

National Institute of Technology Silchar

4th International Conference on Recent Advancements in Mechanical Engineering

ICRAME 2023

03 – 05 February 2023

Department of Mechanical Engineering National Institute of Technology Silchar Silchar – 788010, Assam, India



www.icrame.nits.ac.in



icrame2023@nits.ac.in



ICRAME 2023

The 4th International Conference on Recent Advancements in Mechanical Engineering (ICRAME) 2023 will be held during 03rd to 05th February 2023, at National Institute of Technology Silchar. The Conference aims to bring together experts from academic, scientific and industrial communities to address new challenges, present their latest research findings, ideas, developments and perspective of the future directions in the field of Mechanical Engineering. ICRAME 2023 invites all the researchers to participate in the conference.

NIT Silchar

With a vision to train and transform young professionals into responsible citizens engaging themselves for the betterment of the society, NIT Silchar has come a long way from being a REC to brand- NITS. The Institute aims to produce skilled and trained industry-ready professionals through imparting quality technical education, and it acts as the center of excellence for engineering and scientific research. For information please visit: www.nits.ac.in

Mechanical Engineering Department

The Mechanical Engineering Department is one of the oldest and finest Departments in the region. The workshops of the Department contain highly sophisticated machines presenting a unique and unparalleled quality. Various research & development activities undertaken by the Department put the students on busy schedules enabling them to blend to the modern industry requirements.

Mechanical Design, Fluid Flow, Heat and Mass Transfer, Industrial & Mechanica, Systems, Manufacturing and Production Processes, Supply Chain Management, Tribology and Wear, Surface Engineering, Ergonomics and Human Factors, Renewable Energy, Advanced Energy Sources, Automation, Mechatronics, and Robotics, Automobiles, Biomedical Engineering, CAD/CAM/CIM/CFD, Composites and Functional Materials, Advanced Engineering Materials, etc.

Category	Indian Participants	Foreign Participants
Students	Rs. 3,000/-	USD 150
Faculty/Academia	Rs. 7,000/-	USD 300
Industry/ R&D organizations	Rs. 10,000/-	USD 400

Platinum Sponsor: (Rs. 1.0 lakh and above)

Diamond Sponsor: (Rs. 0.5 Lakhs to 0.9 Lakhs)

Gold Sponsor: (Rs. 0.3 Lakh to 0.4 Lakhs)

Important Dates

Extended Abstract Submission Deadline	10 th Novemb <mark>er 2022</mark>
Full Paper Submission Deadline	25 th November 2022
Notification of Acceptance	20 th December 2022
Full camera ready submission	10 th January 2023
Early Bird Registration	10 th January 2023

ICRAME 2023

Organizing Committee

Patron	Prof. Sivaji Bandyopadhyay	
	Director, NIT Silchar	
	2 (2:10	
Chairman	Prof. Rajat Gupta	
Co-Chairman	Prof. K. M. Pandey, Prof. R. D. Misra,	
Co-Chairman	Prof. P. K. Patowari	
5.	FIOI. F. K. Fatowaii	
Convener	Head, ME Department, NIT Silchar	
Organizing Secretaries	Dr. Agnimitra Biswas, Dr. Sukumar Pati,	
	Dr. Ashish B. Deoghare	
Joint Organizing Secretaries	Dr. Simanchal Kar, Dr. Sushant Negi,	
	Dr. R.N. Gupta	
Technical Program Chair	Dr. S. R. Maity, Dr. P. R Randive,	
	Dr. C. K. Sahoo, Dr. S. Debbarma	
	Dr. Alfa Bisoi	
Publication Chair	Dr. Abhishek Paul, Dr. Yogesh Singh	
	211 / terrier et aut, 211 regestremen.	
Publicity Chair	Dr. S. Nath, Dr. S. Sharma, Dr. P Choudhury,	
	Dr. S. Haldar, Dr. S. Dey, Dr. R.N. Gupta	
Finance Committee	Dr. D. Bhanja, Dr. Biplab Das, Dr. Bipul Das	
Local Organizing Committee	Prof. K. K. Sharma, Mr. D. H. Das,	
	Dr. K. Chakraborty, Dr. Sumit Bhowmik,	
	Dr. L. Roy, Mr. S. K. Pattanayak,	
	Dr. P. D. Roy, Dr. V. Mahesh, Dr. B. Nath,	
	Dr. Sunil Kumar D, Dr. Prosun Mandal, Dr. Burushottam Kumar Singh	
	Dr. Purushottam Kumar Singh, Dr. Santosh Kumar	
	Di. Suntosii Kumai	