



**NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR**  
**Chhattisgarh, 492010, INDIA**

Phone: +91-771-2254200; Fax: +91-771-2254600

**Advertisement for the Post of JRF in Department of Applied Geology, NIT Raipur**

Applications are invited for the following assignment in a purely time-bound project undertaken in the **Department of Applied Geology** of the National Institute of Technology, Raipur, Chhattisgarh, India

|    |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Name of the Post                  | Junior Research Fellow (JRF)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2. | Number of Posts                   | One (01)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 3. | Name of the Research Project      | <i>Lunar surface mineralogical analysis using Imaging Infra-red Spectrometer (IIRS) data</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4. | Name of the Sponsoring Agency     | ISRO (DOS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 5. | Duration of the Project           | 3 Years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 6. | Duration of the Position          | Initially the position is for one year likely to extended for three years on the basis of evaluation or co-terminus with project,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 7. | Consolidated Monthly Compensation | INR 31,000 + HRA for two years and 35,000 + HRA for third year (likely to be increased with the new JRF salary after approval of the funding agency)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 8. | Essential Qualifications          | <p>Post Graduate Degree in Geology, Applied Geology, Geo-informatics/ Computer Science/ Information Technology OR Graduate/Post Graduate Degree in Professional Course selected through a process described through any one of the following :</p> <p>a. Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant professorship) and GATE.</p> <p>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.</p> |
|    | Desirable Qualifications          | Experience in Hyperspectral remote sensing/python/IDL/Matlab etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9. | Note                              | Selected JRF candidate will be encouraged to                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | register the Ph.D. in the Department of Applied Geology, NIT Raipur as per the NITRR norms                                                                                                                                                                                                                                                                  |
|  | <p>For technical information of the project, the candidate may contact the Principal Investigator at the following address:</p> <p>Name : Dr. H. Govil</p> <p>Address : Department of Applied Geology,<br/>National Institute of Technology Raipur, CG-492010, India</p> <p>e-mail : <a href="mailto:hgovil.geo@nitrr.ac.in">hgovil.geo@nitrr.ac.in</a></p> |

**How to apply:** The application form will be hosted at NIT Raipur website ([www.nitrr.ac.in](http://www.nitrr.ac.in)).

Kindly send your CV along with the application form to Dr. H. Govil ([hgovil.geo@nitrr.ac.in](mailto:hgovil.geo@nitrr.ac.in)) by 05<sup>th</sup> October, 2023. Selected candidates will be called for interview on 16<sup>th</sup> October 2023, 11.00 AM onwards. Mode of the Interview would be in Hybrid (online/offline both) based upon the request of the candidate. Candidates should bring all the original documents for the interview in the Department of Applied Geology, NIT Raipur. Application for JRF should have the title “ISRO (DOS)” on the application form.

#### **\*NET Examinations and Its Equivalent includes**

Any National Level Examination conducted by the Central Government departments/agencies for admission to Ph.D programme are considered equivalent to NET. The following are the list of examination which can be equated to NET:

- I. CSIR-UGC National Eligibility Test Including NET –Lectureship.
- II. Graduate Aptitude Test in Engineering (GATE) conducted by MHRD.
- III. Joint Admission Test (JAM) conducted by MHRD.
- IV. Graduate Pharmacy Aptitude Test (GPAT) conducted by MHRD.
- V. Biotechnology Eligibility Test & Test conducted in Bio-Informatics by Bio-Informatics National Consortium.
- VI. Joint Entrance Screening Test (JEST), Joint Graduate Entrance Examination for Biology & Interdisciplinary Life Sciences (JGEEBILS) conducted by Department of Atomic Energy.
- VII. JRF Entrance Examination conducted by Indian Council of Medical Research.
- VIII. All India Competitive Examination (AICE) conducted by Indian Council of Agricultural Research.

#### **Terms and conditions:**

- The recruitment of the JRF is for one year and may be extended for three years on the performance.
- JRF post is purely temporary, the candidate shall not claim regular appointment at this Institute, as the post is co-terminus with the project.
- The JRF will not be entitled for any regular leave, but are allowed to have CL and RH as per the NITRR rules

- The JRF is full time worker and is required to adhere to the administrative, financial and disciplinary regulations of the NITRR, hence regular attendance of the JRF will be maintained.
- The candidates will have to compulsorily bring the filled in application form (as per the format annexed), all the original certificates from matriculation onwards, date of birth certificate, NET/equivalent certificate, degree certificate either original or provisional and one set of the self-attested photocopies of all the required certificates from matriculation onwards and an attested copy of recent passport size photograph pasted onto the application form. Proof of experience and publications also need to be submitted.
- No TA/DA will be paid for attending the interview.
- Only the candidates meeting essential qualifications would be interviewed.
- Concealing of facts or canvassing in any form shall lead to disqualification or termination of such candidates.



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**Application for Junior Research Fellow in .....**

1. Name \_\_\_\_\_  
(Surname) (First Name)

2. Address

Phone:

Email ID:

3. Date of Birth :

4. Nationality :

5. Gender :

6. Complete Academic Record (Starting from X standard)

| Degree and Specialization | University/Institute | Year of Completion | Division |
|---------------------------|----------------------|--------------------|----------|
|                           |                      |                    |          |
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|                           |                      |                    |          |

7. Areas of Interest

8. Publications/Conference Publications (National/International)

9. Research experience apart from Masters Research, relevant to the Project

10. Any Other Relevant Information

### **UNDERTAKING**

I understand that it is a contractual engagement on purely temporary basis for the Project. I declare that the above are correct to the best of my knowledge and belief. I understand that action can be taken against me if these are found to be incorrect. I agree to all the terms and conditions of the associated advertisement, SERB, India and NIT Raipur.

Date :

Place :

Signature of Applicant

Note: Attach a Xerox copy of the relevant documents with the application