



## 6<sup>th</sup> International and 21<sup>st</sup> National Conference on Machines and Mechanisms

7<sup>th</sup> -9<sup>th</sup> Dec 2023, NIT Raipur, Chhattisgarh, India.



**Department of Mechanical Engineering, NIT Raipur** under the aegis of **Association for Machines and Mechanisms (AMM)** is organizing the **iNaCoMM-2023** at **NIT Raipur**. The conference aims at bringing together researchers, industry experts and students working in various aspects of design and analysis of machines and mechanisms. The conference also includes a **Students' Mechanism Design Contest (SMDC)** where the students from India participate and produce the mechanisms developed by them in the event.

### CONFERENCE TRACKS

#### Track-1 (Machines and Mechanisms)

Education in mechanism and machine science, mechanisms for space, energy harvesting, medical health care, societal applications, micro/nano-mechanisms, compliant mechanisms, tensegrity structures.

#### Track-2 (Vibration and Control)

Mechanical vibration and control, Rotor dynamics, Acoustics, Vehicle dynamics, Fault diagnosis and health monitoring, multi-body dynamics

#### Track-3 (Materials and Machine Design)

Power transmission systems design, Computer aided design and Computer aided geometric design, Wear and tribology in design, Biomechanics and Biomedical engineering, Advanced materials, Smart structures, MEMS and NEMS, Textile engineering.

#### Track-4 (Robotics)

Robotics and automation, Human centric robotics, soft robotics, Reconfigurable manipulators, Parallel and serial manipulators, Humanoid robots, Industrial robotics, Autonomous robotic vehicles, Automated guided vehicles, Unmanned air vehicles

**The topics for submissions are not limited to the above-mentioned areas. Articles other than above under the main theme of Machines and Mechanisms are also invited for submission.**

### PUBLICATION



Springer

All accepted papers will be published as 'Lecture Notes in Mechanical Engineering' by Springer under the volume titled "Recent Advanced in Machines, Mechanisms and Design" Select Proceedings of iNaCoMM-2023

### CALL FOR PAPERS

Authors are invited to submit two-page extended abstract following the abstract submission link at the conference website on or before **15<sup>th</sup> May 2023**.

**Abstract submission link:** <http://surl.li/fqpya>

### REGISTRATION

**EARLY BIRD\*, DATE: SEPTEMBER 30<sup>TH</sup>, 2023**

Delegates	Indian Nationals (INR)	Foreign Nationals (USD)
Faculty members from academia	6000/-	300
Delegate from industry	8000/-	500
Students and research scholars	3000/-	150

**IFTOMM/AMM members have discount of Rs 1000/- for Indian and 50 USD for Foreign nationals**

\*Registration fee includes conference souvenir, snacks, lunch and conference dinner

### IMPORTANT DATES

Abstract submission begin	1 <sup>st</sup> April 2023
Abstract submission end	15 <sup>th</sup> May 2023
Notification of acceptance	25 <sup>th</sup> May 2023
Full length article submission	20 <sup>th</sup> July 2023
Notification of acceptance	15 <sup>th</sup> August 2023
Revised article submission	31 <sup>st</sup> August 2023
Final acceptance	15 <sup>th</sup> September 2023
Late date for registration	15 <sup>th</sup> October 2023
Camera ready article submission	31 <sup>st</sup> October 2023

**PATRON: Director, NIT Raipur**

### CONFERENCE ADVISORY COMMITTEE

Dr. A K Bandaru, University of Limerick, Ireland  
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 Vishwa Vidyapeetham

### STUDENT MECHANISM DESIGN CONTEST (SMDC)

The objective of the competition is to encourage the students to apply their theoretical knowledge in the domain of mechanisms and machines to solve problems relevant to the society. Participation is restricted to individuals or groups of students (up to three members) registered as full-time students or research scholars or project assistants in recognized institutes.

**\*\*For further details please visit the submission guidelines section of the conference website**

### CONTACT AND MAILING ADDRESS

Dr. Shubhashis Sanyal Conference Chair Mob. No: 9826425326	Dr. S Bhowmick Mob. No.: 9575955040	Dr. R Suresh Kumar Mob. No.: 9111244643	Dr. N V Swamy Naidu Mob. No.: 9963390988
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For more information on **iNaCoMM-2023** Please visit the webpage <https://inacomm2023.nitrr.ac.in>

