

Researchers present their innovations at global meet in Kovai

Coimbatore, Jan 5:

In a first, Amrita Vishwa Vidyapeetham to organize IEEE INDICON 2018, the flagship conference of the IEEE Council. This premier international conference, which has been held regularly for the past 15 years, is the flagship conference of the IEEE (Institute of Electrical and Electronics Engineers) India Council organised by IEEE Madras section. From the first edition of INDICON in 2004, this conference has been a premier avenue for researchers to showcase their original contributions and innovations and has never been held in a private university before this.

The conference, organised by the departments of Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE) and Computer Science and Engineering (CSE AMRITA) of the Amrita School of Engineering, received 862 paper submissions and 233 selected papers and saw the participation of 300 plus delegates who were a part of 5 plenary talks, 12 keynote addresses, 1 industry track keynote, 7 tutorials, 3 workshops, 362 reviewers, 7 tracks as well as 4 poster sessions.

Various tracks submitted at the conference included circuits and systems, signal and image processing, power electronics and drives,



power systems, control and instrumentation, computer science and communication and networks. All submissions went through a double-blind peer review process and eligible manuscripts were scrutinised by at least two reviewers. Additionally, the reviewers' comments were critically reviewed and the decision was taken based on the scores obtained. The manuscripts were evaluated based on their novelty, relevance to the theme of the conference, their presentation, their technical correctness as well as the overall decision of the reviewers.

The authors of accepted papers were invited to present and discuss their research findings with the audience, either through oral presentations or posters. Speakers, experts in their respective fields who are from the industry and active academicians/researchers also spoke at the event. Salil Kanhere of Electrical Engineering from Drexel University, Philadelphia and Associate Professor at UNSW Sydney, Australia and a Senior Member

of the IEEE said, "it has been an eye opener attending this conference as I never realised that such young minds could come up with such innovative and ingenious ideas. The conference was very well organised and planned and the organisers took good care of all the participants and guests. The talks were very insightful and paper sessions were absolutely brilliant. Presentations made by students were very impressive and I am sure these minds will give a big push to quality research in the future in our country. We are in an age where everything is very fast moving and research can be a slow and time consuming process but I would advise students to stay focused on their research and not look for quick fix solutions."

Prominent international and national speakers who addressed the conference included Dr. Merlyne M. DeSouza, University of Sheffield, UK, Dr. Subhas Chandra Mukopadhyay, Macquarie University, Australia, Dr. Seshadri Srinivasan, Berkeley

Education Alliance for Research in Singapore, Dr. Sivaji Chakravorti, IEEE India Council Chair and Director, NIT Calicut, Dr. Jagadeesh Kumar, Professor of Electrical Engineering, IIT Madras, Deepak Mathur, IEEE Region 10 Director elect, Dr. S.N. Singh, IEEE India Council Chair elect and Vice-Chancellor, Madan Mohan Malaviya University among others.

Dr. Sasangan Ramanathan, Dean-Engineering, AMRITA said, "AMRITA Varsity and IEEE have a long-standing partnership with active IEEE student branches in campuses, numerous awards for our faculty and students and organising of premier IEEE events such as All India Student Congress and conferences in cutting-edge areas such as Smart Grid, Technology Enhanced Education and Robotics for Humanitarian Applications. The conference theme is very close to our Chancellor AMMA's vision of 'Compassion-Driven Research' and to every Amritian."