

Resource Persons



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Registration Fee

Industry Persons	:	Rs. 2500/-*
Faculty and Research Scholars	:	Rs. 2000/-*
UG/PG Students	:	Rs. 950/-*

* - inclusive of 18% GST

The registration fee includes workshop kit, presentation materials, certificate of participation, lunch and refreshment.

Participants

The workshop is open to Faculty of Engineering/Arts and Science colleges, Research Scholars and students of Electronics and Communication Engineering, Computer Science Engineering., Information Technology and M.C.A disciplines. Industrial persons can also apply. Participants will be expected to have knowledge about Image Processing. The registration will be closed on 27th February, 2024.

NB: Brochure and Registration form can be downloaded from www.tce.edu



Two Days Workshop

On

**“AI for Image Processing, Computer Vision
and Robotics”**

1st & 2nd March, 2024

Coordinators

Dr.S.Md.Mansoor Roomi

Dr.M.Senthilarasi

Organized by

DEPT. OF ELECTRONICS & COMMUNICATION ENGG

THIAGARAJAR COLLEGE OF ENGINEERING

MADURAI, TAMILNADU - 625 015

College

TCE is one of the highly recognized Engineering and Technology Institutions in India by MHRD. Spread across 143 acres, TCE is a self sustained educational institute with nearly 219 Faculty members, 4300 students and 200 administrative and supporting staff. The campus is set within a serene and eco-friendly environment surrounded by dense vegetation and best infrastructure facilities. More than 60% of the faculty members hold doctoral degrees from reputed national and international Institutions. The institution has fifteen academic departments (offering nine UG programmes and ten PG programmes), five nodal research centers, Incubation center and more than fifty laboratories aiding hands-on learning of products and system building. Each course is designed to have balance depth of conceptual and technical knowledge along with practical understanding.

Department

Department of Electronics and Communication Engineering offers a UG programme in Electronics and Communication Engineering and a PG programme on Communication Systems. The department was started in the year 1978. Both UG and PG programmes are accredited by National Board of Accreditation (NBA). The department has been awarded for the Best Industry-Linked Electronics and Communication Engineering Institute by AICTE-CII.

Objective

The objective of the workshop is to empower participants with a comprehensive understanding of artificial intelligence (AI) concepts, applications, and tools through an interactive. Specifically, the workshop aims to demystify AI for Image Processing, Computer Vision, and Robotics, providing practical insights into its real-world applications. Furthermore, the workshop endeavors to equip participants with the knowledge and skills necessary to effectively leverage AI technologies. By the conclusion of the workshop, participants should

possess a solid grasp of AI fundamentals, an appreciation for its potential across various domains, and hands-on experience with AI tools and techniques. Ultimately, the workshop seeks to foster participants' confidence in integrating AI into their professional endeavors or projects. This workshop also aims to facilitate networking opportunities among individuals involved in the development of AI algorithms.

Topics

- Image Processing and AI – fundamentals
- Mathematics for Deep Networks
- Computer Vision
- Robot assisted Imaging
- AI for Satellite Image Analysis
- AI based Video Analytics
- AI for Visual Computing - Case studies
- Hands on AI through Matlab and Python

Online Registration Procedure

Step 1: Make your Registration fee payment

at <https://eazypay.icicibank.com/>

(a) Type "T C E" with Space (as mentioned) in the "Enter Institute Name".

(b) Select the Last Option* ("T C E SOUVENIOR") from the drop-down menu

(c) Enter the Required Information

(Email id, Mobile number, Name, Designation, College Name, Department, Registration Fee, Title of the Programme). Please specify the "Title of the Programme" as **AIIPCVR**.

(d) Pay the fees and download the eazypay Transaction Receipt

Step 2: Submit Google

Form <https://forms.gle/qxEsqN1cuPtGaYvQ6>

Contact Details

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THIAGARAJAR COLLEGE OF ENGINEERING

DEPARTMENT OF ECE

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REGISTRATION FORM

1. Name of the Participant :

2. Designation :

3. Department :

4. Name of the Institution :

5. Contact email ID :

6. Mobile Number :

7. Payment Reference Number :
(Transaction Id)

8. Amount Paid :

9. Payment Date :

Date:

Signature