



Advertisement for Junior Research Fellow (JRF) positions Department of Chemical Engineering

Applications are invited from eligible candidates for Junior Research Fellow (JRF) positions to work on time-bounded research projects in the Department of Chemical Engineering, IIT Hyderabad. The Selected JRF (s) will be enrolled in the PhD program in the Department of Chemical Engineering.

Sl No.	Position	Project title	Principal Investigator	Eligibility
1	JRF	Self-assembly of shape anisotropic colloids in confined drops	Dr Ranajit Mondal	B.Tech (with GATE) or MTech/ME degree in Chemical Engineering/Chemical Technology/Biotechnology/Mechanical Engineering/ Material Science and Engineering/ Nanotechnology/ MSc (with GATE) or MSc+MTech in Physics/ Physical Chemistry CGPA Requirement: 6.0 (or 60%) and above in all qualifying degrees.
2	JRF	Dynamics of complex flows subjected to a temperature gradient	Dr Ramkarn Patne	B.Tech (with GATE) or MTech/ME degree in Chemical Engineering/Chemical Technology/ Mechanical Engineering/ Material Science and Engineering/ MSc (with GATE) or MSc+MTech in Mathematics/ Physics CGPA Requirement: 6.0 CGPA (or 60%) and above in all qualifying degrees.
3	JRF	An Efficient framework for simulating blood flow in a stenosed channel	Dr. Anand Mohan	BTech in Chemical or Mechanical Engineering & MTech in Chemical or Mechanical Engineering.

				<p>CGPA requirement: 6.0 (or 60 %) and above in all qualifying degrees.</p> <p>Desirable qualifications: Programming skills in C++ or C (must produce proof if required at the time of the interview, either as college coursework or in the form of a course certificate)</p>
--	--	--	--	--

Duration of appointment: Candidates enrolled for PhD will be offered JRF positions for the complete duration of the project in the Department of Chemical Engineering. After completion of the first two years, the expert committee will assess the candidate for the upgradation from JRF to SRF. The successful candidates will be awarded SRF positions with applicable fellowship and allowance.

Fellowship and allowances: Rs. 31000 per month + HRA (as per funding agency or IIT Hyderabad norms which are applicable) for the first TWO years and Rs. 35000 per month + HRA (as per funding agency or IIT Hyderabad norms which are applicable) for the remaining duration. Accommodation inside the IITH campus is subject to availability. If availed, HRA will not be given.

How to apply: Eligible candidates may send his/her **updated CV** (corresponding address, DOB, phone no., e-mail, educational qualifications, experiences, list of publications, if any, etc.) to **DPGC Che (Email: dpgc@che.iith.ac.in)** and **indicating the preferences from the above list of projects** with a subject line of “*Application for JRF positions*” **on or before 31st August 2023**. Shortlisted candidates will be invited for an online interview. The interview date and other details will be emailed to the shortlisted candidates.