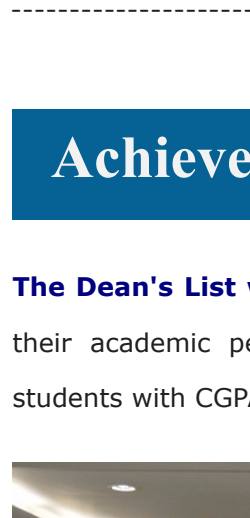




Inside this Issue

- FROM THE DIRECTOR'S DESK
- ACHIEVEMENTS
- CAMPUS NEWS
- UPCOMING EVENTS

From the Director's Desk



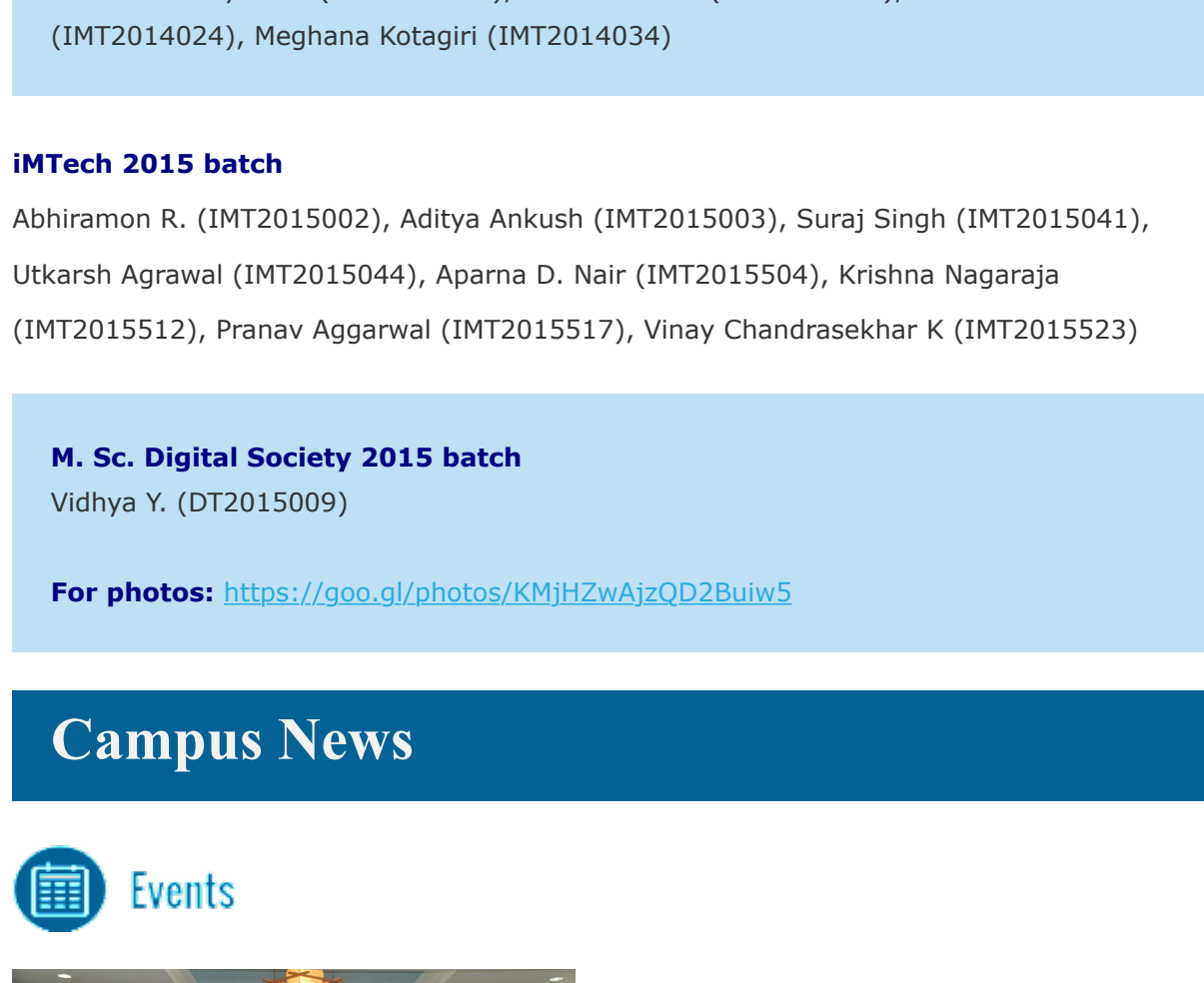
As per our tradition, we had 17th Foundation Day on 15/9/2016. In addition to insightful speeches by the three eminent Guests of Honour, the students gave outstanding cultural performances.

Along with Mr. D. V. Jagadish (CEO, Outreach, IIITB), I had traveled to the United States of America for the formal launch of US Chapter of the IIITB Alumni Association. There were two events, one in the West Coast in Sunnyvale, CA on Saturday, 24th September, and another one in the East Coast at Edison, NJ on Sunday, 25th September. Both the events were well attended with large number of alumni cutting across all the 16 batches of students who were graduated from IIITB. It was a very satisfying moment for both of us to see our alumni doing so well, and staying attached to their Alma Mater even after so many years. During tour meetings, in both the locations, several alumni gave us interesting suggestions and also have agreed to initiate a number of follow-up actions which will unfold in the weeks and months to come. You will find more details elsewhere in this newsletter.

-----HAPPY READING!-----

Achievements

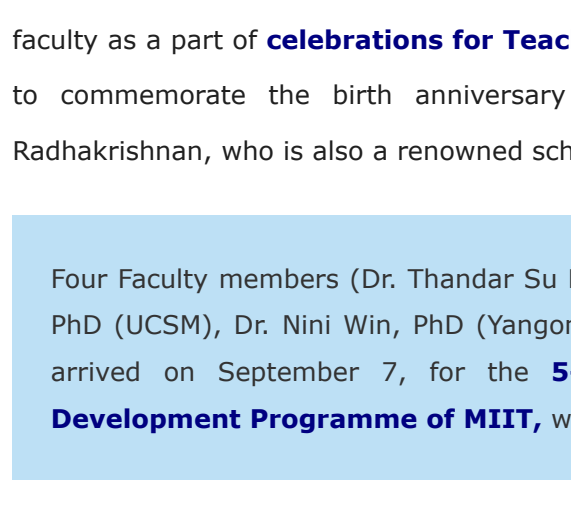
The Dean's List was announced on September 12. The Dean's list honors students for their academic performance. M. Tech. students with CGPA 3.75 or higher and iMTEch students with CGPA 3.6 or higher find a place in the list.



Following students were honored with Dean's list:

M. Tech. 2015 batch

Aamer Ramzan (MT2015001), Anushree Joshi (MT2015026) Darshan Ramakant Bhat (MT2015038), Freeze Francis (MT2015044), Mahendra Bhagwan Garodi (MT2015046), Hitesh Agrawal (MT2015050), Mohammed Haroon D. (MT2015065), Shishir Uniyal (MT2015105), Avik Kumar Sen (MT2015503)



Sponsored M. Tech. 2013 batch

Gaurav Kumar Jain (EMT2013007), Girdhar Bachali Maruthy (EMT2013009), Gopal Kumar Agrawal (EMT2013010), Pavan Sudheendra (EMT2013019)

Sponsored M. Tech. 2014 batch

Amit Sarkar (SMT2014003), Jayakarthish S. (SMT2014008)

Sponsored M. Tech. 2015 batch

Harsh Jain (SMT2015012), Kavin Kumar Thangadorai (SMT2015014), Suhas Shantaraja Palasumudram (SMT2015031)

iMTEch 2012 batch

Ananth Murthy (IMT2012004), Anusha P. S. (IMT2012007), Chandan Yeshwanth (IMT2012010), Rejil Sachdev (IMT2012036), Tanmayee Narendra (IMT2012046)

iMTEch 2013 batch

Aditya Sanjay Paliwal (IMT2013004), B. Laasya (IMT2013008), Devarsh K. U. (IMT2013012), Komaragiri Vasundhara (IMT2013018), Kumaresh Krishnan (IMT2013021), Meghana M. Reddy (IMT2013025), Nigel Steven Fernandez (IMT2013027), Simran Bimal Dokania (IMT2013044)

iMTEch 2014 batch

Ahmad Shayaan (IMT2014004), G. Neha (IMT2014018), Indu Ilanchelian (IMT2014024), Meghana Kotagiri (IMT2014034)

iMTEch 2015 batch

Abhiramon R. (IMT2015002), Aditya Ankush (IMT2015003), Suraj Singh (IMT2015041), Utkarsh Agrawal (IMT2015044), Aparna D. Nair (IMT2015504), Krishna Nagaraja (IMT2015512), Pranav Aggarwal (IMT2015517), Vinay Chandrasekhar K (IMT2015523)

M. Sc. Digital Society 2015 batch

Vidhya Y. (DT2015009)

For photos: <https://goo.gl/photos/KMjHwAizQD2Bulw5>

Campus News

Events



The **65th Governing Body Meeting** was held on September 1.

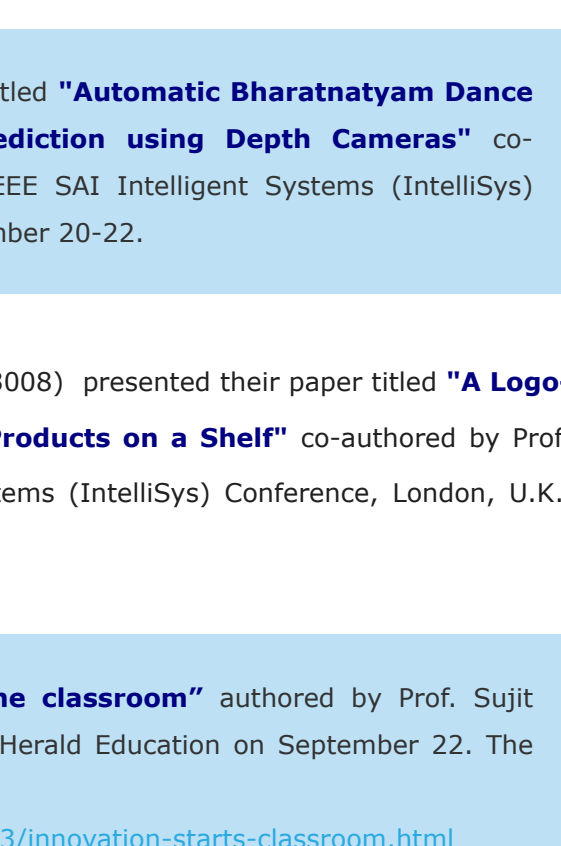
The Rotary Club organized **Blood donation and stem cell camp** at IIITB on September 3. Many student volunteers donated blood and some, even stem cell. There were educational sessions about the myriad advantages of stem cell donation and how it can save a patient suffering from life-threatening diseases.

On September 6, the students organized an event for expressing gratitude to the teaching faculty as a part of **celebrations for Teachers Day**, celebrated nationwide on September 5 to commemorate the birth anniversary of former President of India, Dr. Sarvepalli Radhakrishnan, who is also a renowned scholar and academician.

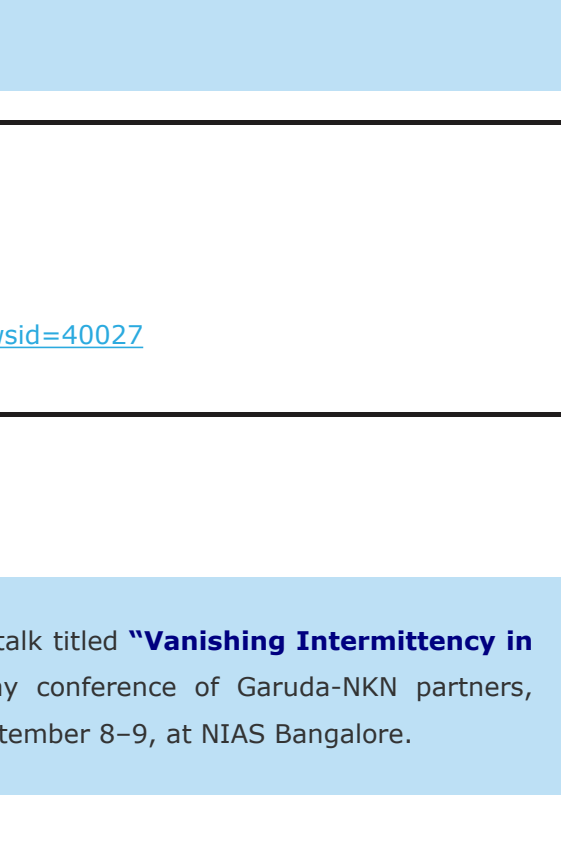
Four Faculty members (Dr. Thandar Su Nge Htwe, PhD (UCSM), Dr. Sim Thi Yar Nyint, PhD (UCSM), Dr. Nini Win, PhD (Yangon) and Ms. Phyu Phyu Khaing) from Myanmar, arrived on September 7, for the **5-month Residential part of the Faculty Development Programme of IIITB**, which is executed at IIITB.

IIITB celebrated its **17th Foundation Day on September 15**. The Guests of Honour of the events were: Prof. S. G. Deshmukh, Director, IIIT&M Gwalior; Mr. Vickram V. Sampath, an author/historian/musician, Founder of Bangalore Literature Festival and Archive of Indian Music, and Director, SSRC; Dr. Geetha Manjunath, Head, Data Analytics Research Laboratory, Xerox Research Centre India. The celebration included the Director's welcome speech, speeches by the Guests of Honour, cake cutting, cultural programme and dinner.

For photos: <https://goo.gl/photos/k4iyZYMRorXU8uW8>



The **festival of Onam** was celebrated on September 17 on campus. Students donned the traditional wear for the occasion. Several fun games were planned, which included Three Legged Race, Tug-of-War etc.

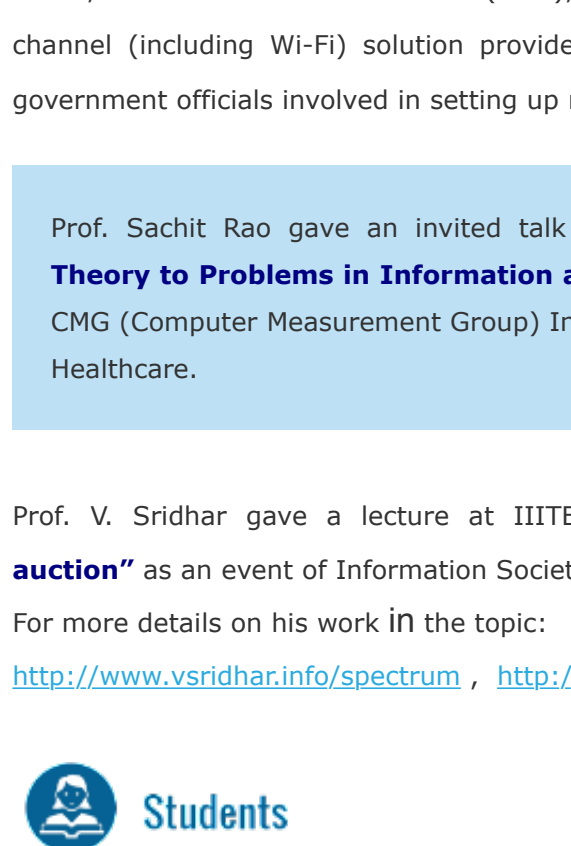
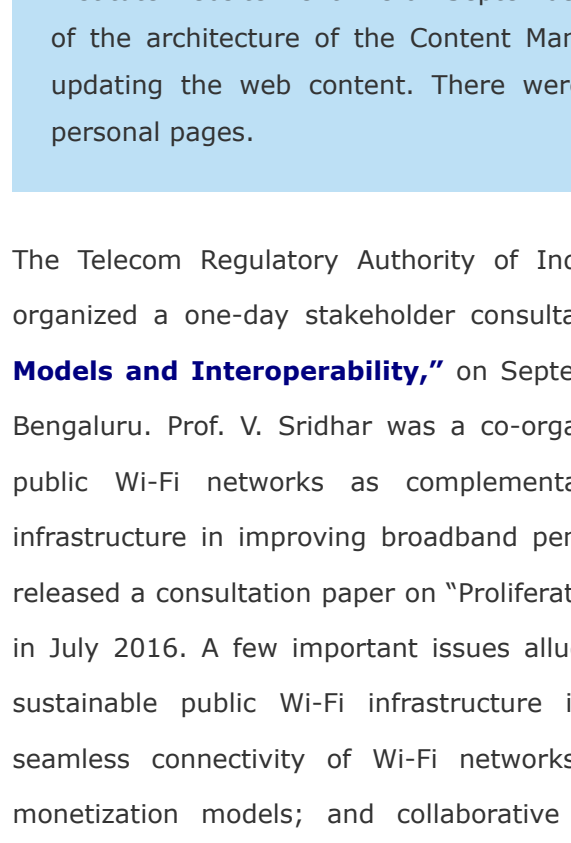


The **18th Annual General Body Meeting of IIITB** was held on September 23.

For the first time in its history, an **alumni chapter of IIITB** has been launched. This is a landmark event for the Institute, considering its alumni count has gone over 2200. The first chapter has been launched in the U.S.A. Prof. Sadagopan, the founding and current Director, and Mr. D. V. Jagadish, CEO, Outreach, IIITB, graced the launch events. The events were organized by Mr. Udaya Hegde [2001 batch], Mr. Anshu Jain [2005 batch] Mr. Gokul Pillai [2001 batch] and other alumni. The launch events were held in Sunnyvale, CA, on September 24, and Edison, NJ, on September 25. The former was attended by around 90 alumni and families, while the latter, by around 30, who live in the vicinity of the event. Speaking at the events, the Director said that the launch of the U.S. chapter was in celebration of the achievements of IIITB alumni in several avenues. Several alumni are employed at Fortune 500 companies, such as Google, IBM, Apple, HP, etc., and several have pursued or are pursuing doctoral studies in top U.S. universities. The Director also updated the alumni on several new initiatives at IIITB. This event is a step towards strengthening the IIITB alumni network.

For Photos: <https://photos.gluq.com/Photos/Nx4TeV517gaDXuQ7A>

<https://goo.gl/qgoq2gBddvRTNt6>



Publication Including Presentations

The paper titled **"Coverage Enhancement for MTC Devices Using Reduced Search Viterbi Decoder Across RATs"** by Parthiban A (PH2016007), Prof. Jyotsna Bapat and Prof. Debabrata Das has been published in the IEEE COMMUNICATIONS LETTERS, VOL. 20, NO. 9, SEPTEMBER 2016.

<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7505916>

The article titled **"Entry of Reliance Jio is the beginning of a new phase of data services"** authored by Prof. V. Sridhar and Prof. Rohit Prasad of MDI has appeared in Financial Express on September 14. The same can be accessed at: <http://www.financialexpress.com/fe-columnist/entry-of-reliance-jio-is-the-beginning-of-a-new-phase-of-data-services/376552/>

The paper titled **"An Institutional Analysis of Spectrum Management in India"** co-authored by Prof. V. Sridhar has been published in the recent issue of Journal of Information Policy (Penn State Press).

The same can also be accessed at:

<http://www.jstor.org/stable/10.5325/jinfo poli.6.2016.0252> available through JSTOR.

Citation: Prasad, R., Sridhar V., and Buneal, A. (2016). An Institutional Analysis of Spectrum Management in India. Journal of Information Policy, 6, 252-293.

Rajanikanth Kashi presented his paper, **"Incorporating adaptivity using learning in avionics self-adaptive software: A case study"** co-authored by Prof. Meenakshi D'Souza, S. Kumar Baghel and Nitin Kulkarni, at the International Conference on Advances in Computing, Communications and Informatics (ICACCI), LNMIIT Jaipur held during September 21-24.

Prof. Dinesh Babu J presented his paper titled **"Automatic Expression Recognition and Expertise Prediction in Bharatnatyam"** co-authored by Pooja V. (MS2014004), at the International Conference on Advances in Computing, Communications and Informatics (ICACCI), LNMIIT Jaipur held during September 21-24.

Pooja V. (MS2014004) presented her paper titled **"Automatic Bharatnatyam Dance Posture Recognition and Expertise Prediction using Depth Cameras"** co-authored by Prof. Dinesh Babu J at the IEEE SAI Intelligent Systems (IntelliSys) Conference, London, U.K., held during September 20-22.

Trisha M. (IMT2013053) and Laasya B. (IMT2013008) presented their paper titled **"A Logo-Based Approach for Recognising Multiple Products on a Shelf"** co-authored by Prof. Dinesh Babu J at the IEEE SAI Intelligent Systems (IntelliSys) Conference, London, U.K., held during September 20 - 22.

The article titled **"Innovation starts in the classroom"** authored by Prof. Sujit Kumar Chakrabarti has appeared in Deccan Herald Education on September 22. The same can be accessed at: <http://www.deccanherald.com/content/571693/innovation-starts-classroom.html>

The paper titled **"Enhanced-Power Saving Semi-Persistent Scheduler for VoLTE in LTE-Advanced"** by Prashant Wali and Debabrata Das has been accepted for publication in IEEE Transactions on Wireless Communications in September 2016.

Parthiban A (PH2016007), Profs. Jyotsna Bapat and Debabrata Das, **"Constellation Constraining-Based Coverage Enhancement Technique for MTC Devices in LTE-A"** has been accepted for publication in the IEEE Wireless Communication Letters in September 2016.

IIITB In Media

<http://indiaeducationdiary.in/Shownews.asp?newsid=40027>

Faculty and Staff

Prof. Shiva Kumar Malapaka gave an invited talk titled **"Vanishing Intermittency in Fractal Fourier Turbulence"** at a two-day conference of Garuda-NNK partners, organized by CDAC and NNK, held during September 8-9, at NIAS Bangalore.

Advanced Computing & Communications Society, India organized its **22nd Annual International Conference on Advanced Computing and Communications (ADCOM2016)** at the PES University, Bengaluru during September 8-10. ADCOM 2016 highlighted the growing importance of Large Scale Systems Engineering and provides the platform to share, discuss and witness leading edge research and trends. The theme of this year's meeting was on Machine Learning (ML). Faculty at IIITB played crucial roles in the organization of ADCOM2016. Prof. S. Rajagopalan was the General Chair of the Conference. Prof. G. Srinivasaraghavan was one of the Technical Program Chairs. A panel comprising of Prof. S. Sadagopan, Prof. Anurag Kumar (Director, IISc), and Prof. H. P. Khincha (Chairman, KSIC), selected Prof. Partha Pratim Chakrabarti, Director, Indian Institute of Technology, Kharagpur, as the winner of the prestigious ACCIS-CDAC Foundation award for 2016. The award recognizes his seminal contributions in Artificial Intelligence methods for automated reasoning and his stewardship of various national initiatives in driving the industry-academia collaborative research. IIITB also played other roles in the conference. Prof. Sadagopan gave the Inaugural Keynote Address. IIITB sponsored the visit and the keynote address of Prof. V. S. Subrahmanian, Professor of Computer Science and Director of the Lab for Computational Cultural Dynamics and Director of the Center for Digital International Government at the University of Maryland. He spoke on "Identifying (Some) Bad Actors in Social Media." Prof. Rajagopalan chaired a session in the Workshop (on Smart Cities) organized by the German House of Research and Innovation, Weizmann Institute, CNRS University of Heidelberg at Goethe-Institute, Bengaluru on September 16.

The Web Committee, headed by Prof. V. Sridhar, conducted an **internal workshop to faculty and staff on "Web Content Update"**, on September 23. The revamped Institute website went live on September 15. The workshop informed the stakeholders of the architecture of the Content Management System (CMS) and the process for updating the web content. There were demonstrations on access and updates of personal pages.

The Telecom Regulatory Authority of India (TRAI) in academic partnership with IIITB, organized a one-day stakeholder consultative workshop on **"Public Wi-Fi: Commercial Models and Interoperability,"** on September 28 at Grand Ball Room, Hotel Lalit Ashok, Bengaluru. Prof. V. Sridhar was a co-organizer of the event. Realizing the importance of public Wi-Fi networks as complementary to existing landline and cellular mobile infrastructure in improving broadband penetration and adoption in the country, TRAI had released a consultation paper on "Proliferation of Broadband through Public Wi-Fi Networks," in July 2016. A few important issues alluded in the paper for a successful, scalable, and sustainable public Wi-Fi infrastructure in India include technical interoperability and seamless connectivity of Wi-Fi networks; innovative payment, commercialization, and monetization models; and collaborative partnerships between various entities of the ecosystem. The workshop, which addressed the afore-mentioned issues, was targeted at telcos, Internet Service Providers (ISPs), payment solution firms, and start-ups, omnichannel (including Wi-Fi) solution providers, Wi-Fi/mobile device makers, academia, and government officials involved in setting up municipal Wi-Fi networks.

Prof. Sachit Rao gave an invited talk titled **"Applications of Feedback Control Theory to Problems in Information and Computer Technologies"** at the seventh CMG (Computer Measurement Group) India Bengaluru on September 29, hosted by GE Healthcare.

Prof. V. Sridhar gave a lecture at IIITB on **"Perspectives on upcoming spectrum auction"** as an event of Information Society Club (ISoC) on September 29.

For more details on his work in the topic:

<http://www.vsrnidhar.info/spectrum> , <http://www.spectraumauction.tk/>

Students

A **quadricopter drone** has been developed and assembled by Sachin I. K. (MT2015517) as an extracurricular activity. The drone has a capacity to lift up to 1.5 kgs and runs off a 12V Lithium polymer battery. <https://www.dropbox.com/s/pt4ig25s62wvy/1b/test1.mp4?dl=0>

Nikunj Gupta (IMT2014037) and Nanduri Lakshmi Amrutha (IMT2014036) have been selected as **Deli Compassadors** from IIITB.

For more details: <http://delicampusador.com/leaderboard.aspx>

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

September 15: Ms. Rasmita, Admin, and Placement Co-ordinator

Academic Milestones

September 20: Joy Prabhakaran (PH2012003), Open Seminar on **"Some Contributions to Image Zooming and Multi-resolution Image Representation"**.

September 27: Prashant Wali (PH2012005), State of the Art Seminar on "Energy Efficient Medium Access Control Protocols for LTE-Advanced".

Guest Talk

September 7: "Wireless and Social Networks: Some Challenges and Insights"

by Mr. Albert Sunny, CSA, IISc

September 16: "Technology for Social Justice"

by Dr. Prasad Ram, Founder & CEO of GOORU.

September 21: "Work & Happiness" by Dr. Kalakanda Prabhu, ISKCON

September 28: "SDR for Modern Wireless Communication System Design,"

Dr. Indranil Hatai, School of VLSI Technology, IIST, Shilpur.

Upcoming Events

October 5: 53rd Senate meeting

October 9 -16: Mid-Term break

