INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR
RESEARCH AND DEVELOPMENT OFFICE

ADVERTISEMENT NO. OTH/13502/Advt0164 DATED 07.04.2026

Applications are invited for a temporary position of Post Doctoral Fellow at IIT Gandhinagar. The details are as below:

Name of PI	Dr. Pratyush Dayal	Department	Chemical Engineering
Project title	Applications of Machine Learning in Engineering (AMLE) - Manpower support		
Designation	Post Doctoral Fellow		
Number of positions	01		
Application Link	http://recruitment.iitgn.ac.in/projectstaff/		
Last date of application submission	20th April 2026		
Consolidated Monthly Remuneration	Rs. 72,000/- per month		
House Rent Allowance per month (If applicable)	NA		
Age Limit	33 years (max) on the last date of application submission		
Duration of appointment	01 Year (Extendable for second year based on performance review)		
Eligibility Norms	☒ Institute norms	☐ Funding Agency norms	
Essential Qualification/Experience as per the norms	• The candidate should have a good academic record throughout and 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 10th and 12th. • PhD or equivalent with a background in Chemical Engineering.		
Job Description	• Develop computational models to investigate phase behavior and mechanical deformation in polymer blends under external stimuli. • Integrate machine learning approaches to accelerate simulations and develop predictive models for structure–property relationships. • Simulate coupled phase separation and mechanical response, incorporating data-driven and neural network–based frameworks. • Apply interdisciplinary expertise in polymer science, solid mechanics, and machine learning to design and guide research strategies. • Model light driven polymerization kinetics and deformation in soft materials. • Contribute to code development, optimization, and documentation for scalable and efficient computational workflows.		

Selection Process	• Eligible candidates are shortlisted based on the submitted online application and will be selected based on the telephonic interview. • IITGN reserves all the right not to call an applicant for an interview, without assigning any reason. • The decision of the selection committee formed by IITGN is final and binding to all. No queries related to the same shall be entertained. • Fulfillment of "Minimum Qualifications" does not entail a call for an interview. The applications received in response to the advertisement shall be scrutinized and only candidates shortlisted from valid applicants, based on better qualifications and quality of relevant experience, shall be called for interview.
General Conditions & Instructions	• All qualifications should be from an Indian University / Institute recognized by AICTE /appropriate statutory authority. • The candidature of the candidate is liable to be rejected at any stage of the recruitment process or after recruitment or joining if any information provided by the candidate is false or is not found to be in conformity with the eligibility criteria mentioned in the advertisement. • The E-mail ID entered in the online application form must remain valid for at least next year. No change in the E-mail ID will be allowed, once entered. All future correspondence will be sent via Email only. • IITGN reserves the right to cancel/restrict/enlarge/modify/alter the recruitment process, if needed, without issuing any further notice or assigning any reason whatsoever. • IITGN reserves the right not to select any candidate for the post(s). • Incomplete applications will be summarily rejected. • No interim correspondence will be entertained. Canvassing in any form shall lead to automatic disqualification.

Dr. Pratyush Dayal
Indian Institute of Technology Gandhinagar
Email: pdayal@iitgn.ac.in