

The Institution of Engineers (India)

All India Seminar

on

Smart Materials and their Applications for Aerospace, Mechanical and Civil Structures

on

December 12-13, 2017

REGISTRATION FORM

Name:

Designation:

Department:

Address for communication:

Tel No:

Mobile:

E-mail:

Payment Details:

Name of the bank:

Amount:

DD No:

Date:

Declaration by the Applicant

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme.

Signature & Seal
(Head of the Institution)

Signature of the applicant

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Aeronautical Engineering, MEC

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Er.SR.Saravanan, MIE, Honorary Secretary,

IE (I) Salem Local Centre, Salem

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Er.G.Mohanapriya, Asst. Prof, Aero, MEC, Namakkal

&

All Committee Members of IE (I) Salem Local Centre, Salem

Application form complete in all respects has to be send to

CONVENOR

Dr.C.Dhavamani, MIE.,

Professor & Head,

Department of Aeronautical Engineering,

MAHENDRA ENGINEERING COLLEGE

Namakkal - 637503, Tamil Nadu.

Mobile: 09486091440, 09843928924, 09566605564

Email : hodaero@mahendra.info

The Institution of Engineers (India)

AN ISO 9001:2008 CERTIFIED ORGANISATION

(Established 1920, Incorporated by Royal Charter 1935)

"98 Years of Relentless Journey Towards
Engineering Advancement for Nation-building"

All India Seminar

On

Smart Materials and their Applications for Aerospace, Mechanical and Civil Structures

On

December 12-13, 2017

Organized by



The Institution of Engineers (India)

SALEM LOCAL CENTRE

3rd Floor, SPC Bhawan, 104/7, Manivannan Street,
Opposite to New Busstand, Salem-636004.

Under the aegis of

AEROSPACE ENGINEERING DIVISION BOARD (ASDB), IEI

In association with



**DEPARTMENT OF AERONAUTICAL ENGINEERING
MAHENDRA ENGINEERING COLLEGE**

(Autonomous)

Namakkal - 637503, Tamil Nadu.

Venue

MAHENDRA ENGINEERING COLLEGE

Namakkal - 637503, Tamil Nadu.

ABOUT THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 120 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: www.ieindia.org

ABOUT THE IE (I) SALEM LOCAL CENTER [IEI-SLC]

The Salem Local Centre has been one of the active centers of IEI which is engaged in successfully translating the objectives and ethics of IE (I) into practices. The center was established in 1994 and inaugurated by late Shri P.Rangarajan kumaramangalam, then the Hon'ble minister of state for science & technology, government of india on 30th October 1994, IEI-SLC has 1705 corporate members, 4405 Student members and 12 Institutional Members.

It regularly organizes technical and special literatures in the fields of Engineering, Management and Topics of current interest. Industrial visit also arranged to industries to promote technical interaction among the members and the industries.

It also observes the International / National events like World Environment Day, World Telecommunication Day and Engineers Day etc. in a fitting manner by organising technical talks on the selected themes with experts of the field.

AWARDS like Best IE (I) Student chapter award, innovation and sustainability award, Best senior engineer, Best Women Engineer Award, Dr.APJ Abdul Kalam Award are given by IEI-SLC for Members, Engineering and Polytechnic Student members every year. The Salem Local centre in addition to various services as given above supports with financial grant for this kind of programmes like Rs.10,000/- for one day seminar/workshop, Rs.30,000/- All India seminar /workshop and Rs.2.0 Lakhs for National convention etc., **Email Id** : jeisalemlocal@gmail.com, salemlc@ieindia.org, **Website:** www.ieisalem.com

ABOUT THE INSTITUTION

Mahendra Engineering College is conferred as an **Autonomous** by UGC, accredited by **NAAC with "A"** grade status and certified ISO 9001-2008. The College has been in the vanguard of innovation in technical education, recognizing the excellent infrastructure, faculty, progressive outlook, high academic standards and record performance, the Anna University reposed abundant confidence in the capabilities of the College, and Mahendra Engineering College was conferred Autonomous status in the year 2013, accredited by National Board of Accreditation (NBA), New Delhi, certified ISO 9001-2008 and an AICTE approved institution, to update its own programmes and curriculum, to devise and conduct examinations, and to evaluate students' performance based on a system of continuous assessment. The College is offering 11 UG Degree Programmes and 11 PG Degree Programmes in Engineering. The technical knowledge imparted to the students is complimented by imbibing interpersonal skills and spirit of entrepreneurship that makes them competitive enough to face the global challenges and emerge as achievers

ABOUT THE DEPARTMENT

Aeronautical Engineering is one of the most challenging fields of engineering with a wide scope for growth. This field deals with the development of new technology in the field of aviation, space exploration and defense systems. It specializes in the designing, Construction, development, testing, operation and maintenance of both commercial and military aircraft, space crafts and their components as well as satellites and missiles. The course curriculum of Aeronautical Engineering is made up of maintenance as well as design aspect of the present day aviation and aerospace Engineering. It prepares graduates with knowledge problem solving ability, hands-on skills to enter career in the design, installation, manufacturing, testing, evaluation, technical sales, or maintenance of Aeronautical / Aerospace systems.

OBJECTIVES:

Composite materials often outshine traditional materials, they are light weight, corrosion-resistant and Strong. Composite are an exciting field of study for students, Engineers and Researchers around the world. New applications of these versatile materials are being found daily

TOPICS TO BE COVERED:

Challenges in manufacturing of Aerospace Propulsion Systems
Processing Map of Composite Materials
Powder to Products
Fabrication of Nano Particle reinforced Polymer Materials

RESOURCE PERSONS

Dr.V.Anandha Krishnan, Asst. Professor, NIT, Tiruchy.
Dr.V.Shanmugam, Dean / SMS, MEC, Namakkal.
Er.S.Natarajan, DGM, SAIL, Salem Steel Plant, Salem.
Dr.D.Lavanva, Asst. Professor, MEC, Namakkal.
Dr.J.Amos Robart Jayachandran, Professor & Head, Mechanical Engineering, MIT, Namakkal.
Dr.P.Saravanan, HOD-MAE, MEC, Namakkal.
Dr.JVM.Murugavel Laljeyan, HOD-AERO, MIET, Namakkal.
Dr.C.Dhavamani, HOD-AERO, MEC, Namakkal.

PARTICIPATION:

Students from Educational Institution are invited to participate in the deliberation of the seminar.

REGISTRATION:

Registration of delegates will be made upon advance Payment of registration fee as indicated below:

Registration Fee:

IEI Members	INR 400	Research Scholars	INR 400
Non IEI Members	INR 500	Students	INR 200
Government/Private Organization	INR 500		

PAYMENT

All Payments are to be made in A/C Payee Demand Draft/Cheque in favoring **"The Institution of Engineers (India), Salem local Centre"** Payable at Salem

THEME

The theme of the seminar includes specifically the following fields Smart materials and its Application.

- Smart materials in Industrial Application.
- Processes and handling of Smart Materials in Aerospace
- Effective analysis on materials in Civil Structure
- Conventional and Innovative Ideas Recently emerged in Aerospace Industries.

CALL FOR PAPERS

Prospective authors are invited to submit manuscripts reporting original unpublished research to the recent developments in the topics related to the All India seminar. Please submit your abstracts sent to mail address sivakumarp@mahendra.info

IMPORTANT DATES

Last date for submitting abstract : 04.12.2017
Intimation of acceptance : 07.12.2017
Submission of full Paper : 09.12.2017
With registration Fee

PUBLICATIONS

Proceedings of the Seminar incorporating all accepted paper including write-ups on the subject for general discussion will be published and made available to the registered participants.

ADVERTISEMENT TARIFF

Back cover page (Coloured) : Rs.10000/-
2nd & 3rd Cover Page : Rs. 7000/-
Inner Full Page (Coloured) : Rs. 5000/-
Inner Full Page (B6W) : Rs. 3000/-
Inner Half Page (B6W) : Rs. 1500/-

PATRONAGE

The organizer expects patronage from companies/organizations. Industries, commercial houses and any other interested agencies as Co-organizer, Sponsor or Co-sponsor at a nominal subscription

Co-organizer (8 free delegates) : Rs.20000/-
Sponsor (6 free delegates) : Rs.15000/-
Co-Sponsor (4 free delegates) : Rs.10000/-

ACCOMMODATION

Accommodation arrangement for delegates shall be made on request and payment basis in the nearby hotels & guest houses on first come-first serve basis. Free accommodation is available for the students whose papers will be accepted for presentation in the seminar.