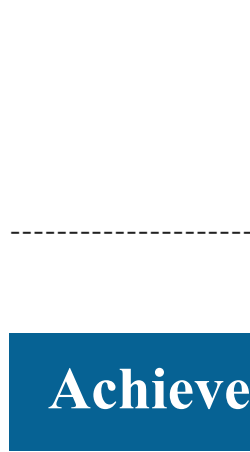




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## From the Director's Desk

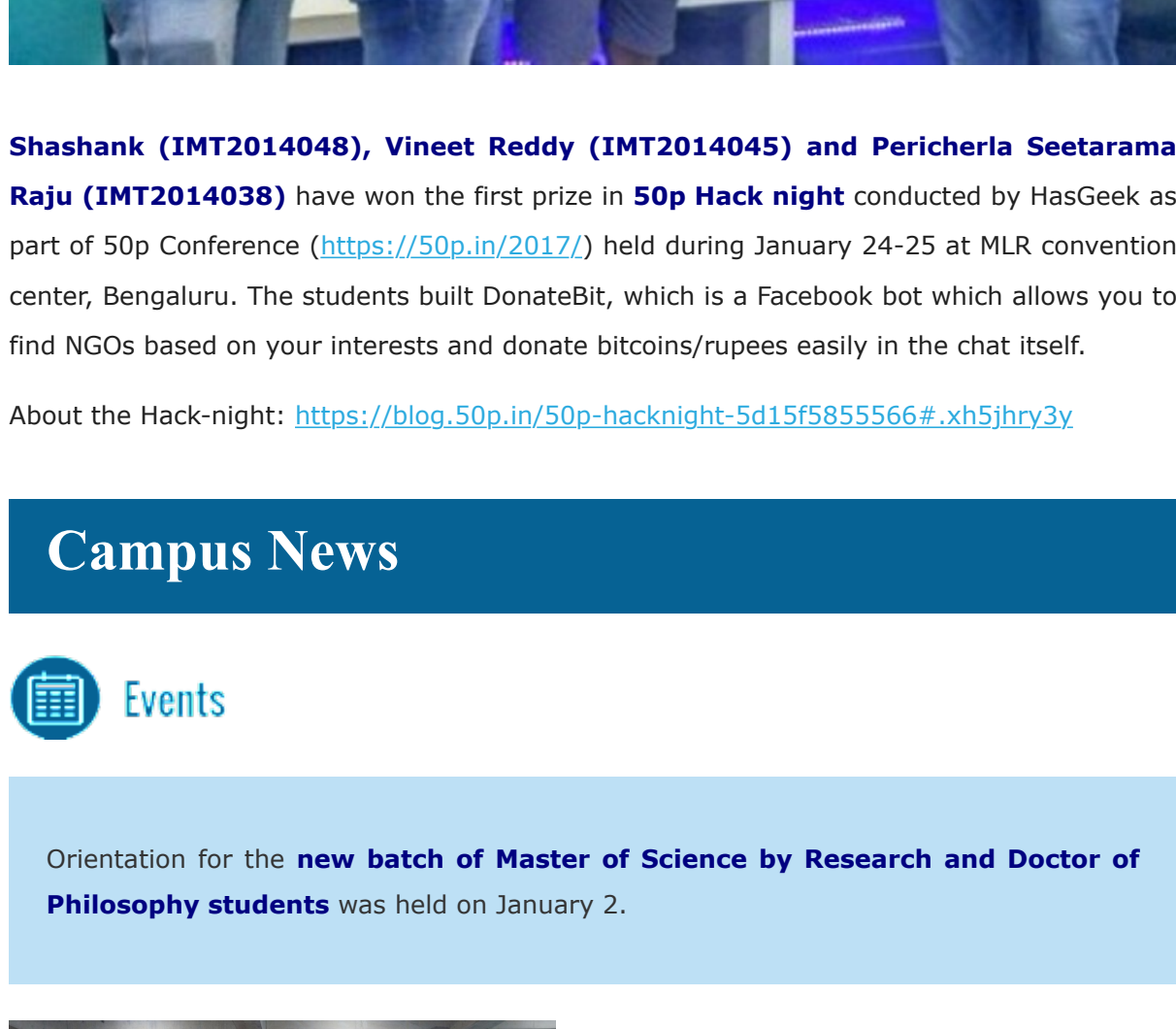


We turned several new leaves as we ushered the new year in. We have great additions in our faculty, with Dr. V. Ramasubramanian and Manish Gupta accepting their offers in early January. Yet another batch of Samsung-sponsored M. Tech programme, Master of Science by Research and Doctor of Philosophy programmes joined at the beginning of the term. Our campus warmly welcomed six more faculty members from Myanmar on January 9, for the nine-month-long training program at IIIT-B as part of IIIT Mentoring activity. IIIT-B was the knowledge partner for HPE Aruba Network University Program held during January 17-20. Our students organized and rejoiced our cultural fest, Infin8, and Republic Day program.

January 2017 also saw the sad demise of a great Indian scientist, Prof. C. V. Vishveshwara, who passed away on January 16. He was among the first few scientists to study black holes worldwide. He has been associated with the Indian Institute of Science, the Raman Research Institute and the Indian Institute of Astrophysics. His work at the Jawaharlal Nehru Planetarium, as its first Director, is notable. Prof. C. V. Vishveshwara, a stalwart in Indian science, will be missed.

---HAPPYEADING!---

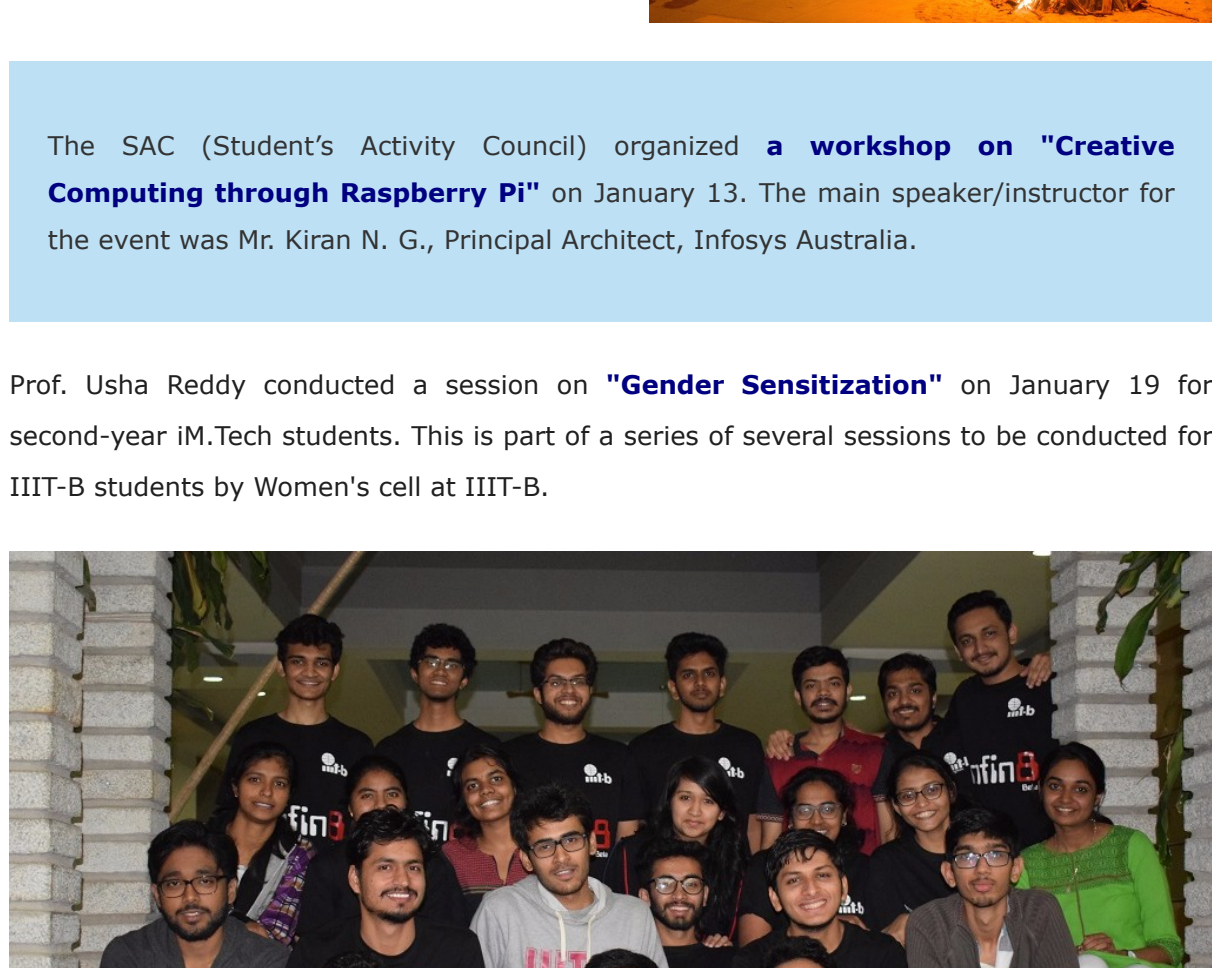
## Achievements



The **IIIT-B team** (named "How you doing") comprising of iMTEch students: **Aditya Paliwal, P. S. Srinivasan, and Simran Dokania**, mentored by **Prof. V. N. Muralidhara**, has qualified for the 41st edition of the **ACM International Collegiate Programming Contest (ICPC) World Finals** to be held in Rapid City, South Dakota, USA on May 20 - 25, 2017. The ICPC-B team is one among eight teams that have been selected from India and 128 teams from all over the world. The ACM ICPC is an annual multi-tier programming competition among top universities from all over the world and is widely regarded as the "Olympics" of programming and one of the most challenging programming competitions in the world.

The results can be viewed at: <https://icpc.baylor.edu/worldfinals/teams>

**Prof. Chetan Parikh** has been appointed as a **Consulting Dean to IIIT-Dharwad** for an interim period until a new Director is appointed there. He will participate in various aspects of the growth and development of the new institute.



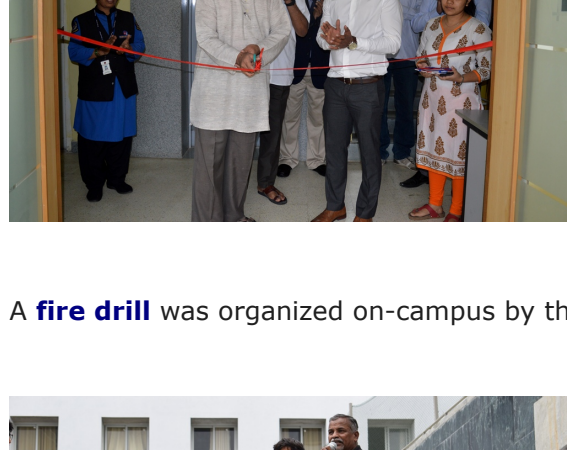
**Shashank (IMT2014048), Vineet Reddy (IMT2014045) and Pericherla Seetarama Raju (IMT2014038)** have won the first prize in **50p Hack night** conducted by HasGeek as part of 50p Conference (<https://50p.in/2017/>) held during January 24-25 at MLR convention center, Bengaluru. The students built DonateBit, which is a Facebook bot which allows you to find NGOs based on your interests and donate bitcoins/rupees easily in the chat itself.

About the Hack-night: <https://blog.50p.in/50p-hacknight-5d15f5855566#.xh5jhy3v>

## Campus News

### Events

Orientation for the **new batch of Master of Science by Research and Doctor of Philosophy students** was held on January 2.



The **New Year Community Tea party** was held on January 3. It was a meet and greet event for all faculty and staff members, which was organized by the Registrar, (Retd) Commander S. R. Sridhar.

**Dean's Selection Committee Meeting** was held on January 3.

On January 9, six **Myanmar faculty members arrived from MIIT at IIIT-B** for Faculty Development program as part of IIIT mentoring activity.

**Prof. Manisha Kulkarni** has taken charge as the **coordinator for Master of Science by Research and Doctor of Philosophy programs** on January 9, after the outgoing coordinator, Jaya Sreevalsan Nair, completed her term of 3 years.

**Makara Sankranti and Lohri** were celebrated by students of IIIT-B with a bonfire on January 13.



The SAC (Student's Activity Council) organized a **workshop on "Creative Computing through Raspberry Pi"** on January 13. The main speaker/instructor for the event was Mr. Kiran N. G., Principal Architect, Infosys Australia.

Prof. Usha Reddy conducted a session on **"Gender Sensitization"** on January 19 for second-year IM.Tech students. This is part of a series of several sessions to be conducted for IIIT-B students by Women's cell at IIIT-B.

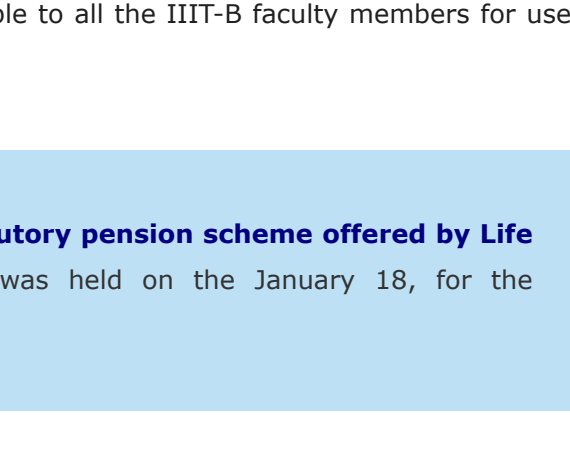
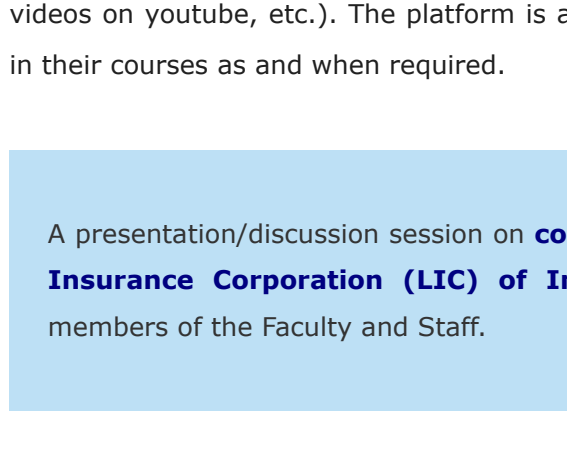


The second edition of the student-run techno-cultural fest of IIIT-B, **Infin8 beta**, was held during January 20-22. The event included Karaoke night, JAM, Smash-Dub, Debate, Mad-Ads and many others.

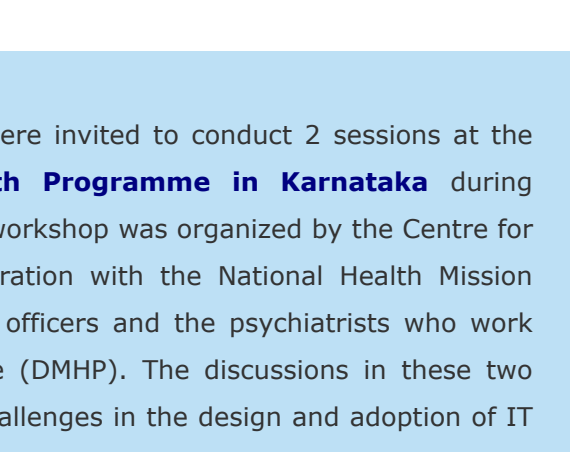
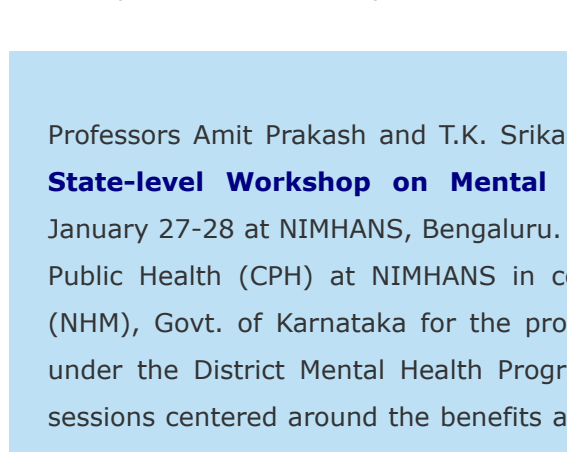


The **68th Republic Day** was celebrated on January 26. For the proceedings of the event were organized by the Registrar and the Physical Instructor. The flag hoisting was performed by the Director, Prof. S. Sadagopan. This was followed by the national anthem, after which the Director addressed the gathering. M.Tech students, Tanya, and Rahul gave speeches on the importance of the Constitution of India and the citizen's duties towards the nation. The celebration ended with a patriotic song by the student group. Members of the Faculty, Staff, and Students joined the celebration.

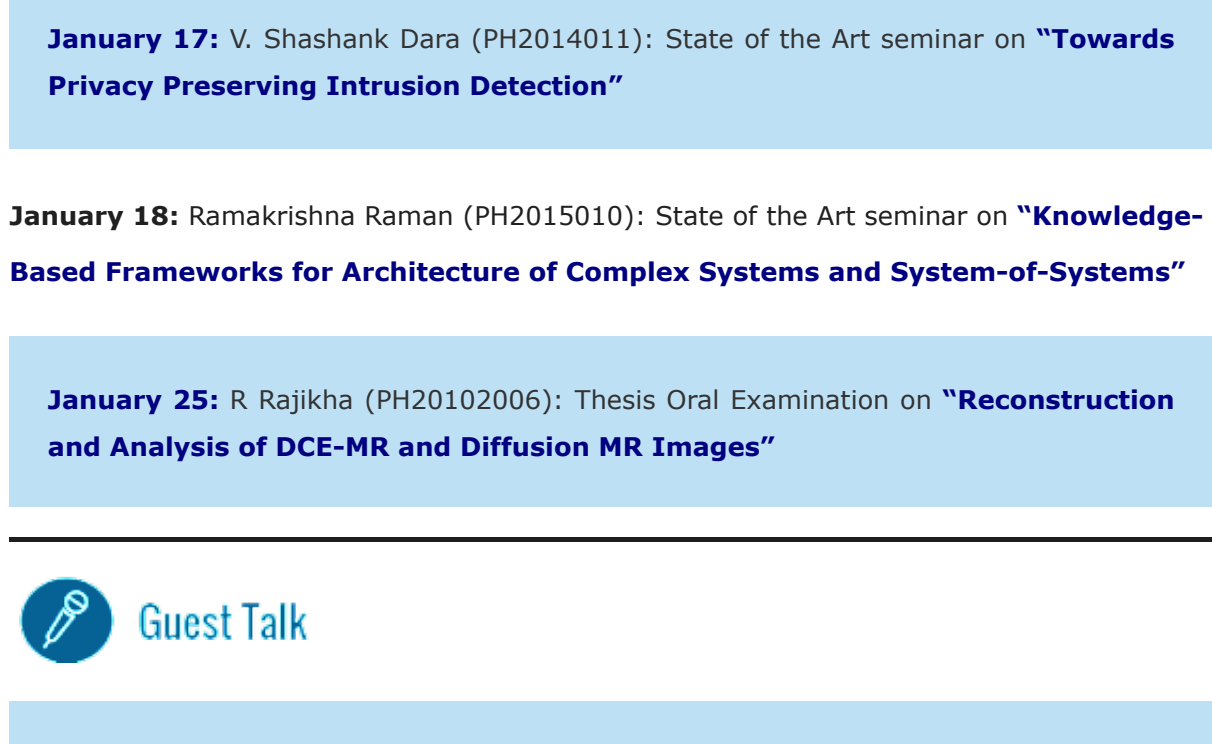
The **Men's GYM (Shape Up) in Bhaskara building and women's Gym (Calorie Bee) in Lilavati-WH1** were inaugurated on January 26 by Ashish (MT2016026) and Prof.G.Srinivasaraghavan respectively.



A **fire drill** was organized on-campus by the Registrar for the staff members on January 28.



A team from the **National Institute of Mental Health and Neurosciences (NIMHANS)**, headed by their Director, Dr. B. N. Gangadhar, visited IIIT-B on January 31, to brainstorm with the IIIT-B faculty team led by the Director, Prof. S. Sadagopan, on areas of potential collaboration between the two institutions. The NIMHANS team included Dr. Sekar (NIMHANS Registrar), Dr. Girish, Dr. Muralidhar and Mrs. Sindhu. This meeting was a follow-up of the MoU signed between the institutes in December 2016.



## Announcements

The 2nd batch for IIIT Bangalore's new online program, the **11-month PG Diploma in Data Analytics**, in collaboration with **UpGrad** starts in March 2017. For more details, please click: <http://www.iiitb.ac.in/programs.php?pid=PG-Diploma---Data-Analytics>

**Admissions to research programs** (Master of Science by Research and Doctor of Philosophy) for Term I (2017-18) will be announced in February-March 2017.

## Publication Including Presentations

Prof. Preeti Mudliar's policy report titled **"Rural India on the National Optical Fibre Network: What Happens Next?"** was published by The Hindu Centre for Politics and Public Policy on December 21, 2016. The report was the final work conducted at the three NOFN pilot sites in the states of Tripura, Rajasthan, and Andhra Pradesh from May-September 2016 and was supported by the public policy scholar fellowship awarded by The Hindu Centre. The report is available at: <http://www.thehinducentre.com/publications/policy-report/article9433917.ece>

Balaji Parthasarathy presented a paper titled **"Learning to walk on two legs: The trajectories for the future of ICT services in India"** at the Conference on the Future of India's Services Growth: Potential and Prospects. The conference was organized by the Madras Institute of Development Studies, and the British Northern Universities Forum, in Chennai, during January 3-4.

Prof. Preeti Mudliar presented her work on **"Broken Data" at the "Lives of Data"** conference at Sarai-CSDS, New Delhi during January 5-7.

Palani Kumar Subramanian (EMT2013018) presented his paper titled **"Design a Power Aware Methodology in IoT-based on Hidden Markov Model"** co-authored with Prof. Meenakshi D'Souza, at the IEEE 9th International Conference on Communication Systems and Networks (COMSNETS) Graduate Symposium, held in Bangalore, on January 5.

The article authored by Sanjay Podder, Managing Director, Accenture Labs and Prof. V. Sridhar, titled **"Sustainable development goals: Start-ups, large firms, consulting companies providing tech solutions for India's socio-economic problems"** appeared in Financial Express on January 24. The same can be accessed at: <http://www.financialexpress.com/economy/sustainable-development-goals-start-ups-large-firms-consulting-companies-providing-tech-solutions-for-indias-socio-economic-problems/51982/>

The paper titled **"An Efficient Framework for Unconditionally Secure Multiparty Computation"** by Prof. Ashish Choudhury and Prof. Arpita Patra (Indian Institute of Science) was published in IEEE Transactions Information Theory 63(1): 428-468 (2017).

## IIITB In Media

- [An app to help you take on depression](#)
- [Built by a Bengaluru-based startup, this smartwatch sends accident...](#)
- [How Genpact Is Closing The Analytics Skills Gap](#)
- [IIIT-B and UpGrad Announce the Largest Initiative to Build ...](#)
- [It's a win for Indian IT industry, say technocrats](#)

## Faculty and Staff

Balaji Parthasarathy was invited to deliver a talk titled **"Social Innovation for Development: The Role of Social Entrepreneurship"** at the University of Hyderabad, Hyderabad, on January 6.

Prof. Srinath Srinivasa visited the **headquarters of Gooru Inc.**, upon invitation, for presenting his research in a workshop on mediated learning.

Prof. Preeti Mudliar was an invited speaker on **"Broken Data"** at a workshop on Gender and Surveillance organized by the Internet Democracy Project and HasGeek on January 11.

Dr. Manish Gupta made a presentation to faculty and research scholars on **VideoKen** on January 13. He has been working on the development of a very innovative online learning platform that is primarily focused on utilizing and curating online instruction material (e.g., videos on youtube, etc.). The platform is available to all the IIIT-B faculty members for use in their courses as and when required.

A presentation/discussion session on **contributory pension scheme offered by Life Insurance Corporation (LIC) of India** was held on the January 18, for the members of the Faculty and Staff.

Prof. Shiva Kumar Malapaka (upon nomination) attended the **Training Workshop on Research-Based Pedagogical Tools (RBPTs) for Teachers of Undergraduate Science Courses**, during January 23-25 at the Indian Institute of Science Education and Research (IISER), Mohali. This workshop was jointly organized by IISER, Mohali, IISER Pune and British Council in collaboration with MHRD and Dept. of Biotechnology, and is partially sponsored by the Newton-Bhabha Fund. Prof. Malapaka along with the other participants from other national institutions, N. Sekar, S. Bala and S. Bhattacharyya, prepared a poster as a part of this workshop. Their poster was selected as one of the 'star' posters, by the organizers. Prof. Malapaka has been recommended by the organizers for a Level-2 workshop, to be held in early March 2017.

Professors Amit Prakash and T.K. Srikanth were invited to conduct 2 sessions at the **State-level Workshop on Mental Health Programme in Karnataka** during January 27-28 at NIMHANS, Bengaluru. The workshop was organized by the Centre for Public Health (CPH) at NIMHANS in collaboration with the National Health Mission (NHM), Govt. of Karnataka for the program officers and the psychiatrists who work under the District Mental Health Programme (DMHP). The discussions in these two sessions centered around the benefits and challenges in the design and adoption of IT tools for monitoring the DMHP activities.

**Graphics-Visualization-Computing Lab** participated in the **second edition of Bangalore Vis Workshop**, co-organized by Prof. Vijay Natarajan (Indian Institute of Science) and Jaya Sreevalsan Nair (IIIT-B), on January 28, at Indian Institute of Science. Prof. Amit Chattopadhyay and members and alumni of the lab attended the event. Shivam Agarwal and Jaya presented the ongoing research work in the lab. External graphics enthusiasts, Drs. Swami Manohar and Neeharika Adabala, participated in the event. The workshop is an interaction meeting between the visualization research labs in the two institutes.

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

**January 9:** Dr. Manish Gupta, Infosys Chair Professor

## Academic Milestones

**January 17:** V. Shashank Dara (PH2014011): State of the Art seminar on **"Towards Privacy Preserving Intrusion Detection"**

**January 18:** Ramakrishna Raman (PH2015010): State of the Art seminar on **"Knowledge-Based Frameworks for Architecture of Complex Systems and System-of-Systems"**

**January 25:** R. Rajikha (PH20102006): Thesis Oral Examination on **"Reconstruction and Analysis of DCE-MR and Diffusion MR Images"**

## Guest Talk

**January 18:** **"Institutional innovation in Brazil: successful ag-industrial cases"** by Dr. Jose Eustaquio Ribeiro Vieira Filho, Research Analyst at the Institute of Applied Economic Research (IPEA-Brazil)

**January 25:** **"Aadhaar, Demonetisation and the Poor: A View from the Field"** by Dr. Silvia Masiero, Lecturer, the International Development at Loughborough University, United Kingdom.

**January 30:** **"Indian Contribution to Digital Technology"** by Dr. Shivanand Kanavi, an Adjunct Faculty Member, National Institute of Advanced Studies (NIAS), Bengaluru and Consulting Editor of India's premier Business Magazine, Business India and frequent contributor in Business India, Rediff.com, and Prajavani (Kannada).

**January 31:** **"Business Transformation driven by IoT"** by Mr. Amitabha Saha Roy, Global Practice head, CRM for Consumer and Retail industry, TCS.

## Campus Visitors

**January 6:** Dr. Mohan Sitaram & Team, SUBEX

**January 9:** Dr. Sujatha Ramadorai, University of British Columbia, Canada

## Campus Calendar for February

**February 4:** IIIT-B Alumni Day

**February 8:** 67th Board Meeting

**February 8:** A talk by Prof. Vikram Sampath, a visiting faculty member of music and history at the University of Queensland, Australia

**February 8:** **"A tale of complexity: poverty, income, and well-being,"** a talk by Bharath M. Palavali, co-founder of Fields of View and an IIIT-B alumnus

**February 20-25:** Mid-term Exam Week

**February 28- March 5:** Mid-term Break