

# IEEE Madras Student Conference cum Paper Contest - 2017

## IEEE MAS - SCPC 2017

Organized by IEEE Madras Section &

Hosted by Sri Eshwar College of Engineering



IEEE Madras Section and IEEE SB of Sri Eshwar College of Engineering jointly organized the 2<sup>nd</sup> IEEE Madras Student Conference cum Paper Contest -2017(SCPC-2017) during 15<sup>th</sup> and 16<sup>th</sup>Sep 2017 at Sri Eshwar College of Engineering, Coimbatore.

At the inaugural session on 15<sup>th</sup>Sep 2017, held at SECE auditorium. Dr. Sudha Mohanram, Principal, Sri Eshwar college of Engineering welcomed the gathering. Mr. E.Venugopal, IEEE SBC & coordinator of IEEE MAS SCPC 2017, briefed on the Student Conference cum Paper Contest and highlighted the participation statistics. The conference was inaugurated by Mr. H. R. Mohan, Vice Chairman & Chairman, Student Activities at IEEE Madras Section and Dr. N. Kumarappan, Vice Chairman, IEEE Madras Section. Ms. K. Sridevi AP-ECE, proposed the vote of thanks.

SCPC-2017 received 106 papers from 25 colleges and universities in and around Tamilnadu, for there different tracks namely: Track 1: Electrical, Electronics and Communication Engineering, Track 2: Computing and Information Technology, and Track 3: Mechanical, Civil and other Engineering. After preliminary review, 83 papers were scrutinized further for to select 61 papers in total for presentation. Out of this 29 papers were presented in track-1, 19 papers in track-2 and 13 papers in track-3. Dr S. Koteeswaran, Co-Chair, SAC & Excecom Member, IEEE madras Section Dr.M.Malarvizhi from VelTech University constituted the panel of judges who evaluated papers & presentations and selected the prize winners.

Techno vista - a national level technical event was also conducted during this period. On 15th Sep, workshops on DevOps, Cyber Security and Internet of Things were conducted by resource persons from industries. On 16th Sep, events such as Web Page Designing, Coding, Solar Lamp Design, Circuit Debugging, Circuit Designing, Robo Route, Robo Expo and Technical Quiz were conducted.

In valedictory session of SCPC-2017 held on 16<sup>th</sup> Sep, Mr. E.Venugopal, IEEE SBC & coordinator presented the report of the paper presentation contest and announced the winners (three in each track). Mr. H. R. Mohan, Vice Chairman& Chairman, Student Activities at IEEE Madras Section and Dr. Sudha Mohanram, Principal, SECE presented the cash prizes (Rs. 7500, Rs. 5000 & Rs. 2500 for 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> best papers in each track and for all three tracks) and certificate to the winners. The cash prizes were sponsored by IEEE Madras Section. The details of the papers presented by the winners are given below:

PRIZE	AMOUNT (Rs)	NAME	TITLE	COLLEGE NAME
<b>Track 1 -- Electrical, Electronics and Communication Engineering</b>				
1	7500	Yashmitha.K	Design of VCO for PLL using OTA	St.Joseph Engineering College, Mangalore
		Sinchana		
2	5000	Ahamed Nalibudeen.P.S	Photosynthesis based fuel cell	Jeppiar Engineering College, Chennai
3	2500	Arjun Bharath.S	Robot as a spotter hand	Knowledge Institute of Technology, Salem.
		Nandhini.U		
<b>Track 2 -- Computing and Information Technology</b>				
1	7500	Sandeep Kumar.R	Facial Expression detection using neural network for customer based services	Sri Venkateswara College of Engineering, Chennai
2	5000	Santhose.V	A perspective on big-data	Sri Eshwar College of Engineering, Coimbatore.
		Vidya.M		
3	2500	Nandhakumar.S	Computational & synthetic biology interfacing devices for synthetic biotechnology	G.R.Dhamodharan College of Science, Coimbatore.
		Suresh.V		
<b>Track 3 -- Mechanical, Civil and other Engineering</b>				
1	7500	Kannabiran	Multi-purpose tooling machine	Sri Eshwar College of Engineering, Coimbatore.
		Jaichand		
		Ganesh Kumar		
2	5000	Deep Sundar.R	Innovative method on solar thermal Energy storage using PCM	RVS Technical Campus, Coimbatore
		Akilan.V		
3	2500	Muralidharan.R	Planetary gear bicycle	Sri Eshwar College of Engineering, Coimbatore.
		Rakesh		

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