



Indian Institute of Science Education and Research Bhopal

Department of Chemical Engineering

Date: 06-04-2026

Applications are invited for a junior research fellow (JRF), awarded by Anusandhan National Research Foundation (ANRF) under the scheme of Advanced Research Grant (ARG), in the Department of Chemical Engineering, IISER Bhopal, under the project titled “**Coupled Dynamics of Active Particles and Vesicle Membrane Deformation Influenced by Membrane Heterogeneity and Activity Strength**”. We are looking for a motivated candidate interested in the areas of soft matter, active matter, and related interdisciplinary fields. Relevant areas include soft matter physics, active particle systems, vesicle and membrane mechanics, interfacial phenomena, colloidal systems, and computational or experimental studies of complex fluids.

Number of posts: 01 (One)

Duration: One year.

Salary: The position is funded by ANRF of India and the salary will be as per ANRF norms (37000 + HRA).

Minimum qualifications: BE/ME/M.Tech/MS (by Research) in Chemical Engineering/Technology or any allied branches of chemical engineering with a qualified score in GATE. Candidates must have obtained at least 60% marks or 6.5 CGPA (55% or 6.0 CGPA for SC/ST) in their bachelor's and master's. Please note that the candidates with master's degrees must have done bachelor's in relevant engineering/technology disciplines.

(Or)

Master's degree in chemistry/Physics with a valid score in GATE/CSIR-UGC NET (including lectureship). Candidates must have obtained at least 60% marks (or 6.5 Grade Point out of 10) (55% / 6 CGPA for SC/ST) in their master's.

Candidates with experience in **experimental active matter systems, theoretical modeling, coarse-grained simulations, or image analysis** will be given preference.

How to apply: Send an email to 'vdugyala@iiserb.ac.in' with

- your CV with details of academic credentials and experiences,
- a list of publications/patents,
- contact details of two referees.
- Keep subject of the email to be “JRF Application”

No other correspondence related to the status of your application will be entertained. Shortlisted candidates will be invited for an online/offline interview with the selection committee. No TA/DA will be given.

Last date to apply: 5th May, 2026

Note: Applications shall be considered till a suitable candidate is found and the position is filled.

For any queries regarding this position, please contact

Dr. Venkateshwar Rao Dugyala
Department of Chemical Engineering, IISER Bhopal
Email: vdugyala@iiserb.ac.in

