IIIT-Delhi Newsletter

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Institute News

Fifth Convocation of the Institute

The Fifth convocation of the institute was held on August 27, 2016. In this convocation we conferred 2 Ph.D., 163 B.Tech, and 82 M.Tech degrees, including 3 dual degrees. With this, we have graduated altogether around 800 students.The chief guest of the convocation this year was Mr. Naveen Tewari, Founder & CEO, InMobi. This year 47% of the total graduating students are girls which is higher than any top tech institute in the country. This year Megha Arora, received Chancellor's Gold Medal Award for the best academic performance of all the graduating students in the B.Tech 2016; Alakh Dhruv Chopra, received Chancellor's Gold Medal Award for the Best academic performance; Shreya Singh received The Best Academic Performance in B.Tech. and Sarthak Ahuja received All Round Performance Medal for the overall performance in curricular and extracurricular activities in the B.Tech. (CSE) program. Prof Jalote also mentioned that "based on the high average compen -sations that IIIT- Delhi's graduates receive the institute estimates that the 800 alumni of the institute will contribute over 100 crores to the GDP and 20 crores in income taxes this year". *"By most measures for place -ment – highest domestic salary offered, the percentage of students placed, mean and median offers – we are amongst the top few in the country"* cited Prof Jalote. He further added *"IIIT-Delhi will continue on the path of improving our research and education, leading to more successes and contributions to the society by our students and faculty."* Prof Jalote concluded. Chief Gueat Naaveen Tiwari also addressed the student saying *"Realize your potential, realize your potential of what you can do in life, because what you can do in life is only what you know ,go ahead and do what you love. Do it with crazy amount of passion"* At evening ended with nostalgic moment and camera clicks to capturing those moments forever.

Helping Hands Summer School Initiative

Helping Hands is an initiative of students of IIIT-Delhi. Under this, they have been visiting government schools in our neighborhood. These schools mostly have students from disadvantaged sections of our society. They organized

a 5-week summer school. The participants were children between 12 and 14 years of age and studying in class 8 and 9 clsses. They were nominated from the government schools where our students had been teaching during the semester. The summer school included sessions on using computers, problem solving, effective communication, and also drama, dance, and other fun activities.

Infosys Center for Artificial Intelligence

Infosys Foundation (the philanthropic arm of Infosys) is setting up a corpus of Rs. 24 crores at IIIT-Delhi to establish the **Infosys Center for Artificial Intelligence**. Mr. **Pravin Rao**, Chief Operating Officer of Infosys, inaugurated the Infosys Center for Artificial Intelligence and also unveiled the website of the center: http://cai.iiitd.ac.in.

This is one of the largest endowments that industry has provided to academia for research in India. The Center is collaborating with several academic and industrial partners in solving real-world AI problems. The center has started to work on three very interesting projects: *'I am Kalam'*, a project to create a virtual persona of Dr. Kalam; *'Swarath'*, a project towards creating an autonomous shuttle for the urban India; and *'Aurora'*, an intelligent UAV platform.

Third Public Lecture by Mr. Shekhar Gupta

The third public lecture at IIIT-Delhi was delivered by Mr. Shekhar Gupta, a journalist and columnist. Speaking on "Transforming Politics for the Modern Age, and the Role of Media", Mr. Gupta traced the evolution of the media over the last 50 years and compared it to the present scenario. He highlighted how the

changing times and the advent of internet have reduced our attention span. He also likened us to birds, who are easily distracted. Concluding his lively talk, Mr. Gupta quoted, "Great countries have a big heart." A big heart is needed achieve an openness which will come from the younger generation only. Encouraging free expression is the first step of a long process."

IIITD Hosted the 'Bela Theatre Karwaan'

IIIT-Delhi had the privilege of hosting the BelaTheatre Karwaan for their play titled 'Khayali Beemar', based on the French Playwright Moliere's 'Imaginary Invalid'. It was a 90-minute play based on the life of a hypochondriac and his relationship with his daughter and wife.

The 15-member cast and crew enacted how the hypocondriac, Gulrez, has a mounting crisis of medical bills. His doctor, who fakes medical bills, sets up an arranged marriage between his nephew and Gulrez's daughter, which Gulrez happily accepts. Although the writer used comic plots in the play, he clearly depicted the deception, selfishness, and greed of the society.

Shining Stars

IIIT-D Students Awarded Google Anita Borg Memorial Scholarship 2016

We are thrilled to announce that three students from IIIT-Delhi (Juhi Bhatnagar, Srishti Sengupta, Soumya Sharma) have received the Google Anita Borg Memorial Scholarship Asia-Pacific 2016. Google Anita Borg Memorial Scholarship encourages women to excel and become leaders in computing and technology. The scholars are selected on the basis of their academic and leadership skills. All selected students were invited to Google Scholars' Retreat, which was held in the Google Hyderabad office this year.

Best Innovation for Digital India Award at Accenture Innovation Jockey

Team Airpure under the flagship of AirZen (incubated at IIIT Delhi) won the category award for Best Innovation for Digital India at the Innovation Jockeys grand finale. Varun Jain, 3rd year, CSE BTech

BTech were the co-developers of the award-winning innovation 'Airpure', a pollution surveillance system that not just monitors indoor and outdoor pollution levels, but also provides customised health risks and solutions based on an individual's health, age, and gender.

IIIT-Delhi Teams Selected for Rails Girls Summer of Code

Three teams from IIIT-Delhi have qualified for Rails Girls Summer of Code this year. **They are 3 of the 4 teams qualified from India.** They are out of the 20 teams selected from all around the world. A total of 92 teams had applied for selection to this competitive program.

The selected teams include:
Vrinda Malhotra and Taneea S. Agrawaal (Team Twitches) – sponsored team
Soumya Sharma and Srishti Sengupta (Team l1ghtsab3r) – sponsored team
Mansi Goel and Sahar Siddiqui (Team Fedex++) – volunteer team

Shaan Chopra Won Discus Gold Medal

Shaan Chopra, currently in her second year of the B. Tech. program at IIIT-Delhi recently won the gold medal in the Discus Throw event at the **76th Delhi State Annual Athletics Championship, 2016,** with a personal best performance of 27.16 meters in the junior

women category. This is the fourth medal in a state-level event in discus throw. She has also won gold medals earlier in the Discus Throw sports fests; Spardha and Triquetra.

Foundation Day Celebration 2016

Eight years ago, the first day of classes was organized on 8th September. Starting this year, we have decided to celebrate September 8th as our Foundation Day. The first Foundation Day was full of activities; it started with the tree plantation by Prof. Jalote, followed by student performances and awards. A Random Act of Kindness was also included in the day plan to Help others. A Thank You Wall was also built to say thanks to each other.

The IIIT-Delhi Contingent Participated in Spardha-2016.

IIIT-Delhi contingent of 81 students participated in Spardha-2016, the annual sports fest of IIT-BHU from 21st October to 23rd October, 2016. This time we won gold medals in three sports – Table Tennis (Gunkirat Kaur, Syesha Girdhar, Arushi Jain), Short Put (Vahini Ummalaneni) and Discus Throw (Shaan Chopra).

First PhD Scholar in ECE, Graduated

Md. Ayatullah Maktoomi- our first Electronics and Communication PhD student defended his thesis entitled "Analytical Formulations for Systematic Design of Dual-/Tri-Frequency Impedance Transformation Networks Required in Software-Defined Radios (SDRs) and Energy Harvesting Applications".
He has published in reputed IEEE journals and has filed two Indian Patents. He has carried out his research under the supervision of Dr. Mohammad S. Hashmi.

Student Highfliers

- Prerna Agarwal and Richa Verma, under the guidance of Dr. Angshul Majumdar, have designed an appcalled FlickScore for collecting movie ratings for Indian movies and predicting what movies a user may like
- Dhruv Pargai finished the Olympic triathlon in the New Delhi Triathlon Championship; He was placed 7th in his age group and 12th overall.
  He completed the triathlon in 2:53:35 with the following stats:
  1.5 KM swim: 42 minutes
  40 KM cycling: 1 hour 24 minutes
  10 KM running: 43 minutes
  Transition time: 5 minutes

- Aneesh Dogra, Gurshabad Grover, Palash Bansal and Sambhav Satija(team d4rkc0de) secured the second runners-up spot at the finals of the Indian leg of CSAW CTF organised by NYU Tandon School of Engineering. d4rkc0de consists of Byld members: Aneesh Dogra, Gurshabad Grover, Palash Bansal and Sambhav Satija.
- Aditya Jain's projects got featured in 'The Tribune' and 'Indian Express'! The project aimed at 'Aerially Mapping Chandigarh City using Drone'. This is the first time that a city in India is aerially mapped using drone!! The project is being done under the guidance of Dr. P.B. Sujit (Professor, IIIT-Delhi), Prof Manoj Arora (Director, PEC) and Prof Sandhu (Professor, PEC).

Updates

Placements

We placed the graduating batch with the maximum annual compensation of Rs 32.5 lacs. The class of BTech 2016's average CTC went up from last year's Rs 9.33 lacs to Rs 11.41 lacs this year with highest being 26.82 lacs for Indian roles and 32.5 lacs for the overseas role. Similarly, the class of M.Tech 2016's average CTC went up from Rs 8.8 lacs to Rs 10.22 lacs highest being 19 lacs.

The Institute received 319 offers against 222 students who registered for campus placements, 220 were Indian offers and 2 were overseas This year we received 102 A+ offers which is almost double of last year 53 A+ Offers. Total 85 companies came for final placements out of which 38 were A+ and 47 were A. Recruiters included Google, IBM, Samsung, Accenture and many others that offered a diverse array of profiles like Software Developers, Research Engineers, Data Scientist, Design Engineer, System Engineer , Business Analyst, Frontend /Backend developers etc. last year has been a wonderful year for placements, we have been able to place 95% students of BTech CSE and 93.33 % MTech CSE. We were able to meet the student's interest & for the first time hosted the big 4 consulting groups in the campus.

In the second phase of the placement for class of 2017, our students grabbed 18 Full times offers from Qualcomm A+ Category Company, who visited IIIT-DELHI for the very first time. With this Qualcomm became the biggest recruiter of the season making a whopping 32 offers (14 intern offers & 18 full time offers).

Appointment of New Faculty and Staff

This semester has been very spirited in terms of recruitments. In administrative staff, Ms. Sheetu Ahuja has assumed the role of Manager-Academics. Ms. Prachi Mukherjee and Ms. Nisha Narwal joined as Junior Managers in Academics. Pranshu Nagpure was recruited as Assistant Manager for Placements & Internships. Sana Ali Naqvi, Khagendra Joshi and Abhijeet Mishra joined as Junior Research Engineers. Bhawani Shah, Adarsh Kumar Agarwal and Rahul Verma were recruited as Junior Managers for System Admin & Networking.

In faculty, Dr. Shriram Venkatraman has Joined the center of IT and Society. Dr. Vivek Kumar, Dr. Rahul Nagpal and Dr. Arun Balaji Buduru joined as faculty in Computer Science. Dr. Vibhor Kumar joined the center of Computational Biology.

Promotions

Dr. Mohammad S. Hashmi, has been promoted as Associate Professor. Dr. Hashmi was the first faculty member to join us in Electronics and Communication discipline.

Phase II Construction Update

Phase II construction which comprises of a new academic block, sports complex, lecture hall, faculty residence, and hostels is in full swing. The estimated delivery of the buildings is in late 2017. The expansion of infrastructure will cater to the requirements of 2500 students and 125 faculty members. The construction of Phase II will add another 64000 sq. meters of buildup are.

Faculty/Officers Achievements

- Mr. Abhinay Saxena, Manager IT, awarded "Top CTOs of Colleges Award"at "Digital Edge ICT Conclave on Education"
- Dr. Mayank Vatsa and Dr. Richa Singh gave a talk on Deep Learning and Face Recognition at IBM TJ Watson Research Center, Yorktown, NY
- A team of faculty from IIITD, consisting of Prof.Vinayak Naik, Prof. Pushpendra Singh, and Prof. Viswanath Gunturi, along with our ex-faculty, Mr. Navpreet Singh (IITK) selected as technical consultants, for project SAKSHAM, New Indirect Tax Network and Systems Integration of CBEC. SAKSHAM will help in implementation of GST, extension of the Customs Single Window Interface for Facilitating Trade (SWIFT) & other reforms.

Workshops

- IIIT-Delhi has organised a workshop from 8th-16th October, in collaboration with Codechef and IIT-Delhi for school students who want to participate in Zonal Computing Olympiad (ZCO) in preparation for the **Indian National Olympiad in Informatics (INOI).**
- IIIT-Delhi has organised a 3-day workshop on "**RF Active and Passive Circuit Design**" in association with Keysight Technologies Manesar, from 1st to 3rd October 2016. The three-day workshop was aimed at providing an in-depth knowledge of the state-of-the-art design techniques for active and passive RF circuits.
- A technical talk by DreamWorks Animation on **Animation Film Making & Technology** was organised on September 26.
- IIIT-Delhi conducted a workshop on September 17 to introduce the **Centre for IT and Society.** Academicians from various fields – anthropology, communication, sociology, policy, psychology, philosophy of science and technology, etc participated
- IIIT-Delhi, ECE Labs organized a workshop on **DSO-X 2002A** on September 9, B.Tech ECE freshers. Keysight experts presented "The Basics of Oscilloscopes and Function Generator" followed by a hands-on demonstration of the instrument.
- IIIT-Delhi hosted a one-day workshop on **Cancer awareness** on September 7. Organized by the Kulshrestha Cancer Care Charitable Trust (KCCC Trust) and oncologists of National Institute of Cancer Prevention & Research, Noida. Free-of-cost clinical support camp was also organised.
- IIIT-D Library and Information Center organized a technical talk on September 2 titled "**Authoring Quality Technical Articles**" The event was jointly organized by IIIT-Delhi and IEEE.
- The IIIT-D Library organised a session on Mendeley reference manager which on 12th August 2016.