

The Institution of Engineers (India)
Madurai Local Centre

In association with
K.L.N.COLLEGE OF ENGINEERING
Pottapalayam, Sivagangai (Dt) - 630 612, Tamilnadu.

All India Seminar
on "Mechanics, Design And Testing Of Composites"

Name (Block Letters): _____

Organisation / Institute: _____

Designation: _____

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Telephone: _____ Fax: _____

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I / We enclose a Cheque / Demand Draft for Rs. in favour of "The Principal, K.L.N. College of Engineering" Payable at Madurai & Drawn on (Bank Particulars)
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Dated

Signature

Registration No. & Date :

The Institution of Engineers (India)
98 years of Relentless Journey towards
Engineering Advancement for Nation Building

ALL INDIA SEMINAR
on "Mechanics, Design And Testing Of Composites"

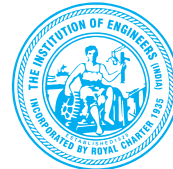
04 - 05 January 2018

Organized by

The Institution of Engineers (India)
Madurai Local Centre

Under the aegis of

**METALLURGICAL AND MATERIALS
ENGINEERING DIVISION, IEI**

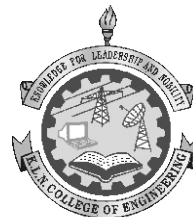


In association with

DEPARTMENT OF MECHANICAL ENGINEERING

K.L.N.College Of Engineering

Pottapalayam, Sivagangai (Dt) - 630 612, Tamilnadu.



Venue

Department Of Mechanical Engineering
K.L.N.College of Engineering

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 121 Centres located across the country. The Madurai Local Centre is one among them. The Institution also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examination in different Engineering disciplines, the successful completion of which is officially recognized as equivalent to a 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 visit www.ieindia.org.

ABOUT K.L.N. COLLEGE OF ENGINEERING

K.L.N. College of Engineering is the first self-financing Co-educational Engineering College in Madurai, started in 1994 by Munificence of Philanthropist and well-wishers in Saurashtra Community which is a linguistic minority in Tamilnadu. This college is sponsored by the committee of eminent industrialists and academicians led by enthusiastic, educationalist and industrialist (Late) Thiru K.L.N. Krishnan. This college has the approval of All India Council for Technical Education, New Delhi and is affiliated to Anna University, Chennai. This college is situated on the South Eastern outskirts of Madurai, 11th Km on Madurai – Nedungulam Road. It is built in an area of 53.8 acres. This College offers Seven Undergraduate Programmes, Seven Postgraduate Programmes and Doctoral Programmes in Engineering. The Department of Mechanical Engineering is well equipped with qualified and experienced faculty members with research and industrial background. The Department offers B.E Degree course in Mechanical Engineering, M.E Degree course in CAD/CAM and Research Programme leading to PhD. The Department is accredited for 4th time by NBA, New Delhi. Anna University Chennai has recognized the Department as Research centre for PhD work. Three staff members are recognized as supervisors for guiding the PhD scholars of the University. "IEI Academic Research & Innovation Group (IERIG)" is working in the thrust area of Control System with support of IEI-R&D grant at KLN college of Engineering under Madurai Local centre area.

OBJECTIVE:

The aim of this All India Seminar is to bring together Practicing Engineers, Scientists, Faculty Members and Students working in this challenging and thrust area of Composite Materials and to enable them to generate meaningful and robust designs of complex composite structures.

ABOUT COMPOSITES

Composites are a class of materials with the ability to blend the properties of ceramics such as high strength and high modulus with those of metals or alloys like ductility and toughness to produce significant improvements in the mechanical properties of the composite over those of the monolithic metal or alloys. In composites, the materials are combined to make better use of their parent material while reducing the effects of their deficiencies. Advanced Composite Materials are being used in many diverse industries and applications such as Aerospace, marine, automotive, medical, energy and recreation. Besides improving performance and saving weight, these materials provide the designer with the ability to tailor the mechanical and thermal properties of the structure. Starting with basic mathematical derivation followed by simplifications used in real-world design, Design and Analysis of Composite Structures presents the level of accuracy and range of applicability of each method.

SEMINAR TOPICS:

- Classification and Characteristics of CM
- Mechanical Behavior of CM
- Design of Compositions of CM
- Manufacture of CM
- Testing Procedures
- Testing of CM
- Applications of CM

RESOURCE PERSONS:

Sessions will be handled by Experts from Industries and Reputed Institutions.

WHO CAN ATTEND:

The faculty members and students from Engineering colleges, Universities, Research institutions and industries are eligible to participate in this All India Seminar on "Mechanics, Design and Testing of Composites".

REGISTRATION FEE :

Students (IE Student Chapter & IEI Members): Rs. 300/-
Students (Non-IE Members): Rs.400/-
Delegates from Academic /Research Institutions: Rs.600/-
Delegates from Industries: Rs.1.000/-
Fee includes Course Material, Lunch and Tea.
No TA / DA will be given.
Last date for Registration: 02-01-2018

PAYMENT DETAILS :

All payments are to be made through crossed Demand Draft / At par Cheque, drawn in favour of "The Principal, K.L.N. College of Engineering" payable at Madurai.

ORGANISING COMMITTEE :

Chairman: Er. K.Vijayakumar, FIE, Chairman, IEI, MLC
Co-Chairman: Dr.A.V.Ramprasad, FIE, Principal, KLNCE
Organising Secretary:
Er. J. Samuel, MIE, Hon. Secretary, IEI, MLC
Co-Organising Secretary:
Dr.P.Udhayakumar, FIE, Prof & Head / Mech, KLNCE

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Mr. SENTHILKUMAR.B, AMIE, IEI, MLC

TECHNICAL COMMITTEE:

Dr.V.Balasubramani, AP/ Mech., TCE, Madurai
Dr.B.Stalin, AP/Mech., Anna University Campus, Madurai

CONTACT :

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The Institution of Engineers (India)
MADURAI LOCAL CENTRE
ALL INDIA SEMINAR ON MECHANICS, DESIGN AND TESTING OF COMPOSITES
04 - 05 JANUARY 2018



Book - Post

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The Institution of Engineers (India)
under the aegis of **METALLURGICAL AND MATERIALS ENGINEERING DIVISION, IEI** In association with
Department of Mechanical Engineering, K.L.N. COLLEGE OF ENGINEERING

To

If undelivered please return to
THE INSTITUTION OF ENGINEERS (India)
MADURAI LOCAL CENTRE
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120 Feet Road, Surveyor Colony, Madurai - 625 007.
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