



PG/PHY/

Date: 01/04/2025

## Advertisement for the Appointment of Junior Research Fellow

Applications are invited for the post of a **Junior Research Fellow (JRF)** for the **Anusandhan National Research Foundation (ANRF)** project under **Science and Engineering Research Board (SERB)** scheme **Core Research Grant (CRG)**.

**Title of the Project:** Investigation of 2D MXene field-effect transistor materials for thermoelectric applications

**Project Investigator:** Prof. P. N. Gajjar

**Co-Investigator:** Dr. Sanjeev K. Gupta

**Duration:** Up to 22/12/2027 (Or as may be specified by the funding agency/University)

**File Number:** CRG/2023/006920 dated 24-Dec-2024

**Work place:** Primarily at Department of Physics, Gujarat University, Ahmedabad 380009.

**Minimum Essential Qualifications:** Master's Degree (in Physics/Applied Physics/ Materials Science/Nano Science/Nano Technology) with minimum of 55% Marks [50% in case of SC/ST/PH/OBC (NCL)/EWS] without graying marks or rounding off process.

**AND**

CSIR-UGC-NET including lectureship (Assistance Professorship) / GATE

**Desirable:** Basic knowledge of DFT / Python / Ubuntu

**Age Limit:** Upper age limit will be as per the funding agency rules and regulations.

**Fellowship:** Rs. 37,000/- per month + HRA as per government rules (if applicable).

**How to apply:** Eligible candidates may apply with full details as per attached form on plain paper [including qualifications, photo, age, e-mail ID, contact number, etc. along with details of certificates of qualifications, experiences, CSIR-UGC-NET/ GATE and research article publications (if any)] so as to reach the [pngajjar@gujaratuniversity.ac.in](mailto:pngajjar@gujaratuniversity.ac.in) latest by **15/04/2025** with a subject line "Application for the Junior Research Fellow under ANRF-SERB-CRG".

The applications will be scrutinized on the basis of qualifications, experience and suitability of the candidates in the project. Only selected candidates from the initial screening will be called for written test and/or interview. No further communication on this matter will be entertained.

- Written test and/or interview will be held on **21/04/2025 (tentative)** at 11:30 AM and shortlisted candidates for the written test and/or interview will be intimated by "E-mail only".
- No TA/DA will be paid to the candidate if called for the written test and/or interview.

Prof. P. N. Gajjar  
Principal Investigator  
Department of Physics, University School of Sciences,  
Gujarat University, Ahmedabad 380 009, Gujarat

**GENERAL INFORMATION AND ACADEMIC BACKGROUND**

- 1) **Name (in Block Letters)** :
- 2) **Father's Name/Mother's Name** :
- 3) **Date and Place of Birth** :
- 4) **Sex** :
- 5) **Marital Status** :
- 6) **Nationality** :
- 7) **Indicate whether you belong to SC/ST/OBC/Open/PH category** :
- 8) **Address for correspondence (with PIN code)** :
- 9) **Permanent Address (with PIN code):**

Attach  
Applicant's  
Passport Size  
Photograph and  
Sign on it

**Telephone No. :**

**Mobile No. :**

**Email ID :**

**10) Academic and other qualifications (attach relevant certificate/s)**

<b>Examinations</b>	<b>Name of the Board/ University</b>	<b>Year of Passing</b>	<b>Percentage of marks obtained</b>	<b>Division/ Class/ Grade</b>	<b>Subject</b>
SSC or equivalent					
HSC or equivalent					
<b>Graduation</b> (Specify the name of the degree) _____					
<b>Post-graduation</b> (specify the name of the degree) _____					
<b>Technical qualification, if any</b> (specify) _____					
<b>Professional qualification, if any</b> (specify) _____					
<b>Addl. qualification, if any</b> (specify) _____					
<b>NET</b>					
<b>GSET/GSLET</b>					
<b>GATE</b>					

**11) Basic knowledge of DFT / Python / Ubuntu, if any:**

**12) Prior Experience, if any**

I certify that the information provided here is correct as per records available with me and documents enclosed along with the duly filled proforma.

Place:

(Signature of the Applicant)

Date:

Name of the Applicant