

PROGRAMME OVERVIEW

Products designed for international market need to comply with various standards for EMI/EMC and environmental requirements. The compliance requirements could vary depending on the country where the product is intended to be sold. As a result it is extremely important to understand the compliance requirements for the target market and include them in the product requirement specifications before the start of design cycle. EMI/EMC compliance includes tests for Radiated/Conducted Emission, Radiated/Conducted Susceptibility, Electro Static Discharge, Fast Transient Bursts, Surge etc. Environmental compliance includes testing the product for a wide temperature range and humidity, mechanical tests such as shock, vibration, bump etc.

RESOURCE PERSONS:

Dr.Swaminathan, Associate Professor, Saveetha School of Engineering
Dr.Muthukannan, Associate Dean of Examination, Saveetha School of Engineering
Mr.Venkat, Technical Engineer, International Centre for Automotive Technology, EMC Lab, Delhi
Mr.Rupesh Kumar, Senior Engineer, International Centre for Automotive Technology, EMC Lab Delhi
Mr.Dinesh.S, Technical Officer at AIC-AMTZ Medi Valley Incubation Council
Mr T Jayanandan, FOUNDER/CEO, TESLA MINDS, Antennas & Entrepreneurship Expert
Mr Rohith K, Engineer I - Embedded Hardware, Burndy Technology and Global Business
Mr. A.Senthil, Director, Eaglesight Measurement Technologies Private Limited
Mr Santhana Krishnan, Retd. Technical Engineer (BSNL)
Dr Gnanasekar A.K, Professor/ECE, Rajalakshmi Institute of Technology

ORGANIZING COMMITTEE

Founder

(Late) **Shri.D.Sudharssanam**

Board of Trustees

Shri.D.Duraiswamy, Chairman
Shri.D.Paranthaman, Vice Chairman
Shri.D.Dasarathan, Secretary
Shri.S.Amarnaath, Treasurer
Shri.S.Gopinath, Joint Secretary

Chief Patron

Shri D.SABARINATH

DIRECTOR, SAEC

Patron

Dr.G.S.KUMARASWAMY, M.E., Ph.D

PRINCIPAL, SAEC

Coordinators

Dr.G.Kavya, Prof/ ECE
Dr.N.Anusha, Prof/ECE

Organizing Secretaries

Dr.S.Dhilipkumar, Asst.Prof/ ECE
Mr.P.Dinesh Anton Raja, Asst.Prof/ ECE
Mr Maria Rubiston,, Asst.Prof/ ECE

MAILING ADDRESS

The Coordinator

National Level Short Term Training Programme on “EMI/EMC COMPLIANCES- APPROACHES AND TECHNIQUES FOR PRODUCT DEVELOPMENT”

Department of ECE,

S.A. ENGINEERING COLLEGE,

An Autonomous Institution, Affiliated to Anna University, Chennai)

*Poonamallee Avadi Main Road,
Thiruverkadu, Chennai 600 077.
Tamilnadu, India.
Mobile : 9884414438*



NATIONAL LEVEL SHORT TERM TRAINING PROGRAMME (STTP) ON “EMI/EMC COMPLIANCES- APPROACHES AND TECHNIQUES FOR PRODUCT DEVELOPMENT”

16th to 21st NOVEMBER 2020 – PHASE 1

Reg. Link :

<https://forms.gle/pQ3wkJFNkGLXVkrU8>

Sponsored by

All India Council for Technical Education (AICTE)

Organized by

Department of Electronics and Communication Engineering

Coordinators

Dr.G.Kavya, Prof./Head, ECE
Dr.N.Anusha, Prof./ECE

S.A.ENGINEERING COLLEGE
(An Autonomous Institution, Affiliated to Anna University, Chennai)

Accredited by NBA, NAAC with “A” Grade and ISO 9001:2015 Certified Institution

Poonamallee –Avadi Main Road
Thiruverkadu, Chennai – 600 077.
Tamilnadu, India.

Phone : 044 -2680 1999, 2680 1499

Fax : 044 -2680 1899

Web : www.saec.ac.in

About the Institution

S.A.Engineering College was established by the Dharma Naidu Educational & Charitable Trust in the year 1998-'99. The college is approved by AICTE Delhi and affiliated to Anna University, Chennai, Tamil Nadu. The college is well-planned with 5 lakhs sq.ft. of constructed area which includes classrooms, drawing halls, laboratories, workshops and associated facilities. In recognition of quality system of high quality policy being implemented by the Institution, M/s TUV NORD has accorded ISO 9001:2015 Certification. The college is accredited by NBA, NAAC with 'A' Grade. The college offers following 6 U.G programmes and 6 P.G programmes.

B.E. - Civil Engineering

B.E. - Computer Science and Engineering

B.E.-Electronics and Communication Engineering

B.E. - Electrical and Electronics Engineering

B.E. - Mechanical Engineering

B.Tech.- Information Technology

M.E. - CAD/CAM

M.E. - Communication Systems

M.E. - Computer Science and Engineering

M.E. - Embedded System Technologies

M.B.A. - Master of Business Administration

M.C.A. - Master of Computer Applications

The college maintains high standard of education by providing a wide array of world class academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive for providing quality education.

About the Organizing Department

The Department of Electronics and Communication Engineering was established in the year of 1998 with an aim of creating quality Engineers with sound technical knowledge and awareness of the latest advancements in existing and emerging technologies. Major highlights in the department include IEEE Photonics Society Student Branch Chapter, Centre of Excellence in Automation and Robotics, and IoT research lab for green technology and telemedicine applications. Department of ECE is very keen in undertaking research projects and consultancy projects from organization like ISRO, CVRDE, etc. The department is recognized research centre of Anna University, Chennai.

About the AICTE Sponsored STTP

Faculty will understand the technical challenges in designing and implementing a product that meets the requirement of market. They will understand the requirements and design principles for class A and Class B products with industrial temperature grade. They may be aware about the present open research areas in signal integrity, system level noise reduction, PCB board design with EMC compliance. Have a Hand-on experience with various EMI/EMC test kits.

At the end of the STTP, the participant would design EMI/EMC compliant, industrial grade products for global requirement; Have design knowledge and capability in multiple disciplines e.g. electronics circuit design, PCB CAD, mechanical and thermal design. Product planning which involves managing multiple interdependent teams and independent test labs or agencies. Participants learn quick and simple techniques to solve complicated problems to help generate unique ideas and methods for developing additional diagnostic tools and measurement procedures.



NATIONAL LEVEL SHORT TERM TRAINING PROGRAMME(STTP) ON "EMI/EMC COMPLIANCES-APPROACHES AND TECHNIQUES FOR PRODUCT DEVELOPMENT"
16th to 21st NOVEMBER 2020 – PHASE 1

Sponsored by
All India Council for Technical Education (AICTE)

Registration Form

1. Name :
2. Qualification :
3. Designation :
4. Experience :
5. Name of the Institution with Address:
6. E-mail :
7. Mobile :

Signature of the Applicant

Certificate from Sponsoring Institute

**Mr./Ms./Dr.-----
is an employee/student of our institution and he / she is sponsored to attend the above seminar.**

Signature of Sponsoring Authority with office Seal

Date: