



## DEPARTMENT OF MECHANICAL ENGINEERING

**Invites applications for MTech-PhD  
dual degree and PhD program**  
(session starting in July 2024) in the domains of  
Advanced Manufacturing, Thermofluids, and  
Design



### • Department's Vision

Our vision is to advance the research and innovation to address the challenges of socio-economic and human resource development. The Department of Mechanical Engineering is committed to conduct cutting-edge research by highly-qualified, expert Faculty Members in the pursuit of excellence. The department is currently inviting applications for **MTech-PhD dual degree**, and **PhD** in Mechanical Engineering under three major domains of **Advanced Manufacturing, Thermofluids, and Design**.

**Research Areas:** Smart manufacturing, Additive manufacturing, Ultra-precision finishing, Weld cracking, Artificial Intelligence and machine learning, Smart Healthcare, Nano-sensors, Multi-phase flows, Fluid-structure interactions, High speed flows, Hydrogen energy, Gas turbines, Vibration and acoustics, Robotics and automation, Computational solid and fracture mechanics.



## Application deadline

### 20 April 2024

### How to apply



Applicants are requested to scan the QR code to read the advertisement, the eligibility criteria and instructions to apply online.

### Program Highlights

- Full time PhD, & MTech-PhD dual degree scholars are eligible for monthly fellowship, which can be increased by 40,000 depending upon the availability of sponsored projects with the supervisor and the student's performance.
- Opportunity to apply for prestigious Prime Minister Fellowship.
- Financial support up to 2 Lakhs for attending international conferences/ workshops abroad.
- Interdisciplinary research opportunities to work with industries, government organizations and foreign universities.
- State-of-the-Art research facilities such as research labs, workshop, high performance computational facility, and central library, incubation center.
- Vibrant campus life with a range of cultural, sports, and social activities.

### Contact

In case of any query, candidates may contact:

**Department of Mechanical Engineering, IIT Jodhpur,**  
N.H. 62, Nagaur Road, Karwar, Jodhpur-342030.  
Phone: (0291) 2801502, E-mail: office\_me@iitj.ac.in

