



Chief Patron's Message

Kongunadu College of Engineering and Technology (KNCET) is committed to build and sustain itself as an institution where quality is the hallmark in each and every activity. I am immensely happy that the Department of CSE, ECE, EEE & IT, of our college is organizing a 3rd International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'21) on 27th March 2021 in association with Kongunadu Innovation Council through online mode.

On this Occasion I would like to congratulate General Chair, Conference Chair, Conference Co-chairs and Organizing team of ICIEICE'21 for their efforts, dedication and involvement for making this conference a grand success. My sincere thanks to all the Keynote Speakers and Session Chairs for sharing their knowledge to our Faculty Members, Students and Participants.

I extend my thanks to all the participants where it will create a good network of relationships in future.

I hope that this conference would certainly induce innovative ideas among the participants paving the way for new inventions and new technologies in the field of CSE, ECE, EEE & IT.

I am sure that these departments will keep on contributing more effectively in order to achieve the ultimate goal for which conference was established. I am sure this conference will be a milestone in ensuring the highest standards in this profession.

Dr. PSK.R. Periaswamy, Chairman, Kongunadu Educational Institutions, India
Chief Patron of ICIEICE'21



Message from the General Chair

It is my great pleasure to welcome you to the 3rd International Conference on Innovations in Electrical, Information and Communication Engineering (ICIEICE'21) which takes place in our Kongunadu College of Engineering and Technology (KNCET), Trichy on March 27, 2021. It has been a real honor and privilege to serve as the General Chair of this conference.

ICIEICE'21 is providing the cross-disciplinary venue for researchers and practitioners to address the rich space of Electrical, Information and Communication Engineering. The program will provide ample opportunities for discussions, debate, and exchange of ideas and information among conference participants.

The conference would not have been possible without the enthusiastic and hard work of a number of colleagues. I would like to express our appreciation to the Conference Chair, Co-Conference Chairs and Conference Secretaries, for their valuable contribution in assembling a quality conference program.

A conference of this size relies on the contributions of many volunteers, and I would like to acknowledge the efforts of our technical review committee members, Grenze digital library and referees for their valuable help in the review process.

I am also grateful to all the authors who trusted the conference with their work.

Special thanks to the Keynote Speaker, for sharing her views on current research topics.

I look forward to an exciting week of insightful presentations, discussions, and sharing of technical ideas with colleagues from around the colleges.

Dr. R. Asokan, Principal, KNCET, Trichy, Tamilnadu, India.
General Chair of ICIEICE'21



Message from the Conference Chair

The ICIEICE'21 conference has established itself as a worldwide reference for the dissemination of high-quality research in all aspects of Electrical, Information and Communication Engineering for fostering interaction and exchange of ideas.

ICIEICE'21 is fortunate to attract a high interest among the community, and the main conference received 99 submissions which span into 04 tracks. The high number of submissions provided an excellent opportunity for a high-quality program, but also called for a demanding and laborious paper valuation process. The members of the Technical Program Committee worked efficiently and responsibly under tight time constraints to produce at least three reviews for each paper that provided the basis for the final paper selection. To allow the conference participants to benefit from further worthwhile and stimulating research results, 60 papers were accepted for presentation co-located with the main conference.

The main program of ICIEICE'21 includes streams of up to four technical parallel sessions. The program is further enriched by a keynote presentation offered by Professor Dr.M.Sridevi, Assistant Professor, Department of Computer Science and Engineering, National Institute of Technology, Trichy, Tamilnadu, India, addressing the topics like Machine Learning, Data Analytics and Communication Technologies.

We thank our Journal Partner Grenze Digital Library. 28 papers will be indexed in scopus. We are grateful to all authors who trusted us with their work; without them there would be no conference. The final result would not have been possible without the dedication and hard work of many colleagues.

I thank our beloved Chairman, Dr. PSK. Periaswamy, Chief Patron of ICIEICE'21, who always motivates us to do innovative activities for the benefit of students and our dynamic principal, Dr. R. Asokan, General Chair of ICIEICE'21, for his vision and leadership.

I would like to express my sincere thanks to session chairs to give their valuable comments to participants.

Special thanks to Conference Co-chairs, Organizing Secretaries and Publication Chair, and the faculty members and students of KNCET, Technical Program Review Committees and to all external referees for the quality and depth of the reviews, and their sense of responsibility and responsiveness under very tight deadlines.

Dr. J. Yogapriya, Dean (R&D), KNCET, Trichy, Tamilnadu, India.
ICIEICE 2021 Conference Chair