

ABOUT SENSE

The School of Electronics Engineering (SENSE) at VIT was established with the objective of imparting state-of-the-art knowledge in Electronics and Communication Engineering and its allied disciplines. The School is equipped with well-established laboratories featuring advanced infrastructure in the domains of Electronics, Communication, VLSI, Embedded Systems, Sensors, and Nanotechnology. The faculty members are actively engaged in research and development activities and are involved in sponsored research projects funded by reputed government agencies such as DRDO, ISRO (RESPOND), and DST.

ABOUT THE EVENT

The primary objective of this Value-Added Course was to equip students with fundamental knowledge of Electromagnetic Interference (EMI) and Electromagnetic Compatibility (EMC), which are critical considerations in the design and operation of modern electronic systems. The course aimed to familiarize participants with the sources, effects, mitigation techniques, and international standards related to EMI/EMC compliance across industrial, automotive, aerospace, and communication applications.

COURSE CONTENT

- EMC-Oriented System Design Principles
- PCB-Level EMI Mitigation Techniques Using Cadence Tools
- EMI/EMC Measurement Techniques and Standards
- EMI/EMC Measurement Practices

WHO CAN ATTEND

This course is open to UG, PG students and Research Scholars of VIT.

REGISTRATION FEE

Rs. 1000 /- (excluding GST)

REGISTRATION LINK

<https://events.vit.ac.in>

RESOURCE PERSONS

- Mr. A.K.Swamy, Dy. General Manager
Tata Advanced systems Pvt. Ltd., Bengaluru
- Mr. Rakesh B. R., Field Application Engineer
Entuple Technologies Pvt. Ltd., Bengaluru
- Mr. Ezhil Arasan Vinayagam, Head of Operations
Cosmic Test Lab Pvt. Ltd, Bengaluru

ADVISORY COMMITTEE

Dr. Jasmin Pemeena Priyadarsini M, Dean / SENSE
Dr. Sakthivel R, Asso. Dean / SENSE
Dr. Kannadasan D, HoD/DCE
Dr. Sundar S, HoD/DET

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This Course is aligned with the following SDGs



VIT[®]

Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

VALUE ADDED COURSE

on

Electromagnetic Interference
and
Compatibility (EMI/EMC):
Basics and Standards
(VAC2338)

21, Feb., 2026 ~ 5, Apr., 2026

(30 Hrs.)

Organized by

Department of Communication Eng.,

&

Department of Embedded Tech.,

School of Electronics Engineering
Vellore Institute of Technology

Vellore - 632014

