CONFERENCE COMMITTEE

CHIEF PATRONS

Dr. R. Shivakumar

Chairman, SRM Group of Institutions, Ramapuram & Trichy campus

Mr. S. Niranjan

Co-Chairman, SRM Group of Institutions, Ramapuram & Trichy campus

PATRONS

Dr. N. Sethuraman

Chief Director, SRM Group of Institutions, Ramapuram & Trichy campus

Dr. K. V. Narayanan,

Associate Director, SRM Group of Institutions, Ramapuram & Trichy campus

Dr. M. Muralikrishna

Dean (E&T), SRMIST, Ramapuram campus

Dr. Balika J Chelliah

Vice Principal (Admin), SRMIST, Ramapuram campus

CONVENOR Dr.A. Mathivanan

Head of the Department

ORGANIZING SECRETARIES

CONTACT US

Dr. S. Vigneshwaran

Assistant Professor/Mech
(vigneshs10@srmist.edu.in)

Mob : +91 9159159386

Dr. R. Tharmaraj

Assistant Professor/Mech
(tharmarr@srmist.edu.in)

Mob : +91 7339302663

Dr. B.M. Swami Punniakodi Assistant Professor/Mech (swamipub1@srmist.edu.in)

Mob: +91 97502 25331

Dr.P.Vasanthkumar Assistant Professor/Mech

(vasanthp1@srmist.edu.in) Mob : +91 9677695005

CALL FOR PAPERS

Authors willing to present their research works are informed to submit their manuscripts in the prescribed format electronically to srmistaiims3.0@gmail.com.

Paper will be selected based on the recommendation of the review committee.

Selected papers will be published in SCIE/WoS/Scopus indexed journal/AIIMS3.0 Conference proceedings.*

* Conditions apply: The authors are advised to pay the processing charges directly to the journals recommended.

IMPORTANT DATES TO REMEMBER

 Submission of Article
 - 29.02.2024

 Invitation of Acceptance
 - 04.03.2023

 Camera-ready paper
 - 30.03.2024

REGISTRATION CHARGES

- * 2000/- PER PAPER FOR STUDENTS AND FACULTY MEMBERS (OFFLINE MODE)
- * 1000/- PER PAPER FOR STUDENTS AND FACULTY MEMBERS (ONLINEMODE)
- * 1500/- PER PAPER FOR INDUSTRY PARTICIPANT (OFFLINE & ONLINE)
- * USD \$100 PER PAPER FOR FOREIGN AUTHORS

PAYMENT DETAILS

ACCOUNT NAME : SRMIST

ACCOUNT NUMBER : 117109000032971

IFSC CODE : CIUBO000517

BANK NAME : CITY UNION BANK

BRANCH : RAMAPURAM

ORGANIZING COMMITTEE MEMBERS

Dr. S. Suyambazhahan, Professor. Dr. V. Thanigaivelan, Asso. Prof.

Mr.S.D.Kumar, A/P Dr.Vibha Uttam, A/P Mr. A. Bhaskar, A/P Dr.S.Ilangovan, A/P Mr.N.Manikandan, A/P Dr A Prabu, A/P Dr.G.Swaminathan, A/P Dr. M. Ramesh, A/P Mr.G.Manikandan, A/P Dr. A. Venkatakrishna, A/P Mr.C.Uthirapathy, A/P Dr. A. Chelliah, A/P Mr.H.Mohammed Ali, A/P Dr. M. Vikneswaran, A/P Mr.K.Chandra Mohan, A/P Dr. S. Mohan, A/P Mr. K. Vinoth Kumar, A/P Dr. A. Santhoshkumar, A/P Mr.M.Krishna, A/P Dr. T. Elangovan, A/P Dr.Lord Javkishan Navak, A/P Dr. S. Prathiban, A/P

Dr. M.S. Nitin, A/P



SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

RAMAPURAM, CHENNAI - 600 089

THIRD INTERNATIONAL CONFERENCE ON

ADVANCED INTELLIGENCE AND INNOVATIONS IN MECHANICAL SCIENCES, (AIIMS 3.0)

25th & 26th APRIL, 2024



ABOUT SRM INSTITUTE OF SCIENCE AND TECHNOLOGY (SRMIST)

SRM IST is one of the top-ranking universities in India with over 38000 students and more than 2600 faculty across all the campus, offering wide range of undergraduate, postgraduate and doctoral programs in Engineering, management, medicine, health science and science and humanities. The institute has academic tie ups with the leading foreign universities like MIT, University of California, USA and University of Dundee, Oxford university, UK, Our institute is accredited by NAAC and got placed in "A++" category under Ministry of Education (MoE. Government of India).

ABOUT RAMAPURAM CAMPUS

A serene and charming enclave with a spread of 27 acres with all necessary facilities located within the heart of Chennai. The campus provides an adobe for Faculty of Engineering & Technology, Faculty of Science and Humanities, Dental college and school of Management. Faculty of Engineering and technology offers UG programmes in 6 branches of Engineering and PG programmes such as M.Tech, MBA and MCA and Ph.D. The institution is accredited by ISO 9001:2015. The institute has several MoU's with leading enterprises allowing to bridge the gap between academics and industry.

ABOUT THE DEPARTMENT

Coalition excellence in Teaching and Research has been the trademark of the Department of Mechanical engineering since its inception from 2008. The department is proud of its contribution of delivering industry ready engineers, innovators and business tycopas to the society. With highly self-motivated faculty members who are actively involved in the field of research across all branches of Mechanical engineering such as Design, Manufacturing, Thermal, Production technologies are really the backbone of this department. The Department with all its potential is identified as a research department and research scholars, faculty members are pursuing their Ph.D.

ABOUT THE CONFERENCE

Research in Mechanical engineering has made significant impact in the past and it is progressively marching towards the future. The goal of this international conference is to bring in all the scholars, researchers, faculty from academia, Industry experts from all over the world to discuss and present the advances in the field of Mechanical engineering and to foster an environment conducive to exchanging ideas and information. This conference will also provide an ideal environment to develop new collaborations on the fundamentals, applications, and products of the mentioned fields. This conference will also provide an ideal environment to develop new collaborations on the fundamentals, applications, and products of the mentioned fields. This conference includes invited keynote talks by distinguished experts from industry and academia (across the globe) and number of parallel technical sessions spread over two days.

CONFERENCE THEMES

DESIGN ENGINEERING

- >> New product development
- >> Design of experiments
- >> Modelling and simulation
- >> Advanced materials/Novel materials
- >> Fracture mechanics
- >> Nano technology
- >> Tribology
- >> Optimization techniques

MANUFACTURING

- >> Modern manufacturing
- >> Metal forming
- >> Welding & Casting technology
- >> Industrial engineering
- >> High entropy alloys
- >> Smart materials
- >> Al in manufacturing
- >> Composite materials >> High performance materials

THERMAL ENGINEERING

- >> Heat and fluid flow
- >> Turbulent transport
- >> Two phase/Multiphase flows
- >> Energy harvesting and storage
- >> Solar energy systems
- >> Alternate fuels and energy sources >> E-vehicle/Hybrid vehicle
- >> Computational fluid dynamics
- >> Combustion and emission control
- >> Advancement in automobile

INTELLIGENT SYSTEMS

- >> Robotics
- >> Block chain technologies
- >> Data mining
- >> Artificial neural networks in mechanical engineering
- Design thinking for manufacturing excellence
- → AIML systems

KEYNOTE SPEAKERS

Dr. Edwin Geo Varuvel

Professor, Department of Mechanical Engineering, Faculty of Engineering and Natural Sciences, Istinye University, Istanbul, Turkiye

Prof.Perumal Nithiarasu

Personal Chair, Civil Engineering, Associate Dean of Research. Faculty of Science and Engineering, Swansea University, UK

INTERNATIONAL EXPERT MEMBERS

Professor Perumal Nithiarasu

Personal Chair, Civil Engineering, Associate Dean of Research. Faculty of Science and Engineering, Swansea University, UK

Prof. J. Paulo Davim

Professor, Department of Mechanical Engineering University of Aveiro, Portugal,

Mr. M.Suryanarayanan

Head, Department of Design, WIPAC LTD, London Road, Buckingham, UK.

Dr. Jolius Gimbun

Associate Professor, University Malaysia Pahang

Dr. Abdul Azziz Aladoodi

Professor, Department of Mechanical Engineering Qassim University, Saudi Arabia

Dr. Mohd sapuan bin salit

Professor, HoD, Department of Mechanical Engineering Universiti Putra Malaysia.

Dr. R. Palanivel

Assistant Professor, Department of Mechanical Engineering, College of Engineering, Shagra University, Saudi Arabia.

Dr. N. Rajesh Jesudoss Hynes

Professor, Department of Mechanical Engineering, Opole University of Technology, Poland

NATIONAL EXPERT MEMBERS

Prof.R.Velrai

Vice Chancellor, Anna University, Chennai

Dr S Kanmani Subbu

Associate Professor, Department of Mechanical Engineering Indian Institute of Technology Palakkad.

Dr. B.Raia

HoD, Associate Professor, IIITDM, Kanchipuram

Dr. K.V. Gangadharan

Professor, Department of Mechanical Engineering National Institute of Technology, Karnataka.

Dr. R. B. Anand

Professor, Department of Mechanical Engineering National Institute of Technology, Tiruchirappalli,

Dr.R.Jeyapaul

Professor, Department of Production Engineering National Institute of Technology, Tiruchirappalli.

Dr. P. Asokan

Professor, Department of Production Engineering National Institute of Technology, Tiruchirappalli.

Dr M Joseph Davidson

Professor, Department of Mechanical Engineering National Institute of Technology, Warangal

Dr. Jawahar Paulrai

Assistant Professor, Department of Mechanical Engineering National Institute of Technology, Agartala.

Dr.S. Elangovan

Associate Professor, Production Engineering PSG College of Technology, Coimbatore.

Dr.K.Devakumaran

Deputy Manager, WRI, BHEL, Trichy.

Dr. S. Vedharai

Assistant Professor, Department of Mechanical Engineering National Institute of Technology, Tiruchirappalli.

Dr. S. Ashok Kumar Nallathambi

Assistant Professor, Department of Mechanical Engineering National Institute of Technology, Tiruchirappalli.

Dr. J. Ronald Aseer

Assistant Professor, Department of Mechanical Engineering, National Institute of Technology Puducherry, Karaikal

Dr.Somasundaram. S

Assistant Professor, Department of Mechanical Engineering, National Institute of Technology Puducherry, Karaikal

Dr R Arockia Kumar

Department of Metallurgical & Material Engineering National Institute of Technology Warangal

Dr.K. Annamalai

Professor & Head, Department of Automobile Engineering, Madras Institute of Technology, Chennai

Dr. A.Siddharthan

Associate professor, Department of Production Technology Madras Institute of Technology, Chennai

Dr.M.Loganathan

Professor, Director IC Engines lab, Annamalai University

Dr.V. Gnanamoorthi

Associate Professor, Department of Mechanical Engineering, University College of engineering, Villupuram

Dr. R. Prakash

Associate Professor, Department of Mechanical Engineering. Sri SiyasubramaniyaNadar (SSN) College of Engineering.

Dr. A.K. Lakshminarayanan

Associate Professor, Department of Mechanical Engineering, Sri Sivasubramaniya Nadar (SSN) College of Engineering.

REGISTRATION LINK:

https://forms.gle/t9SJKbX67U6jvG5EA

