



**Department of Physics,  
University School of Sciences,  
Gujarat University, Navrangpura,  
Ahmedabad, 380 009, Gujarat, India.**  
(DST-FIST and DRS-SAP Sponsored Department)

Ref./PG/PHY/TDP/AMV-PNG/

Date: 04/09/2024

**Advertisement for the Appointment of Junior Research Fellow  
(Under TDP/Adv. R&D programme, “Study on Airglow using Satellite Observations and Model Simulations: Precursor study for UrVASI/DISHA” Scheme)**

Applications are invited for the post of a Junior Research Fellow (JRF) for a joint Collaborative project Under TDP/Adv. R&D programme, “Study on Airglow using Satellite Observations and Model Simulations: Precursor Study for UrVASI/DISHA” Scheme of SAC-ISRO, Ahmedabad.

Title of the Project: “Study On Airglow Variabilities Using Satellite Observations”

**PIs** : Prof. (Dr.) A. M. Vora, Prof. (Dr.) P. N. Gajjar  
**Duration** : Up to 31/08/2025 (May be extended further as per SAC-ISRO Norms)

**Work place** : Primarily at SAC-ISRO, Ahmedabad and Department of Physics, Gujarat University, Ahmedabad.

**Minimum Essential Qualifications** : Master's Degree in Physics with minimum of 55% Marks [50% in case of SC/ST/PH/OBC (NCL)] without grassing marks or rounding off process

**Desirable** : Basic knowledge of Python/MATLAB/C++/ Remote Sensing/IRI and GLOW models.

**Age Limit** : The upper age limit for applying for the award of JRF shall be 28 years, which is relaxed upto 5 years in the case of candidates belonging to Schedule Castes/Schedule Tribes/OBC, Physically Handicapped/Visually Handicapped and female applicants.

**Fellowship:**

For NET/GATE qualified candidate: Rs. 37,000/- per month + 27% HRA as per government rules (if applicable according to SAC-ISRO/UGC/University norms)

**How to apply:** Eligible candidates may apply with full details on plain paper [including qualifications, photo, age, e-mail ID, contact number, etc. along with details of certificates of qualifications, experiences, NET/GATE and research article publications (if any)] so as to reach [amvora@gujaratuniversity.ac.in](mailto:amvora@gujaratuniversity.ac.in) latest by **Tuesday, 17<sup>th</sup> September, 2024** with a subject line: "Application for the Junior Research Fellow Under TDP/Adv. R&D programme, “Study on Airglow using Satellite Observations and Model Simulations: Precursor study for UrVASI/DISHA” Scheme".

- 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 to be held on **Saturday, 21<sup>st</sup> September, 2024** at **11.30 am** onwards. No further communication on this matter will be entertained.
- No TA/DA will be paid to the candidate if called for the written test and/or interview.

**Prof. (Dr.) A. M. Vora**  
(Principal Investigator)  
Department of Physics,  
University School of Sciences,  
Gujarat University, Navrangpura,  
Ahmedabad 380 009, Gujarat, India  
Email: [amvora@gujaratuniversity.ac.in](mailto:amvora@gujaratuniversity.ac.in)

**Prof. (Dr.) P. N. Gajjar**  
(Principal Investigator)  
Department of Physics,  
University School of Sciences,  
Gujarat University, Navrangpura,  
Ahmedabad 380 009, Gujarat, India  
Email: [pngajjar@gujaratuniversity.ac.in](mailto:pngajjar@gujaratuniversity.ac.in)

**Basic Performa for JRF Application Form**  
**General Information and Academic Background**

**1) Name (In Block letters):**

Applicant's  
Passport Size  
Photograph  
with Sign on it

**2) Father's Name/Mother's Name:**

**3) Date and Place of Birth [DD/MM/YYYY]:**

**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):**

**Telephone No.:**

**Mobile No.:**

**Email ID:**

## Basic Performa for JRF Application Form

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

<b>Examinations Passed</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/s</b>
<b>SSC or equivalent</b>					
<b>HSC or equivalent</b>					
<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 Python/MATLAB/C++/ IRI and GLOW models, 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:  
Date:

(Signature of the Applicant)  
Name of the Applicant