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Professor, National Institute of Technology, Tiruchirappalli.

### Dr. V. SENTHIL KUMAR

Associate Professor, IIT Palakkad.



## INTERNATIONAL CONFERENCE ON

# SUSTAINABLE MATERIALS, AUTOMOTIVE TECHNOLOGIES AND ARTIFICIAL INTELLIGENCE (SMATAI 2026)

12<sup>th</sup> & 13<sup>th</sup> MARCH, 2026

Organized by  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
and  
**DEPARTMENT OF CIVIL ENGINEERING**

## ABOUT THE INSTITUTION

Karpagam College of Engineering (KCE) was established in the year 2000 under the aegis of Karpagam Charity Trust by Dr. R. Vasanthakumar the Chairman and Managing Trustee. Dr. R. Vasanthakumar was a Gold Medallist in Electrical Engineering and has devoted himself to the spread of Engineering and Higher Education among the deserving and needy public. He is a great philanthropist and a shrewd entrepreneur. The Vision of the institute is to provide quality education with ample industrial exposure and teaching - learning methods best suited for all learners. KCE got its autonomy status in 2010 and for the past 25 years, the institution has excelled in terms of performance with regard to curriculum and its implications on society's welfare & Nation building. The institution strongly believes in building knowledge and skills through strong industry interactions, collaboration and training through various Centre of Excellence. The institute is accredited by NAAC with A+ (II cycle) and NBA for CSE, CIVIL, EEE, ECE, IT and MECH. The institute has signed 100+ MoUs with leading manufacturing industries, service industries, research organizations and foreign universities to equip the faculty fraternity and students' community on cutting edge technology. It helps to collaborate across domains and integrate courses in cross functional ways. The campus of KCE is beautifully landscaped in a lush green stretch in the Palghat pass Coimbatore, the manufacturing hub and the Manchester of South India. Our 5000+ students and 16,000+ Alumni is the cornerstone of our success.

## ABOUT THE CONFERENCE

International Conference on Sustainable Materials, Automotive Technologies and Artificial Intelligence (SMATAI 26) brings together experts from diverse fields, including material science, automotive engineering, and artificial intelligence to discuss the challenges, opportunities, and future directions for integrating these technologies. Sustainable materials, automotive technologies, and artificial intelligence are increasingly interlinked, as advancements in each field are driving innovation and solutions to pressing global challenges. This conference will feature keynote speeches and paper presentations across various domains. Through collaborative discussions and knowledge exchange, this conference aims to enhance knowledge and contribute to the development of smart, sustainable, and innovative solutions for the industry, ultimately contributing to a greener and more efficient future. SMATAI 2026 is being jointly organized by the Department of Mechanical Engineering and Department of Civil Engineering, in association with Indian Society of Technical Education, KCE chapter. SMATAI 2026 is scheduled on 12<sup>th</sup> and 13<sup>th</sup> March 2026.

## CONFERENCE THEME

Technical sessions will be conducted on different themes related to Sustainable Materials, Automotive Technologies and Artificial Intelligence. The below list is a general guideline for authors; however, flexibility is there for the authors and may include contributions on topics to related fields.

### MECHANICAL ENGINEERING

- Advanced Materials and Manufacturing
- AI in Mechanical Engineering
- Smart and Sustainable Intelligent Technologies
- Green and Sustainable Technologies
- Electric Vehicles
- Micro and Nano systems
- Thermal and Energy Engineering
- Robotics and Automation
- Green Computing and Networking



### CIVIL ENGINEERING

- Special Concrete
- Sustainable Materials
- Structural Health Monitoring
- AI for Quality Control
- Environmental Impact Assessment
- Pollution Control
- Pre-Engineered Buildings
- Smart Cities
- Smart Highways

### IMPORTANT DATES

Abstract Submission	: 10.01.2026
Notification Due	: 15.01.2026
Full paper Submission	: 20.02.2026
Registration	: 01.03.2026

### Registration fees (Per paper Max 5 Authors)

It is mandatory that at least one author of all accepted papers need to register for the conference. Registration fee covers E-Certificates for a team (maximum of five members) and SMATAI Proceedings with ISBN Number.

Category	Indian Delegates (INR)	Foreign Delegates (USD)
R&D and Industry Personnel	3000	100
Faculty & Research Scholars	2500	75
Students	2000	50

## PUBLICATION DETAILS

- All accepted papers will be published in SMATAI 2026 Conference Proceedings with ISBN number.
- Based on authors consent, selected papers will be submitted to reputed Scopus indexed journal subject to the scope and quality requirements (On additional payment).

\* Journal details will be intimated shortly

## SUBMISSION LINK

Papers should be submitted using the following link

<https://forms.gle/GjsZ6aWJnZ1Bk378>



## REGISTRATION QR CODE

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