



SAVEETHA
SCHOOL OF ENGINEERING
Approved by AICTE | IET-UK Accreditation



SAVEETHA
INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES
(Declared as Deemed to be University under Section 3 of UGC Act 1956)

5th

International Conference on
Design, Analysis,
Manufacturing and Simulation

ICDAMS

2022

18th & 19th

**MAY
2022**

Organized by
**Department of Design,
Institute of Mechanical Engineering**



CONTACT DETAILS

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🌐 www.mechsssaveetha.com/icdams-2022.html

About the

Saveetha Institute of Medical and Technical Sciences

Recognized globally for academic excellence, Saveetha Institute of Medical and Technical Sciences (SIMATS) is a vibrant community for learning. SIMATS is located in Chennai, Tamil Nadu State of Southern India is one of the India's Leading Education Machineries, and the largest Specialist Centre for Education of all disciplines like Medicine, Dental Surgery, Engineering, Physiotherapy, Nursing, Law and Manage

ment and it attained the status of Deemed University under section 3 of the UGC Act of 1956 by Government of India on 18th March 2005. The Infrastructure, Programmes, Accreditations and Partnerships further reaffirm the Institute's leadership position in the motherland. Saveetha Institute of Medical and Technical Sciences is the only private university that has inscribed its name thrice in the Guinness Book of World Records for its excellence in Community Services and it has been Ranked 29 by NIRF in the whole country.



Saveetha School of Engineering

Saveetha School of Engineering (SSE) - A Premier Engineering Institution of the esteemed Saveetha Institute of Medical and Technical Sciences (SIMATS) was established in the year 2006 with a noble aim to provide world class education in par with global standards and exhibit in the international platform with world class infrastructure, laboratories and research facilities. Each Department of Engineering specializes in basic and advanced technologies, pedagogical methodologies, interactive activity-based Teaching Learning process, and ICT enabled curriculum to impart excellence in multiple dimensions enabling 360 Degree career and personality development of the individual. Saveetha School of Engineering, in a pioneering move has established "Saveetha Engineering Industries" (SEI) – An industry within the institute, follows an activity-based learning system multiple Integrated Learning Algorithm (MILA) and has Saveetha Foreign Language Centre (SFLC) & Saveetha Learning Resource Centre (SLRC) to transform lives of the students who aspire to think global.

About the

Institute of Mechanical Engineering

Institute of Mechanical Engineering (established in the year 2009) offers UG, PG and Doctoral Programmes. The departments have well qualified and experienced faculty members from both Academics and industries. Departments envisages to create a research hub engaged in contemporary research in association with industries and other institution, impart best - of - class education to the students with up-to-date curriculum and content in tune with industry requirements and foster a spirit of entrepreneurship among the students to enable a few launch their own ventures. The department emphasis on industry – Academia collaboration programs, also semester abroad Programme and 3 - month internships are facilitated to carry out their final year project work.



About the Conference



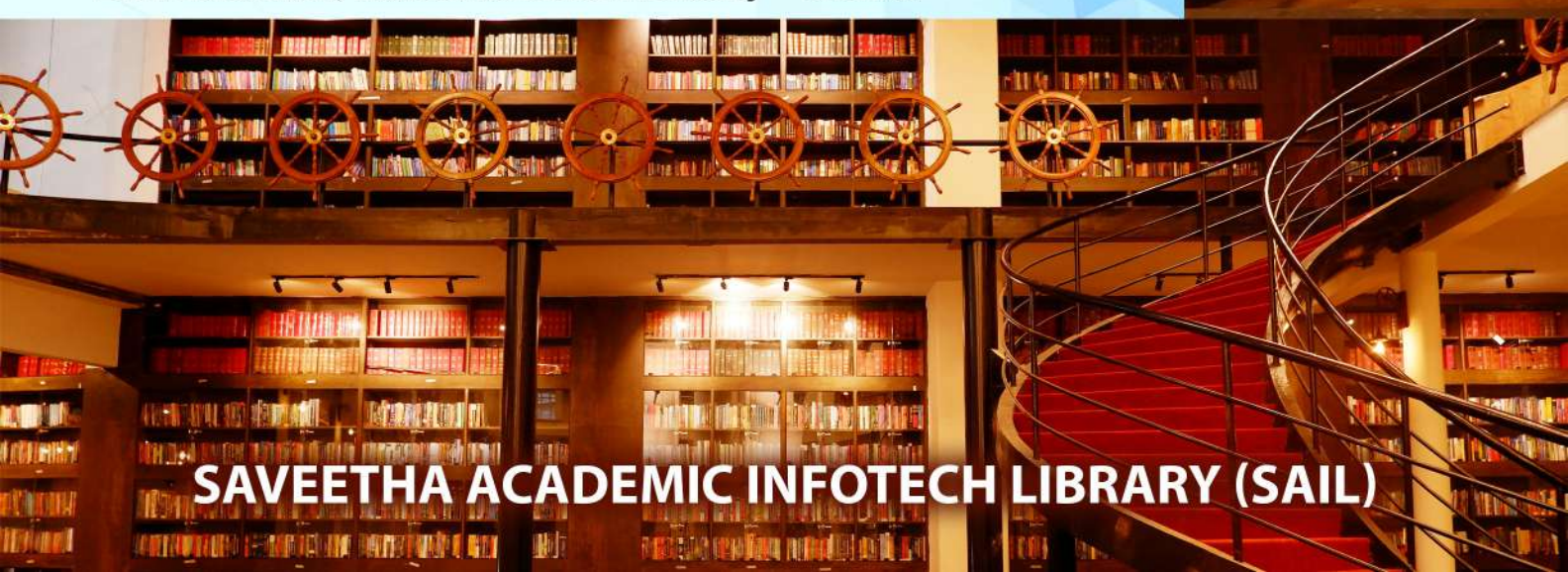
Outcome of this conference will provide a formidable foundation for the building of a superstructure for the future prospects of technological advancements in the country. The recent challenges faced by today's engineers are forcing them to keep abreast of the emerging trends through continuous research and development. ICDAMS 2022 is intended to provide a common platform for the academia and industrial experts to exchange their views through interaction, presentation and sharing of knowledge and experiences, to tackle innovative projects and problems in the challenging areas in their respective fields.

International Advisory Committee

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SAVEETHA ACADEMIC INFOTECH LIBRARY (SAIL)

CALL for PAPERS

The conference topics include, but not limited to the following thrust areas:

- ✓ 3D Printing
- ✓ Application of AI Techniques
- ✓ Applied Mechanics and Design
- ✓ CAD/CAM/CAE/CIM
- ✓ Computational Fluid Dynamics
- ✓ Design and Manufacturing
- ✓ Energy Management
- ✓ FEA/FEM
- ✓ Green Manufacturing
- ✓ Industrial Engineering
- ✓ Industrial Tribology
- ✓ Materials Preparation & Processing
- ✓ Mechatronics
- ✓ Micro and Nano - Machining & Manufacturing
- ✓ Nano-Technology
- ✓ Optimization of Systems
- ✓ Robotics and Automation
- ✓ Simulation and Modelling
- ✓ Solid and Fracture Mechanics
- ✓ Six Sigma / ERP
- ✓ TQM / TPM / SPC / SCM
- ✓ Vibration and Noise Analysis
- ✓ Digital Manufacturing
- ✓ Biomechanics Bio Composite / Nano / Smart Materials

Where possible, presentations on the above fields should relate to applications in any of the following industry focus areas:

Automotive, Aerospace, Marine, Defence, Heavy Equipment, Machinery & Goods
Biomedical and Healthcare, Energy Storage / Harvesting



All accepted papers will be published by (American Institute of Physics) in *AIP Conference Proceedings*. AIP conference proceeding is listed in UGC journal list and also indexed in Scopus Elsevier & Web of Science

After a careful reviewing process, all selected papers after proper registration and presentation, will be published by *Materials Science Forum* ISSN print 0255-5476 / ISSN web 1662-9752). Indexed by Elsevier: SCOPUS, Ei Compendex (CPX) & Web of Science



After a careful reviewing process, all selected papers after proper registration and presentation, will be published by *Key Engineering Materials* (ISSN: 1662-9795). Indexed by Elsevier: SCOPUS, Ei Compendex (CPX) & Web of Science

* Publication cost for the select papers should be borne by the respective authors.



Important Dates

Full Paper Submission	: 30.04.2022
Notification for selection of paper	: 05.05.2022
Last date for registration	: 10.05.2022
Conference dates	: 18-19 May 2022

Registration Fees

At least one registration per paper is mandatory for presenting the paper in the conference. The registration fee is to be paid through online transfer.

Category	National	International
Students, Full Time Research Scholars & faculty	INR 1500	USD 20
Industry	INR 2000	USD 35

Note: Conference Registration fee includes 18% GST

Payment Method

NEFT / RTGS / G-pay

NAME : "SAVEETHA SCHOOL OF ENGINEERING
CME/SEM/WORKSHOP"

A/C NO : 6074883871

BANK : INDIAN BANK

BRANCH : VALARPURAM

IFSC : IDIB000V060

Publication fees additional for publication in AIP
Conference Proceedings (Scopus, Web of Science indexed journal).

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