

## ABOUT THE INSTITUTION

Velammal College of Engineering and Technology was established in the year 2007 to impart quality technical education. VCET is conferred with Autonomous Status by UGC from 2021-2022. It is approved by All India Council for Technical Education (AICTE), New Delhi and accredited with "A" Grade by NAAC and accredited by NBA, New Delhi for 6 UG programmes. The college has world class infrastructure, a team of dedicated faculty and trained administrative staff. VCET has obtained 58 R&D projects to the tune of Rs 12.54 crores, funded by DST, DRDO, AICTE, ISRO, MNRE, MSME, IEDC, BIRAC, etc., Recognized as Business Incubator under MSME, it was funded with Rs. 104 lakhs for 14 projects. Our Velammalians are placed in leading MNCs like ZOHO, Juspay, Wells Fargo, Swiggy, CODA Global, Sirius Technologies, Amazon, WIPRO, EmbedUR Systems, Amphisoft, Presidio, etc., Our Institution is recognized as Research Institute by Centre for Research, Anna University Chennai.

## ABOUT THE DEPARTMENT

Department of Electronics and Communication Engineering has been making rapid strides in providing quality technical education. Department has excelled in academia and research, securing 23 funded research grants worth Rs. 3.6 Crores from various funding agencies like DRDO, DST, AICTE, etc., It is an emerging hub in Electronics and Communication Engineering achieving consistent academic excellence with 116 university ranks and a Gold Medal in the last six batches. It offers a conducive learning environment with 13 well-equipped laboratories featuring the latest configurations and software tools. Faculty expertise spans diverse domains and they are actively involved in pioneering research areas such as Biomedical Communication, Machine Learning, Artificial Intelligence, Antennas & RF, Internet of Things, Embedded Systems, VLSI and Networks resulting in over 800 research publications listed in SCI, SCIE, Web of Science, SCOPUS, etc.

## OBJECTIVE OF THE PROGRAMME

- ❖ This National Level Workshop will focus upon exploring new avenues with latest advances in the field of Microwave and RF technology.
- ❖ This course is intended for academic community in teaching, research and for the engineering students (UG/PG) who wish to develop a deeper understanding and create custom solutions to problems in the field of RF, Antenna and Microwaves.
- ❖ Design and implementation methods for various topics related to this workshop shall be highlighted.
- ❖ At the end of this programme, the participants can learn about different smart antennas along with the real time applications.

## SEMINAR PREAMBLE

- ❖ Fundamentals of RF / Microwave Active and Passive Circuits
- ❖ Antennas for Wireless Cellular Applications
- ❖ Transmission Lines and Wave structures
- ❖ High Frequency Measurements Techniques
- ❖ Smart Antennas
- ❖ Biomedical Communication using Microwaves
- ❖ Microwave Integrated Circuits
- ❖ Power Dividers, Filters and RF Heating
- ❖ EMI Shielding Materials
- ❖ Industrial Applications of Microwaves

## RESOURCE PERSON

Sessions will be handled by the subject experts from Research Organization and other premier Govt. / Govt. Aided Institutions.

**TNSCST Supported**  
**Two Days National Workshop**

**On**

**“Recent Advancements in RF,  
Antennas and Microwave  
Technology”**

**30.01.2025 & 31.01.2025**



**Organized By,**



**Department of Electronics and  
Communication Engineering**

**VELAMMAL  
COLLEGE OF ENGINEERING AND  
TECHNOLOGY**

*(Autonomous)*

Viraganoor, Madurai – 625 009, Tamilnadu.

## ORGANIZING COMMITTEE

### CHIEF PATRON

**Shri.M.V.Muthuramalingam**

Chairman, VCET

### PATRON

**Dr.P.Alli,**

Principal, VCET

### CONVENER

**Dr.S.Vasuki,**

Professor and Head, Department of ECE

### ORGANIZING SECRETARY

**Dr.S.PALANIVEL RAJAN,** Professor / ECE

### CO-ORDINATORS

**Mr.A.SUBAN,** AP/ECE

**Ms.A.ALAIMAHAL,** AP/ECE

**Mrs.A.SAKTHI PREETHA,** AP/ECE

### VENUE

**Seminar Hall - II, Main Block,**

Electronics and Communication Engineering

### EXPECTED PARTICIPANTS

- UG/PG Engineering Students, Research Scholars and Faculty members from various reputed Engineering Institutions/Polytechnic Colleges.
- Industrialists from reputed companies

❖ **Number of seats is limited to 80**

❖ **Participation Certificate will be provided to all the participants**

## BOARDING AND LODGING

Boarding will be provided to all the participants in the college campus at nominal cost, subject to the availability and request.

## REGISTRATION DETAILS

Delegates	Fees (Rs.)
UG / PG Students & FT Research Scholars	400
Research Scholars (PT) / Faculty Members	500
Industry Persons	800
❖ Selection Intimation will be given through Email only.	
❖ Mode of Payment – Online Transaction & Cash payment.	
❖ Google Pay Number - 9842407121	

## IMPORTANT DATES

Last date for submission of Application : **25.01.2025**

Intimation of selection (through Email) : **27.01.2025**

Confirmation by Participants : **28.01.2025**

## ADDRESS FOR COMMUNICATION

College is situated at Viraganoor abutting the National highway (NH 7) about 5 km from Madurai. It is well connected by road and rail.

**Dr.S.Palanivel Rajan,** Professor / ECE,

**Mr.A.Suban,** Assistant Professor / ECE,

Velammal College of Engineering and Technology,

Viraganoor, Madurai - 625009, Tamilnadu.

Mobile : **9842407121, 8778782960**

Email ID : **pvr@vcet.ac.in**



**Velammal College of  
Engineering And Technology**

## Velammal College of Engineering and Technology (Autonomous), Madurai TNSCST Supported Two Days National Workshop on "Recent Advancements in RF, Antennas and Microwave Technology"

**January 30<sup>th</sup> and 31<sup>st</sup>, 2025**

## REGISTRATION FORM

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Qualification : \_\_\_\_\_

Organization : \_\_\_\_\_

Address : \_\_\_\_\_

Phone : \_\_\_\_\_

E-mail ID : \_\_\_\_\_

Accommodation Required : Yes / No

Category (Tick) : Student / Faculty / Research  
Scholar (PT/FT)

## DECLARATION

The information furnished above is true and I agree to abide by the rules and regulations governing this National Workshop on 30.01.2025 and 31.01.2025.

Signature of the Applicant

## SPONSORSHIP CERTIFICATE

Certified that Mr./Ms..... is a bonafide Student / faculty of our college.

Signature of Head of the Department / Institution  
(with office seal)