



IIT PALAKKAD

ഭാരതീയ സാങ്കേതികവിദ്യാ സ്ഥാപനം പാലക്കാട്  
भारतीय प्रौद्योगिकी संस्थान पालक्काड  
Indian Institute of Technology Palakkad  
Nurturing Minds For a Better World



**ADVERTISEMENT FOR  
INSTITUTE POSTDOCTORAL FELLOWSHIP  
AT IIT PALAKKAD**





Main Entrance to the Nila campus

## THE INSTITUTE

Established in 2015, the Indian Institute of Technology, Palakkad is dedicated to creating an environment that enables students and faculty to engage in the pursuit of knowledge, to dream, think, and innovate thereby becoming change agents for a better world. Having begun with just 120 students in July 2015, IIT Palakkad has since grown into an establishment that is about a thousand students strong and with the best manpower in key positions.



The Nila campus

The Institute recognises collective growth, in collaboration with industry and other academic institutions, as the need of the time and emphasises blue-sky research and directed research as two essential pillars of technology development. The Institute embraces a vision to be a leader in cross-disciplinary inquiries, and to contribute to the potential that India's demographic dividend represents for the country and the world, which is embodied in the motto of the institute 'Nurturing minds for a better world'.



Saraswati Block, Sahyadri Campus

Located in the historic and vibrant region of Palakkad, known as the granary of Kerala, our institute is perfectly situated as the gateway to the state from the East, Palakkad Gap in the Western Ghats. Surrounded by rich traditions, significant historical events, and its sylvan surroundings, especially the Silent Valley rain forests and ubiquitous palmyra trees, Palakkad provides an inspiring backdrop for academic pursuits.

IIT Palakkad completed its transition to the permanent campus, Nila/ Sahyadri sector

located at the scenic foothills of the Sahyadri mountain range in 2023.

Located just 14 kilometers from the Palakkad Railway Junction and approximately 60 kilometers from the Coimbatore International Airport, our institute offers excellent connectivity for students and visitors alike. IIT Palakkad is entering a new phase of expansion and creativity, thanks to its highly skilled professors, accomplished students in academics and extracurriculars, dedicated staff, and advanced research facilities.

# **ADVERTISEMENT FOR INSTITUTE POSTDOCTORAL FELLOWSHIP AT IIT PALAKKAD**

Advt. No. IITPKD/ACAD/PDF/2025/01

13th August 2025

The Institute invites applications for Institute Postdoctoral Positions in the following departments

## **BIOLOGICAL SCIENCES AND ENGINEERING**

Area of Research: Immunoinformatics, Bioinformatics, Drug discovery

## **DATA SCIENCE**

Area of Research: Natural Language Processing, Statistical Inference and Learning, Distributed Storage and Learning, Quantum Error-Correction, Machine Learning, Deep Learning, Computer Vision

## **MATHEMATICS**

Area of Research: Low-Dimensional Topology, Commutative Algebra, Functional Analysis, Mathematical Statistics and Probability

## **MECHANICAL ENGINEERING**

Area of Research: Hydrogen generation through pyrolysis and fuel reforming, Contact fatigue and fretting, Spray characterization, CFD for sprays, Computational Mechanics for Manufacturing Digital Twins, Thermal management of EV battery packs and electronics, Contact heat transfer, Acoustic metamaterials, Numerical simulations and theoretical modeling of the flow of granular materials, Composites and Architected Materials, Additive Manufacturing, Welding, Near net shape manufacturing, Post-processing of Additive Manufacturing components, Diamond Turning/Ultra-Precision Machining.

## **PHYSICS**

Area of Research: All areas in the Department

## ELIGIBILITY

- Holders of Doctoral Degree from any recognized Institute/ University are eligible to apply. Preferable age: less than 35 years at the time of applying and relaxable up to 40. There shall be an age relaxation of 5 years for women / transgender / EWS / OBC-NCL / SC / ST / PWD candidates.
- PhD scholars who have submitted their thesis also are eligible to apply. However, they have to submit the provisional / original degree certificate within 6 months from the date of appointment as an Institute Postdoctoral Fellow. If it is not submitted within the time limit, the appointment will stand canceled or a decision will be taken in consultation with the thesis processing authority.
- The candidate will have to identify a mentor at IIT Palakkad, get in contact with the mentor, and get his/her consent. In case the candidate would like to propose a collaborative project with more than one mentor from the Institute, the candidate should get mutual consent from all the mentors. List of Institute faculty is available [here](#).

## DURATION OF THE FELLOWSHIP

The duration of the fellowship will be initially for a period of 2 years, extendable for a further period of one more year based on the progress of the postdoctoral fellow.

## FELLOWSHIP AMOUNT

The postdoctoral fellows are eligible for the following fellowship:

For candidates who have submitted thesis	Rs. 58,000/- per month
PhD Degree + 1 year of post PhD experience	Rs. 61,000/- per month
PhD Degree + 2 or more years of post-PhD experience	Rs. 67,000/- per month

A maximum non lapsable contingency grant of Rs. 1,00,000/- per year will be provided to the postdoctoral fellow for research purposes.



## HOW TO APPLY

Candidates should apply online using the Post Doc application portal:  
<https://resap.iitpkd.ac.in/>

Applicants should identify a faculty member (mentor) with whom he/she would like to be associated. The application should be submitted ONLY AFTER obtaining consent/s from the potential mentor/s. A consent letter/ consent email will need to be uploaded while filling the application.

## APPLICATION DEADLINE

Last date to submit applications is 18th September 2025.

## GUIDELINES FOR INSTITUTE POSTDOCTORAL FELLOWSHIP

Please see the guidelines for Institute Postdoctoral Fellowships in the link below for more details.

*[Guidelines for Institute Postdoctoral Fellowship](#)*

## QUERIES

For any queries, please send an email to [pdfapp@iitpkd.ac.in](mailto:pdfapp@iitpkd.ac.in)

