IEEE International Conference on Communication, Computing, and Industry 4.0 (C2I4) – 2020
Date: 17th & 18th December 2020
Venue: CMR Institute of Technology, Bangalore, India

About the Conference
IEEE International Conference on Communication, Computing, and Industry 4.0 (C2I4) organized by CMR Institute of Technology, Bangalore aims to bring out cutting-edge research works carried out in the leading academic institutions, research labs, and industries contributing to the fourth industrial revolution – popularly known as Industry 4.0. In this context, the scope of the conference is the convergence of the design principles in the areas of communication networks, cyber physical systems, computing technologies, and associated applications for automation under one roof. To facilitate this, the conference hosts presentations of peer-reviewed original technical papers on recent developments in these areas.

Call for Papers
Track 1: Communication and Networks:
- 5G & Next Generation Technologies
- IoT Networks
- MIMO and OFDM
- Massive MIMO
- Wireless Communication
- Antenna Theory
- RF and Microwave Communication
- Optical Communication
- Machine Learning for Communication
- Satellite Communication systems
- Networks & Security,
- Cognitive Radio Networks
- Software Defined Networks
- D2D Communication
- Open Spectrum
- Signal Processing, Sensors and Networks

Track 2: Circuits and Systems:
- Analog and Digital Circuits
- Nano Technologies
- Power Electronic
- Digital system design and verification and MEMS
- Neural Processors
- Energy Efficient Computing Systems
- Reliable and Fault Tolerant Designs
- Battery management system
- Power electronics applications
- Electrical drives and control
- Power system analysis
- Renewable energy sources
- Instrumentation Networks and Software
- Mechanical
- Force and Tactile Sensors
- Biological Inspired Sensors
- System Modelling and analysis
- VLSI Design & RF Circuits

Track 3: Data Science and Advanced Computing
- Big Data Analytics
- Artificial Intelligence
- Internet of Cognitive Things
- Deep Learning
- Computational optimization
- Pattern, Image, and Object Recognition
- Cryptography
- Image Processing
- Human Computer Interaction
- Edge Computing
- SDSC and Cloud Computing

Track 4: Industrial Automation
- Products for Industry 4.0
- IoT for smart factories
- Smart cities
- Machine Intelligence for disaster
- Smart manufacturing
- Remote sensing & GIS
- Design Automation
- Robotics and Automation
- Autonomous Vehicles
- E-Vehicle modelling and control
- Mechatronics
- Nano-technology

Organizing Committee
General Chair:
Prem Kumar Ramesh, CMRIT, Bangalore; IEEE Member

Technical Program Chair:
Mahesh Kumar Jha, CMRIT, Bangalore; IEEE Senior Member

Technical Program Co-Chair:
Soma Pandey, Reliance Jio, Bangalore, India; IEEE Senior Member
K. Venkateswaran, CMRIT, Bangalore; IEEE Member

Treasurer/Finance Chair:
Asha M Nair, CMRIT, Bangalore

Publications Chair:
V. Jhang, CMRIT, Bangalore; IEEE Member

Publications Co-Chair:
Divya MG, C-DAC, KP, Bangalore; IEEE Senior Member
Shrikant Tangade, REVA University, Bangalore; IEEE Senior Member

Information Contact Chair:
Velraj Kumar, CMRIT, Bangalore, IEEE Senior Member

Steering Committee Chair:
Arun Kumar T, CMRIT, Bangalore

Note: Based on the COVID-19 pandemic situation during the month of December 2020, call for virtual mode of the conference will be taken.

About CMRIT, Bangalore
CMR Institute of Technology, Bangalore is not just a college, it’s a community of pro-active students with ambitious dreams. We, at CMRIT, provide our students with all the necessary tools and guidance to convert their dreams into actions. CMRIT Bangalore was established in the year 2000 and is one of the leading technical institutions in Bangalore accredited with NAAC A+ grade. It is affiliated to Visvesvaraya Technological University, Belgaum, Karnataka recognized by the All India Council for Technical Education, New Delhi. CMRIT offers UG & PG Courses in multiple streams, and PhD programs through its affiliated Research Centres.

Submission Guideline
Submit your paper using Easy Chair link: https://easychair.org/conferences/?conf=c2i4
For further information regarding the conference and paper submission, please refer conference website: http://c2i4.com

Publication
Authors are invited to submit regular (max 6 pages) papers that contain original material which is not communicated to any other conference or journal and has not been previously published. The conference is sponsored and technically supported by IEEE HQ, IEEE Bangalore Section, and IEEE ComSoc Bangalore Chapter. Accepted extended abstracts will be submitted for possible inclusion into IEEE Xplore. The conference will recognize Best Paper Awards during the conference. Authors are advised to follow IEEE Policy Plagiarism.

Important Dates
Paper submission deadline: 22nd August 2020
Acceptance Notification: 08th October 2020
Camera-Ready Submission: 31st October 2020
Conference Date: 17th & 18th December 2020

Address for Communication
CMR Institute of Technology
#132, AECs Layout, ITPL, Main Road, Bangalore-560037
Website: http://www.cmrit.ac.in

CONTACT: Ph: +91-9748126866 / +91-9036278572 | Email: c2i4@cmrit.ac.in

Registration Fees* (INR)

<table>
<thead>
<tr>
<th>Member Category</th>
<th>Early Bird**</th>
<th>Final</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-IEEE</td>
<td>4500</td>
<td>6000</td>
</tr>
<tr>
<td>IEEE</td>
<td>3500</td>
<td>4500</td>
</tr>
<tr>
<td>Attendee</td>
<td>3000</td>
<td>4800</td>
</tr>
</tbody>
</table>

* Per paper submitted for presentation
** Ends by 30th October 2020