



International
Institute of Information
Technology Bangalore

Newsletter | July 2017



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From the Director's Desk



The month of July is important for IIIT Bangalore, as our convocation takes place on the first Sunday of every July and we welcome our new batches of students in the second half of the month traditionally. Convocation 2017 was special with a record number (in double digits) of students graduating with Research degrees (Master of Science by Research/Doctor of Philosophy). Professor Indranil Manna, Director, IIT Kanpur, was the Chief Guest for the ceremony, and Dr. Subhash Chandra Khuntia, IAS, Chief Secretary, Government of Karnataka, was the Guest of Honour. Our first batch of students of the Integrated M.Tech. (iMTech), M.Sc Digital Society and Sponsored M.Tech. programs graduated on that day. Newly admitted batch of students in M.Tech. arrived on the campus on July 7. The new batch of

students arrived by the end of the month for all the other degree programs, including the third batch of M.Sc. in Digital Society. Our new academic block was used formally during the Convocation and is set for classes to begin in August.

India celebrated a success story in technological development in July. The DEMU (Diesel Electric Multiple Unit) train with solar panels on its coaches was launched at the Safdarjung Railway Station on July 14. But July 14 was also a sad day in the Mathematics world as Prof. Maryam Mirzakhani, the only woman to win the prestigious Fields Medal, passed away after a long battle with breast cancer on that day. She was awarded the Fields Medal in 2014 for her work in the Geometry of Riemannian surfaces. May her soul rest in peace.

HAPPY READING!

Achievements

Harishikesh (DT2016005), Shreekantha Nadig (MS2016010) and Abhijeet Bharadwaj (DT2016001) had participated in JUincubator Hackathon for Social Good, and won the third prize. It was held on July 5-6 at Sheraton Grand, Bengaluru. The team had created a web application for an urban planning game called iCarto.

A paper entitled "**A Calibration Technique for Current Steering DACs - Self Calibration with Capacitor Storage**" by Pallavi Darji and Prof. Chetan Parikh received the Best Paper Award at the 21st International Symposium on VLSI Design and Test held from June 29 to July 2 at IIT-Roorkee.

Campus News



Events

The **68th meeting of the Governing Body** was held on July 2.

17th Convocation was held on July 2, 2017. A total number of 269 students graduated, consisting of 4 Ph.D scholars, 8 Master of Science by Research, 149 M.Tech, 51 Sponsored M.Tech, 9 M.Sc. Digital Society and 48 integrated M.Tech students. Prof. Indranil Manna, Director, IIT Kanpur was the Chief Guest and Dr. Subhash Chandra Kuntia, IAS, Chief Secretary Govt of Karnataka, was the Guest of Honor.



The **third batch of Myanmar faculty** joined IIIT Bangalore on July 9.



The **new batch of M.Tech students** joined on July 7. A total of 167 students joined, consisting of 27 students in the ESD and 140 in the IT streams. The preparatory semester classes started on July 10.



There was a **change of campus caterer** on July 20. The catering services in the food court are provided by the Manipal Integrated Services (P) Ltd. with effect from July 21.

The **58th Senate Meeting** was held on July 26.



As a part of the SAC Election 2017-2018 process, Samruddhi Joshi (MT2017516) and Suraj Chaunal (MT2017122) organized a **Treasure Hunt** in the campus on July 29, where all the batches were invited. 60 participants took part in the event. Jitesh Barak (MT2016066), Jatin Joshi (MT2016065), Swatantra Pradhan (MT2016140) and Nishant Oli (MT2016096) were able to decode the puzzles and win prizes.

The new batch of **iMTech 2017 joined** on July 31. A total number of 66 students joined for this course. This comprises 42 students for CSE and 24 students for ECE. Orientation and interaction sessions were conducted for the parents on the same day.



Publication Including Presentations

The paper titled "**Give Us Your Huddled Young Sparks, Economic Times**" by Prof. V. Sridhar and Dr. Kala Sridhar has appeared in The Economics Times on July 8.

The same can be accessed at:

<http://blogs.economictimes.indiatimes.com/et-commentary/give-us-your-huddled-young-sparks/>

The article titled "**The Puzzle of Telecom Regulation**" by Prof. V. Sridhar and Prof. Rohit Prasad, MDI, Gurugram has appeared in The Hindu Business Line on July 10.

The same can be accessed at:

<http://www.thehindubusinessline.com/opinion/the-puzzle-of-telecom-regulation/article9758267.ece>

The article titled **“Why are Telecom Firms in the Doldrums?”** by Prof. V. Sridhar and Prof. Rohit. R, MDI, Gurugram has appeared in Live Mint on July 12.

The same can be accessed at:

<http://www.livemint.com/Opinion/Zt5OmUwqgZOIPovXdrnLiP/Why-are-telecom-firms-in-the-doldrums.html>

Jaya Sreevalsan Nair presented her paper titled **“Using Gradients and Tensor Voting in 3D Local Geometric Descriptors for Feature Detection in Airborne LIDAR Point Clouds Urban Region”** co-authored by Akshay Jindal at the 2017 IEEE International Geoscience and Remote Sensing Symposium, during July 23-28, at the Fort Worth, Texas, U.S.A. The paper will appear in the conference proceedings in IEEE Xplore.



IIITB In Media

[269 students get degrees](#)

[Bengaluru: Visually impaired woman tops IIITB course](#)

[Dream on making maths, science accessible to blind](#)

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[IIIT-B students offered job by Malaysian firm with a dream package](#)

[IIIT-B convocation: All eyes were on visually challenged topper](#)

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[Indian Ahead - IIITB Convocation](#)

[India's best companies to work for 2017: In NetApp India, employees are allowed to control their space](#)

[Not just a child's play](#)

[Prajavani - IIITB Convocation](#)

[Signs & security](#)

[Smart city: Govt forms panel to vet tech projects of 7 cities](#)

[There's a world beyond the IITs](#)

[They were blind to her abilities, her feat opened their eyes](#)

[Tool to report harassment during travel](#)

[Vijaya Karnataka - IIITB Convocation](#)

[Vijayavani - IIITB Convocation](#)

[Visually impaired girl tops PG course IIITB](#)

[Visually-impaired student tops IIIT-B](#)



Faculty and Staff

Prof. Manish Gupta attended the conference for **ACM's Celebration of 50 Years of the A.M. Turing Award** during June 23-24, at the Westin St. Francis in San Francisco, California, U.S.A. Manish, an ACM Fellow, had attended several talks by ACM Turing laureates and panel discussions where many of the ACM Turing laureates were panelists and gave their insights on the direction towards which Computer Science is heading currently and in the near future. He will be sharing his excerpts and takeaways from some of these panel discussions in the Institute social media page soon.

Details of the conference can be found at <https://www.acm.org/turing-award-50/conference>



Prof. T.K. Srikanth was an invited speaker at 'Sanmathi', a conference aiming to bring together arts, autism and technology. The conference was organized by Hitham Trust, founded by Carnatic vocalist Bombay Jayashri and was held in Chennai at the Madras School of Economics on July 29.



There are new faces and roles on campus. Details of their joining:

July 4: Kuhu Gupta, Project Staff

July 24: Nitin Nair, Project Staff



Students

Aravind Reddy (IMT2015524), Krishna Nagaraj (IMT2015512), Vinay Chandrashekar (IMT2015523), Dr. Madhav Rao (IIIT Bangalore), and Dr. Vikas Vazhayil (NIMHANS and PH2016014) demonstrated the prototypes of assistive and surgical devices in the **CI Innovation Summit** held during July 13-14 in Hotel Lalit Ashok, Bengaluru. The group demonstrated a surgical snake device envisioned to be usable as a single port endoscopy probe, an assistive and wearable lower limb device to overcome DVT problems, as well as a programmable Braille reader device. The group demonstrated the devices to Shri Priyank Kharge, Minister for IT/BT, Government of Karnataka, and Shri R V Deshpande, Minister for Large and Medium Industries, Government of Karnataka.



On July 6, Aparna Lalingkar (PH2008902) participated in the meeting of Indian students in Israel with the Primer Minister of India, Shri Narendra Modi, during his visit to Israel. Aparna attended the meeting as the Student Coordinator for Indian students of the University of Haifa. Presently, she is a Postdoctoral Researcher at the University of Haifa.





Academic Milestones

July 25: The State of the Art Seminar on “**Enhanced MAC for QoS in LTE/LTE-Advanced Network**” by Saptarshi Chaudhuri (PH2010902)



Guest Talks

July 19: Mr.Rohit Bansal, Co-founder, Sahaj Software Solutions

July 20: Dr. Bill Thies, Microsoft Research India/Everwell Health Solutions

July 24: “**Startups - Building sustainable brands and marketing functions**” by Mr. Deepak Nachnani, Founder, CEO, Coviam Technologies.

July 25: Mr. Shubhranshu Choudhury, Founder, CGNet Swara, (Skype Session)

July 26: Ms. Pavithra Y.S., Managing Director, Vindhya e-Infomedia Pvt. Ltd.

July 26: Mr. Akshay Bharadwaj, and Mr. Deepak Sawant, Senior Product Managers, Adobe Systems

July 26: Mr. Dipendra Manocha, Vice-President, National Association for the Blind; Managing Trustee, Saksham Trust (Skype Session)

July 27: Mr. Manish Pillewar, Experience Designer, Sahaj Software Solutions

July 28: “Using Social Accountability Tools to Include Citizen Voices in Public Service Delivery” by Dr. Meena Nair, Head, Participatory Governance Research Group, Public Affairs Centre

July 28: Dr. Brian DeRenzi, Senior Lecturer, University of Cape Town

July 31: Mr. Krishna Kumar Natarajan, Executive Chairman, Mindtree



Campus Visitors

July 3: Dr. Rangachar Kasturi, Douglas W. Hood Professor of Computer Science and Engineering, University of South Florida.

July 6: Mr. Venkat, Managing Director, McAfee India; and Mr. Kulki, Sr. Principal Engineer, Research head.

July 10: Prof. L. Prasad, IIMB

July 14: Mr. Rajesh Tirumala Raju, SIFY

July 19: Mr. Krishna Kumar CEO, Simplilearn



Campus Calendar for August

August 1: Term I (2017-2018) begins

August 5: Graduation of the first batch of Post Graduate Diploma in Data Analytics

August 8: Last date for add/drop of courses

August 15: Independence Day celebrations

August 25: Holiday for Vinayaka Chaturthi



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