**TEQIP - III Sponsored**

**Two Day workshop on Mathematics**
**For Signal & Image Processing**

13th – 14th March 2020

Organized by
Department of ECE,
PSG College of Technology,
Coimbatore – 641 004

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**APPLICATION FORM**

Name (in Block Letters) : ..................................................
Qualifications : ..........................................................
Designation & Dept. : ....................................................
College / Organization : ..............................................
Address for : ..............................................................
Communication .........................................................
( with PIN Code ) ..........................................................
Phone (with area code) : Office : ....................................
Mobile : .................................................................
E.Mail ID : .................................................................
A Demand Draft* is enclosed for Rs ...............................
DD.No .................................................................
Issuing Bank ............................................................
Place : .................................................................
Date : .................................................................
Signature

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**Important Dates**

Spot registration is also available
The details of this programme are available in our website
http://www.psgtech.edu

**Registration**

<table>
<thead>
<tr>
<th>Students/ Research Scholars</th>
<th>Rs 500/-</th>
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<tr>
<td>Faculty / Industry Participants</td>
<td>Rs 750/-</td>
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How to Apply?

Registration for workshop can be made by sending the duly filled application form along with Demand Draft drawn in favor of “PSG CNCE” payable at Coimbatore.

No Registration Fee for internal faculty.

Please confirm your participation through mail.

For further details contact:
Dr. S. Allin Christe, Associate Professor
Mr. T. Venkatachalam, Assistant Professor
Dept. of ECE
Mob: 9443301508
Mail: sac.ece@psgtech.ac.in , tvm.ece@psgtech.ac.in

**The duly filled application forms are to be sent to:**

Dr. S. Allin Christe/ Ms. S. Akila,
Department of Electronics & Communication Engineering
PSG College of Technology,
Peelamedu
Coimbatore – 641004
Tamil Nadu

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**Convener**

Dr. V. Krishnaveni
Associate Professor & Head i/c, Dept of ECE

**Organizing Secretary**

Dr. S. Allin Christe
Mr. T. Venkatachalam

**Organized by**

Department of Electronics & Communication Engineering
PSG College of Technology
Coimbatore – 641 004
About the College

PSG College of Technology, an institution of academic excellence, was founded in the year 1951 by PSG & sons Charities Trust. PSG College of Technology an AICTE approved institution is affiliated to Anna University and ISO 9001 certified. Most of our programmes have been accredited by National Board of Accreditation (NBA). Recognizing the excellent infrastructure, faculty, progressive outlook, high academic standards and record performance, PSG College of Technology was conferred Autonomous status in the year 1978. One unique feature at PSG College of Technology is the close collaboration of educational institution and industry, resulting in the cross fertilization of theory with practice.

About the Department

The Department of Electronics and Communication Engineering came into existence in the year 1968. Ever since its inception, it has been splendid in providing dynamic and quality engineers to the society till date. The department has Undergraduate programme in Electronics & Communication Engineering and Post Graduate Programmes in Communication Systems, Wireless Communication, VLSI Design and Nano Science & Technology offering high class technical education to the students. In 2017, ME Communication Systems program has been accredited for 5 years by National Board of Accreditation (NBA). In 2018, BE ECE program has been accredited by 6 years by NBA. The department has always been interested not only in updating the curriculum, but also in enhancing the laboratory facilities to cope up with the new developments in the state-of-the-art technologies. The Department has been funded with sponsored research projects from the Ministry of Electronics & Information Technology (MeitY), All India Council for Technical Education (AICTE), Department of Science & Technology (DST), Defense Research & Development Organization (DRDO), University Grants Commission (UGC) etc.

About the Workshop

Signal & Image Processing have a wide range of applications in almost all disciplines of Engineering. The primary objective of the program is to provide the mathematics required for Signal & Image Processing. The workshop is conducted by PSG-TI Centre of Excellence for Signal Processing (CESP). CESP is established in the Department of ECE in collaboration with Texas Instruments (TI) Bangalore, and STEPS Knowledge Services Pvt. Ltd., Coimbatore. The major facilities of the CESP include DSP Development Kits, CCS Software and Advanced Image Processing system. The centre has been funded by PSG Management, AICTE, Texas Instruments and TEQIP III.

Topics to be covered

- Fourier Transform & the problem of Downsampling
- Filtering
- Statistical Signal Processing
- Graph Signal Processing
- Geometry Processing

Eligibility

This workshop is open to faculty and research scholars in any Engineering department.

Pre-requisite

Basic knowledge on signal and image processing is necessary.