



THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

Advertisement for Junior Research Fellow (JRF) Position

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
PATIALA, PUNJAB-147004

Applications are invited from highly motivated and eligible candidates for **one (01) Junior Research Fellow (JRF) position** under the mentorship of **Dr. Sourav Marik**, Associate Professor, Dept. of Physics and Materials Science, TIET, and **Prof. Noam Eliaz**, Dean, Faculty of Engineering, Tel Aviv University, Israel.

Project Title: *“Additive Manufacturing of High-Entropy Alloy Superconductors: Towards Mechanically Robust Next Generation Superconductors for Extreme Environments”*

Funding Agency: Centre of Excellence in Advanced Manufacturing, TIET.

This multidisciplinary project will be carried out in **collaboration with Tel Aviv University, Israel.**

Position Details

- Post: Junior Research Fellow (JRF), Number of Positions: 01, Duration: 02 Years
 - Emoluments: ₹45000
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Job Responsibilities

- 1) Conduct research in the field of superconductivity and quantum materials
 - 2) Design and synthesis of High-Entropy Superconductors
 - 3) Measurement of magnetic and transport properties at low temperatures and under high magnetic fields
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Essential Qualifications

- M.Sc. in Physics, Materials Science, or related disciplines with a minimum of 60% marks or 7.0 CGPA.
 - Candidate must have qualified GATE/NET
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How to Apply

Interested candidates should submit their detailed curriculum vitae with self-attested photocopies of all mark sheets, certificates, and testimonials as a single pdf.

Email: Dr. Sourav Marik (Principal Investigator): soumarik@thapar.edu

The last date to receive the applications is 15th June 2026. The shortlisted candidate will be informed about the interview date by email.