



1<sup>st</sup> International Conference on  
**Environmental Sciences  
and Sustainable Materials  
(ICESSM 2025)**



(Leveraging the Potential of Digital Innovations and Developments in the Fields of  
Environmental Sciences and Sustainable Materials for a Greener and Resilient Future)

**11<sup>th</sup> & 12<sup>th</sup> October, 2025**



**Organised by**  
**M. Kumarasamy College of Engineering, Karur.**  
**(Collaborating with Rademics)**



[icessm2025@gmail.com](mailto:icessm2025@gmail.com)  
<https://icessm.com/>

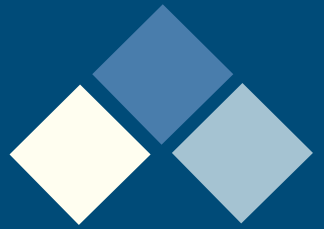


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# Overview

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**ICESSM 2025**, hosted by M. Kumarasamy College of Engineering in hybrid mode, promotes global collaboration in environmental science and sustainable materials. The conference encourages knowledge exchange through keynotes, technical sessions, and discussions, focusing on innovation to tackle climate change, pollution, and sustainable development challenges worldwide. Fosters global collaboration on environmental science and sustainable materials through keynotes, technical sessions, and hybrid participation.



## About the Department

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The Department of Civil Engineering and Artificial Intelligence actively promotes curriculum development activity by updating existing courses, developing new courses and preparing resource material for teaching. It undertakes industrial consultancy works as a part of its interaction with industry and also organizes seminars/symposium for professional interaction. The department is also very active in conducting conferences, workshops, short term seminars etc. The department has been constantly involved in a range of consultancy projects. The department has a comprehensive curriculum on topics related to all aspects of computer hardware and software with an emphasis on practical learning.

## Track

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**Track 1: Environmental Sciences**

**Track 2: Sustainable Materials**

**Track 3: Renewable Energy and Resource Management**

**Track 4: Advanced Functional Materials**

**Track 5: Composite Materials**

**Track 6: Nanomaterials and Nanotechnology**

**Track 7: Advanced Manufacturing Materials**

**Track 8: Materials for Environmental Applications**

**Track 9: Process Optimization in Manufacturing**

**Track 10: Machine Learning and AI for Optimization**

**Track 11: Environmental and Resource Optimization**

**Track 12: High temperature Application**

For detailed list of topics covered in <https://icessm.com/> shall be found from the conference website



## Registration Fee

CATEGORY	Early Bird Registration Fee	Indian Registration Fee
<b>Scopus indexed proceedings</b>		
Research Scholar / Student	₹13,000	₹14,000
Academic / R&D / Industry	₹14,500	₹15,000
Foreign Authors	USD 450	USD 500
<b>Google Scholar Indexed Journal with DOI</b>		
Research Scholar / Student	₹ 2,499	₹ 2,999
Academic / R&D / Industry	₹ 2,499	₹ 2,999
Foreign Authors	USD 100	USD 100

## Publication

Materials Science Forum, Defect and Diffusion Forum, Key Engineering Materials, Solid State Phenomena (Scopus Indexed).



### Selected papers will be published in:

- ★ Materiale plastice (Scopus, SCIE).
- ★ International journal of vehicle structures and systems (Scopus).
- ★ Composites mechanics computations applications an international journal (Scopus, ESCI).
- ★ Journal of polymer and composites (ESCI).
- ★ Engineering Research (Google Scholar Indexed).
- ★ Environmental Research and Hazardness (Google Scholar Indexed).
- ★ Manufacturing and Automation (Google Scholar Indexed)

## Important Dates

Last date for paper submission	25 <sup>th</sup> August 2025
Notification of acceptance	12 <sup>th</sup> September 2025
Registration commencing	25 <sup>th</sup> September 2025
Registration deadline	01 <sup>st</sup> October 2025
Camera ready paper submission	05 <sup>th</sup> October 2025
Release of Conference schedule	08 <sup>th</sup> October 2025
<b>Conference Date(s)</b>	<b>11<sup>th</sup> &amp; 12<sup>th</sup> October 2025</b>

### For Indian Authors

Registration form for icessm 2025 shall be found in the conference website under "Downloads" link. Duty filled-in registration form along with the Camera Ready Paper (CRP) strictly with CRP manuscript template may be sent to [icessm2025@gmail.com](mailto:icessm2025@gmail.com) before the deadline. The registration fee shall be paid through NEFT/IMPS/UPI or using Credit/Debit cards.

### For International Authors

Please refer the website <http://icessm.com>



# Author Guidelines

1. Should the camera-ready paper have a plagiarism score of less than 20%, please ensure this.
2. All of the figures and tables have captions and are numbered appropriately.
3. All of the paper's figures and tables are properly cited throughout the text.  
(It is imperative that all figures and tables be referenced within the text.)
4. The paper's title, the authors' names, affiliations, and the spacing and detail are all accurate.
5. Before the abstract, the associated author's email address is given.
6. The title should accurately summarize the paper's substance.
7. The name and affiliations of the author(s) are listed in the correct sequence  
(do not add the author's title, such as lecturer, professor, research researcher, student, etc.).
8. Avoid using prefixes like Dr., Mr., and so on when referring to authors.
9. Please make sure the paper is well-written and close attention.
10. The paper's body references are cited in accordance with the IOP template.
11. The suggested approach has been outlined in detail.
12. The article has a strong organizational structure.
13. The publication includes all of its graphs and illustrations in high-quality resolution.
14. Equation editor software is used to type all of the equations.
15. The reference list follows the correct format. This is crucial because many of the papers we found had the incorrect format.
16. Avoid including the biography of the author(s) at the conclusion of the work.
17. Throughout the paper, please refrain from using first-person pronouns like I, we, us, and extra.
18. Do not mention the associated Institute or centre or the co-authors in the acknowledgment section.

## Call for Papers

The prospective authors are invited to submit their high quality, copyright protected, original papers (Plagiarism free) which have not been submitted earlier anywhere else. The Conference will be organized in hybrid mode. Authors are requested to submit their paper via given link.

<https://icessm.com/registration-form/>



Scan QR-Code

## Keynote Speakers



**Dr. Manoj Kumar Gupta**

National Institute of Technology,  
Kurukshetra



**Dr. Komal Patel**

Shree Sunshine Group of Institutions,  
Rajkot



**Dr. R. Ranjith**

Managing Director,  
Rademics Research Institute, Coimbatore.



**Kamalakanta Muduli**

Papua New Guinea University  
of Technology, Papua New Guinea



**Nouf Thabit Mahmood**

Al Bayan University,  
Iraq



**Susan Fawzi Khadhem**

Abdulla'a AlSudani,  
Albayan University, Iraq

# Tourist Attractions

Five historical places to visit in Tamil Nadu include the **Brihadeeswarar Temple in Thanjavur**, **Mahabalipuram**, **Meenakshi Amman Temple in Madurai**, **Ramanathaswamy Temple in Rameswaram**, and **Gangaikonda Cholapuram**. These sites showcase a rich history and architectural grandeur, reflecting the cultural and religious heritage of the region.

Here's a little more about each:

**1. Brihadeeswarar Temple, Thanjavur:**

A UNESCO World Heritage Site, this temple is a masterpiece of Chola architecture, dedicated to Lord Shiva.

**2. Mahabalipuram:**

Known for its rock-cut sculptures and temples, including the Shore Temple, it's a testament to Pallava dynasty's artistic prowess.

**3. Meenakshi Amman Temple, Madurai:**

A vibrant and iconic temple complex, dedicated to Goddess Meenakshi and Lord Sundareswarar, known for its towering gopurams and intricate carvings.

**4. Ramanathaswamy Temple, Rameswaram:**

One of the holiest Hindu shrines, it houses the Jyotirlinga and is a significant pilgrimage site.

**5. Gangaikonda Cholapuram:**

Built by Rajendra Chola I, this site features a magnificent temple and served as the Chola capital for about 250 years.



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