

FOUNDER :

(Late) Shri D. SUDHARSSANAM

BOARD OF TRUSTEES :

Shri. D. DURAISWAMY, Chairman

Shri. D. PARANTHAMAN, Vice Chairman

Shri. D. DHASARATHAN, Secretary

Shri. S. AMARNAATH, Treasurer / Correspondent

Shri. S. GOPINATH, Joint Secretary

CHIEF PATRON :

Thiru. D. SABARINATH, Director/SAEC

PATRON :

Dr. S. MOHAN, Advisor/ SAEC

CO PATRONS :

Dr. G.S. KUMARASAMY, Principal/ SAEC

Dr. AHMED MUDASSAR ALI, Asst.Principal/ SAEC

CONVENER :

Dr. R. HARIHARASUTHAN, HOD - H&S

CO-ORDINATORS :

Ms. A. CHANDRAVADHANA, Asso. Prof. / Physics

Ms. V.O. SANGEETHA, Asso. Prof. / Chemistry

ORGANIZERS :

Mr. D. VEDAMANICKAM, Asso. Prof. / Chemistry

Ms. S. JAYACHITRA, Asso. Prof. / Chemistry

Ms. R. GOLDABRIGHT, AP / Chemistry

Ms. S. SUJA, AP / Chemistry

Mr. R. RAJA, AP / Physics

Ms. V. JENOSHEEBA, AP / Physics

Ms. S. ASHANIRMAL, AP / Physics

Mr. R. GANESAN, AP / Physics

RESOURCE PERSON

Dr. N. RAJALAKSHMI

Senior Scientist & Team leader, Centre for fuel cell technology-ARCI IITM Research Park, Taramani, Chennai.

Dr. M.U. SREEKUTTAN

Scientist, CSIR - CECRI, Chennai.

Dr. A. BASKARAN

Professor & Head, Department of Applied Physics, Sri Venkateswara College of Engineering & Technology

Dr. SUJIN P. JOSE

Associate Professor / Department of Computational Physics
School of Physics, Madurai Kamarajar University, Madurai.

Dr. G. VELAYUTHAM

CEO, Sainergy Fuel Cell India (P) Ltd, Chennai.

Dr. BALAJI RENGARAJAN

Scientist, Centre for Fuel Cell Technology, IIT-M Research Park,
Taramani, Chennai

Dr. T.M. SRIDHAR, Asst. Professor and Head i/c,

Department of Analytical Chemistry,
University of Madras, Chennai.

Registration Fee

Faculty & Industrial Participants Rs. 500/-

Students & Research Scholars Rs. 300/-

Last Date of Registration : **29.02.2020**

Participants are requested to submit their Registration form by the college along with a bank demand draft drawn in favour of Principal R&D, SAEC Payable at Chennai

Poster Presentation

An outreach for the Students on fuel cells.

Eligibility

Participants should be Faculty / Research Scholar / UG / PG STUDENTS in any University / Institution and from Industries.

For Further Details/ Registration Contact

Dr. R. HARIHARASUTHAN, HOD - H&S

Convener

S.A. ENGINEERING COLLEGE,

Poonamallee Avadi Main Road,
Thiruverkadu, Chennai 77.

Mobile : 99621 77805, 96771 35551, 94443 28996

E-mail : fuelcellseminar@saec.ac.in

National Seminar

on

“CURRENT STATUS OF ENERGY MATERIALS AND FUEL CELLS FOR COMMERCIAL EXPLOITATION”

05.03.2020 & 06.03.2020



Sponsored by

SERB

SCIENCE AND ENGINEERING RESEARCH BOARD

Ministry of Science and Technology

Government of India

Organized by

Department of H&S

(Physics & Chemistry)



S.A. ENGINEERING COLLEGE

AUTONOMOUS

Approved by AICTE and Affiliated to Anna University

(Accredited by NBA, NAAC with 'A' Grade & ISO 9001: 2015 Certified Institution)

Poonamallee - Avadi Main Road, Thiruverkadu,
Chennai - 600 077, Tamil Nadu, India.

Phone : 044-2680 1999, 2680 1499 Extn. 263

Fax : 044-2680 1899

Web : www.saec.ac.in

ABOUT THE INSTITUTION

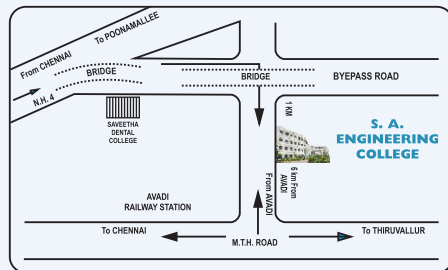
S.A. Engineering College was established by the Dharma Naidu Educational & Charitable Trust was established in the year 1998 -99'. The College is approved by AICTE Delhi and affiliated to Anna University, Chennai, Tamil Nadu. **From the year 2019, UGC has granted the meritorious autonomous status to our institution.** The college is well-planned with 5 Lakhs Sq.Ft. of constructed area which includes classrooms, Drawing Halls, Laboratories, Workshops and associated faculties. In recognition of quality system of high quality policy being implemented by the Institution, M/s TUV NORD has accorded ISO 9001:2015 Certification. All the undergraduate programs offered are accredited by National Board of Accreditation (NBA) NEW DELHI. The College offers following 6 U.G. Programs and 6 P.G. Programs.

- 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

LOCATION

The college is located on the highway from Poonamalle to Avadi High Road at a distance of about 1 km from Poonamalle Bye Pass Road of the Chennai- Bangalore National Highway (NH4).



ABOUT THE SEMINAR

- Fuel cells are used for primary and backup power for commercial, industrial, residential buildings and in remote or inaccessible areas.
- They are also used to power fuel cell vehicles, including forklifts, automobiles, buses, boats, motorcycles and submarines
- As power demands for cell phones increase, fuel cells could become much more attractive options for larger power generation.
- The demand for longer on time on phones and computers is something often demanded by consumers so fuel cells could start to make strides into laptop and cell phone markets.
- The price will continue to go down as developments in fuel cells continues to accelerate. Current strategies for improving micro fuelcells is through the use of carbon nanotubes.

SEMINAR CONTENT

- Fuel Cells.
- Different types of fuel cells.
- Development and Construction of fuel cells using suitable materials.
- Thermodynamic efficiency of the fuel cells.
- Commercialisation of fuel cells and its status.
- Problems yet to be addressed for the holistic development of the fuel cell.

National Seminar

on

“CURRENT STATUS OF ENERGY MATERIALS AND FUEL CELLS FOR COMMERCIAL EXPLOITATION “

05.03.2020 & 06.03.2020



REGISTRATION FORM

Name :

Designation :

Organization :

Experience :

Address for communication :

Mobile :

Email ID :

Place :

Date :

Signature of the Applicant

SPONSORSHIP

Dr./Mr./Ms. _____

_____ is an Employee of our Institution / Organization and his/her application is hereby sponsored. The applicant will be permitted to attend the above seminar if selected.

Place :

Date :

Signature of Sponsoring

(Use Photo copy if necessary)

Authority with Office Seal