



यांत्रिकी अभियांत्रिकी विभाग
DEPARTMENT OF MECHANICAL ENGINEERING
राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर
NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
राष्ट्रीय महत्व का एक संस्थान
(An Institute of National Importance)
शिक्षा मंत्रालय के अधीन, भारत सरकार
Under Ministry of Education, Govt. of India



About Institute:

Starting with two branches in 1956 the institute has grown in tandem with the major surrounding industries - the Bhilai Steel Plant, SECL, BALCO and NTPC, Korba - and presently offers 12 undergraduate, 11 Postgraduate (including M.C.A and M.Tech. in Applied Geology) and 18 Ph.D programs. The institute offers facilities for Ph.D. and also under takes R & D activities, provides testing, consultancy and other extension services including continuing education to the industry through the Industry Institute Interaction cell and the placement of the student through the Department of Training & Placement. The students have brought laurels to the institute and very well placed in Government organisation, Public and Private Sectors, Multinational Companies, Universities, Research Organisation in India and Abroad.

About Department:

The Department of Mechanical Engineering is one of the largest department of the institute.

Courses Offered

B.Tech.

M.Tech.

Ph.D.

Postgraduate (M.Tech.) Programs in Thermal Engineering, Machine Design, Industrial Engineering and Management streams.

M.Tech Sponsored Program: Intake of 10 students for sponsored M.Tech. program from Industries.

All courses are accredited from National Board of Accreditation (NBA).

Testing and Consultancy Services

Mechanical Engineering Department in-houses many modernized laboratories. These are facilitated with various specialized and high-end equipment. Equipment are being opened for providing different testing and consultancy services to other academic institutions / centers, research labs and industry sector etc. Equipment available in the department are:

- Universal Testing Machine 10 kN
- Optical Microscope
- Modular Compact Rheometer (MCR 102)
- Electric-discharge machine (Die-sinking)
- Surface Roughness Tester
- Vacuum Oven
- Hot Air Oven
- MIG, TIG and SAW based welding machine & equipment
- KD2 Pro Thermal Properties Analyzer
- Universal Testing Machine 200 kN
- 3D Scanner
- Micro milling and Engraving Machine (Express mill Ex-3030 Servo)
- 3-Axis Lathe Tool Dynamometer
- Vacuum assisted resin infusion mould (VARIM)
- Environmental chamber

Contact Us

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Scan to know more about the department



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