



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./7

Date: 09.11.2012

RECRUITMENT OF JUNIOR RESEARCH FELLOW (JRF)

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 one post of JRF under EOAM Project entitled, "Remote sensing based hydro-meteorological data assimilation in the hydrological and weather forecasting models".

Essential Qualification: B. Tech. in Agriculture Engineering / Civil Engineering / Computer Sciences or MCA or M. Sc. in Atmospheric Science / Physics / Mathematics / Geo-informatics with at least two subjects from Hydrology / Mathematics / Physics at graduate level. *[Please note that the candidates should have passed with First Division with an aggregate mark of 65% (average of all semesters/years as applicable) in all the Degree Courses. Rounding-off of marks is not allowed.]*

Desirable Qualification: Candidates with P.G. Degree or Diploma in Water Resources / Remote Sensing / Geoinformatics with Hydrology as specialization from reputed university/institute in India / abroad, work experience in retrieval and assimilation of hydro-meteorological parameters from remote sensing and computer programming skills (C++, Matlab, Python, MPI, CUDA and IDL) with knowledge of Linux will be given preference.

Age limit: Age should not be more than 30 years on the date of receipt of application. Age relaxation to SC/ST/OBC/PWD will be admissible as per rules.

Fellowship & Duration: ₹ 16,000/- per month + HRA (as per DOS OM A.9/2/1/2005-II (I) dated November 16, 2010 regarding revised fellowship). The candidate (self only) will also be eligible for availing CHSS (medical) facility of the Department. DA, CCA, Bonus, LTC, retirement benefits, etc. are not admissible. The fellowship will be offered initially for a period of One Year which can be extended further depending upon duration of the project and performance of the candidate.

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:

The interested candidates may apply in the prescribed format as given below duly signed the application format and may send along with recent colour photograph, true copies (attested by a Gazetted Officer) of all the marks sheets, degree certificates, experience certificate, caste/tribe certificate etc. **by Speed Post to Administrative Officer (PA), Indian Institute of Remote Sensing, Department of Space, Government of India, No. 4, Kalidas Road, Dehradun-248 001 (Uttarakhand).** The application form should reach to the Administrative Officer (PA), IIRS, Dehradun **within 25 days from the date of publication of advertisement** in the news papers.

Other conditions/instructions: 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. 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. 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, should apply through proper channel. Only Indian National needs to apply. 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.

13. Experience in Remote Sensing & GIS:

14. Computer knowledge :

- Professional qualification, if any:
- Knowledge of programming language(s):
- Knowledge/ Experience in handling DIP/GIS software:

15. Whether qualified CSIR/UGC NET exam and validity (if applicable):

16. Previous Employment (in chronological order):

17. Whether “No Objection Certificate” from employer enclosed (if applicable):

18. Any other information:

Certified that all the information provided above are true to the best of my knowledge and belief.

Date:

(Signature of Candidate)

Place:

Note: Please attach attested copies of mark sheets/certificates/testimonials, etc. along with the Application Form. Originals are to be produced at the time of interview. Application form completed in all respects should reach us by specified date. Incomplete application forms will not be considered.