Singhal** and **Prof. Amit Prashant**.

Summer Internships

Summer internships are considered a very important part of education. These opportunities not only expose the students to the demands of the real world but also help them to bridge the gap between the theoretical concepts taught in the class rooms and their application in industrial or research.

The internships help the students to assess their technical knowledge and gauge their aptitude for certain kinds of work. This exposure allows them to make informed decisions regarding their future. Bearing the importance of the summer internships in mind, the Institute actively helps students in finding internships in industry as well as in eminent Indian and foreign education and research institutes. During the summer of 2011, a total of 158 students did their internships in educational institutions and industries. Of these, 40 students went to educational institutions such as IISC Bangalore and CSTEP Bangalore, 22 students visited foreign universities such as California Institute of Technology, John Hopkins University, University of Notre Dame and 96 students went to industries such as Reliance Industries, National Instruments and TATA Steel.

Life Skills Series

The following workshops were conducted under the **Life Skills Series**, coordinated by **Prof. Sharmita Lahiri**, which focusses on integral aspects of our daily lives.

- ▲ **Follow your dreams**, by **Mr Avik Bhandari** and **Ms Nidhi Kush Shah**, Student Placement Office, IITGN, April 7, 2011. About 30 students attended the event.
- ▲ **The power of positive thinking** by **Ms Nidhi Kush Shah**, August 26, 2011. It was attended by about 35 students and staff.
- ▲ **Stress Management** by **Dr M. Parikh** (MD), a leading Psychiatrist and Psychotherapist of Ahmedabad, October 22, 2011. It was attended by about 30 students and members of staff.
- ▲ **Job Interviews: How to nail them** was held on January 6, 2012. Several graduating students shared their successful job interview experiences with 180 participating students. **Prof. Atul Bhargav** was the guest expert. The session was coordinated by **Maisum Ali, Swati Verma, and Kanchan Patel**.
- ▲ **Career Options after B. Tech.** was held on March 30, 2012. Several graduating

students spoke to about 100 students and some staff members. **Prof. Atul Bhargav** was the guest expert and the moderator of the discussion.

Visit to Mundra Supercritical Power Station

Fourth year Mechanical Engineering students got a feel for the complexities of operation of modern power plants in India through a visit to the Mundra Power Station on October 29, 2011, coordinated by **Prof. Vedanth Kadambi**.

Inter-IIT Gymkhana Summit 2011

The fourth Inter-IIT Gymkhana Summit was organized at IITGN by the Student Gymkhana during October 22-23, 2011. Student representatives of eight IITs (Guwahati, Rajasthan, Mandi, Ropar, Indore, Madras, Hyderabad and Gandhinagar) participated in the discussions at the summit. IIT Kanpur and IIT Bombay also joined the sessions online. A major highlight of the summit was a brain-storming session with **Mr Sunil Parekh**, founder and Head of Pan IIT Gujarat Association, and **Prof. Utpal Sharma**, CEPT University.

Extra-curricular Activities

IIT Gandhinagar initiates Summer Camp for B. Tech. Students

The Institute organized a four-week Summer Camp for IITGN undergraduate students starting June 15, 2011. This initiative gives the students a platform to express their creativity and originality. Activities at the camp include engineering design challenges such as designing a smart cane for the blind, theatre and Salsa dancing classes, various sports activities, a reading circle for books of historical significance, and workshops organized by industry professionals.

Intra-College Cultural Festival

Jashn, the first Intra-College Cultural Festival of IIT Gandhinagar was organized during November 4-6, 2011. The three-day festival

comprised innovative as well as traditional events such as Art Exhibition, Photography Competition and performances from the Dance, Drama and Music clubs of IITGN. The key members of the organizing committee were **Nishank Jain** (Convener), **Ankit Suchanti**, **Nitai Bajaj** and **Atharva Patil**.

Blithchron'12: Cultural Festival

Blithchron12, the annual cultural festival of IITGN, was held during January 21-22, 2012 on the theme "Around the world in 48



hours". Several new events were introduced including a fashion show named Panache, a rock music competition aptly named String Theory, a street play competition called Antaragnee, and marketing strategies competition innovatively named Bizmark. A rock concert by the Chennai-based band Junkyard Groove and a classical music performance by SAPTAK: School of Music were the musical highlights of the fest. Over 10,000 people attended the two-day event.

International Year of Forests

The International Year of Forests (IYF) was organized through a community tree-plantation drive around the IIT Gandhinagar hostels on December 29, 2011. About 60 trees were planted. The chief guests were **Prof. Sudhir K. Jain**, Director IIT Gandhinagar and **Mr Pushkar Ganesh Vaidya**, Indian Astrobiology Research Centre and IYF program head. Mr Vadiya gave a lecture on **Forests and Astrobiology - Why this Kolaveri Di?** that covered a wide range of topics from conservation of environment to extra-terrestrial life and the connection between them. Organizers of this event were

Susmitha Purnima Kotu (Campus Ambassador-IYF 2011) and **Blithchron Green Initiative 2012**.

Musical sensation of the year (MuSTY) 2011

The search for MuSTY started in March 2011. Six selected participants out of a total of 15 competed in two rounds, on September 7, 2011 in Grand Finale. The audience voted their preference through SMS during the event. **Gourav Dubey** of the 3rd year was voted as MuSTY 2011 and received the rolling trophy from MuSTY 2010 **Chetas Joshi**. The event recorded 282 valid votes. The event was coordinated by **Kaustubh Tirpude**, **Abhijit Rajiv** and **Nishank Jain**.

Cognobytes - the science of the mind

Sumitava Mukherjee, a doctoral student in Philosophy, has started a blog titled CognitoBytes (<http://cognitoBytes.wordpress.com>). The blog aims to create awareness and to disseminate knowledge about the science of the mind, behaviour and the brain. This effort is enthusiastically supported by **Prof. Jaison A. Manjaly**.

CineApse

CineApse, an event which tests the cinematic knowledge of participants through quiz and dumb charades, was held on September 4, 2011. Eight teams competed in four exciting and engaging rounds. The group of second year students **Akshay Mall**, **Nisarg Shah**, **Sudhamsu Krishna**, **Ankita Sharma** and **Manogyna Snigdha Parimi** won it with a cash prize of Rs1,000.

Other Student Activities

- ▲ **Diti Vyas**, a doctoral student in English, attended an international conference **Book Therapy - Reading is healing**, Association of Writers and Illustrators for Children (AWIC), New Delhi, February 9-11, 2012. She was also felicitated by the Chief Minister, **Shri Narendra Modi** at a function in Ahmedabad on January 18, 2012 for being one of the 400 pilgrims to

complete the trek to Kailash Mansarovar.

- ▲ **Shyamal Kishore** and **Sushant Kumar Suman**, both 3rd year students, conducted a one-day workshop on **Internet Awareness** for 45 under graduate and postgraduate students of L&C Mehta College, Ahmedabad on July 6, 2011.
- ▲ Students of IITGN, in association with Prathama, organized a blood donation camp on January 13, 2012. The drive attracted sixty-six donors. The student coordinators included **Shreyans Nahar**, **Shashank Heda**, **Prashant Verma**, and **Parth Guthka**.
- ▲ The noted sitarist **Pt Shubhendra Rao** of SpicMacay presented an enthralling concert at IITGN on January 5, 2012.

Special Occasions

Independence Day Celebrations

Prof. Sudhir K. Jain, Director hoisted the National Flag on August 15, 2011 to celebrate the country's 65th Independence Day. Events that followed included a cultural event and a debate competition on **Lokpal Bill as proposed by Mr Anna Hazare**. The debate was won by **Ishan Upadhyaya** and **Shivam Mani Tripathi** who received a cash prize of Rs. 1,000 each. A discussion on Anti-corruption movement moderated by **Prof. Sandeep Pandey** followed.

Republic Day Celebrations

In keeping with IITGN tradition, the 63rd Republic Day celebrations on January 26, 2012 began with the faculty, staff and students participating in a Green Run early in the morning. Later the Director, **Prof. Sudhir K. Jain**, unfurled the National Flag. On this occasion security persons **Mr Pruthvish Parmar (SIS)** and **Mr Firoz K. Mansuri (GIFS)** were recognized for their exemplary diligence in discharging their duties. The Excellence Awards in sports were presented to students **Bhargav Kumar Thadem**, **Shivani Rani** and **Suresh Choudhary**. The day's events drew to a close with students presenting timeless patriotic songs.

Awards and Recognition

Student's Design Wins in Caltech Space Challenge

Aditi Dighe, a 3rd year Electrical Engineering student, was a member of the team that won the **Caltech Space Challenge** competition to design a manned mission to an asteroid by 2025 as envisioned by US President Barack Obama. Caltech, in collaboration with NASA's Jet Propulsion Laboratory, Lockheed-Martin and Orbital Sciences Corporation, selected 32 students from 12 countries through a three round selection process. Aditi was one of six students selected from India. Each team of 16 students spent five days (September 12-16, 2011) at the Keck Institute of Space Studies, Caltech to come up with the mission design which will put crew of three astronauts on an asteroid. Aditi primarily worked on three aspects: Human Habitat, Electrical Power System and International Cooperation. Other aspects of design included Trajectory, Propulsion, Thermal-Control and Science Experiments.

Students on Dean's List Felicitated

On September 8, 2011, a ceremony was held to felicitate 80 students who featured on the first Dean's List. **Prof. Sudhir K. Jain**, Director, addressed the students and handed over the letters of appreciation and a book (**A Rainbow in the Night** by Dominique Lapierre). Ninety-nine undergraduate students and one M. Tech. student made it to the second Dean's List that was announced on February 10, 2012. **Prof. Sudhir K. Jain** felicitated the students by giving the letters of appreciation and a book (**Everybody loves a good drought** by P. Sainath). Details are available at http://www.iitgn.ac.in/pdf/Deans_list.pdf.

Distinguished Awards in Sports

The following awards for the year 2010-11, were given to students showing outstanding performance in different sports on April 21, 2011:

Sports Person of the Year
Suresh Chaudhary

Upcoming Player of the Year
Ameya Joshi

Badminton Open Champion
Harsh Paliwal

Chess Inter Departmental Championship Winner
Manu Bansal

Boys General Championship Winner
Electrical Engineering Team

Girls General Championship Winner
Chemical Engineering Team

Best Boys Team of the Year
Basketball Team

Best Girls Team of the Year
Badminton Team

Sports News

Halla Bol

The 2nd edition of Halla Bol, the all-night intra-college sports festival (March 17-25, 2012), witnessed more than 2100 registrations for ten improvised games such as Futsal, Touch Rugby, Kabbadi, Dodgeball, Gully Cricket, 7 Stones, Kho-Kho and Tug of War. With over 85% of the undergraduate students at the Institute participating in one or more events (on average students participated in 6-7 games), Halla Bol demonstrated the tremendous enthusiasm for sports in the Institute with 400 matches being played in 9 days. The tireless work put in by the core-team of 40 members and over 40 volunteers ensured that the event went off without a hitch. The event was coordinated by **Mohak Patel** and **Vishvendra Joshi**.

Inter-IIT Aquatic Meet 2011

Parth Sane Vishwas, a first year student, became the first IITGN student to win a Gold medal at an Inter-IIT meet. He won the Gold in 50m Butterfly event and won a Silver medal in 100m Back stroke. **Vrushiket Patil** secured fourth position in the 200m Back

stroke event. The IIT Gandhinagar team secured 5th position among eleven participating IITs.

47th Inter IIT Sports Meet 2011 (December 12-19, 2011)

Shivani Rani (M. Tech. student) won a Silver medal in Shot Put Throw with a throw of 7.92m and a Bronze medal in discus throw event with a throw of 23.06m. **Bhargav Kumar Thadem** (4th year B. Tech.) won a Gold medal in Javelin Throw with a throw of 46.10m. **Suresh Chaudhary** (3rd year B. Tech.) won a Silver medal in 5000m Track event with clocking an impressive time of 17:38:70.

IIT Gandhinagar Basketball Teams win Gold medals at Khel Mahakumbh

Both IITGN Basketball Teams (Boys & Girls) won in their events at the Khel Mahakumbh organized by the Gujarat Government on December 1, 2011. Every player of the two teams was given a cash prize of Rs 3000 for their performance. **Suresh Choudhary, Vishvendra Joshi, Ritu Gavasane, Divya Bansal, Shivani Rani, Mishita Jaishwal and Ankita Sharma** distinguished themselves with their excellent performances.

Petro Cup'12

IITGN students participated in PDPU's sports event petro Cup'12 during January 25-29, 2012. **Bhargav Kumar Thadem** (Javelin Throw) and **Shivani Rani** (Shot Put and Discus Throw) won gold medals. IITGN also received the General Championship in **Men's** and **Women's Basketball** tournaments. The Chess team won a silver medal for their performance. Notably, **Gaurav Saini** remained unbeaten throughout the tournament.

Inter-Department Basketball Championship

The **Chemical Engineering** team successfully defended their title in the inter-departmental **Basketball championship** by defeating the Mechanical Engineering team (67-55) on January 18, 2012. The performances of **Ravi**

Pal, Vishvendra Joshi, and Aditya Samanth stood out.

Other Sports Events

- ▲ **Badminton Girls** team (**Shurti Jain** and **Swati Verma**) won the badminton championship by defeating the home team at Concours 2011 (DAIICT Annual Sports Fest) on April 3, 2011.
- ▲ **Table Tennis Boys** team (**Chetas Joshi, Spandan Jyoti Das, and N. C. Puneeth**) won against Gujarat National Law University, DAIICT, and LDRP Institute of Technology and Research, Gandhinagar during April 1-3, 2011.
- ▲ **Chess Boys** team (**Manu Bansal, Ram Prakash, Akshay Bishnoi, Pratik Thakker, and Akhshay Navalakha**) won against DAIICT and LDRP Institute of Technology and Research, Gandhinagar during April 2-3, 2011.
- ▲ **Badminton Boys** team (**Harsh Paliwal, and Ishan Tembhekar**) won against Gujarat National Law University and DAIICT during April 1-2, 2011.
- ▲ The **Boys Basketball** team won against Shri Ram School, Gurgaon, Haryana on September 1, 2011 with commendable performance from **Suresh Chaudhary**. The team also won against DAIICT (67-18) on September 17, 2011.
- ▲ The **Boys Football** team played a friendly match against Police 11, Gandhinagar on September 4, 2011. The match ended in a draw with good performances from **Himanshu Dewangan, Parag Pradeep, Joy Narang** and **Abhinav Borker**. The team also won against DAIICT (2-1) on September 17, 2011 with **Maisum Ali Dairkee** putting in an exceptional performance.
- ▲ The **Boys Cricket** team won against DAIICT on September 18, 2011. **Nitish Bhaje, Sujay Yadav, Rutuparna, and Ankur Meena** were outstanding in the match.
- ▲ The **Boys Volleyball** team won against PDPU, Gandhinagar (3-0) on September 22, 2011. The **Boys Volleyball** team won 3-0 against DAIICT, Gandhinagar on October 18, 2011.
- ▲ IITGN Faculty & Staff Team won 3-0

against Ph. D. and M. Tech. Students Team in a friendly volleyball match on October 17, 2011.

- ▲ **Bhavin Chauhan** of 3rd year won a bronze medal at the All-Gujarat Karate Tournament held in Baroda, December 10-11, 2011.



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International Relations

International Relations
Other events and activities
Reaching Out

International Relations

IITGN has been building up exciting relationships with internationally renowned universities and academic institutions. Several partnerships have been forged in the last year with excellent benefits to students and faculty.

California Institute of Technology, Pasadena, USA

Strong ties have been forged between IIT Gandhinagar and California Institute of Technology (Caltech), one of the most prestigious engineering institutes in USA. An MoU between the two Institutes was signed on June 23, 2011 for the exchange of undergraduate students. IITGN students **Prashant Ashok Borde** and **Prathamesh Arvind Juvatkar** of Electrical Engineering and **Ishan Deodatta Tembhekar** of Mechanical Engineering did their summer internships at Caltech in 2011. Another six students (**Shruti Jain** (ChE), **Jainil Parekh** (EE), **Pritesh Sankhe** (EE), **Satyedra Singh Jadaun** (EE), **Rohit Chouksey** (ME), and **Mohak Patel** (ME)) will do their summer internships at Caltech in 2012. Inspired by their internship experience, **Ishan Tembhekar** and **Neel Nadkarni**, both Mechanical Engineering students will start their Ph. D. programmes at Caltech in Fall 2012.

Ten Caltech undergraduate students were invited and partnered with ten IITGN students to be a part of a unique experience called **India-Ki-Khoj** at IITGN during December 12-21, 2011. Together they embarked on a journey of exploration of India's past, present and future. The programme was inaugurated by the eminent dancer and activist **Dr Mallika Sarabhai**. In addition to the lectures by leading academicians and thinkers such as **Mr Michel Danino**, **Prof. Suguna Ramanathan**, **Mr Santosh Desai**, **Prof. Howard Spodek**, and **Dr Sandeep Pandey**, the students undertook field-trips to Lothal (Indus Valley Civilization site), Sabarmati Ashram, and Tejgadh (Center for tribal languages and identity: Bhasha). It was coordinated by **Prof. Rita Kothari** and **Prof. Jaison Manjaly** of IITGN and **Ms Athena Castro** of Caltech.

Washington University, St Louis, USA

The Washington University, St Louis in USA has been offering summer internship

opportunities to our students every year. This has been possible due to generous support of **Prof. Pratim Biswas**. The following students have benefitted from these: **Jeenam Jindal**, **Luv Gupta** and **Yogesh Goyal**, in summer of 2010; **Shruti Jain**, **Pratyul Kapoor** and **Kanchan Patel** in 2011. Two more students, **Shaline Kavadiya** and **Akansha Jagwani** (ME) are expected to do their internships there in 2012.

Duke University, Durham, USA

Prof. Kishor Trivedi of Computer Science at Duke has visited IITGN twice, delivered talks, and held discussions about mutual collaborations and cooperations. Three students **Narendranath B.**, **Subhash Kunch** and **Aditi Dighe** are likely to undergo their internship at the Duke during summer of 2012.

Nanyang Technological University, Singapore

Prof. T-C Pan, the then Dean of Engineering at NTU has visited IITGN and has been supporting a collaboration with IITGN. Four students **Parichita Kapoor**, **Ankit Agarwal**, **Nitesh Gupta** and **Prerit Terway** underwent summer internship at NTU in 2010, and **Manu Bansal**, **Ankit Agarwal**, and **Vishal Maheshwari** in the summer of 2011.

University of Saskatchewan, Saskatoon, Canada

Prof. Ernie Barber, Dean, College of Engineering and **Prof. Karen Chad**, Vice President Research have visited IITGN on different occasions. **Prof. Ajay Dalai**, Associate Dean Research and Partnerships brought a 13-member delegation of professors and administrators to IITGN to discuss possibility of mutual collaborations. **Mohit Verma** is likely to undergo summer internship at the University Saskatchewan and **Prof. Jain**, Director likely to visit them in the summer of 2012.

École Polytechnique Fédérale De Lausanne, Switzerland

Prof. Jain, Director has visited EPFL to discuss possibilities of mutual collaboration. This was followed by a visit of **Prof. Amit Prashant** to EPFL. **Prof. John C Badoux**, former president of EPFL spent several days at IITGN. Several professors of EPFL have visited IITGN and taught either a half-semester or a short course. These include **Prof. Ian F. C. Smith**, **Prof. Claude Petitpierre** and **Prof. Naoufel C..** Our undergraduate student **Prakash Kumar Uttam** did his summer internship at EPFL in summer of 2011.

University of Rhode Island, Kingston, USA

Prof. Arun Shukla offered summer internship in his laboratories to **Neel Nadkarni** and **Pankaj Yadav** (both Mechanical Engineering students) during summer 2011. Another Mechanical Engineering student **Shyamal Kishore** is likely to do internship there in summer 2012.

The Johns Hopkins University, USA

The Johns Hopkins University and IITGN faculty have been in discussions about setting up a Biomedical Engineering Laboratory at IITGN and possibilities of collaborative research. As part of these discussions, **Prof. Joycecie Mekie** visited the Johns Hopkins University's Biomedical Engineering Department for about a week. The proposed Biomedical Engineering Laboratory has begun to take shape at IITGN with the involvement of **Prof. Nitish Thakor** of JHU. As a deliberate attempt to expose students to the intricacies and challenges of such work, three IITGN students, **Neel Prashant Nadkarni** (ME), **Lalitha Anusha** (EE) and **Nishant Shirish Joshi** (EE), did their internships at JHU in the summer of 2010, two more students, **Nitish Bhaje** and **Sarthak Jain**, (both EE), in 2011. These students have continued the work at IITGN which started at JHU and have also helped to mentor other students.

University of Notre Dame, Indiana, USA

The ND-IITGN Graduate Research

Fellowship has been established to forge a strong partnership between IITGN and the University of Notre Dame that will promote long-term research and academic collaborations between the two institutes. Starting with 2012, this fellowship will be awarded every year to an IITGN student to attend the Ph. D. program in Computer Science and Engineering at the University of Notre Dame. The sole criterion for selection for the award will be a candidate's academic performance and potential for research. **Saurabh Hiten Nagrecha**, a final year student of Electrical Engineering, is the first recipient of this fellowship. During the summer of 2011 **Saurabh Hiten Nagrecha** and **Kishore Rathnavel** (EE) did their summer internships in 2011, while **Shubham Ranka**, a third year Electrical Engineering student will get the opportunity in the summer of 2012. The relationship with Notre Dame has been possible due to enthusiastic engagement of **Prof. Nitesh Chawla** of ND

University of Washington, Seattle, USA

Prof. Vipin Kumar of the university of Washington has visited IITGN twice, once with **Prof. Per Reinhall**, Chairman of Mechanical Engineering. As a result of these discussions an MoU was signed on December 12, 2011 to:

- 1) Promote a global educational experience for both students and faculty.
- 2) Foster a spirit of collaboration and co-operation.

Abhijith Rajiv and **Varun Gupta** from Mechanical Engineering will be doing their internship at University of Washington in 2012.

ISCTE – Lisbon University Institute

Prof. Sudhir K. Jain and **Prof. Jaison Manjaly** visited the ISCTE – Lisbon University Institute (May 24-29, 2011) on the invitation of the Rector. A number of academic activities of mutual interest were discussed, and an MoU for academic collaborations signed. **Prof. Rosa Maria Perez** of ISCTE spent the II semester of 2011-12 at IITGN to teach a course on Anthropology which was very well received by our students. More such opportunities for

mutual collaborations are expected to arise out of this relationship.

Underwriters Laboratory, Northbrook, USA

Underwriters Laboratory (UL), in Northbrook (near Chicago), USA is the world renowned company in product safety, particularly in fire. UL has been providing research and development opportunities to the students of this Institute.

Six IITGN students (**Vivek Yadav**, **Abhishek Umrao** and **Divyank Singh** of Chemical Engineering, **Adnan Ahmad Ansari** and **Anchit Gaurav** of Mechanical Engineering, and **Saurya Prakash Sinha** of Electrical Engineering) did their summer internships at the Underwriters Laboratory in the summer of 2010. Five other students (**Shubham Chauhan**, **Divyank Singh**, **Abhilash Patel**, **Abhishek Kandoi** and **Maisum Dairkee**) will spend time at UL Chicago along with PV Labs of Case Western Reserve University, Cleveland, USA during the summer of 2012. The students are selected competitively each time through research projects sponsored by UL. Usually a large number of students participate in the competitions.

An IITGN-UL Kitchen Fire Lab has been set up at the Institute by the students under the guidance of **Prof. Chinmay Ghoroi**. The lab is partially funded by UL. Three undergraduate students, **Anchit Gaurav**, **Adnan Ansari**, and **Abhishek Umrao**, demonstrated working of their laboratory research set-up on kitchen-fire safety to **Mr August W. Schaefer**, Senior Vice-President,

and other officials of UL who visited IITGN on April 18, 2011. Students also made a power point presentation on National Fire Database and Kitchen Fire Safety in India.

Saurya Prakash Sinha, currently a 3rd year Electrical Engineering student, was invited to the UL Safety Seminar, Mumbai, July 19, 2011 to present the work carried out under UL research initiative by the team which also included **Shruti Jain**, **Ekta Prashnani** and **Divyank Singh**.

Ricoh Innovations, Inc. (RII)

Ricoh Innovations, Inc. (RII), USA and IITGN collaborate actively on projects of mutual interest. A consulting project titled Development of a user interface for facilitating literature search was sponsored by Ricoh Innovations, Inc. (RII), USA at IITGN. **Prof. Supreet Saini**, Chemical Engineering coordinated this project. **Adit Gupta** (ChE) did an internship at Ricoh Innovations, California in summer of 2011, while **Tarkeshwar Singh** and **Divyank Singh** worked on the project at IITGN.

Mr Hideki Segawa, Deputy General Manager of Ricoh Company Ltd, Tokyo and his colleagues **Ms Eiko Nakamoto** and **Ms Ryohko Ezoe** visited IITGN on May 5, 2011 to further discuss potential areas for collaborations in social entrepreneurship.

Dr Nikhil Balram, President of RII has been a Guest Professor at IITGN even before he joined RII. He has been visiting the Institute regularly, lecturing and guiding students projects.

MoUs with Other International Organizations

Sr. No.	Institutions	Purpose	MoU Signing date
1.	Institute Superieur D'Electronique De Paris (ISEP)	To develop academic & scientific relations between the two institutions	February 25, 2011
2.	Institute of Electrical and Electronics Engineers, Piscataway, NJ, USA	Framework for Engineering Faculty Development Pilot Programme	October 1, 2011
3.	Embassy of France	French Language Tutor Programme	January 27, 2012
4.	IHP GmbH, Germany	Collaboration in semiconductor device research	September 28, 2011
5.	The University of Massachusetts Lowell	Research collaborations and student & faculty exchange	May 7, 2012

First Batch Students Expected to go for Higher Studies in USA

Sr. No.	Name	Institute	Programme	Department at IITGN
1.	Ishan Tembhekar	Caltech	Ph. D.	Mechanical
2.	Neel Nadkarni	Caltech	Ph. D.	Mechanical
3.	Swetava Ganguli	Stanford University	Ph. D.	Mechanical
4.	Nitish Ratan	Univ. of California, Merced	Ph. D.	Mechanical
5.	Yogesh Goyal	Princeton University	Ph. D.	Chemical
6.	Luv Gupta	Stanford University	M. S.	Chemical
7.	Vivek Yadav	Univ. of Houston	Ph. D.	Chemical
8.	Prerit Terway	Univ. of Michigan, Ann Arbor	M. S.	Electrical
9.	Saurabh Nagrecha	Univ. of Notre Dame	Ph. D.	Electrical

Summer Internships at Universities/ Organisations Abroad

Sl. No.	Institution	Student name	Department	Year of internship
1.	Ecole Nationale Supérieure of Architecture de Montpellier (ENSAM), France	Swetava Ganguli	Mechanical Engineering	2010 2011
2	Nanyang Technological University, Singapore	Parichita Kapoor, Ankit Agarwal, Nitesh Gupta and Prerit Terway	Electrical Engineering	2010
		Manu Bansal, Ankit Agarwal, and Vishal Maheshwari		2011
3	Citrix Systems Inc., San Francisco	Tanmay Hiralal Balwa	Mechanical Engineering	2011
4	Deutscher Akademischer Austausch Dienst (DAAD), Germany	Luv Gupta	Chemical Engineering	2011
5	École Polytechnique Fédérale de Lausanne (EPFL), France	Prakash Kumar Uttam	Mechanical Engineering	2011
6	University of Houston, USA	Vivek Yadav	Chemical Engineering	2011
7.	University of Rhode Island, USA	Neel Prashant Nadkarni and Pankaj Kumar Yadav	Mechanical Engineering	2011
		Shyamal Kishore		2012
8.	University of Southern California, USA	Prerit Terway	Electrical Engineering	2011
9.	Duke University, USA	Narendranath B., Subhash Kunche and Aditi Dighe	Electrical Engineering	2012
10.	EPIR Technologies, Inc., Bolingbrook, IL	Shashank Naphade and Akshay Navalakha	Electrical Engineering	2012
11.	National University of Singapore	Chetas Joshi	Electrical Engineering	2012
12.	Syracuse University, USA	Shubham Agarwal	Electrical Engineering	2012
13.	University of Saskatchewan, Canada	Mohit Verma	Chemical Engineering	2012
14.	University of Strathclyde, Glasgow, Scotland	Dhruv Chokshi	Electrical Engineering	2011
		Prashant Patel	Mechanical Engineering	2012
15.	University of Wisconsin-Madison, Madison, WI, USA	Susmitha Purnima Kotu	Chemical Engineering	2012
16.	University of Notre Dame, Notre Dame, Indiana	Saurabh Hiten Nagrecha, Kishore R.	Electrical Engineering	2011
		Shubham Ranka		2012
17.	University of Washington, Seattle, WA	Abhijit Rajiv, Varun Gupta	Mechanical Engineering	2012
18.	Washington University, St. Louis, Missouri	Jeenam Jindal, Luv Gupta, Yogesh Goyal	Chemical Engineering	2010
		Pratyul Kapoor, Kanchan Patel, Shruti Jain		2011
		Shalinee Kavadiya, Akanksha Jagwani		2012
19.	John Hopkins University, Baltimore, USA	Nadkarni Neel Prashant, Lalitha Anusha, Joshi Nishant Shirish	Mechanical Engineering	2010
		Nitish Bhaje, Sarthak Jain	Electrical Engineering	2011

20.	California Institute of Technology, Pasadena	Borde Prashant Ashok, Prathamesh Arvind Juvatkar	Electrical Engineering	2011
		Ishan Deodatta Tembhekar	Mechanical Engineering	
		Shruti Jain	Chemical Engineering	2012
		Jainil Parekh, Pritesh Sankhe, Satyendra Singh Jadaun	Electrical Engineering	
		Rohit Chouksey, Mohak Patel	Mechanical Engineering	
21.	Underwriters Laboratories, Camas, WA	Vivek Yadav, Divyank Singh, Abhishek Umrao	Chemical Engineering	2010
		Adnan Ahmad Ansari, Anchit Gaurav	Mechanical Engineering	
		Saurya Prakash Sinha	Electrical Engineering	
		Divyank Singh, Ravi Teja	Chemical Engineering	2012
		U. Revanth Venkata Sandeep	Electrical Engineering	
		Abhilash Patel, Shubham Chauhan, Abhishek Kandoi, Maisum Ali Dairkee	Mechanical Engineering	

Other events and activities

Students from Manchester College, Indiana visit IITGN

A sixteen-member team of students, faculty, and staff members of Manchester College, Indiana, USA visited IIT Gandhinagar on January 15, 2012 as part of their travel course to India. They interacted with students, faculty and staff members of IITGN to understand the IIT system and its contribution to Indian education. **Prof. Sharmita Lahiri** coordinated the visit.

Reaching Out

Prof. Sudhir K. Jain and **Prof. Jaison Manjaly** visited the ISCTE – Lisbon University Institute (May 24-29, 2011) on the invitation of the Rector. A number of academic activities of mutual interest were discussed, and an MOU for academic collaborations signed. In Lisbon, Prof. Jain, as the Executive Vice-President of the International Association for Earthquake Engineering, also met with the organizing committee of the 15th World Conference on Earthquake Engineering scheduled to be held in Lisbon during September 24-28, 2012 and reviewed the preparations.

Prof. Sudhir K. Jain participated in the 19th CAETS Convention on “Engineering Analysis and Management to Reduce Risks” in Mexico City as a member of the delegation headed by the President of the Indian National Academy of Engineering (June 27 -

July 1, 2011). He also delivered a lecture on “The Road to Seismic Safety with Particular Reference to the Developing Countries”. Prof. Jain took this opportunity to visit University of California at Berkeley and at Los Angeles, University of Southern California, and the California Institute of Technology to develop institutional collaborations and to attract faculty candidates. He signed an MoU with Caltech on exchange of students. During this visit, Prof. Jain also sought support of and partnerships with several influential individuals and organizations in San Francisco, Los Angeles, Mexico and Chicago.

Prof. Sudhir K. Jain and **Prof. Subhash Deodhar** represented the Institute in the Pan-IIT Alumni Meet 2011 in New York (September 30 - October 2, 2011) and networked with eminent alumni of the IIT system. Prof. Jain also addressed graduate students and post-docs at Columbia University and MIT with a view to seek outstanding faculty candidates for the Institute. He visited Olin College which has acquired a reputation for innovations in engineering in a relatively short period, to explore opportunities for close cooperation between the two institutes. Prof. Jain also participated in the Young Investigators Meeting (YIM), Boston, October 8-10, 2011, an annual event to connect aspiring faculty candidates of Indian origin in the US with academic institutions in India. IIT Gandhinagar was one of the main sponsors of the YIM this year.