Date: March 24, 2026

ADVERTISEMENT TO FILL UP PROJECT POSITION (JRF)

Applications are invited from Indian nationals only for the position of Junior Research Fellow (JRF) on contract as per the details given below for the research project under the Principal Investigator (Name: **Dr. Deepika Singh**), **Dept. of Mathematics, NSUT, New Delhi**.

1. Title of project: A Fundamental Understanding and Prediction of Magnetogasdynamic Shock Wave Behaviour in Viscous Non-Ideal Dusty Gases

2. Sponsor of the project: Anusandhan National Research Foundation (ANRF)

3. Project position and number: Junior Research Fellow (JRF), (01)

4. Qualifications: The minimum eligibility and emoluments (as per the Office Memorandum DST/PCPM/Z-06/2022 dated June 26, 2023 issued by Department of Science & Technology, Government of India) for project JRF are stated below:

Designation and Qualification	Monthly Emoluments

Junior Research Fellow (JRF)
 Post Graduate Degree in Basic Science OR Graduate/ Post Graduate Degree in Professional Course selected through a process described through any of the following:
   a. Scholars who are selected through National Eligibility Tests – CSIR-UGC NET including lectureship (Assistant Professorship) and GATE.
   b. The selection process through National level examinations conducted by central government departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER, etc.
	Rs 37,000/- + 30% HRA

Desirable qualifications: Postgraduation in Mathematics/Applied Mathematics from a recognized University/Institute with at least 55% marks in aggregate or equivalent CGPA with NET/GATE. Sound knowledge of Fluid Dynamics/Gas Dynamics and PDEs (especially hyperbolic systems) with proficiency in MATLAB, Mathematica, or Python.

5. Emoluments: Rs 37,000/- per month + 30% HRA (for first two years) and Rs 42,000/- per month+30% HRA (for third year)

6. Duration: 01 year (may be extended upto 2 more years based on the performance.)

7. Job description: Execute the objectives of the research project.

8. Date, Time and Instructions: Candidate can submit their details on the link: https://forms.gle/afWJVFnPmtRaJwpA6 by **April 10, 2026**. Candidates need to upload all the documents over the link. The shortlisted candidates will be intimated by email. The interview schedule information will be communicated via email only, as provided by the candidate in their

application. The interview will be conducted tentatively one week after the last date of application, in hybrid mode (online or offline).

General Terms and Conditions:

1. The position is temporary and renewable each year, subject to satisfactory performance. The position is co-terminus with the project.
2. Self-attested documents for proof of age, certificates, degrees, marks sheets, experience certificates (if any), CV and other testimonials must be uploaded online using the Google form link provided above.
3. No TA/DA will be paid for attending the interview.
4. Possession of essential/desirable qualifications and experience does not guarantee selection for the post. Candidates will be selected based on their performance in interview.
5. This is a purely project-based research position. The selected candidate will have no right to claim for seniority or regular appointment of his/her post or any other post in the University on this basis.
6. The selected candidate will have to join duty immediately on receipt of the offer.
7. Other terms and conditions are as per the guidelines of the University.

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