

Information Brochure

The Institution of Engineers (India)

A Century of Service to the Nation

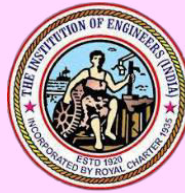
One Day Seminar

on

*“Diagnostics and Repairs of Aerospace and
Defense Structures”*

17.04.2026

Organized by



The Institution of Engineers (India)

Coimbatore Local Centre

Under the aegis of

Aerospace Engineering Division Board, IEI

in association with



KUMARAGURU
college of technology
character is life

Department of Aeronautical Engineering
Kumaraguru College of Technology
(An Autonomous Institution)
Coimbatore

Venue: Swami Vivekananda Hall
Kumaraguru College of Technology
Coimbatore - 641049

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 for sharing professional interest. IEI has membership strength of above 2.6 lakhs. Established in 1920, with its headquarter at Kolkata, IEI has served the engineering fraternity close to a century. During this period of time, IEI 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 which has been 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. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating through its 124 Centres located across the country and 6 overseas chapters. Besides, IEI has bilateral agreements with about 31 international bodies and membership of another 8 international bodies of the developed nations across the globe.

Being recognized as a Scientific and Research Organisation (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India, IEI promotes the cause of research and development by providing Grant-in-Aid support to undergraduate, post graduate students and Ph.D. research scholars of Engineering Institutions and Universities. IEI holds the International Professional Engineers (IntPE) Register for India under the global International Professional Engineers Alliance (IntPEA). The Institution also awards the Professional Engineers (PE) Certification and confers the Chartered Engineer (CEng) certification. IEI, in collaboration with Springer, regularly publishes peer-reviewed international journals in five series, namely Series A, Series B, Series C, Series D, and Series E, covering fifteen engineering disciplines.

About Coimbatore Local Centre

IE(I) Coimbatore Local Centre, operating from the PSG College of Technology campus, has been actively serving the engineering fraternity for nearly 60 years. The IE(I), Coimbatore Local Centre has been one of the active centres of The Institution of Engineers (India) which is engaged in successfully translating the objectives and ethics of IE(I) into practice. The Centre was founded in the year of 1965, under the Chairmanship of Dr G R Damodaran, an educationist, the former Vice - Chancellor of Madras University, a philanthropist and also the architect of PSG College of Technology, Coimbatore, who lived for the technology development of the nation. Presently, IE(I), Coimbatore Local Centre has a strength of more than 3,000 corporate members, more than 6,000 student members, and 22 institutional members. It regularly organizes technical and special lectures in various fields of engineering. Industrial visits are also arranged to promote good technical interaction among the members and industries. It also observes the international / national events like World Water Day, World Telecommunication and Information Society Day, World Environment Day and Engineers Day and other IE(I) statutory days in a fitting manner by organizing technical talks on the selected themes with experts in field. One Day Seminar / Workshop, All India Seminar / Workshop funded by the IE(I), Headquarters, Kolkata are also being organized under different engineering divisions in association with various institutions. A few National Conventions of IE(I) are also organized by the Centre. The audited annual accounts, quarterly and annual reports of the Centre are being properly submitted to the IE(I), Headquarters on time. The monthly committee meetings and Annual General Meeting (AGM) are being held in an organized manner. The Centre served as an important examination centre in the region for many years conducting AMIE section A & B examinations during summer and winter sessions. The Centre has many students' chapters which are active under different engineering divisions in various institutions in and around Coimbatore.

Every year, outstanding engineers and young achievers are honored by the Coimbatore Local Centre. Student scholarships are also distributed from various endowment contributions. The Centre houses a library with about 1900 text and reference books for the benefit of members. Guidance classes are also being conducted to support associate and student members. Golden jubilee of the IE(I), Coimbatore Local Centre was celebrated in the year 2015 - 2016 with the inauguration of Centre's own building, "PSG - GRD Bhavan".

Rotary eClub of Coimbatore Changemakers honored IE(I), Coimbatore Local Centre with **“Changemaker of Coimbatore Award for the year 2022-2023”**. Recently, the Institution of Engineers (India), Coimbatore Local Centre, has been adjudged the **“Best Local Centre” for its all-round performance during the year 2024-2025**. This recognition was also received earlier for the years 2019-2020, 2022- 2023 and 2023-2024.

About the College

Kumaraguru College of Technology (KCT), Coimbatore is a private Engineering College started in 1984 under the auspices of Ramanandha Adigalar Foundation, a charitable educational trust of Sakthi Group. Situated in a sprawling 156-acre campus in the IT corridor of Coimbatore, KCT is an autonomous institution affiliated to the Anna University, Chennai and approved by All India Council for Technical Education (AICTE). KCT was granted Five Year Accreditation status in its first cycle of accreditation. Later, in the second cycle, with a CGPA of 3.21 on 4.0 scale, A Grade was awarded which was valid till 02 December 2021. In July 2022, following the NAAC Peer Team visit for third cycle of accreditation, KCT has been awarded A++ Grade, the highest grade awarded to institutions by NAAC with KCT securing a CGPA of 3.62 on a 4 - point scale. And all the eligible UG programs have also been accredited by National Board of Accreditation (NBA). The able guidance and patronage of Arutselvar Dr. N.Mahalingam, Founder, Sakthi Group along with the efficient administration of Dr.B.K.Krishnaraj Vanavarayar, Chairman, the resourcefulness of Sri. M.Balasubramaniam, Correspondent and the foresightedness of Shri. Shankar Vanavarayar, President have equipped the college with excellent facilities such as spacious classrooms, seminar halls, well-equipped laboratories, excellent sporting amenities, dedicated high-speed internet connectivity (broadband) and well-qualified faculty. Kumaraguru College of Technology (KCT) is committed to providing quality Education and Training in Engineering and Technology to prepare students for life and work equipping them to contribute to the technological, economic and social development of India. The College pursues excellence in providing training to develop a sense of professional responsibility, social and cultural awareness and set students on the path to leadership.

About the Department

The Department of Aeronautical Engineering with well qualified and experienced team of faculty members with varied specializations in Aeronautical Engineering stream is committed to provide quality education by innovative teaching-learning processes. The activities of the department are governed by various committees such as Board of Studies and Department Advisory Board in which the external expert members are drawn from educational institutions, industries and research centres of repute and the curriculum is periodically reviewed on pace with the global industrial scenario. Introduction of the Choice Based Credit System enables the students to select the courses of his/her choice in various inter disciplinary areas of engineering. The department has state-of-the-art infrastructure and laboratory facilities providing conducive learning environment to the students and research scholars. The ongoing industry consultancy services and research projects motivate students to learn beyond the curriculum and carry out innovative projects. Various Associations and professional bodies are actively involved in promoting co-curricular and extracurricular activities, to hone the leadership qualities of the students. Internship in the leading industries and research centres such as HAL, NAL, ADA, ADE, DRDO etc provide an opportunity to learn the latest developments in the field of Aeronautical Engineering.

About the Theme

The Diagnostics and Repairs of Aerospace and Defense Structures program focuses on advanced inspection, maintenance and repair techniques essential for ensuring the structural integrity, reliability, and longevity of aircraft and defense-related structures. Given the demanding operational conditions in the aviation and defense sectors, early diagnosis of structural issues and effective repair methodologies are critical for safety, performance, and cost efficiency. Enhancing diagnostic capabilities for early damage detection and mitigation. Developing expertise in advanced repair technologies for aerospace and defense applications. Promoting cost-effective and efficient maintenance solutions. Strengthening

industry-academia collaboration for research and innovation in structural diagnostics and repairs. This program is tailored for aerospace engineers, defense personnel, maintenance professionals, researchers, and students, equipping them with the latest skills and knowledge in aerospace maintenance, repair, and overhaul (MRO).

Sub - Themes

- ❖ Non-Destructive Testing (NDT) Techniques for Aerospace Materials
- ❖ Structural Health Monitoring (SHM) Systems
- ❖ Emerging Repair Technologies and Material Innovations
- ❖ Case Studies on Diagnostics and Repair Challenges in Defense Applications
- ❖ Best Practices for Ensuring Longevity and Performance of Aerospace and Defense Structures

Resource Persons

Expert members from various leading academic institutions, research laboratories and Industries.

Eligibility

IEI Members, UG and PG Students, Research Scholars, Faculty Members and Practicing Engineers.

How to Apply

Registration for the seminar can be made by sending the duly filled application through email or by filling the registration link on or before **13.04.2026**.

Registration Link: <https://forms.gle/tr5ZFmAmk787JEX36>

Registration Fee (including GST)

	₹
IEI Corporate Members	236.00
UG / PG / Research Scholar	236.00
Faculty Members	354.00
Participants from Industry	472.00

Payment (Online Transfer Only)

Name	The Institution of Engineers (India) Coimbatore Local Centre
Bank	State Bank of India
Branch	Peelamedu Branch, Coimbatore
Account No.	10141435551
IFSC Code	SBIN0007231
GST No.	33AAATT3439Q6ZW

Note

- ✓ **Pre-registration is mandatory**
- ✓ **Spot registration is strictly not permitted (No cash payment)**
- ✓ **Limited participants only**
- ✓ **No TA / DA will be paid**
- ✓ **Kindly bring your College / industry identity card**
- ✓ **Registration through email and registration link is compulsory**
- ✓ **Registration fee includes: refreshments, lunch & participation certificate**

Chief Patrons **Dr B K Krishnaraj Vanavarayar**
Chairman, Kumaraguru Institutions, Coimbatore

Shri M Balasubramaniam
Correspondent, Kumaraguru Institutions, Coimbatore

Shri Shankar Vanavarayar
President, Kumaraguru Institutions, Coimbatore

Patron **Dr M Ezhilarasi**
Principal, Kumaraguru College of Technology, Coimbatore

Organizing Committee

Chairman **Dr M Senthilkumar**
Chairman, IEI Coimbatore Local Centre

Secretary **Dr J Pradeep Kumar**
Honorary Secretary, IEI Coimbatore Local Centre

Convener **Dr M Senthil Kumar**
Committee Member, IEI Coimbatore Local Centre &
Head of the Department, Department of Aeronautical Engineering
Kumaraguru College of Technology, Coimbatore

Members **Dr J Krishnamoorthi**, Immediate Past Chairman, IEI CLC
Dr G Madhan Mohan, Immediate Past Honorary Secretary, IEI CLC
Dr S Prabhakaran, Committee Member, IEI CLC
Mr K Saravanakumar, Committee Member, IEI CLC
Dr R Sivasankari, Committee Member, IEI CLC
Dr V V Senthil Kumar, Committee Member, IEI CLC
Dr M Alagumeenakshi, IEI - Institution Coordinator, KCT
Mr G Raj Kumar, Assistant Professor, Dept of Aeronautical Engg, KCT
Mr K Naveen Kumar, Assistant Professor, Dept of Aeronautical Engg, KCT

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One Day Seminar
on
“Diagnostics and Repairs of Aerospace and Defense Structures”

Date: 17.04.2026

*Venue: Swami Vivekananda Hall
Kumaraguru College of Technology
Coimbatore - 641049*

Registration Form

Name (in Block Letters) :

Designation :

Organization / Institution :

IEI Membership No. & Division :

Address for Communication :

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Mobile Number :

Email ID :

Registration Fee Paid (Rs.) :

Transaction Details :

UPI ID No / NEFT UTR No. :

Transaction Date & Time :

Date:

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Signature