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# Two Days Workshop

# EMI/EMC Implications, **Design and Applications** to Industry

22 & 23 November, 2024

Venue Matrusri Engineering College Saidabad, Hyderabad

Organised by



The Institution of Electronics and Telecommunication Engineers (IETE), Hyderabad Center

and



**IEEE MTT-S/AP-S/EMC-S Joint Chapter Hyderabad Section** 

# About IETE- Hyderabad Centre

IETE-Hyderabad Centre is the biggest in the country which was established in the year 1973. As on March, it has a strength of 2628 corporate members, about 3000 student members, 88 student forums and 43 Industrial members. In these 50 years, the center has made many rapid strides in achieving academic as well as professional targets.

# About IEEE MTT-S/AP-S/EMC-

S Joint Chapter
The IEEE MTT-S/AP-S/EMC-S Joint Chapter was established in 2008 under IEEE Hyderabad Section. The chapter is driven by the motivated volunteers and members to increase of the spread microwave technologies, antennas propagation, electromagnetic compatibility related knowledge and information among professionals and The Chapter researchers. Hyderabad Section with around 800 members has received Outstanding Chapter Award for the year 2015, 2021 for its outstanding contribution towards achieving goals of serving society through technical advancements.

### **ABOUT WORKSHOP**

The objective of the workshop is to enhance skills and motivate the importance of EMI/EMC in engineering Industry and to impart training to delegates in the context of latest trends in technology and engineering perspective.

### **TOPICS TO BE COVERED**

- Re-collection of EM Fundamentals.
- Grounding and shielding methods.
- Requirement of EMC for the electronics gadgets/systems.
- Various EMI/EMC standards
- Calculation of Field
- Applicability of standards based on the deployment of system (Army, Navy, Air force, Consumer goods).
- Testing methodology, Test setup, circulation of field strength based on the RF emitting sources.
- Interpretation of test results.
- Fixing of problems observed through case studies

### **RESOURCE PERSONS**

From IITs/IIITs/NITs/ Industries/ R&D Organisations

### WHO CAN ATTEND

Delegates from Industry, R&D Organisations, faculty from academic institutes, Research scholars

### **REGISTRATION DETAILS**

### **Last Date for Registration**

14 November, 2024

### **Registration Fee**

- Delegates: Rs. 5000+18%GST
- Delegates with IETE/IEEE membership: Rs. 4000+18%GST
- Scholars: Rs. 1500+18%GST
- Scholars with IETE/IEEE
   Membership: Rs. 1000+18%GST

### **Registration Link**

https://forms.gle/pyNLx6eTjNMTMnmTA

