

  
**Report on INDICON-2018**



The 15th Edition of IEEE INDICON 2018 international conference kicked-off on 16<sup>th</sup> Dec 2018 at Amrita Vishwa Vidyapeetham, Coimbatore Campus. Scheduled from 16 to 18 Dec 2018, INDICON 2018 is the flagship conference of the IEEE India Council organized by IEEE Madras Section at AMRITA with technical support of IIT Madras. Conference highlights included 862 paper submissions, 233 selected papers, 300+ delegates, five plenary talks, 12 keynote addresses, one industry track keynote, 7 Tutorials, three workshops, 362 reviewers, 7 tracks, and four poster sessions.

Various conference tracks included circuits & systems, signal & image processing, power electronics & drives, power systems, control & instrumentation, computer science and communication & networks.

All submissions went through a double-blind peer review process and eligible manuscripts were scrutinized 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.

Dr. Sasangan Ramanathan, Dean-Engineering, Amrita Vishwa Vidyapeetham said, "AMRITA is thankful to IEEE for giving us the opportunity to host the prestigious flagship international conference, IEEE INDICON. This is the first time, a private university has hosted INDICON, which in the past has been held at premier institutions like IISc Bangalore and IITs at Madras, Kharagpur, Roorkee and Delhi. The conference theme, "Harnessing Technology for Humanity" is very close to our Chancellor AMMA's vision of 'Compassion-Driven Research' and a theme that is very close to every Amritian. On behalf of Amrita, I would like to thank the reviewers and the programme technical committee members for setting a high bench mark on the quality of research articles being accepted for this conference".

He added, "AMRITA Varsity and IEEE have a long-standing partnership with active IEEE student branches in campuses, numerous awards for our faculty and students and organizing 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"

Prominent international and national speakers who addressed INDICON 2018 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. Salil Kanhere, University of New South Wales (UNSW), Australia
- Dr. Sivaji Chakravorti, IEEE India Council Chair & Director, NIT Calicut
- Mr. Deepak Mathur, IEEE Region 10 Director Elect for 2019
- Dr. S.N. Singh, IEEE India Council Chair elect & Vice-Chancellor, Madan Mohan Malaviya University
- Dr. Bodh Raj Mehta, Dean (R&D), IIT Delhi
- Dr. C.E. Veni Madhavan, Indian Institute of Science (IISc), Bangalore
- Dr. Somnath Chanda Roy, IIT Madras

- Dr. Venkataraman S., Additional Director, ISRO Hyderabad
- Dr. Harish Barshilia, Head, Surface Science Division, NAL
- Mr. Radhakrishnan K., Royal Philips

Salil Kanhere, Associate Professor at UNSW Sydney, Australia and a Senior Member of the IEEE said, “It is has been an eye opener attending this conference as I never realized that such young minds could come up with such innovative and ingenious ideas. The conference was very well organized and planned and the organizers 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.”

The IEEE India Council EXECOM and AGM were also held on 16<sup>th</sup> Dec 2018 on the sidelines of the conference. The organizing departments @ AMRITA School of Engineering, Coimbatore were Electronics & Communication Engineering (ECE), Electrical & Electronics Engineering (EEE) and Computer Science & Engineering (CSE). Dr. Jagadeesh Kumar, Professor of Electrical Engineering, IIT Madras and AMRITA Chairpersons of ECE, EEE & CSE departments, Dr. M. Jayakumar, Dr. K.C. Sindhu Thampatty and Dr. Latha Parameswaran served as the general chairs. Dr. S. Mahadevan, Deputy Dean, AMRITA and Dr. Madhu Mohan N., AP/ECE, AMRITA served as the organizing chair and secretary respectively for the conference.



Report by: Mr. Prashant R Nair