



Government of India  
Department of Space  
Indian Space Research Organisation  
**Indian Institute of Remote Sensing**  
4, Kalidas Road, Dehradun–248 001



Advt. No.: IIRS/P&GA/Estt./Rectt./13

Date: 21.05.2015

Indian Institute of Remote Sensing (IIRS), a unit of Indian Space Research Organisation (ISRO), is a premier institute for capacity building and research in the field of **remote sensing and geoinformatics**. The Institute has a multi-disciplinary and problem oriented research agenda focusing on developing land-ocean-atmosphere applications and understanding Earth's surface and subsurface processes using primarily the space-based technologies. The research programmes are intricately linked to overall goal of ISRO towards operationalisation of space-based services for national development.

Applications are invited from young and motivated candidates for the post of JRF under the following research projects:

**(1) “Study of air pollutants over the Indian Subcontinent: Investigation of source regions”.**

**No. of Post:** 1 (one)

**Essential Qualification:** M. Tech in Atmospheric Sciences / Computer Sciences / Meteorology / Physical Oceanography or M. Sc. in Meteorology / Atmospheric Science / Physics / Mathematics with at least two subjects from Atmospheric Science, Mathematics, Physics at graduate level **with NET or equivalent** \*

**Desirable Qualification:** Candidates with Post-Graduate Degree or Diploma in Atmospheric Sciences from reputed university / institute in India / abroad, work experience with atmospheric models (MOZART, GEOS-CHEM, WRF-CHEM etc.) and computer programming skills (Fortran, C, C++, Matlab, IDL, Python, MPI etc.) with knowledge of Linux will be given preference.

**(2) Soil-Vegetation–atmosphere-flux (National Carbon Project)**

**No. of Post:** 1 (one)

**Essential Qualification:** M. Sc. in Agricultural Meteorology / Agricultural Physics / Agronomy / Plant Physiology OR M. Sc. In Atmospheric Sciences / Environmental Sciences OR M. Tech in RS&GIS applications with specialization in agriculture / ecology. **with NET or equivalent\***

**Desirable Qualification:** Knowledge of micrometeorology, vegetation functioning and ecosystem modeling is desirable. Knowledge and experience on programming skill (C++, Python, IDL, MATLAB) is preferable.

\* 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 the Department of Atomic Energy.
- vii) JRF Entrance Examination conducted by the Indian Council of Medical Research.
- viii) All India Competitive Examination (AICE) conducted by the Indian Council of Agricultural Research.

**Age limit:** The age limit is 30 years on the closing date of receipt of applications but relaxable for 5 years in case of SC/ST candidates and 3 years in case of OBC candidates.

**Fellowship & Duration:** JRFs will be paid an amount of Rs.25000/- (Rupees Twenty Five Thousand Only) per month as fellowship. If the candidate has two years of Research experience alongwith JRF qualification, the candidate may be considered for SRF with a fellowship of Rs 28000/- (RS Twenty eight thousand only). D.A. is not admissible. However, they will be eligible for H.R.A. as per the rules of Government. For this purpose, the fellowship amount will be taken as basic pay. JRFs will be allowed to avail the CHSS (Medical) facility for self only. DA, CCA, Bonus, LTC, retirement benefits, etc. are not admissible.

**Selection process:** The qualification prescribed in this advertisement is the minimum requirement and the same does not automatically make candidates eligible to be called for interview. Based on the experience and details of marks furnished by the applicants, the candidates will be short listed for interview.

**Government strives to have a workforce which reflect gender balance and women candidates are encouraged to apply.**

#### **How to apply:**

Applications will be received **ONLINE ONLY**. No hard copy of application is required to be sent to IIRS. The application format for online registration is hosted on our website [www.iirs.gov.in](http://www.iirs.gov.in) from 21.05.2015 to 12.06.2015. for registering the applications. Colour photographs, Signature, Self attested true copies of 10<sup>th</sup>, 12<sup>th</sup>, Graduation final year, PG final year, NET or equivalent certificate, Date of Birth certificate if not mentioned in 10<sup>th</sup> marksheet shall be uploaded in the online application.

#### **Other conditions/instructions:**

1. Only passed candidates are eligible to apply. Students awaiting for final result need not to apply.
2. Experience, Caste/tribe certificate shall be produce at the time of interview otherwise the candidature of the candidate will be cancelled.

3. Candidates belonging to OBC must submit a certificate specifically including the clause regarding exclusion from creamy layer which should be updated/valid at the time of submission of the application.
4. Mere fulfillment of the qualitative requirements of the posts will not entail a candidate to be called for interview. A duly appointed screening committee will initially scrutinize the applications, evolve a criteria depending on the number of applications received *vis-à-vis* positions to be filled and make a shortlist of the candidates to be called for further interview.
5. CGPA shall be converted into percentage of marks as per the candidates university norms.
6. Those who are already in employment under the Central Government/State Government/Public Sector Undertaking/Autonomous Body or any organizations which is aided by the Government, shall produce "No Objection Certificate" from the employer at the time of interview otherwise the candidature of the candidate will be cancelled.
7. Only Indian National needs to apply.
8. No interim correspondence will be entertained. IIRS reserves the right not to fill the position, if it desires so. Canvassing in any form will be a disqualification.