



National Institute of Technology Silchar

4<sup>th</sup> 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](http://www.icrame.nits.ac.in)



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## **ICRAME 2023**

The 4<sup>th</sup> International Conference on Recent Advancements in Mechanical Engineering (ICRAME) 2023 will be held during 03<sup>rd</sup> to 05<sup>th</sup> 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](http://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.

# ICRAME 2023

## Conference Themes

Mechanical Design, Fluid Flow, Heat and Mass Transfer, Industrial & Mechanical 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.

## Registration Fees

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

## Sponsorship

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

Full Paper Submission Deadline	15 <sup>th</sup> December 2022
Notification of Acceptance	30 <sup>th</sup> December 2022
Full camera ready submission	10 <sup>th</sup> January 2023
Early Bird Registration	10 <sup>th</sup> January 2023

# ICRAME 2023

## Organizing Committee

### Patron

Prof. Rajat Gupta  
Director, NIT Silchar

<b>Chairman</b>	Prof. K. M. Pandey Professor, ME Department, NIT Silchar	<b>Co-Chairman</b>	Prof. R. D. Misra, Prof. P. K. Patowari ME Department, NIT Silchar
<b>Convener</b>	Dr. Sukumar Pati HOD, ME Department, NIT Silchar	<b>Organizing Secretaries</b>	Dr. Agnimitra Biswas, Dr. Sumit Bhowmik Dr. Ashish B. Deoghare
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### Student Coordinators

Avinash Kumar	Rutupurna Choudhury	Parthasarathi Deb	Sudhir Kumar
Aishik Dinda	Raghavendra Singh	Prayag Raj Chanda	Divyansh Singh
Rituparna Das	Sunayna Saikia	Sahastranshu Komalagam Kumar	Anindya Nath
Tina Sharma	Manoj Shukla	Biswajit Mazumder	Shafiu Alom Prodhani