

School of Mechanical, Aeronautical, Automobile and Civil Engineering

Centre for Composite Materials

Department of Mechanical Engineering

Call for Papers

International Conference on

Sustainable Development in Advanced Materials, Manufacturing and Industry 4.0

INSDAM'25

27-28 MARCH 2025 (Hybrid Mode)

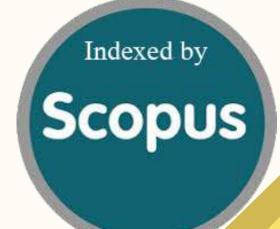
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ABOUT THE UNIVERSITY

Kalasalingam Academy of Research and Education (KARE), is a leading institution located in Krishnankoil, Tamil Nadu, India. Established in 1984, the university has earned a reputation for academic excellence, cutting-edge research, and societal impact. Recognized as a Deemed-to-be University under the UGC Act of 1956, KARE offers a wide range of undergraduate, postgraduate, and doctoral programs in engineering, science, management, architecture, arts, applied sciences, humanities, law and allied health sciences. KARE holds prestigious accreditations and rankings that reflect its commitment to quality education and research. It has been accredited with an 'A++' grade by National Assessment and Accreditation Council and is ranked among the top institutions in India by the National Institutional Ranking Framework (NIRF). In the 2023 NIRF rankings, KARE achieved a commendable position in engineering, management, and overall categories. KARE is globally recognized, being accredited by Accreditation Board for Engineering and Technology (ABET). Additionally, its commitment to sustainability and global engagement is reflected in its high rankings in the Times Higher Education (THE) Impact Rankings. KARE boasts state-of-the-art infrastructure, cutting-edge laboratories, and robust industry partnerships, fostering innovation in areas such as nanotechnology, artificial intelligence, automotive systems, and sustainable development. With a strong emphasis on inclusive education, experiential learning, and entrepreneurship, KARE continues to prepare students to excel in a competitive global environment. Its picturesque campus and vibrant academic ecosystem make it a sought-after destination for aspiring students and researchers.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering is accredited by NBA and ABET for a period of six years. The department has the state-of-the-art facilities for research through the laboratories namely Materials Processing Laboratory, Advanced Machining & Measurement Laboratory, Machine Dynamics & Condition Monitoring Laboratory, Bio composite Laboratory, Surface Engineering Laboratory and Centre for Advanced Thermal Studies. The department has close interactions with the leading industries for research, development and consultancy. The school has made pioneering and definite contributions in the thrust areas of design, thermal, manufacturing, materials, energy and industrial engineering.

ABOUT THE CONFERENCE

The International Conference on Sustainable Development in Advanced Materials, Manufacturing, and Industry 4.0 is a premier platform for researchers, academicians, scientists and industry professionals to discuss recent advancements in sustainable materials and cutting-edge manufacturing techniques. The conference will also explore the integration of Industry 4.0 technologies such as automation, IoT and AI in manufacturing processes to create eco-friendly and efficient systems. Topics include innovative material development, smart manufacturing, green technologies and their impact on global sustainability goals. It serves as a hub for collaboration, knowledge exchange and shaping the future of sustainable industries worldwide.

CONFERENCE THEMES

The conference aims to cover the following areas but not limited to other themes in the field:

- Sustainable Advanced Materials
- Green Manufacturing and Advanced Manufacturing Technologies
- Nanomaterials and Composites
- Green Tribology
- Industry 4.0 Integration
- Smart Factories and Digital
- Circular Economy in Industry
- Additive Manufacturing
- Renewable Energy Integration in Manufacturing

INSTRUCTIONS

- Submissions should be in .doc format. All the figures should be of minimum 300 dpi quality.
- The tables must not be in image format.
- The authors are responsible for obtaining copy rights for figures and tables which are already published or taken from other sources.
- Similarity Index of the manuscript should be less than 10% (with a maximum of 2% from any single source). The contribution must be original and not published or submitted for publication elsewhere. Experimental work, mathematical analysis, numerical simulation and case studies with novel techniques are more likely for acceptance.
- All papers will be reviewed by the field experts. The corresponding author of selected paper will be intimated through e-mail only. Presentation in the conference will be in hybrid mode. Papers received after the deadline may not be included in the conference proceedings. The papers registered for the conference must be presented by any one of the authors in the conference.
- Certificate of participation/presentation will be issued to the registered delegates/authors attending the conference.
- The abstract of the accepted papers will be published in the conference proceedings with ISBN number. After a careful reviewing process as per the conference norms, the selected full-length papers will be published in Scopus indexed conference proceedings /journal.
- Abstracts/Full length papers should be submitted to the following mail ID: insdam25@klu.ac.in

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Sponsorship National (INR)	50000	75000	100000	200000	300000
Sponsorship International (USD)	500	1000	2000	3000	4000
No. of free registrations	1	3	5	7	8
Brand Logo in Website, Brochure and Book of Abstract	Yes	Yes	Yes	Yes	Yes
Regular Exhibition Stall in a Conference Venue	Yes	Yes	Yes	Yes	Yes
Half page advertisement in Book of Abstract	Yes	Yes	Yes	Yes	Yes
Invitation for technical talk (15mins)	-	Yes	Yes	Yes	Yes
Premium Exhibition Stall in a Conference Venue	-	-	Yes	Yes	Yes
Exclusive Adv. Banners for the Brand/Company in the Venue	-	-	-	Yes	Yes
Brand Logo in the Conference Kit	-	-	-	-	Yes
Premium Adv. Banners for Brand/Company in Lunch, Dinner and Poster Sessions	-	-	-	-	Yes
Display of 2 mins promo video by the sponsor in all plenary technical sessions	-	-	-	-	Yes

IMPORTANT DATES

LAST DATE FOR SUBMITTING ABSTRACT : 31.01.2025
NOTIFICATION OF ACCEPTANCE : 07.02.2025
LAST DATE TO SUBMIT OF FULL-LENGTH PAPER : 14.03.2025
LAST DATE FOR REGISTRATION : 21.03.2025

REGISTRATION FEE

CATEGORY	Early bird (till	01.03.2025)	After early bird (after 01.03.2025)		
	FEE (INR)	FEE (USD)	FEE (INR)	FEE (USD)	
Industry	3000	250	3500	300	
Govt./Academic/Research Institution	2500	225	3000	200	
Students/Research scholars	2000	200	2500	175	
Listeners	1000	175	3000	150	

Registration fee covers the, refreshments, lunch and conference kit. Payments to be made in the account given below:

Account Number: 335602011000115

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IFSC Code: UBIN0562734
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