The first edition of the International Conference on Recent Trends in Communication and Embedded system Technologies - 2021 (ICRCET-'21) will be held at the Department of Electronics and Communication Engineering, Christ College of Engineering, Irinajalakuda-680125, India, from July 7-9, 2021**.** ICRCET-’21 aims to encourage participation and promotion of collaborative scientific and academic inter-workings among individual researchers, UG-PG students and faculty members. The purpose is to build bridges between academia and industry, and to encourage interplay of different culture. In addition to regular technical sessions, the program will include plenary talks and panel discussions featuring international and national speakers covering the most recent topics in Electronics and Communication Engineering.

Call for Papers:

We invite the submission of original, unpublished extended abstracts of technical papers on topics including but not limited to:

**Track -1 Communications and Networking**

* + Satellite, and Underwater communications
  + Wireless Energy Harvesting
  + Millimetre Wave Communication
  + Antennas, Microwave and RF
  + Optical Fibre Communication
  + Analog & Digital Communication
  + 5G Technology and Implementations
  + MIMO and Multi antenna communications
  + Cooperative Communication
  + Wireless Body Area Networks
  + Full Duplex Systems
  + Cognitive and Software-Defined Radio
  + V2V, M2M and D2D communications
  + Energy Efficient Protocol and Routing
  + Modelling, Estimation and Equalization of wireless channels
  + Cryptography, Security and Privacy algorithms
  + Network Information and Coding Theory

**Track -2 Signal processing & Image Processing**

* + Biomedical Signal Processing
  + Signal Processing for Communications
  + Radar and Sonar Signal Processing
  + Signal Detection, Estimation and Array Processing
  + Signal and Information Processing Over Networks
  + Physical, Optical and Biosensors
  + Image / Video / Multimedia Signal Processing
  + Audio / Speech / Spoken Language Processing
  + Digital & Multirate Signal Processing
  + Signal Processing Algorithms and Architectures
  + Pattern Recognition and Object Tracking
  + Sensing, Representation and Modelling
  + Texture Representation and Classification
  + Restoration and Enhancement
  + Filtering and Multi-resolution Processing
  + Compression, Coding, and Transmission
  + Image, Video Analysis and Synthesis
  + Detection, Recognition, Localization and Classification
  + Biometrics, Forensics, and Security
  + Biological Processing
  + Embedded Image Processing

**Track -3 Embedded & VLSI Design**

* + VLSI Signal Processing
  + Analog, Mixed-Signal, RF Processing and Design
  + FPGA and Embedded System Design
  + Nano and Flexible electronics Design
  + CAD for VLSI Design
  + Robotics, Control, Instrumentation and Automation
  + Electronic devices, materials and fabrication process
  + Advanced CMOS devices and process
  + Emerging memory technologies
  + Analog and mixed signal ICs
  + MEMS and semiconductor sensors
  + Intelligent control, Neuro-control, Fuzzy control and their applications
  + Networked control systems
  + Industrial automation
  + Embedded Hardware & software Design & Verification
  + IoT & Connected Devices
  + AI, machine learning
  + Multi-Core Embedded Systems
  + Sensor-based Systems and Applications
  + Ubiquitous and Distributed Embedded Systems and Networks