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Mr. R. Sivakumar, Plant Head,

M/s Eversendai India Ltd., Chennai

E-Certificate will be provided for All Authors

Conference Outline

The following topics (But not limited to)

- ✓ Artificial intelligence for engineering design, analysis and manufacturing
- ✓ Machine learning and artificial intelligence for robotics, material modeling and smart materials
- ✓ Intelligent control and damage detection with optimum design of mechanical systems
- ✓ Digital manufacturing & Industry 4.0
- ✓ Environmental and eco friendly concepts based on AI techniques
- ✓ Modern concepts of Structures and concrete based on smart materials and waste materials
- ✓ Green infrastructure and urban development
- ✓ 3D printing for mechanical & civil engineering applications

Registration Link:

<https://forms.gle/WvhkzRpiFRs5NwKh6>

Registration Details

Registration Fee for the Participants

UG/PG Students/Faculty/others: INR 100

Mode of Payment : Online

UPI ID : 8870426968@ybl

Scan & Pay:



Submission Guidelines for Authors

- Authors are requested to send their abstract trpenggconference@gmail.com.
- Papers should be original and not published anywhere.
- Word limit for the paper is 2500 words and abstract should be of 300 words with minimum 4-5 key words.
- Authors must use Times New Roman with 12 font size, 1.5 Line spacing and 1 inch margin from all the sides.
- The paper should have a cover page with Title of Paper, Name of the Authors, Designations, Details of Institute / Organization, Contact details.

Methodology for Paper Presentation

- Paper should be presented in Virtual Platform.
- According to the pre- informed schedule, the speaker will be required to present a paper live through the screen share option as per the stipulated time.
- Time allotted: 7 minutes/paper (5 minutes for the presentation & 2 minutes for Q&A).
- The Presentation slides should be sent, 2 days prior to Virtual Conference.

ABOUT THE CONFERENCE

National Conference on Artificial Intelligence in Mechanical and Civil Engineering (NCAIMC) acts as a forum to address the opportunities & challenges and to discuss the scope for future research. This conference will bring academicians, research scholars, engineers and scientists to exchange and share their expertise and also provide an opportunity for the presentation of new advances in theoretical and experimental research in the fields of Mechanical and Civil Engineering. The participants would get an excellent opportunity to expand their subjective knowledge and refine their innovative ideas through presentations, panel discussions and interactions.

ABOUT THE COLLEGE

SRM TRP Engineering College is headed by Dr. R. Shivakumar M.D., Ph.D. chairman, Ramapuram and Trichy Campuses. The institution continues the blazing glory in the field of education, deservedly bequeathing it from SRM Group of Institutions. It is approved by All India Council for Technical Education and affiliated to Anna University, Chennai. Five U.G. (B.E.) and two P.G. (M.E.) programmes are being offered. The institution provides all basic and advanced amenities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of the institution.

ABOUT THE DEPARTMENTS

Department of Mechanical Engineering is equipped with the best of resources to enrich its bloodline of the department thereby ensuring high quality education to the students. The Department has state-of-the-art facilities for imparting practical knowledge in the field of mechanical Engineering. The intense professional will of the faculty is the root for the sustained excellence of the department.

Department of Civil Engineering is well equipped with state-of-the-art laboratory facilities necessary for imparting high quality education and is structured to meet out the present day needs of the Civil Engineering field. Our main goal is to be the centre of excellence for the development and dissemination of knowledge in Structural, Construction management, Water Resources and management, Transportation, Environmental, Urban, Geotechnical, Remote sensing & GIS and its applications.

Conference Schedule

Abstract Submission : June 29, 2020
Acceptance Notification : June 30, 2020
Registration and
Full paper submission : July 02, 2020

Address for Communication

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Virtual National Conference On

**ARTIFICIAL INTELLIGENCE
IN MECHANICAL AND CIVIL
ENGINEERING
(NCAIMC-2020)**

04th July 2020



Organized by

**Department of Mechanical &
Civil Engineering**

SRM TRP Engineering College

(Approved by AICTE - New Delhi, Affiliated to
Anna University Chennai)

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