
ACTIVITIES OF IEEE CAS SOCIETY

BANGALORE CHAPTER (2015)

IEEE CAS Society Bangalore Chapter conducted a total of twelve events during the year 2015. These events included 6 seminars, 1 panel discussion, 3 workshops and 1 short-course.

1. Panel Discussion on **Circuits and Systems - their role in modern electronics industry and teaching curriculum** on Jan 7, 2015 at Indian Institute of Science, Bangalore. It was attended by 20 participants.
2. We offered Technical co-sponsorship for International Conference on **VLSI Systems, Architecture, Technology and Applications** (VLSI-SATA 2015) during 8-10 January, 2015 at Amrita Viswa Vidyapeetham (University), School of Engineering, Bengaluru Campus. This event was attended by about 100 participants.
3. A Three-day Workshop on **Embedded Linux and Android on Beaglebone Black** (based on AM335x 1GHz ARM® Cortex-A8 processor from Texas Instruments) during 10-12 January, 2015 at Texas Instruments India. This event was attended by 40 participants.



4. Seminar on **Control and Design of Power Converters for Renewable Energy System** by Abhijit Kulkarni (IISc Bangalore) on March 25, 2015 at Texas Instruments India. The event was attended by 16 participants.



5. A seminar to mark Earth Day 2015: **Trace Element Contamination of Environment** by Prof. J.R. Mudakavi (Dept of Chemical Engg, Indian Institute of Science) on April 22, 2015 at Texas Instruments India. It was attended by around 20 participants.



6. A One-day workshop/conference on: **Kannada Science/Technology writers – 2015** on 6 May 2015 at Texas Instruments India. It was attended by around 30 participants.



7. Two-day workshop on **Analog System Design** on June 19-20, 2015 at Texas Instruments India. It was attended by 10 participants.
8. A course on **Sensing the World around us with Optical Nerves of Glass** by Dr. Balaji Srinivasan (IIT Madras) on July 17, 2015 at Texas Instruments India. We had around 30 participants.
9. A seminar on **Wireless Communication System Design under Transmit and Processing Power Constraint** by Prof. Dinesh Rajan on August 4, 2015 at Texas Instruments India. We had around 30 participants.
10. A One-day Workshop on **Aspects of Analog and RF Test** by Sharat Chandra, Sankar Sadasivam, Harikrishna Parthasarathy, Rittu Sachedev and Anil Kumar (TI India) on October 31, 2015 at Texas Instruments India. We restricted this event to 30 participants.



11. A Seminar on **Heterogeneous NEMS-CMOS based Power Management Circuits for Improved Area and Enhanced Power Efficiency** by Dr. Sujan Manohar (Texas Instruments, Dallas) on December 10, 2015 at Texas Instruments India.
12. A two-day **Wikipedia Editathon (Topic - Science and Technology)** will be held with help from IEEE CAS Bangalore Chapter and IEEE Bangalore Section during Dec 19-20, 2015.