Organizing Committee

Chief Patron: Shri. L. Gopalakrishnan
Managing Trustee,
PSG & Sons' Charities Trust,
Coimbatore

Patron: Dr. K. Prakasan
Principal,
PSG College of Technology

Convener: Dr. V. Krishnaveni
Professor & Head
Dept. of ECE

Co-Convener: Dr. T. Kesavamurthy
Professor, Dept. of ECE

Co-ordinators:
Dr. A. Kannammal, Associate Professor
Dr. C. Ramya, Associate Professor
Department of ECE,
PSG College of Technology, Coimbatore

Registration

- Participants interested to attend this workshop should register online in the link.

- The registration of the participants is accepted after payment of workshop fee and uploading of the payment proof in the registration link.

https://forms.gle/kbv17XpwrSBpT7Mf7
### About the College

PSG & Sons’ Charities Trust was founded in the year 1926. PSG College of Technology, a premier institution for Engineering, was established by PSG & Sons’ Charities Trust in the year 1951. The institution is well equipped with modern facilities of world class standards. The college is government–aided, autonomous, ISO 9001:2015 certified and affiliated to Anna University. The college offers a total of 63 full time and part time programmes in Engineering, Technology, Science and Management at UG, PG and Doctoral levels. The college maintains close interaction with several R&D institutions and institutions of higher learning in India and abroad. It also has close collaborative links with industries. Several advanced centres are set up with financial support from the Ministry of Human Resources Development, DST and other agencies.

### About the Department

The department of Electronics and Communication Engineering is started in the year 1968. The department has Undergraduate programme in Electronics & Communication Engineering and Post Graduate Programmes in Communication Systems, VLSI Design, Wireless Communication and Nanoscience & Technology offering high class technical experience to the students. In 2018, BE ECE Program has been accredited for 6 years by National Board of Accreditation (NBA). In 2017, ME Communication Systems and in 2016, ME VLSI Design Programmes have been accredited for 5 years by NBA. The strong industry oriented curriculum of the department equips the students with profound knowledge and special experimental skills to make a successful career in renowned industries and it has bagged the AICTE-CII award 2013 for the best industry linked institute in the stream of ECE. The department has involved in several projects sponsored by MeitY, DST, DRDO, UGC, AICTE etc.

### Key take away from the Workshop

- Three days trial version of ADS 2022 will be provided to all participants
- PSG and Keysight endorsed hardcopy certificate will be provided
- Hands on exercise will be provided
- Research collaboration with ECE, PSG college of Technology, Coimbatore – 04

### Targeted Participants

This workshop is open to all faculty members, Research scholars, UG/PG students who wants to perceive their design and analysis skills in RF circuits.

### Important Dates

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last date for Registration</td>
<td>21st Nov 2022</td>
</tr>
<tr>
<td>Date of Intimation regarding ADS 2022 installation</td>
<td>23rd Nov 2022</td>
</tr>
<tr>
<td>Date of workshop</td>
<td>25th and 26th Nov 2022</td>
</tr>
</tbody>
</table>

### Topics to be covered

- Overview of ADS 2022
- Advanced Design aspects of RF Filters
- High reliability couplers
- Design of Low Noise Amplifier
- Meta-material techniques
- Massive MIMO
- Case studies in RF Technologies