

TI India Analog Design Contest 2011

Phase 1 Results

Winners of Phase 1

Winning teams of Phase 1 will receive their awards at a colorful Award Ceremony which will be held in TI India Bangalore campus on April 6. They will also demonstrate their projects and compete for the top 3 awards of Phase 2. Our congratulations to the teams! We also congratulate the mentors and the parent institutions!

S. No.	Team No.	Student Members	Project Title	College	Faculty Mentor(s)
1	1	Vinay V Raghavan Suraj S Venkata Subramanian Vasanth R Athreya	Eye in the Sky: Voice Controlled Micro Air Vehicle Video - http://goo.gl/z5cIj	Amrita School of Engineering; Bangalore	Mr. P Sathish Kumar
2	7	Akshay Krishna.U Sabarinath.S Lohit.L Shiva.D Dhananjayan.P.S	Wireless 3D Robotic Arm with Quantification of Force using EMG Video - http://goo.gl/OCFDP	Amrita School of Engineering; Coimbatore	Mr. Sivraj
3	10	Akshata Nayak Kedar Prabhu Mahmad Nadaf	A Farmer's Friend': An MSP430 based Autonomous Mobile Agricultural Robot Video - http://goo.gl/VhCwX	B.V. Bhoomaraddi College of Engineering & Technology; Hubli	Dr. Uma Mudenagudi
4	13	Samit Kumar Bhunia Krishnendu Bera	Prevention of Heart Attack by Wireless Alarm System Video - http://goo.gl/3J2qN	Bengal Engineering and Science University; Shibpur	Mr. Abhijit Chandra
5	16	Vikram Sharma M Vinay Kumar N Shruti C Masaguppi	Virtual Talk For Dumb, Deaf, Blind and Normal People Video - http://goo.gl/pbtHZ	BMS College of Engineering; Bangalore	Prof. D R Ambika Prof. M N Suma
6	31	Karthik Balaji R Sunny Sharma	Non-Invasive Continuous Measurement of Blood Glucose Level Video - http://goo.gl/01UnV	College of Engineering Guindy; Anna University; Chennai	Dr.S.Muttan
7	36	Yogesh Palkar Pranav Naik Sanket Naik Rahul Kulkarni	PC Based Storage Oscilloscope Video - http://goo.gl/LfkN9	College of Engineering; Pune	Mrs. M. A. Joshi
8	50	Akhilesh C. Sati Vijayendra S. Aswal Ravi Kaushik Gaurav Upreti Darshit Kandpal	GSM based Low Cost Device for Electricity Theft Identification Video - http://goo.gl/tosZm	Gobind Ballabh Pant University of Agriculture & Technology; Pantnagar	Dr. Abhishek Tomar

		Deepankar Rawat			
9	60	Subhagato Dutta	Machine Learning Based Thought Driven Controller for Differently-Abled People Video - http://goo.gl/nYEvg	Indian Institute of Technology; Kharagpur	Dr. Rajat Roy
		Hiranmoy Basak			
		Rajdeep Talapatra			
10	62	Akshay Rangamani	Low Cost Device to Measure Respiratory Rate using Pulse Oximetry Video - http://goo.gl/T6gNs	Indian Institute of Technology; Madras	Dr. Nitin Chandrachoodan
		Archith Mohan			
		Vimal M			
11	69	Chetan Sharma	Non-invasive Detection of Hemoglobin in Blood Video - http://goo.gl/QXUWl	International Institute of Information Technology; Hyderabad	Dr. Shubhajit Roy Chowdhury
		Sachin kumar			
		Anshul Bhargava			
12	93	Adarsh Hasandka	Smart Lighting: A Low Power Lighting Solution for Industrial and Office Use Video - http://goo.gl/utPY5	National Institute of Technology Karnataka; Surathkal	Dr. Muralidhar Kulkarni
		Anirban Ghosh			
		Pavan K Shetty			
		Rohit Raju			
13	101	Harini M	Low Cost DC to DC Controller For Electricity Powered Vehicles Video - http://goo.gl/OiCrW	National Institute of Technology; Tiruchirappalli	Dr. N.Ammasai Gounden
		S Harini			
		R V Layamrudhaa			
		Varsha Padhee			
14	122	Abhishek B	Low Power Portable EEG for Continuous Monitoring with Active Electrodes Video - http://goo.gl/aq3i7	RV College of Engineering; Bangalore	Prof.S.Narayanan
		Abhishek G Poojary			
		Achuth Rao M V			
15	147	Priyanka Sadananda	Self-Powered Active RFID Tag Video - http://goo.gl/YMePH	Vellore Institute of Technology; Vellore	Prof. G. Boopalan
		Shreyas Shenoy			
		T.J.N.Suryarao			

Phase 1 - Consolation Prize Winners

Teams that are awarded consolation prizes will receive their awards (cash prizes similar to Phase 1 awardees) in a colorful Award Ceremony that will be held on April 6 at TI Bangalore campus. Our congratulations to the teams! We also congratulate the mentors and the parent institutions!

S. No.	Team No.	Student Members	Project Title	College	Faculty Mentor
1	29	S.Pranavan	Reverse-Arm Robot For Precise Surgical Operations (Based On Biomimetic Replication Of Smart Insects) Video - http://goo.gl/T1Gxd	College of Engineering Guindy; Anna University; Chennai	Dr.B.Umamaheswari
		A.Sneha Priya			
2	34	Mukul Joshi	Time Based Intensity Control for Energy Optimization Used for Street Lighting Video - http://goo.gl/ZrxrF	College of Engineering; Pune	Prof.D.N.Sonawane
		Abhinav Gunjal			
		Shruti Sonawane			
		Rajashri Madri			

3	45	Prachi Jain	Automated Natural Gas Shut-off Valve System using MSP430 Microcontroller Video - http://goo.gl/SaOeR	Geetanjali Institute of Technical Studies; Udaipur(Rajasthan)	Mr. Saurabh Porwal
		Niraj Ojha			
		Abhishek Sharma			
4	65	Sagar Vaze	Electronics Lab in a Box Video - http://goo.gl/09LxV	Indian Institute of Technology; Madras	Dr. Nitin Chandrachoodan
		Ankit Behura			
		Sagar Sahu			
5	68	Dhrubajyoti Dutta	Automated climate control of Green House through Adaptive Perceptive Particle Swarm Optimization algorithm Video - http://goo.gl/z3EU6	International Institute of Information Technology; Hyderabad	Dr. Shubhajit Roy Chowdhury
		Aashit Verma			
		Abhay Vinayak			
6	85	Sudha Rani G	Electrical Switching Analyser For I-V Characterization Of Advanced Amorphous And Nano- Crystalline Materials Video - http://goo.gl/M3MDS	M.S.Ramaiah Institute of Technology; Bangalore	Prof. Sujatha B
		Shruthi K.P			
		Veena B.G			
		Supriya S.P			
7	90	Abhishek Gupta	Low Cost Agriculture Assist System for Protection of Crops from Frost and Heat Wave Video - http://goo.gl/Xm375	Malaviya National Institute of Technology; Jaipur	Dr. Rajesh Kumar
		Harshit Saxena			
		Bhanu Pratap Singh Rawat			
8	95	Chetan Patil	Smart Electricity Measurement; Management and Billing Video - http://goo.gl/clzUK	National Institute of Technology Karnataka; Surathkal	Dr. (Ms) Sumam David S.
		Kiran Amoghmath			
9	105	Rohit Dureja	"Universal Personal Assistant (UPA)" - a talking measurement device for the visually impaired Video - http://goo.gl/wyPIK	Netaji Subhash Institute of Technology; New Delhi	Mr. Dhananjay V. Gadre
		Anupam Sobti			
10	109	V.Durga Spurthi E	Blind Navigator For Visually Challenged Video - http://goo.gl/B9gQq	Padmasri Dr. B.V. Raju Institute of Technology	Prof. Ashok Shigli
		Y.Sindhuri Reddy E			
11	140	Gursimran Singh	Smart Library Management System Video - http://goo.gl/0vfTn	Thapar university; Patiala	Mr. M.D.Singh
		Deepender Singla			
		AmitRanjan			
12	154	Harshad Bokil	Adding Intelligence to the Street Lights Based on Presence of Moving Object and Light Intensity Video - http://goo.gl/LyQT4	Visvesvaraya National Institute Of Technology; Nagpur	Prof.P.Eswara Rao
		Saurabh Anmadwar			