

Join
Ph.D. @

Mechanical Engineering IIT Kanpur

165

Ph.D. graduated*

48 Faculty

60+

Patents*

90%

Placed at
National/International
institutes

100+

Sponsored research
projects*

5000+

Citations in 2021

1000+

Journal articles
published*

150+

Crore

Sponsored research and
consultancy projects*

*since 2015

Direct Ph.D. admission

Final year B.Tech./B.E. students from NITs and other Centrally Funded Technical Institutions with CGPA of at least 7.5 (or marks > 75%) are eligible for direct PhD program without requiring a GATE score.

Regular Ph.D. admission

Notification for regular Ph.D. admission for candidates having (or pursuing) M.Tech. degree is published in March and October every year. For details, please visit ME, IITK website.

Major Research Areas

Fluid and Thermal Sciences

- Computational fluid dynamics and heat transfer
- Conventional and alternate energy conversion systems
- Microscale transport phenomena
- Turbulent and geophysical fluid flows
- Experimental techniques

Robotics and Automation

- Intelligent gripper design
- Robot-child interaction
- Humanoid and Bio-robotics
- Micro-sensors and actuators
- Exoskeleton and neuro-rehabilitation

Solid Mechanics and Design

- Multi-scale modeling
- Non-linear mechanics
- Vibrations and acoustics
- CAD and Optimization
- Smart materials
- Tribology

Manufacturing Science

- Non-conventional manufacturing
- Nano and micro-fabrication
- Machine tool dynamics and control
- Additive manufacturing
- Directional solidification and welding

Why pursue Ph.D. @ME, IITK?

- Learn from exceptional faculty recruited from the best institutions around the world
- Diverse courses covering depth and breadth
- State-of-the-art research laboratories
- Placement in top national/international institutes
- Interdisciplinary approach
- International research collaboration
- Travel support for attending international/national conferences

For application, please fill the Google form by scanning the QR code at the right bottom corner).

ME, IITK website



www.iitk.ac.in/me/

PhD admission form



<https://forms.gle/cdQ8aakvrrwNAfde6>

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