

## Resource Persons



**Dr. V .Kumar**  
Former Professor & Head  
Agricultural Engineering  
Department  
ACRI-TNAU-Madurai Campus  
Madurai



**Dr.P.Bakkiyalakshmi**  
Asso.Professor,  
Department of Agricultural  
Engineering,  
Saveetha Engineering College  
Chennai



**Dr. R. A. Alagu Raja,**  
Professor,  
Remote Sensing & GIS Lab  
Department of ECE ,  
Thiagarajar College of  
Engineering, Madurai

## Registration Fee

Faculty : Rs. 1000/-\*

Ph.D/ PG/ UG Students : Rs. 750/-\*

\* - inclusive of 18% GST

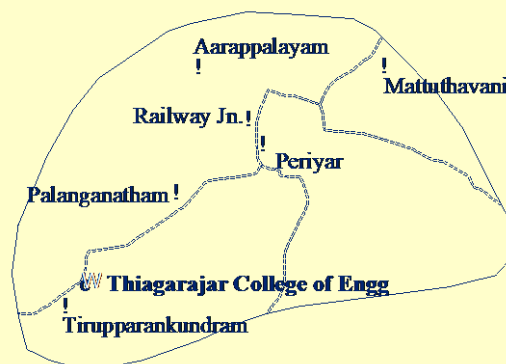
The registration fee includes workshop kit, certificate of participation, lunch and refreshment.

## Participants

The seminar is open to Faculty of Engineering/Agriculture/Arts and Science colleges, Ph.D/PG/UG students of relevant field of study. The registration will be closed on 20<sup>th</sup> July 2024(Saturday).

NB: Brochure can be downloaded from [www.tce.edu](http://www.tce.edu)

## TCE-Location :



## National Seminar

On

**“REMOTE SENSING TECHNOLOGY  
FOR AGRICULTURAL APPLICATIONS”**

**22<sup>nd</sup> July, 2024**

**Coordinator**

**Dr.R.A.Alagu Raja**

**Organized by**

**REMOTE SENSING & GIS LAB  
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.

## 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 seminar is to provide participants with an understanding of how remote sensing technology can revolutionize agricultural sector. The seminar aims to expose the application of remote sensing in agriculture using various case studies implemented using different satellite images. The seminar seeks to empower participants to confidently integrate remote sensing technologies into agricultural research, decision-making processes, and operational activities.

## Topics

- Remote Sensing Fundamentals
- Remote sensing and GIS for Agricultural Resource Management
- Tree Species Detection from Satellite Images using ML/DL Algorithms
- Agricultural Drought Monitoring
- Agricultural Change Detection Studies
- Crop Phenology Studies
- Estimation of Evapotranspiration
- Microwave Remote Sensing For Soil Moisture Estimation

### 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 **RSTAA**.

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

**Step 2:** Submit Google Form

<https://forms.gle/AqWuRtEBoq7PtCYv6>

### Contact Details

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**THIAGARAJAR COLLEGE OF ENGINEERING**

**DEPARTMENT OF ECE**

**National Seminar**

**On**

**“REMOTE SENSING TECHNOLOGY  
FOR AGRICULTURAL APPLICATIONS”**

**22<sup>nd</sup> July, 2024**

**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: