

# Admission open



National Institute of  
Technology Calicut

## Ph.D. Program in Manufacturing and Materials Engineering

Dept. of Mechanical Engineering, NIT Calicut

**APPLY NOW**

Applications are invited from motivated and research-driven candidates for admission to Ph.D. program under various schemes in the Manufacturing and Materials Engineering specialisations, including interdisciplinary research offered at the department the Dept. of Mechanical Engineering, NIT Calicut.



### Why Join us?

- Foster interdisciplinary research addressing societal challenges
- Qualified faculties enriched in frontline cutting-edge research
- State-of-the-art computational and laboratory testing facilities
- Opportunities for MoE fellowship and contingency grand
- Industry-Academia, National and International Collaborations
- Placement and Post-doc opportunities
- Support for innovation patenting and incubation of start-ups
- NIRF Ranking **8th** in innovation and **21st** in Engineering



### Major Research Areas

Micro Machining | Modern Machining | Metrology | CAD/CAM | Additive Manufacturing/3D Printing | Digital thread and Industry 4.0 | Smart Manufacturing | Automation of Manufacturing Functions | Thermomechanical Processing | 3D Printed Medical Devices | Product Design & Development | Materials joining | Surface Engineering | Composite Materials | Ferrous and Non-Ferrous Metallurgy | Nano and Bulk Materials Processing | Ceramics, Functional & Biomedical Materials | Alloy Design

Check our research facilities [HERE](#)



### Schemes available

- Full-time with institute fellowship for Post Graduates in relevant discipline
- Direct Ph.D. scheme after B.E/B. Tech with full-time institute fellowship
- Full time self-sponsored
- Full-time sponsored by industry or other educational institutions
- External Part-time from industry or other educational institutions



**GATE**  
Qualification  
not mandatory

Our faculty members and their  
area of research

[HERE](#)

**Last Date: 1<sup>st</sup> April 2026**

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