

Advertisement for the Junior Research Fellow

Applicants are invited for the posts of the Junior Research Fellow (JRF) at the Indian Institute of Technology, Gandhinagar (IITGN) on a research project. The title of the project is **“Using advanced Monte Carlo simulation methods to design smart polymeric adsorbents.”**

The project will involve the computer simulations (molecular simulations and analysis) to rationally design polymeric adsorbents. The Fellows will be provided suitable amount of intellectual freedom while pursuing the above topics. They will be also involved in writing analysis programs to compute the properties. Other details about the position are listed below:

Qualification: B.E./B.Tech./M.Sc. (graduated or in the final semester) with a qualified NET/GATE score and minimum 60% marks, or M.E./M.Tech. (graduated or in the final semester) in any of the following or related branches: Chemical Engineering, Chemistry, Industrial Chemistry, Physics, Engineering Physics, Mechanical Engineering, Material Science, Polymer Science. It is desirable that the candidate has some exposure to statistical mechanics, molecular simulations and computer programming.

No. of positions: 2

Consolidated Monthly Pay: ₹ 31,000 (NET/GATE qualification required for B.E., B.Tech. or MSc)

Term: 12 months

Documentation: Interested candidates are requested to send by email a single PDF file containing the following: **1) Resume containing all qualifications, experience and contact details, 2) Grade-sheets from the completed semesters, 3) NET/GATE scorecard for B.E./B.Tech./M.Sc. candidates.** The applications received by **20th January** will be processed on priority. The shortlisted candidates will be interviewed online.

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