



INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR
Research & Development Office

ADVERTISEMENT NO. CON/70186/Adv0184 DATED 27.04.2026

Applications are invited for a temporary position of Project Associate I at IIT Gandhinagar. The details are as below:

Name of PI	Soumyadip Sett	Department	Mechanical
Project title	Development of Bioinspired Non-PFAS Hydrophobic Coatings for Sustainable Cooling and Thermal Management Applications.		
Designation	Project Associate-I		
Number of positions	01		
Application Link	http://recruitment.iitgn.ac.in/projectstaff/		
Last date of application submission	12 th May, 2026		
Consolidated Monthly Remuneration	Rs. 45,000 consolidated		
Duration of appointment	6 months		
Eligibility Norms ¹	<input checked="" type="checkbox"/> Institute norms	<input type="checkbox"/> Funding Agency norms	
Essential Qualification/Experience as per the norms ¹	B.Tech/B.E. in Chemical/Materials/Bio/Mechanical Engineering or related fields, or M.Sc. in Physics/Chemistry/Biology or related fields. The percentage/grade points with respect to the academic qualifications will be a minimum of 60% or equivalent grade from Graduation onwards and 55% or equivalent grade in class 10 th and 12 th .		
Desirable Qualification/Experience	<ul style="list-style-type: none">• Strong foundation in Chemistry, Surface Science, Polymer Science, or Bioengineering.• Experience in materials characterization techniques (SEM, XRD, FTIR, contact angle, profilometry, thermal analysis, etc.).• Skills in experimental design and data analysis.• Proven track record of scientific writing – journal articles, conference papers, research reports – preferably in the fields of nanomaterials, surface engineering, or thermal sciences.		
Age Limit (If applicable)	28 years as on last date of submitting application		
Job Description	<ul style="list-style-type: none">• Develop bioinspired non-PFAS hydrophobic coatings for sustainable cooling and thermal management applications.• Design, synthesize, and optimize functional coating formulations using environmentally friendly materials and scalable fabrication approaches.• Perform surface fabrication and coating deposition using methods such as spray coating, dip coating, casting, or related techniques.• Evaluate coating performance for water repellency, condensation, frost delay, anti-icing, durability, and thermal management applications.• Ability to effectively communicate and collaborate with researchers, industry partners, and other stakeholders.		