



INNOVATION & DO-IT-YOURSELF ELECTRONICS

Venue: Texas Instruments, Bagmane Tech Park, CV Raman Nagar, Bangalore 560093

General Chair: C.P.Ravikumar (Texas Instruments India) ... ravikumar@ti.com

Final Program ... Updated: 27 May, 2017

8.30 am-9.00 am	Registration [Prior registration and confirmation to participate is mandatory]		
9.00-9.30 am	Keynote Talk: Embedded systems to help persons with disability Speaker: Dr. Prabhat Ranjan, Executive Director, TIFAC (DST)		
9.30 am-10.00 am	Coffee Break		
	Room "D"	Room "I"	Room "Y"
	Session 1A Session chair: C.P.Ravikumar	Session 2A Session chair: PV Anand Mohan	Session 3A Session chair: Vivek Saxena
10.00 am-10.45 am	<p>Wireless Water Level Controller Neha Vernekar, Vinoth Kumar S, Shalini M and Hanumanth Rao Texas Instruments India</p> <p>Magnetic Levitation for Everyone Satyarth Rai, Manoj Sahu, Pranav Khurana and Dhananjay V. Gadre Centre for Electronics Design and Technology, NSIT</p> <p>Microcontroller Experimentation on a shoestring budget with a MSP430 Lunch Box Dhananjay V. Gadre, Nikhilesh Prasannakumar and Divanshu Dodeja TI-CEPD</p>	<p>IoT Lab Kit for Teaching - I HariKrishna VH, Ronak Seta, Mahesh Rao and K.Mayank CDAC, Bangalore</p> <p>IoT Lab Kit for Teaching - II HariKrishna VH, Mahesh Rao, Ronak Seta and K.Mayank CDAC, Bangalore</p> <p>IoT Irrigation System Amit Mittal, Navneet Singh and Shivam Srivastava Texas Instruments India</p>	<p>IoT Based Metering & Billing Automation for GauGas Perumal S, Tilak K, Vinay Bhat and Vinay Kiran M Jyothy institute of Technology</p> <p>Keep-in-Touch Lamps Deepak Dhanavel Kumar Texas Instruments India</p> <p>HaleCar: Vehicle Performance Monitoring Solution Prathap Ghorpade, Manoja Vinnakota (Connected MCU) and John R Samuel (Analog Power Products), Texas Instruments India</p>
10.45 am-11.00 am	Break		
	Session 1B Session chair: C.P.Ravikumar	Session 2B Session chair: PV Anand Mohan	Session 3B (Short Papers – 10 min presentation time) Session chair: Vivek Saxena

11.00 am- 12.00 pm	<p>Non-Invasive Blood Sugar Prediction using DLP® NIRScan™ Nano Arti Malgaonkar, Keerthibala Viswanatha, Priyankar Mathuria, Ankur Patel Texas Instruments India</p> <p>acTlve_badge Kalyan Chakravarthy Chekuri, Savinaya Venkappa and Hanumanth Rao Sawanth Texas Instruments India</p> <p>Low cost Open Source Smart Solar Tracker Rohit Goel, Ujjwal Kalra, Kevin Gajera Texas Instruments India</p> <p>Low cost Open Source Framework for Multilingual Talking Devices Dhananjay V. Gadre, Anshuman Mishra and Gaurav Tyagi Centre for Electronics Design and Technology, NSIT</p>	<p>Introductory Digital Electronics Using a CPLD platform Dhananjay V. Gadre, Rahul Sharma and Akshay Goyal TICEPD, NSIT</p> <p>Semiconductor Curve Tracer For Tom, Dick and Hari Akshay Goyal, Dhananjay V. Gadre, Rahul Sharma TICEPD, NSIT</p> <p>Cloud Based Home Security System Ahteram Chouhan, Akarsh N, Akash Das, Amrutha Bhosale and Dr. M G Veena Sri Jayachamarajendra College of Engineering</p>	<p>Agri-Cover Lenson Merwin Fernandes and P.Apoorva Naik Canara Engineering College</p> <p>Smart Wastebin for the Effective Solid Waste Management in the Urban & Smart Cities Prashantha Kumar A P Aryabharathi Polytechnic</p> <p>Landmark Based Modification to Correct Distortions related to consonants in Dysarthric Speech using DSK6713 Ananya Raj N, Anees Anjum M S and Chethan S R, Lakshmi H N SIT, Tumakuru</p> <p>Resource and Area Management with Automated Olericulture Nursery Monitoring System Sandeep S.S, Pavithra V, Manjeeta Raj and Manoj R Sambhram Institute of Technology</p>
12.00 pm- 1.00 pm	<p>Room "Y"</p> <p>Panel Discussion on the topic of Do-It-Yourself Electronics Moderator: Dr.C.P.Ravikumar (Texas Instruments, India) Panelists: Vivek Saxena (BLR Labs) and Dr Sujatha Jagannath (Wipro Technologies)</p>		
1.00 pm- 2.00 pm	Lunch		
2.00 pm- 4.00 pm	Demo		
4.00 pm	<p>Certificates and Prize Distribution Chief guest: Dr. Sarat Chandra Babu (Director, CDAC Bangalore)</p>		

Registration:

- Prepare a DD (Demand Draft) for the amount applicable (IEEE Members: Rs.500.00/Non members: Rs.600.00) to "IEEE CAS Bangalore Chapter" payable at Bangalore. The DD is to be sent to: "C.P. Ravikumar, Secretary, IEEE CAS Bangalore Chapter, Texas Instruments, Bagmane Tech Park, CV Raman Nagar, Bangalore 560093" to reach us by May 16, 2017.
- Please write your Name and Phone number on the reverse side of DD for our reference.
- Send the scanned copy of the DD through mail to accounts@ieee-cas-bangalore.org with a copy to registration@ieee-cas-bangalore.org as a safeguard, considering postal delay or any loss during transit
- Alternatively you can also transfer the registration fee online through NEFT:
Name of the account – IEEE CAS Bangalore Chapter
Central Bank of India, A/C number – 1057 2947 24, Miller Road Extension Branch (Code 02314), IFSC Code – CBIN0282314
In such cases, please send a screenshot/PDF print of the transaction to accounts@ieee-cas-bangalore.org with a copy to registration@ieee-cas-bangalore.org