

ABOUT THE INSTITUTION

Conceived and executed in 1998 with a far-sighted vision to transform the socio-economic profile of the region by Dr. E.M. Abdullah, the doyen of medical fraternity of yesteryears, the College eponymously takes its name from the cherished memory of his gifted mother, the late Syed Ammal, who was the moving force behind the fleet of other illustrious institutions – Syed Ammal Higher Secondary School, Syed Ammal Matric and Higher Secondary School, National Academy Montessori Matric Higher Secondary School, National Academy School, National Academy Matric School, Syed Ammal Arts and Science College, Syed Ammal Trust Hospital – the precursor institution of the Trust - Raasi scan and A.R. Hospital, all with an overarching humanitarian and social focus to uplift the educational standards and wellbeing of the region and beyond - that were to rise up one after another, circa, over a span of six decades.

From its humble beginnings, Syed Ammal Engineering College (SAEC) has striven over the years to bloom into an institution of repute and standard in the comity of institutions of its élan and calibre. Affiliated to Anna University, Chennai, and approved by All India Council of Technical and Education (AICTE) and the State Government, the college offers graduate programmes in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering and Mechanical Engineering streams and post-graduate programmes in Computer Science & Engineering, Embedded System Technologies, VLSI design, Manufacturing Engineering and Master of Business Administration (MBA).

Spread over an extent of 25 acres of landmass, amidst serene and salubrious environs, the college has state-of-the-art technology and avant-garde

resources for its academic and administrative apparatus - be it library, pedagogical aides, class rooms, computing systems, laboratories, workshops or hostels and cafeteria, and even sports and leisure, besides housing a score of professional bodies and chapters, including that of IEEE, ISTE, CSI, IETE, IE (India) and SAE on the one hand and fine arts and culture on the other, to enliven and burnish the seemingly heavy and dreary weltanschauung of engineering education. The college has forged strategic alliances with industry facilitators - Randstat, ICT Academy, E2, Oracle, ETA- to quote a few- and academic collaboration with Universiti Sains Malaysia, Penang, to bolster its intellectual capital. The departments EEE, CSE, ECE, and MECH are accredited by NBA. Also these departments are approved as research center by Anna University the legendary technical university of Tamilnadu.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

This department was established in 1998 with an intake of 60 UG. It provides a comprehensive foundation in the core topics of EEE coupled with an area of specialization relevant to emerging engineering challenges. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to learn and innovate. The department has distinguished faculty, all holding M. E / PhD degrees from renowned institutes. The Department grew with time, reflecting the needs of a changing society and established new areas of teaching and research in electrical engineering. It also facilitates the PG course M.E (embedded system technologies) from 2012. The department enjoys the privilege of having spacious and well equipped lab providing students with the Industrial environment. This department enjoys the status of accreditation by NBA and research centre by Anna University, Chennai. 75% of the faculty members are PhD holders and remaining are at the verge of

completing their research. The ultimate goal of the department is to become 100% a Centre of excellence in the field of teaching and research in electrical discipline.

WORKSHOP SCOPE

The Printed Circuit Board (PCB) is very important in all electronic gadgets, which are used either for domestic use, or for industrial purpose. PCB design services are used to design the electronic circuits. Apart from electrically connecting, it also gives mechanical support to the electrical components. The Workshop is dedicated in training the students on the design and manufacturing of a Printed Circuit Board.

It is a highly technical learned skill that will take years to master. The Workshop will provide the basics of PCB design as well as more advanced topics. This is a two day workshop which focuses on advanced topic of PCB design along Fabrication process. Each participant will involve in etching process on a laminated copper sheet provided to them, they will also under go for drilling process using a Hand driller and finally assembling and soldering the electrical components onto board

COURSE CONTENT

- **Introduction about PCB Design - PPT presentation,**
- **PCB Design using software**
- **PCB Evaluation**
- **PCB Design using hardware**
- **PCB Evaluation**
- **Discussion about Software and Hardware Development**

SCHEDULED DATES

Last Date for

Receipt of Applications : 04.04.2022

Intimation regarding selection : 05.04.2022

Confirmation by Participants : 06.04.2022

WORKSHOP

On

“PCB FABRICATION AND ASSEMBLING”

On

08th and 09th April 2022
REGISTRATION FORM

1. Name:
2. Gender (M/F):
3. Year and Sem:
4. Department:
5. Organization:
6. Mailing Address :

Phone:

Email:

7. Details of Registration Fee Amount:

DECLARATION BY THE APPLICANT

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the workshop. I shall attend the course for the entire duration.

Place:

Date:

Signature of Applicant

SPONSORSHIP CERTIFICATE

Mr/Ms. _____ an student of our institution is hereby sponsored to attend the workshop on “PCB fabrication and assembling” on 08th and 9th April 2022.

Place:

Date:

Signature and Seal of sponsoring authority

Sponsoring application should be sent to
Dr. S.SELVAPERUMAL
Professor & Head
Department of EEE
Syed Ammal Engineering College
Dr.E.M.Abdullah Campus,
Ramanathapuram – 623 502
Tamil Nadu, India
Telephone Numbers: 04567 – 304150

HOW TO APPLY

The applicants should submit their applications in the specified format neatly typed through HOD to reach us on or before **04.04.2022**.

Participants can pay the fee the convener on or before 06.04.2022.

REGISTRATION FEE:

Participants	Fee (INR)**
Students delegates	Registration FEE Rs. 500/-

RESOURCE PERSON

Sessions will be handled by the faculties and Experienced Industrial experts.



WORKSHOP

On

“PCB FABRICATION AND ASSEMBLING”

On

08th and 9th of April 2022

Convener

Dr. S.SELVAPERUMAL
Professor & Head

Coordinator

Prof. P.Nedumal Pugazhenth
Associate Professor
Dr.R.Nagarajan
Professor

Co-Coordiators

Dr. S.Muthulakshmi
Associate Professor
Dr.S.Aiswariya
Associate Professor

Organized by

Department of EEE

SYED AMMAL ENGINEERING COLLEGE
Dr.E.M.Abdullah Campus, Ramanathapuram – 623 502

Tamil Nadu, India

Telephone Numbers : 04567 – 304150

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