

Advertisement for Post-Doctorate Fellow Position

Applications are invited from highly motivated and eligible candidates for **Post-Doctorate Fellow position** in the **TIET-TAU Centre of Excellence in Advanced Manufacturing (CoE-AM)** sponsored project, titled “*Experimental and Computational Study on the Tribo-Mechanical Performance of Defect-Engineered AM-Fabricated FGMs for Extreme Environments*”. This multidisciplinary project will be carried out in **collaboration with the University of Southampton, UK**.

Details of the position:

Position	Number of Position	Essential Qualifications	Emoluments
Post-Doctorate Fellow (PDF)	01	PhD in Mechanical Engineering, Material Engineering, or any other relevant discipline from a recognized university/institute.	₹60000/- p.m.

Desirable skills and knowledge: Candidates with demonstrated research experience in additive manufacturing, tribology, computational modelling, materials characterization, or allied fields will be preferred.

Tenure of the appointment: Appointment shall be made on contract basis, *initially till 31/05/2027*, which may be extended further *till 31/05/2028*, depending on the satisfactory performance.

Job Responsibilities: The appointment is for a time bound project and the candidate is essentially required to work for successful execution of the project objectives and completion of the project.

The selected candidate will

1. Perform the testing/characterization of FGMs, fabricated via DED.
2. Develop computational/predictive models to investigate and optimize wear evolution and tribo-mechanical performance of defect-engineered FGM.

How to Apply:

Interested candidates should submit their detailed curriculum vitae with self-attested photocopies of all mark sheets, professional and academic certificates, and other testimonials as a single pdf to hiralal.bhowmick@thapar.edu.

- The subject of email should be “*Application for the position of PostDoc in CoE-AM project*”
- In case of additional query related to above project, kindly email to the PI of the project **Dr. Hiralal Bhowmick** (hiralal.bhowmick@thapar.edu).

The last date to receive the applications is 5th August 2026. The shortlisted candidate will be notified via email. The interview shall be conducted in online mode, preferably on or before 10th August 2026.

NOTE:

- (1) The selected candidate is required to join the position at the earliest, preferably with immediate effect.
- (2) Incomplete applications shall be rejected.
- (3) The applicant will be responsible for the authenticity of information, other documents and photograph submitted.
- (4) Mere possessing the prescribed qualification does not ensure that the candidate would be called for interview. The candidates will be shortlisted on the basis of merit and need of the project.
- (5) Applicants in employment in government organization are required to submit a “No Objection Certificate” from the employer at the time of interview.
- (6) The position is purely temporary and will be governed by the administrative rules / service conditions of TIET, Patiala.

PI & Co-PIs of the project:

Dr. Hiralal Bhowmick
PI & Professor,
MED, TIET

Dr. Tanmoy Mukhopadhyay
Co-PI & Senior Lecturer (B),
University of Southampton, UK

Dr. Vineet Srivastava
Co-PI & Associate Professor,
MED, TIET

Dr. Bhaskar Mohanty
Co-PI & Professor,
DPMS, TIET