



International
Institute of Information
Technology Bangalore

Newsletter

September 2019



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From the Director's Desk



As per our tradition, we celebrated the Foundation Day on 15th September, a landmark year for us, since this is our 20th year. This year we had cultural programs by students, marked by outstanding performances. On a different note, we hosted the ADCOM 2019 Conference at IIIT Bangalore, that saw many

renowned scholars from IISc, IITK, Industry, Government and IIITB, as Guest Speakers. As part of the Conference, there was a Special Postal Cover release by Dr. Charles Lobo, Chief Postmaster General of Karnataka, to commemorate 25 years of ADCOM dedicated to the quartet of Prof. V. Rajaraman, Dr. S. Ramani, Dr. N. Seshagiri and Shri. N. Vittal, who pushed technology to mainstream India. There was fireside chat between Jitendra Chadda & Prof. Ramgopal Rao. This year's ADCOM award given to Dr. Ramgopal Rao, Director, IITD.

We hosted special visitors from NASSCOM, and also a Delegation from South Korea. We had our 77th Governing Body Meeting and also our 21st AGM. Blood Donation Camp was also conducted. We began our Samvaad talk series with external speakers. Besides, the UGC - Swachhta Campus expert team visited our campus.

HAPPY READING! You will find more details elsewhere in this newsletter.

HAPPY READING!

Achievements



Google has recently announced a new AI research lab in India and we are proud to say that Dr. Manish Gupta, faculty member, IIIT Bangalore, a renowned computer scientist and an ACM fellow, will lead the Indian AI lab. Congratulations!

Prof. Chandrashekar Ramanathan was recognized among the **"10 Most Prominent Data Science Academicians In India"** for the year 2019 by Analytics India Magazine. Full list can be accessed here <https://www.analyticsindiamag.com/10-most-prominent-data-science-academicians-in-india-2019/>



Mr. **Vivek Yadav**, our adjunct faculty, received **Distinguished Alumni Award** from Rajiv Gandhi Proudyogiki Vishwavidyalaya, Madhya Pradesh. The award was presented by **Honourable Lalji Tandon**, Governor of Madhya Pradesh, during the Foundation day ceremony in Bhopal on 5th September.



Campus News



Ganesh Chaturthi was celebrated during September 2-4 at IITB. Students welcomed Ganesha on September 2nd with a small procession. After the ceremonial pujas for three days, Murti visarjan was performed on October 4th with a Puja and procession.



The **77th meeting of the Governing body** was held on September 4.

The **Advanced Computing and Communications Society (ACCS)** unveiled the **25th edition of its flagship conference – Advanced Computing and Communications (ADCOM 2019)** on September 5 at IIITB campus in Electronic city. This year, the conference explored the 5th generation of technology in cellular mobile and wireless communications (5G).

Read more: <https://www.iiitb.ac.in/blogs.php?pid=adcom-2019-held-at-iiitb>

172 IIITB students and staff came forward to **donate blood** and **blood stem cell** at the Blood donation Camp organized in the campus on September 5. The camp, set up by Bangalore Medical Services Trust (BMST), a not for profit organization working in the field of blood banking and transfusion was organized with the aim to encourage the youth to donate blood, and to spread awareness.



Students celebrated Teachers' Day on September 5. The event was filled with a lot of fun performances among them Improv was attracted the audience. Parvaaz (Theatre and Arts Club) performed a play titled "**Fakir Singh**". A parody of Kabhir Singh, it depicted the stress which students will go through while attending placement-related events. As a token of appreciation, all Professors were gifted a croton plant, along with handmade book marks.



Freshers' Night is one of the most looking forward events by students and serves as an ice breaker, where freshers get to interact closely with seniors.

This time, the Freshers' night was organized on September 7. The theme of the event was Neon. To create the theme the organisers (SAC) switched off the venue lights, provided

everyone with neon wrist bands and painted their faces with glowing paints. The neon themed photo booth was the attraction of the Freshers's night.



A Memorandum of Understanding was signed between IIITB and Tongmyong University (동명대학교), Republic of Korea on September 12, 2019. The MoU has been signed to promote exchange of scholarly information, materials, and publications, Exchange of Faculty and Students, Collaboration in research and scholarly meetings and short-term education and training programs. Mr Lee, Eung- Joo, Vice President of Tongmyong University and Prof S Sadagopan were present on the occasion along with other delegates. The MoU was signed by Mr Lee, Dung- Joo and Commodore SR Sridhar (Retd) Registrar, IIITB.



21st Annual General body meeting was held on September 21.



Onam, the annual harvest festival was celebrated at IIITB on September 21.

Students were in the traditional Kerala attire and decorated the campus with Pookalam. A couple of traditional games were also organized as part of the Onam celebrations.



Violin recital, dance performance, quiz contest, traditional Indonesian tango-all this and much more was part of the IIITB's 20th Foundation Day celebrations held on September 15. In the event showcasing culture and tradition in full swing, students, faculty, parents, alumni and staff, all came together at the institute's campus in Electronic city to celebrate its 20th birth anniversary.

On the occasion, our Director, Prof. S Sadagopan, spoke at length about IIITB's achievements and efforts towards attaining its goal of becoming a world-class educational institution. As part of the celebration, a coffee table book was also launched. The book is a compilation of pictures and comments by our Alumni, Board members and faculty, expressing what the Institute means to them. The event's platform was also used to launch the Institute's new website. Few contests were organised as part of Foundation day celebrations and prizes to the winners were distributed at the event. The following are the contests and winners:

Contest name: Best out of waste.

Winner: Adarsh (Finance staff)

1st runner up: Kalpana (Project Staff)

2nd runner up: Mythri (Front office staff)

Contest Name: Vision 2020

Winner: Daneesh (Project Staff)

Contest name: Eureka (Quiz)

Winners: Prof. R. Chandrashekar, Mrunal (iMTech) and Tanmay (iMTech)

Runners up: Mythri (Front office staff), Shivaprakash (Facility and Infrastructure staff) and Tejas (iMTech)

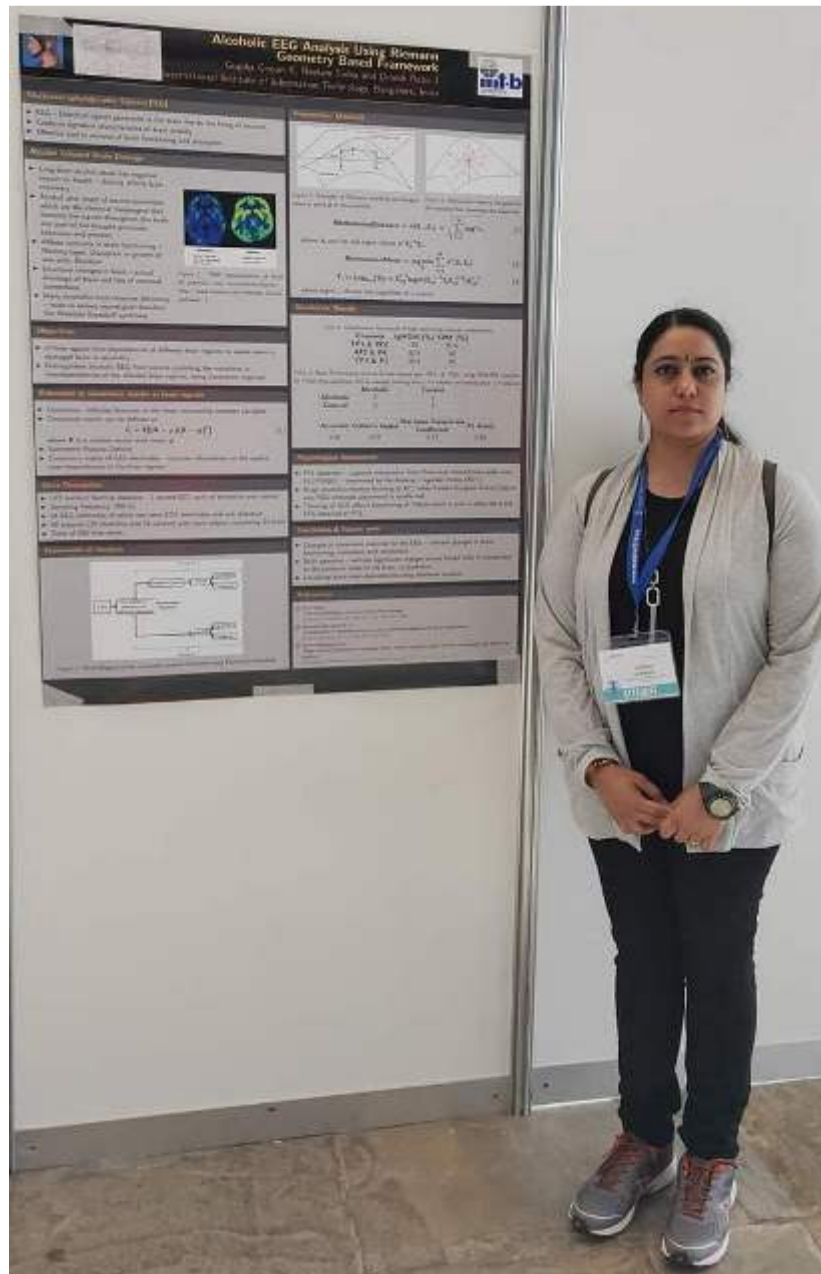


Mid-Term exams held during September 25-October 01.



Publication Including Presentations

Gopika Gopan K (PH2014003) presented her paper entitled "**Alcoholic EEG Analysis Using Riemann Geometry Based Framework**", jointly authored with Profs. Neelam Sinha, and Dinesh Babu J, at the 27th European Signal Processing Conference(EUSIPCO 2019) at A Coruna, Spain, held from 2nd to 6th September 2019



Chaitali Diwan (PH2016002) presented her paper entitled **“Automatic Generation of Coherent Learning Pathways from Open Educational Resources”**, jointly authored with Prof. Srinath Srinivasa, and Dr. Prasad Ram, at the 14th European Conference on Technology Enhanced Learning (EC-TEL 2019) at TU Delft, Netherlands. Paper is available at the following link: https://link.springer.com/chapter/10.1007/978-3-030-29736-7_24

Prof. Preeti Mudliar's work on the gendered access and use of Public WiFi hotspots was covered by L'Actualite, a Montreal-based French-language public affairs magazine in Canada as part of a story on women's access and use of the Internet in India. The article is authored by Isabelle Gregoire and is available for reading on this link <https://lactualite.com/monde/internet-pour-toutes/>

Pranav Kedia (IMT2015518) presented a paper titled **“Design and development of an autonomous in-seat passenger state identification in a modern vigilance enabled public transportation system”** at the IEEE International Conference on Vehicular

Electronics and Safety, held in Cairo, Egypt on September 4 - 6, 2019. Pranav Kedia (IMT2015518) , Pranav Aggrawal(IMT2015517), and Dr. Madhav Rao are the authors of the paper.



Prof. Sridhar's book titled "**Emerging ICT Policies and Regulations: Roadmap to Digital Economies**", has been published by Springer Nature Worldwide. More details at <https://link.springer.com/book/10.1007/978-981-32-9022-8>

Prof. B. Ashok. "**Tubes and containers at the nano and microscales: Statics and dynamics**", Indian Academy of Sciences Conference Series Volume 2, pp.19-24 (2019). DOI: 10.29195/iascs.02.01.0003



September 23,2019:Nitin Bhatia (MS2015008) Completed his thesis Oral Examination titled "**Formal verification of software for programmable graphics processing units**".

Faculty & Staff

Profs. Sridhar and Shrisha Rao have received a Research Gift of INR 14,08,750 from Facebook under the "Ethics in AI - India Research Awards" for their project titled "**Regulatory Impact Assessment of the National AI Market Place of India**"

Profs. Sridhar, Balaji Parthasarathy, and Preeti Mudliar have received a grant of INR

19,55,800 under the "Azim Premji University Research Funding Programme - 2019" for their project titled "**Online and offline livelihoods - An analysis of the impact of the gig economy on worker participation**".

Prof. Sachit Rao was invited to participate in the workshop, "**Emergency flood planning and management using Unmanned Aerial Vehicles**", which was held on 18 September 2019, at the Department of Aerospace Engineering, Indian Institute of Science, Bangalore.

Balaji Parthasarathy is the Lead Investigator (India) for a multi-national research project titled "**Fairwork Foundation: Towards fairwork in the platform economy**", with Janaki Srinivasan as Co-investigator. The project is being undertaken in collaboration with University of Oxford, UK, and the University of Cape Town, South Africa, with support from the Deutsche Gesellschaft fur Internationale Zusammenarbeiten (GiZ) GmbH. IIITB has been granted 78,500 Euros (INR 61,35,250) toward the research to be pursued until 31 August 2020.

Profs. S. Sadagopan, V Sridhar, Tricha Anjali, Ashish Choudhury and Srinivas Vivek met Police Commissioner Shri. Bhaskar Rao and team at their office, on 18th September, 2019 to discuss the technological aspects of investigating cyber crimes.

Prof. Srinivas Vivek was invited to deliver a lecture at the National Workshop on Cryptology (NWC 2019) held at Presidency University, Bengaluru, between 26th-28th September, 2019. The title of the talk was "**Cryptanalysis of a Protocol for Efficient Sorting on Homomorphically Encrypted Data**".

Prof. Srinivas Vivek was invited to deliver a lecture on "**Cryptographic Engineering**" at the Siddaganga Institute of Technology, Tumkuru, on 30th September 2019.

Samvaad

September 5: "**Re-architecting Education for 21st Century Relevance: The IIMBx Experience**", by Prof. P. D. Jose, IIM Bangalore



September 9: **"Navigated Learning: Pedagogy for a connected world"**, by Prof. Srinath Srinivasa.



September 16: **"Teaching the Millennial Generation and The Future of Learning"**, by Prof. Chetan Parikh.

September 23: **"The constructivist learning paradigm and technology choice in publicly-funded schools"**, Prof. Amit Prakash.



September 30: **"Using AI to Transform Informational Videos and Our Watching Behavior"**, by Prof. Manish Gupta, IIIT Bangalore



Guest Talks

September 13: **"AI in Healthcare"** by Radhika Radhakrishnan, Programme Officer, Centre for Internet and Society, New Delhi

September 17: **"WhatsApp Vigilantes? An exploration of citizen reception and construction of WhatsApp messages' triggering mob violence in India"** by Anushi Agrawal & Nihal Passanha, Maraa, Bangalore

Visitors

September 04: Dr. Ramana Reddy, IAS, IT Secretary

September 10: Dr. Mukund Rao, Member-Secretary, Karnataka Jnana Aayoga

September 10: Visit of NASSCOM delegation. Following are the members of this delegation:

1. Ms Debjani Ghosh, President – Nasscom
2. Ms Sangeeta Gupta, Senior Vice President & chief strategy officer
3. Mr K S Viswanathan, Vice President, Industry Initiatives
4. Mr Shivendra Singh, Vice President, Global Trade Development
5. Mr Srikanth Srinivasan, Senior Director & Head
6. Mr Gaurav Hazra, Head, India Market Development
7. Mr Gopal Sharma, Head of Finance, Operations and Controls
8. Mr Sandeep Bahl, Senior Director-Events
9. Mr Sanjeev Malhotra, Chief Executive Office, Centre of Excellence -IoT
10. Ms Sarita Bidani Chaudhary, Head , HR
11. Mr Amit Aggarwal, Chief Executive Officer, Sector Skills Council
12. Mr Ashish Aggarwal, Head, Policy
13. Mr Ashok Pamidi, Chief Executive Officer, Nasscom Foundation
14. Ms Kavita Doshi, Director, Corporate Communications
15. Ms Sucheta Mishra Goel, Technical Advisor to President
16. Mr Mohana Krishnan, Head - CoE, DS & Artificial Intelligence



September 12: Mr. Paul Gilbert, CEO, Quanser, CANADA

September 12: Delegation from Tongmyong University, South Korea

September 12: Delegation from Tunisia



September 13: Prof. Ramasastry, Director, IDBRT

September 13: Prof. Rahul De, IIMB

September 13: Prof. Rajat Moona, Director, IIT Bhilai

September 13: Prof. Madhavan Mukund, CMI,(Chennai Mathematical Institute)

September 13: Radhika Radhakrishnan, Centre for Internet and Society, Bangalore

September 18: Mr. Pankaj Kumar Pandey, IAS, Commissioner, Health and Family Welfare Department

September 18: Prof. Pratima Murthy & Dr. N Girish NIMHANS

September 27: Sara Greengrass & George Mathew, U.S. Consulate General

September 30: Mr.Lingraju Sawkar, General Manager:Global Technology Service at IBM India Private Limited

September 30: Mr. Pankaj Mishra, Economic Times

Month in Pictures



Photo Credit: Tejas Kotha (IMT20160-21)

Eventually, it's the truth that surprises you so, reflect and be true to yourself.



Celebration of 20th Foundation day of IIITB.



Campus Calendar for October 2019

October 29-31: 10th edition of RMIT 2019.

October 31: Yamini - a Dusk-to-Dawn concert organized by IIITB's SPIC MACAY chapter



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