

ABOUT THE DEPARTMENT



The Department of Electronics was started at the Cochin University of Science and Technology in the year 1975. The Department was envisaged as a postgraduate Department with Master's Degree and Doctoral programmes in frontier fields of Electronics.



Department of Electronics
Cochin University of Science and Technology

Hello EMI & EMC!!

Learn to Detect and Decode

Two-weeks Training Program

26 Jul - 06 Aug 2021, 4.00 - 6.00pm

ABOUT THE PROGRAM

- Mode of delivery – **Online**
- Lecture Sessions on theoretical and practical aspects of Electromagnetic Interference and Electromagnetic Compatibility (EMI & EMC) by experts from Academia, R&D organisations and Industry.
- Interactive Demo sessions **using the EMI-EMC Pre-compliance Test-facility set up at DoE, CUSAT for conducted and radiated emissions.**
- Hands-on sessions on SignalVu-PC & EMC pre-compliance testing with EMCVu, CST Microwave software for 3D EMI/ EMC simulation.
- Participants need to have high speed internet connection and laptops/desktops for attending the online hands-on sessions.

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IEEE APS Kerala
Chapter



REGISTRATION DETAILS

Course Fee in Rs including GST

Category	IEEE Members	Non IEEE Members
Students (including Research Scholars)	Free	
Faculty Members	Free	595
Professionals from Industry & Research Labs	Free	2380

Complete the registration process by entering your details at <https://forms.gle/rhEobbPkpaNtVdkf8>
Last Date of registration **23rd July 2021.**
For more details <http://doe.cusat.ac.in/>

ACCOUNT DETAILS

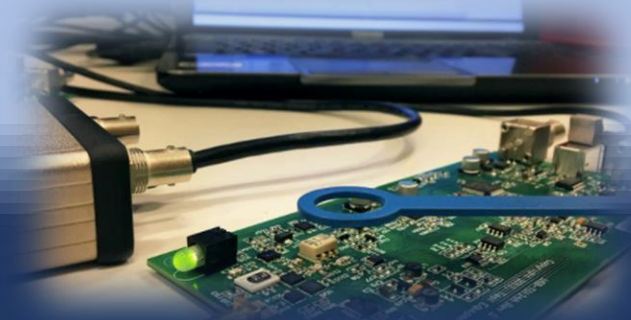
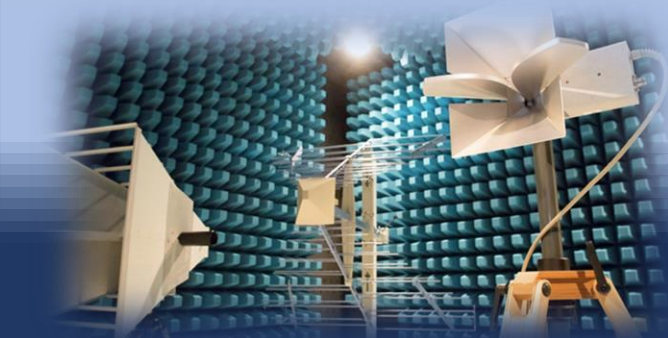
SB Account No: 67135817273 | IFSC Code: SBIN0070235 |
Professor & Head, Dept. of Electronics, State Bank of India,
CUSAT Campus Branch

CONTACT

Head of the Department
Prof. (Dr.) Supriya M H
DoE, CUSAT

Coordinator
Dr. Deepti Das Krishna
Assistant Professor,
DoE, CUSAT

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SPEAKERS



Shri Sandeep M. Satav
Scientist-G, Head, EMI-EMC Centre,
DRSS, Research Centre Imarat, DRDO,
Hyderabad.
Topic: EMI-EMC in Defence Sector -
An Introduction



Dr. Syarfa Zahirah Sapuan
Research Center for Applied
Electromagnetics (EM center), Dept of
Electronic Engineering, Universiti Tun
Hussein Onn, Malaysia.
Topic: Electromagnetic Compatibility
(EMC) - Concepts, Standards and Test
Methods

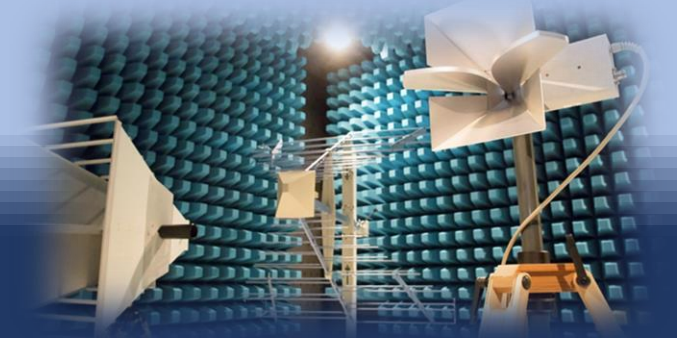


Lt. Col. R K Mishra (Retd.)
EMI/EMC Consultant, Mumbai.
Topic: Relevance of EMI/EMC in Armed
Forces and Industry, Indian Defence
Procurement Clause/requirement for
EMI/EMC and EMI/EMC Trials by Indian
Army.



Topic: EMC for Safe,
Automated, Electrified
& Connected Mobility

Shri. Vineesh S and Shri. Kranti Kumar Chikkam
EMC Engineer/Architect at Bosch India, Bengaluru.



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HANDS-ON/DEMO SESSIONS



Introduction to EMI/EMC | Over view of
RSA518A, EDUFL-SVPC and all components,
EMCVU, etc. its basics and measurement
algorithm, basic operation, menus, graphs |
Overview of Antennas and Demo on Conducted &
Radiated Emission Measurement |



CST Microwave software for 3D EMI/ EMC
simulation



SPEAKERS



Shri Kannan Dhamodaran
Asso. Vice President – R&D Engineering
and Product Regulatory Compliance,
Tejas Networks Bangalore.
Topic: EMI / EMC in
Telecommunication, Case study of Real
world immunity issues in Telecom
installations and best practices



Shri Salil P.
Scientist, EMI/EMC Division, SAMEER
Centre for Electromagnetics
Chennai.
Topic: Shielding for Electromagnetic
Compatibility



Dr. Thomaskutty Mathew
Asso. Professor, Radio & Atmospheric
Science Lab, GITAM School of Science,
Bangalore.
Topic: Active Probes for Electromagnetic
Near Field Measurement.



Shri. Saji Chandrachood
Scientist/Engineer VSSC, Trivandrum.
Topic: EMI/EMC Test Philosophies and
Practices for Space Systems



Dr. Praveen Kumar A. V.
Asso. Professor, EEE, BITS Pilani.
Topic: Developing and Teaching a
course on EMI/EMC

