

ABOUT NIT ROURKELA

National Institute of Technology Rourkela is an institute of national importance created under the Parliament Act. NIT Rourkela provides quality education in a diverse and multi-cultural environment. The institute's mission is to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for society and be a preferred destination for undergraduate and graduate studies. It offers Ph.D. and M. Tech. by research programmes in 21 engineering fields. The institute's research centers are involved in consultancy and research activities for several bodies such as DST, DAE, CSIR, DRDO, BARC, ISRO, and private industries. In the National Institutional Ranking Framework (NIRF) 2024, NIT Rourkela is ranked 19th among engineering colleges in India. It is ranked between 1001 and 1200 globally listed by Times Higher Education World University Rankings 2023.

MECHANICAL ENGINEERING DEPARTMENT

The Mechanical Engineering Department at NIT Rourkela is renowned for its research across various domains such as mechanical vibration, robotics, CAD/CAM, precision engineering, metal forming, manufacturing, computational fluid dynamics (CFD), and industrial refrigeration and cryogenics. The department's academic curriculum integrates core mechanical engineering principles with the specialized research expertise of its faculty. With over a hundred research scholars actively engaged in diverse projects, the department fosters a dynamic research environment. Faculty members are involved in numerous Research and Development (R&D) initiatives, supported by government funding agencies and industry collaborations.



ABOUT THE CONTEST

The National Contest on Innovative Projects in Mechanical Engineering Sciences [NCIPMES-2025] is aimed at providing a common platform for young and dynamic research scholars, postgraduate and undergraduate students to showcase innovative projects/processes they developed in the final year of their course. This will help them build their confidence in transforming their product or process into reality and venturing into business.

CONTESTANT CATEGORY

The following categories are considered in the contest:

- (A) Research scholar (Ph.D.)
- (B) Final year postgraduate and
- (C) Final year undergraduate students

ELIGIBILITY

- Any number of teams from a university, institute or college can register to participate in each category of the contest.
- UG, PG and research scholars who are currently doing their final year project work in the department of aeronautical/aerospace engineering, automobile engineering, civil, chemical, materials science, mechanical, and mechatronics engineering are eligible to participate in the contest.
- Students/research scholars from other engineering branches can also participate in the contest. But their project must be related to the mechanical engineering sciences.
- Research scholars who have completed the synopsis seminar/defence seminar are only eligible to apply.
- All registered participants will be allowed to display their projects in physical mode only.
- In each category, cash prizes will be awarded to the winner and runner. The winner will receive a cash prize of ₹20,000/-, while each runner will be awarded ₹10,000/-. Certificates will be provided to all participants.

NATIONAL CONTEST ON INNOVATIVE PROJECTS IN MECHANICAL ENGINEERING SCIENCES [NCIPMES-2025]

17-18 MAY 2025

PATRON

Prof. K. Umamaheshwar Rao
Director
NIT Rourkela

CHAIRMAN

Prof. S. K. Patel
Head
Department of Mechanical Engineering



CHIEF COORDINATOR

Prof. S. Murugan

COORDINATORS

Prof. Kaustav Choundhury **Prof. P.S. Balaji**
Prof. Srinivas Behera **Prof. Gaurav Kumar**
Prof. Ashirbad Jana
Department of Mechanical Engineering

ORGANIZED BY

Department of Mechanical Engineering
NIT Rourkela, Odisha - 769008

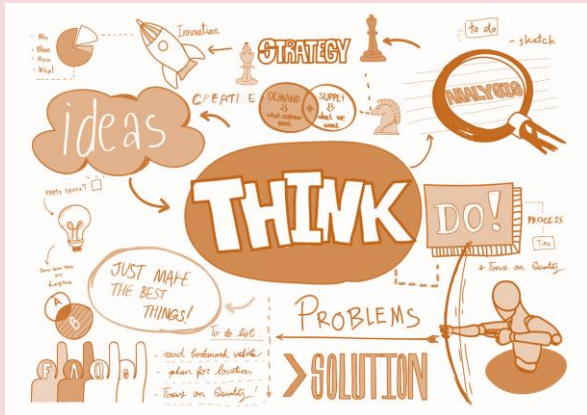
REGISTRATION PROCESS

A Google form is given below to register in the event.
<https://forms.gle/Qa7cjEWTvv32hcn7>



Upload the abstract and photo/video clipping of the projects along with duly signed (concerned supervisor/project guide/HoD/ head of the institute) registration form in the above Google form.

Send the soft copy of the online submitted Google form to the mail ID: ncipmes2025@gmail.com.



REGISTRATION FEE

Registration fee per contestant in a team: Rs. 1180 /-
(Rs. 1000 + 18% GST).

PAYMENT

Registration fee can be paid online (NEFT/RTGS/IMPS) using the following information:

Name: CONTINUING EDUCATION NIT ROURKELA
A/C No.: 10138951784
Bank: State Bank of India
Branch: NIT Campus Rourkela
IFSC Code: SBIN0002109.

Merchant name:

CONTINUING EDUCATION NIT ROURKELA

UPI ID: 01389517841@sbi

IMPORTANT DATES

Description	Date
Last date for receipt of application	31-03-2025
Notification about selection	15-04-2025
Confirmation by participants	25-04-2025
Dates of contest	17-05-2025 & 18-05-2025



HOW TO REACH ROURKELA

- Rourkela is well connected by bus transportation to cities like Ranchi, Raipur, Sambalpur, Bhubaneswar etc.
- Rourkela railway station is situated 7 km away from the NIT campus. Autos/taxis are available round the clock there. Local transport facilities are also available from the nearby private bus terminus. Official guests are normally received at the railway station. The Howrah-Mumbai line and Ranchi-Bhubaneswar line pass through this city.
- Direct flights from Rourkela to Bhubaneswar and Kolkata, and direct flights from Jharsuguda (30 km from Rourkela) to Delhi, Bengaluru and Bhubaneswar are available.

CONTACT

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NATIONAL CONTEST ON INNOVATIVE PROJECTS IN MECHANICAL ENGINEERING SCIENCES [NCIPMES-2025]

17-18 May 2025

REGISTRATION FORM

Name of the team leader:

Email ID of the team leader:

Mobile of the team leader:

Number of contestants in the team:

Department:

Project/Thesis Title:.....

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.....

Institute/University:

.....

Address:

.....

Supervisor/Guide: Mobile:

Email:

Accommodation required: Yes / No

If yes, Number of guests:

Expected day of arrival:

Departure date:

Signature of contestant:

Date:

Signature

Head of the Department/ Institution with Seal