



Indian Institute of Technology Indore

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भारतीय प्रौद्योगिकी संस्थान इन्दौर

सिमरोल, इन्दौर 453 552, भारत

IIT Indore

Advertisement for Recruitment of Junior Research Fellow under ANRF/ ECRG

Applications are invited from interested and motivated candidates for the post of Junior ResearchFellow (JRF) in a research project as per the following details.

Position	Junior Research Fellow funded by ANRF, Early Career Research Grant scheme, File no. ANRF/ECRG/2024/002168/PMS
Number of Vacancy	01
Project Title	Analysis of some mathematical systems modelling heat transfer between two Navier-Stokes-Fourier fluids separated by an elastic interface.
Department	Mathematics.
Fellowship duration	Starting from January, 2026, the fellowship is available for a duration of 2 years and 6 months.
Job Description	The selected candidate will work with the research group of Dr. Sourav Mitra in the department of Mathematics at IIT Indore. He/ She will be working on the mathematical analysis of fluid and fluid-structure interaction problems arising in Mathematical Physics. The candidate requires a good grasp of 'Measure theory' and 'Functional Analysis' to work in this project. <i>Depending on the performance and following the institute norms the candidate may later be offered a PhD position.</i>
Essential Qualification	(a) M.Sc, with minimum 65% or 7.5 CGPA from a recognized university / institute. (b) Candidates must have qualified CSIR-UGC NET or GATE Examination. (b) The candidate requires strong background in Measure theory and Functional Analysis. Some exposure to the theory of Partial differential equations will be appreciated.
Age Limit	28 years.
Fellowship	Rs. 37,000/- p.m.+HRA: Rs. 7,400/- (first 2 years) Rs. 42,000/- p.m.+HRA: Rs. 8,400/-(final seven months).

Interested candidates are requested to submit a detailed softcopy of their CV with all relevant EssentialQualification Degree Certificates, Marks Sheets, Date of Birth Certificate in a single pdf file to souravmitra@iiti.ac.in by **05/01/2026**. The subject of the mail should be 'application for JRF position under ANRF/ ECRG'.

Tentative Date of Online Interview: **Second week of January, 2026**. Only shortlisted candidates will be called for an online interview. Selected candidates will be intimated by email.

Address for Correspondence:

Prof/ Dr Sourav Mitra (email: souravmitra@iiti.ac.in),

Department of Mathematics, IIT Indore.

Ph: +91 0731-660-5577.

