

**Report on Two days IEEE Conference Conducted by Department of Information Technology in association with IEEE Computer Society on 16-17<sup>th</sup> Dec 2021**

The 4th IEEE International Conference on Computing and Communication Technologies (ICCCT'21) was hosted by Sri Sai Ram Engineering College, Chennai from 16th to 17th December 2021. ICCCT'21 is a non-profit conference and provides an opportunity to the practicing engineers, academicians and researchers to meet in a forum to discuss various issues and its future direction in the field of computing and communication technologies. The conference aims to put together experts from the relevant areas to disseminate their knowledge and experience for the relevant future research scope. There were 35 tracks in the conference covering almost all areas of the aforementioned fields.

This 4th edition of ICCCT received a massive response of 400 papers from all over India and other countries. 112 best quality papers were accepted after the review process. The paper acceptance ratio is 28%. In this two-day mega event, 3 keynote sessions have been organized. The conference was organized virtually on an online Zoom platform adhering to the COVID-19 pandemic guidelines. All 112 accepted papers have been presented virtually in 14 technical sessions. Two session chairs were present in each of these 14 technical sessions.

The inaugural session of ICCCT'21 began at 9: 30 AM on 16.12.21 with speeches of distinguished guest professors, Mr. Sampath Veeraraghavan, IEEE Eta Kappa Nu 2023 Global president, Shri. Sai Prakash Leomuthu, Chairman & CEO, Sairam Institutions, Dr. Valentina Emilia Balas, Professor, Aurel Vlaicu University of Arad, Romania, Dr. N. Kumarappan, Chair, IEEE Madras Section. The conference commenced with two back-to-back keynote speeches on '2-D Biosignal Processing for automation in Disease detection based on Deep Neural Networks' by Dr. Celia Shahnaz, Professor, Department of EEE, BUBT, Bangladesh, Chair, IEEE Signal Processing Society and 'Intelligence unit commitment with vehicle to grid using hybrid optimization technique' by Dr. N. Kumarappan, Chair, IEEE Madras Section/CIS Madras Chapter. This was followed by concurrent paper presentation panels in 7 technical sessions. On the first day, 56 papers were presented with the participation of more than 170 authors.

The second day began with a speech on 'Deep Learning Based Image Super Resolution by

Dr. Supavadee Aramvith (Associate Professor, Multimedia Analytics and Processing Research Unit, Department of Electrical Engineering, Chulalongkom University, Thailand). This was followed by concurrent paper presentation panels in 7 technical sessions. Overall, 56 papers were presented on the second day with the participation of more than 170 authors.

The event concluded with a Valedictory Ceremony at 2:30 pm, Dr. Jerzy Ryszard Szymanski, professor, Kazimierz Pulaski University of Technology and Humanities in Radom, Poland, enlightened the event through his worthy discourse. Finally, the session concluded with the vote of thanks by Ms. Bella Godwin Gracia, Assistant Professor, Department of Information Technology, Sri Sairam Engineering College.