



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./11

Date: \_\_\_\_\_

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

**Desirable Qualification:** Candidates with Post Graduate Degree or Diploma in Water Resources / Remote Sensing / Geo-informatics with Hydrology as specialization from reputed University / Institute in India / abroad, work experience in retrieval and assimilation of hydro-meteorological parameters from remote sensing, work experience with WRF and VIC models and computer programming skills (C++, Matlab, Python, MPI and IDL) with knowledge of Linux will be given preference.

**Age limit:** Candidates age limit is 18 to 28 years on the closing date for receipt of application. Persons with Disabilities are eligible for age relaxation as per rules.

**Fellowship & Duration:** ₹ 16,000/- per month for M. Sc. candidates and ₹ 18,000/- per month for M. Tech. candidates + HRA (as per DOS OM A.9/2/1/2005-II (I) dated November 16, 2010)

regarding revised fellowship). The monthly fellowship of ₹ 18,000/- will be applicable to those M. Tech. candidates if M. Tech. qualification is specifically asked under "Essential Qualification" otherwise the monthly fellowship of ₹ 16,000/- only will be applicable. 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 under all the Projects, which can be extended for further years or till the duration of the project depending on the 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:**

Applications will be received online only. The application format for online registration is hosted on our website [www.iirs.gov.in](http://www.iirs.gov.in) for registering the applications. After registration, it is mandatory to send one printed copy of the duly signed online application form, colour photographs, attested true copies of all the marks sheets, degree certificates, experience certificate, caste/tribe certificate etc., to Administrative Officer (PA), Indian Institute of Remote Sensing, ISRO, 4, Kalidas Road, Dehradun-248 001 (Uttarakhand) within 25 days from the date of advertisement failing which online application will be rejected outright.

**Other conditions/instructions:** 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.