

## ADVERTISEMENT FOR THE POST OF JRF

Applications are invited for the position of **Junior Research Fellow (JRF)** in the **Pattern Formation & Interfacial Instabilities Lab (PI-Lab)** at the Department of Chemical Engineering and Technology, IIT (BHU), Varanasi.

Applications are invited for the post of **Junior Research Fellow** at a Fixed Stipend/ Fellowship/ Salary amount of **Rs. 37,000 p.m.** in a **Anusandhan National Research Foundation (ANRF)** Sponsored Project entitled “**Impact of soft-gel layers on the evolution of Faraday waves**” sanctioned up to (3 years). The post is purely temporary and co-terminus with the project. The candidates should possess **B.Tech. and M.Tech./M.Sc. in Chemical Engineering, Mechanical Engineering, or Mathematics** (with undergraduate-level exposure, in Post graduation with 55% or above marks (equivalent grade)). A **strong foundation in fluid mechanics** is desirable. The upper Age Limit is 28 Years (relaxable as Per GoI Rules); All things being equal, SC/ST candidates will be preferred as per GOI rules.

### Eligibility:

- **B.Tech. and M.Tech./M.Sc. in Chemical Engineering, Mechanical Engineering, or Mathematics** with 55% or above marks (equivalent grade)
- For Mathematics, candidates with **B.Sc. and M.Sc.** or any equivalent undergraduate and postgraduate degree combination are eligible.
- A **strong foundation in fluid mechanics** is desirable.
- Passing of NET/GATE test.

**Project Duration:** 3 years (starting immediately upon joining)

**Funding Agency:** Anusandhan National Research Foundation (ANRF)

**How to Apply:** Interested candidates should send their applications (format attached) along with self-attested copies of all mark-sheets & certificates (PDF format) via email to Principal Investigator, **Dr. Dinesh Bhagavatula, dinesh.che@iitbhu.ac.in, on or before 4<sup>th</sup> August 2025.**

Please write “Application for JRF” in the subject line of the email. The shortlisted candidates will be informed by email.

### Application Instructions:

- Application should be strictly according to the attached format (see below page number 5).
- Last date for receiving completed application is **4<sup>th</sup> August 2025.**

**General Terms and Conditions:**

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately, if selected.
5. No TA/DA will be paid for attending the interview.
6. The decision of the Selection Committee will be final in this regard.
7. Candidates shortlisted for the interview must bring application form along with all documents in original, a valid ID proof recognized by Government of India and one set of self-attested copies of proof for date of birth/mark sheets/certificates/NET Certificate/ Gate Certificate/ Experience certificate(s) and other.
8. Duration of the project is Initially for one year and it is extendable up to the completion of the project, based upon the performance of the candidate.



### Annexure-3

#### DRAFT ADVERTISEMENT

Applications are invited for the post of **Junior Research Fellow** at a Fixed Stipend/ Fellowship/ Salary amount of **Rs. 37,000 p.m.** in a **Anusandhan National Research Foundation (ANRF)** Sponsored Project entitled (Title of the Project) **"Impact of soft-gel layers on the evolution of Faraday waves"** sanctioned up to (3 years). The post is purely temporary and co-terminus with the project. The candidates should possess **B.Tech. and M.Tech./M.Sc. in Chemical Engineering, Mechanical Engineering, or Mathematics** (with undergraduate-level exposure). A **strong foundation in fluid mechanics** is desirable. The upper Age Limit is 28 Years (relaxable as Per GoI Rules); All things being equal, SC/ST candidates will be preferred as per GOI rules.

**Essential qualifications:** **B.Tech. and M.Tech./M.Sc. in Chemical Engineering, Mechanical Engineering, or Mathematics** (with undergraduate-level exposure)

Desirable qualifications, if any **A strong foundation in fluid mechanics** is desirable.

Application on Plain paper giving Name, permanent and correspondence address, names of father and mother, telephone no. and e-mail address, details of educational career (starting from High School or equivalent) along with self-attested copies of all mark-sheets & certificates and details of any research or other experience etc., if any, should reach within 21 days of the advertisement, \_\_\_\_\_, to the P.I., Department of Indian Institute of Technology (BHU) Varanasi - 221 005.

No TA/DA will be paid if called for interview.

**Remarks:** PI should advertise the position on the Institute webpage.

#### Advertisement details

Project no.	2025RPMS00000650
Project Title	<b>Impact of soft-gel layers on the evolution of Faraday waves</b>
PI	Dinesh Bhagavatula
Post	Assistant Professor
Fellowship/salary	37,000
Funding agency	ANRF
Duration	3 years
Essential minimum qualification	<b>B.Tech. and M.Tech./M.Sc. in Chemical Engineering, Mechanical Engineering, or Mathematics</b> (with undergraduate-level exposure)
Desirable qualification, if any	<b>A strong foundation in fluid mechanics</b>
Maximum Age	28 yers

Relaxation SC/ST/Physically Handicapped/Female candidates	for	As per GoI rules
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**This is to certify that the advertisement details given are as per the Funding agency norms.**



**Signature of the PI**

*The PI must ensure that advertisement is made as per rules. If the advertisement contravenes any of the guidelines prescribed by the funding agency and/or Institute, the proceedings of the Selection Committee shall be null and void.*

**Dr. Dinesh Bhagavatula**

Assistant Professor IIT-BHU

Dept of Chemical Eng. & Tech.

Approved,  
14/7/25  
Dr. Vipin Di  
14-7-25

## **APPLICATION FOR JUNIOR RESEARCH FELLOW**

**1. Name in Block Letters:** \_\_\_\_\_

**2. Father's/ Husband's Name:** \_\_\_\_\_

**3. (a) Marital Status:** Married/Single

(b) Nationality: \_\_\_\_\_

**4. (a) Category:** SC/ST/OBC/PH/Gen

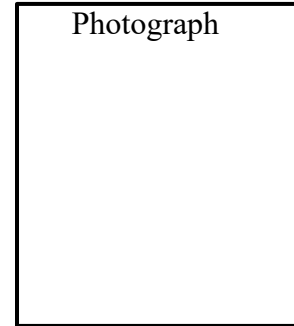
(b) Whether differently abled (Yes/No): \_\_\_\_\_

**5. Date of Birth:** \_\_\_\_\_

**6. Address for Communication:** \_\_\_\_\_

**7. Contact Number:**

- Mobile: \_\_\_\_\_
- Residence: \_\_\_\_\_
- E-mail ID (Mandatory): \_\_\_\_\_



### **8. Educational Qualifications**

(From SSC/Matric onwards. Attested copies to be enclosed):

<b>Examination Passed</b>	<b>Subject (S)</b>	<b>University or Board</b>	<b>Year of Passing</b>	<b>Division or Class</b>	<b>% of Marks</b>

### 9. Research/work Experience

(If any, attested copies of supporting documents to be enclosed):

Name of the Organisation with Designation	Period of Service From	Period of Service To	Salary	Reasons for Leaving

### 10. Whether Qualified in UGC/CSIR/NET/GATE (or equivalent) Examination: YES / NO

If yes, give details: \_\_\_\_\_

### 11. Any other information:

\_\_\_\_\_

12. DECLARATION: I hereby declare that, the above furnished particulars are correct and no information is suppressed.

Place:

Date:

Signature of the candidate