

**MECHANICAL ENGINEERING DEPARTMENT
THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY
PATIALA, PUNJAB-147004, INDIA**

17th June 2026

Ref: HLB/ANRF-1241/MP/adv-1

Advertisement for Project Associate-I Position

Applications are invited from highly motivated and eligible candidates for **Project Associate-I position** in the **Anusandhan National Research Foundation (ANRF)** funded project under the *Advanced Research Grant (ARG)* scheme.

Project Details:

Project Title	<i>Integrated Tribological and Thermo-Structural Analysis of Advanced Thermoplastic Composites for Aircraft Wing Applications</i>
Sponsoring Agency	Anusandhan National Research Foundation (ANRF), Govt. of India
Position	Project Associate-I
Vacancy	01
Duration	Initial appointment is for 02 years
Principal Investigator (PI)	Dr. Hiralal Bhowmick, Associate Professor, Department of Mechanical Engineering (DME), Thapar Institute of Engineering & Technology (TIET), Patiala
Co-PIs	Dr. Bikramjit Sharma, Associate Professor, DME, TIET, Patiala Dr. Sayan Sadhu, Assistant Professor, DME, TIET, Patiala

Other Details:

Essential qualifications	<ul style="list-style-type: none"> B.E./B.Tech/M.E/M.Tech. in Mechanical/Design/Metallurgy/Polymer/Manufacturing/Aerospace Engineering or related discipline with at least 60% in aggregate or equivalent C.G.P.A. Applicants having a valid GATE/NET score will be preferred.
Desirable skills / qualifications	<ul style="list-style-type: none"> Candidates having exposure to polymer / composite materials, tribology, additive manufacturing, and experience in polymer composite fabrication/testing will be <i>preferred</i>. Proficiency in simulation tools (FEA/CFD), and exposure to high-end experimental characterization tools will be considered an added advantage.
Fellowship	<ul style="list-style-type: none"> ₹37000/- + HRA p.m. for GATE/NET qualified candidates ₹30000/- + HRA p.m. for Non-GATE/NET candidates
Job Responsibilities	<p>The candidate is essentially required to work for successful execution of the project objectives and completion of the project. The selected candidate will</p> <ul style="list-style-type: none"> Fabricate and characterize advanced thermoplastic composite materials and structures. Perform experimental and numerical investigation on the structural-thermal-tribological performance of the developed composite system.

	<ul style="list-style-type: none"> • Explore and optimize the manufacturing route for the target multifunctional composite system. • Contribute to technical reports, project documentation, and research publications.
Nature of the appointment & opportunity	<ul style="list-style-type: none"> • The assignment is purely temporary in nature, and is co-terminus with the project. • Upon satisfactory performance during initial 02 years, the selected candidate <i>may be considered for another 02 years</i> as Project Associate-II. • The selected candidate may register for full-time PhD program at TIET, subjected to the fulfillment of the admission norms of the institute.
How to Apply	<p>Interested candidates should fill the Google Form (https://forms.gle/LX3TyVDGFV9LCC93A) & submit their detailed curriculum vitae with self-attested photocopies of all mark sheets, certificates, GATE/NET score card, and other testimonials as a single pdf.</p> <p>In case of any query related to above project, kindly email to the PI of the project at hiralal.bhowmick@thapar.edu. The subject of email should be “<i>Additional information related to the position of Project Associate in ANRF-ARG project</i>”</p>
Last Date of Application	28th June 2026

NOTE:

- (1) **The shortlisted candidate will be informed about the interview date by email. The interview shall be conducted in online mode.**
- (2) The applicant will be responsible for the authenticity of information, other documents and photograph submitted.
- (3) Mere possession of 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.
- (4) Applicants in employment in government organization are required to submit a “No Objection Certificate” from the employer at the time of interview.
- (5) No TA/DA will be provided for joining the position, if selected.
- (6) The position is purely temporary and will be governed by the funding agency rules / service conditions of TIET, Patiala.

Dr. Hiralal Bhowmick (PI)
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