iiit-b

International Institute of Information Technology Bangalore

Newsletter | August 2017

Inside this Issue

- FROM THE DIRECTOR'S DESK
- ACHIEVEMENTS
- CAMPUS NEWS
- CAMPUS CALENDAR FOR SEPTEMBER

From the Director's Desk

August is the month when the new students join and the old students get back to campus after the summer break. All the classes have started in full swing as Term I of this academic year begins. I take this opportunity to extend a hearty welcome to each and every student and wish them the very best during their stay at IIIT Bangalore.

The 43-year old Marconi Society had announced that Prof. Thomas Kailath, the Hitachi America Professor of Engineering, Emeritus, Stanford University, will be honoured with its Lifetime Achievement Award. Prof. Tom was the Chief Guest at our 2011 Convocation Ceremony and has been a close associate of our Institute. Our hearty congratulations to Prof. Tom. This award

has been conferred only 6 times so far. More details are available at:

http://marconisociety.org/2017-lifetime-achievement-award/

The month of August witnessed a record rainfall in Bengaluru along with sluggish traffic.

HAPPY READING!

Achievements

IETE has announced in August 2017 that Prof. Debabrata Das will be honoured with the **"IETE-Prof. K Sreenivasan Memorial Award-2017"** for Outstanding Teaching in the Area of Telecommunication. More details of Institute of Electronics and Telecommunication Engineers (IETE) Awards: http://www.iete.org/IETE-Awards.html

The awards will be presented during the IETE Annual Technical Convention on September 17, 2017, at the Rajagiri School of Engineering and Technology, Kakkanad, Kochi.

At its meeting on August 30, 2017, the Institute Faculty Selection and Promotion Committee recommended the **promotion of Dr. Neelam Sinha and Dr. Jaya Sreevalsan Nair to Associate Professor**, with immediate effect.

Campus News

Events

Term I of 2017-18 academic year started on August 1.

The new **batch of iMTech** joined on July 31. Orientation for the students and an interaction session with the parents was also held on the same day.

The **new batch of Master of Science by Research and Ph.D. programmes** joined on August 1. Prof. Manisha Kulkarni, the programme coordinator, conducted the orientation.

1st Graduation Ceremony of Post Graduate Diploma in Data Analytics was held on August 5 at IIIT Bangalore. The first cohort started with 291 students out of which 231 students graduated. Students received their degrees from the Chief Guest, Mr. Naresh Shah, President, EG India R&D, Hewlett Packard Enterprise, and Mr. Ronnie Screwvala, Co-Founder, UpGrad. Prof. S. Sadagopan, Director, IIIT Bangalore, Prof. Chandrashekar Ramanathan, Dean (Academics) IIIT Bangalore, Prof. Tricha Anjali, Coordinator PGDDA programme, Mr. Mayank Kumar, Co-Founder UpGrad and other faculty members of IIIT Bangalore attended the event.

IIIT Bangalore grieves the untimely demise of Goluguri Sai Sarat (IMT2014014) on August 11. The classes were suspended on the day. A candlelight meeting was held on campus on August 14, in memory of Sai Sarat.

The **71st Independence Day** was celebrated at IIIT Bangalore on August 15. The national flag was hoisted by the Chief Guest for the day, Vidya Y. (DT2015009), our alumnus. The flag hoisting was followed by the National Anthem. Tree planting in the campus was the highlight of the event. Prof. S. Sadagopan, and several members from the Faculty, the Staff, and the student body attended the event.

The election for the **Student Activity Council** 2017 (SAC) was held on August 17. The process of identifying the new SAC started in the first week of August and culminated with the elections. After a fun round of creative introductions by the candidates, they were each assigned an event to organize. There were several fun events like Musical Night, Treasure Hunt, Smash-a-thon (Badminton), Shootout (Carrom) and Gully Cricket at IIIT Bangalore. During these events, the candidates showed their leadership and management skills in the way in which they handled certain tasks and scenarios. The students participated in these events with enthusiasm. The SAC 2016 guided the nominees throughout the process till the final elections. The SAC elections follow a democratic process overall, as a tradition. Apoorva Bhalla (DT2017002) & Sriram N.G. (DT2017009) from M.Sc. Digital Society programme,
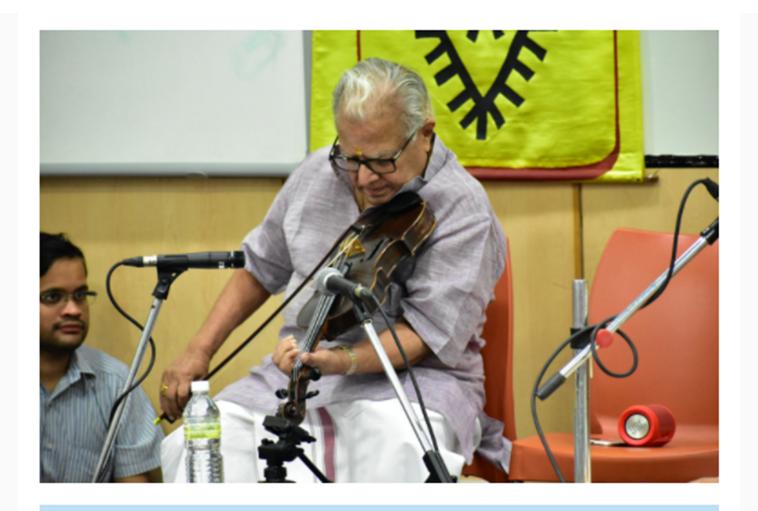
Samruddhi Joshi (MT2017516) from M.Tech.(ESD) programme & Suryakant Mishra (MT2017123) of M.Tech. (IT) programme have been elected as SAC 2017 members based on majority votes from the students as their representatives for 2017-18.

Centre for Information Technology and Public Policy (CITAPP) at IIIT Bangalore along with the Everett Programme for Technology and Change at the University of California Santa Cruz organized a workshop on **"Economic Inclusivity in India: Conceptual and Empirical Recommendations for an Indicator Framework"** on August 19. This workshop is a part of a larger study on Inclusive Economies, supported by the Rockefeller Foundation. In its attempt to better promote inclusive economies, the researchers in the project team are developing a framework to better understand and measure inclusivity, focusing on five broad dimensions, namely, growth, equity, participation, stability and sustainability. The workshop was attended by the experts from within Bengaluru and other parts of the country where the project team presented its findings from applying the framework in the Indian context and sought expert opinion on the relevance and usefulness of the framework on different aspects of inclusivity and development in India.

The Innovation Studio at IIIT Bangalore organized a **seminar on MVC architecture** on August 18. The speaker was Awais Tyagi (MT2016086). The seminar was attended by around 100 students.

The student club, **Competitive Programming Club**, was launched on August 19, with the aim to prepare iMTech students for the ACM ICPC - the Olympics of programming. It is being run by Aditya Paliwal (IMT2013004), P. S. Srinivasan (IMT2013028), Simran Dokania (IMT2013044) and Shyam K. B. (IMT2014050) who had represented IIIT Bangalore at the World Finals held in May 2017.

SPIC MACAY IIIT Bangalore chapter presented **Carnatic Violin by Prof. T. N. Krishnan with Sri. M. R. Sainath on Mridangam and Sri. Vaikom Gopalakrishnan on Ghatam** on August 23. Testimonials on the event included the following: "Prof. T. N. Krishnan's music moves at a leisurely pace, self-reliant with a rich classical overtone. The marriage between the bow and the strings is a gift of God and polishing it further depends on the amount of practice a vidwan has put in. TNK's bowing makes his violin sing expressively."

Ganesh Chaturthi was celebrated at IIIT Bangalore during August 25-27.

Z Nation Lab in association with IIIT Bangalore organized **Khoj 2017** Bangalore on August 30.

On August 30, the Government of Karnataka announced the winners of the ELEVATE 100 programme, which includes VideoKen, which is incubated at the IIIT Bangalore Innovation Center. Prof. Manish Gupta is the CEO and co-founder of Videoken. The winners of ELEVATE 100 are innovative tech startups will get financial support from the government of about Rs 35 crore. Five other start-ups incubated at the Innovation Center were shortlisted for the final round, and were thus, runners-up.

More details are at: http://economictimes.indiatimes.com/small-biz/startups/karnataka-picks-up-100-most-innovative-startups-to-give-rs-35-cr-in-funding/articleshow/60294651.cms

Publication Including Presentations

Yashvanth Kondi (IMT2012053) presented the paper titled **"Privacy-Free Garbled Circuits for Formulas: Size Zero and Information-Theoretic"** at the 37th International Cryptology Conference, CRYPTO 2017 (https://www.iacr.org/conferences/crypto2017/), held at University of California Santa Barbara during August 20-24.

The full paper citation is: Yashvanth Kondi and Arpita Patra. "Privacy-Free Garbled Circuits for Formulas: Size Zero and Information-Theoretic, Annual International Cryptology Conference: Advances in Cryptology" CRYPTO 2017, pp 188-222, LNCS 10401, Springer, 2017.

The article titled **"For Digital India to Really Reap Benefits, Some Key Technology-Related Issues Need to be Resolved"** by Kala S. Sridhar & Prof. V. Sridhar has appeared in The Economics Times on August 19.

The article titled **"The Border Runs Through Us"** by Prof. Preeti Mudliar has appeared in The Indian Express on August 13.
The same can be accessed at : http://indianexpress.com/article/india/the-border-runs-through-us-comilla-kalibari-in-kamlasagar-tripura-agartala-4793289/

IIITB In Media

AT IIITB - 1st batch of online PGDDA graduates

Breaking barriers

Graduate Ceremony for PGDDA in IIITB

IIIT-B, UpGrad to start PG Diploma course in Software Skills

IIIT-Bengaluru to Provide Software Training to 10000 Students

IIITB-UpGrad partner to launch a Software Engineering course

IIITB-UpGrad partner to train over 10K Software Engineers

IIT-B students invite you for anonymous Convers(t)ation

Indian-born Stanford professor receives Marconi Lifetime ...

Indian-born Stanford Professor Thomas Kailath given Lifetime ...

IT professionals shelling out up to Rs 4 lakh to reskill

IT pros spend up to Rs 4L on learning new tech

Marconi Lifetime Achievement Award for Indian-born Stanford ...

Milkman elusive? Here's a cart which brings morning needs to your ...

PGDDA Graduation

Team working on device to snap crimes in real time

Want To Update Your Software Skills? IIIT-Bengaluru Starts 11 ...

StartupXSeed Ventures looks to invest in AI, AR firms

The Border Runs Through Us

StartupXSeed Ventures looks to invest in AI, AR firms

Faculty and Staff

Prof. Meenakshi D'Souza delivered two talks on **"Connections Between Finite State Automata and Logics Over Words"** at a faculty development programme hosted by the Department of Computer Science, Acharya Institute of Technology, Bengaluru, on August 1.

Prof. Meenakshi D'souza delivered an invited lecture on **"Symbolic Execution Based Testing"** at a national conference on Software Engineering and Applications hosted by the Department of Computer Science, Sacred Heart College (Autonomous), Tirupattur, India, on August 4.

Balaji Parthasarathy was invited by the Udayabhanu Kalasangha to deliver a talk titled **"The Impact of Science and Technology on Society"** at the SJR College for Women, Rajajinagar, Bengaluru on August 16.

Prof. Sujit Kumar Chakrabarti participated in a panel discussion on **"Women in Education"** at IISc on August 19. The panel discussion was part of the WiSER event organized by the IISc Alumni Association.

The **"Internal Complaint Committee to Prevent Sexual Harassment of Women at the Workplace"** referred to as the Internal Complaints Committee (ICC) at IIIT Bangalore, has been reconstituted on July 26. Prof. Meenakshi D' Souza chairs the ICC, and Profs. Janaki Srinivasan and Chetan Parikh, Cmde S. R. Sridhar, the Registrar, and Ms. Cynthia D'Mello, Staff Officer to the Dean's Office, in addition to three nominated student members and an external member, are current members of the ICC.

On July 29, the Karnataka Urban Infrastructure Development and Finance Corporation (KUIDFC), announced their technical committee, of which Prof. S. Rajagopalan ia a member, for approving projects in the Smart City Mission in Karnataka. KUDFC is the nodal agency for the Smart City project.

More details at: http://www.deccanherald.com/content/625302/smart-city-govt-forms-panel.html

---

Students

Satvik Ramprasad (IMT2016008) and Biswesh Mahapatra (IMT2016050) have developed a **web-based tool Logix** that can be used to design logic circuits/chips. This is an enhanced version of the tool named Logisim (not web-based). The tool is useful for learning Electrical Logic Circuit design with more enhanced features compare to Logisim. This tool may also be used to build hardware for embedded systems including those using ARM, MIPS and other similar microcontrollers.

For details: (http://www.iiitb.org/experiments.php)

The student club, **IIIT Bangalore Robotics Club**, presented their ongoing work on July 26.

Academic Milestones

August 3: Thesis Oral Examination on **"Semantic Integration and Knowledge Representation of Open Data Powered By Linked Open Data"** by Asha Subramanian (PH2013001).

August 7: Open Seminar on **"Parameter-importance based Methods for Variation-aware Analog Yield Optimization"** by Sita Kondamadugula (PH2010904)

August 18: "Knowledge Matters: Equity, Growth and and the Future of Work in the Information Economy" by Prof. Chris Benner, University of California, Santa Cruz.

August 29: Talk by Shubhranshu Choudhary, Founder, CGNet Swara, on the ground realities of Development in the tribal areas of Chhattisgarh and initiatives to make journalism more democratic through his work at CGNet Swara.

August 30: The I-MACX Turiya Club organized a lecture titled **"Yoga: The Root of All Happiness"** by ISKCON Prabhu(s)

Campus Visitors

Aug 8: Dr. M. K. Sridhar, Member Higher Education

Aug 9: Mr. Suby Ivatury and Mr. Niranjan Maka, MD VMware

Aug 16: Ms. B. Priyanka IAS, Asst Secretary to Govt. of India, Ministry of Electronics

Aug 22: Ms. Richa Singh, YourDOST

Campus Calendar for September

September 2: Workshop on Privacy and Global Data Protection: Case of India

September 5: Teachers' Day celebration

September 6: Talk by Dr. Shirin Madon, London School of Economics and Political Science

September 8-10: ADCOM 2017

September 9: Onam celebration

September 15: Inauguration of Basketball and Tennis courts

September 15: 18th Foundation Day

September 16: A round table discussion on "People with Disabilities and, Digital Economies, Rural Livelihoods, Inclusion & Participation", organized by EHRC and CITAPP in collaboration with the Disability NGOs Alliance, Srishti Institute of Art, Design & Technology, and Azim Premji University.

September 18-23: Mid-Term exam

September 25-October 2: Mid-Term break