



भारत सरकार  
अंतरिक्ष विभाग  
भारतीय अंतरिक्ष अनुसन्धान संगठन  
भारतीय सुदूर संवेदन संस्थान, देहरादून

Government of India  
Department of Space  
Indian Space Research Organisation  
Indian Institute of Remote Sensing,  
Dehradun



## भर्ती सूचना / RECRUITMENT NOTICE

Advt. No.: IIRS/P&GA/R&R/RMT/JRF/37

Date:12/06/2023

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 (RS) 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 the space-based technologies. The research programmes are intricately linked to overall goal of ISRO towards operationalization of space-based services for national development.

2. Young and motivated candidates (Indian citizens only) are invited for **Walk-in Interview** for **Twenty (20)** temporary positions of **Junior Research Fellow (JRF)** and **Two (02)** temporary positions for **Research Scientist (RS)** under the following research projects:

Sl. No. 1	
POST CODE	JRF 90
No. of Position(s)	01 (One)
Project Name	An Earth Observation based approach in characterization of selected landslides and debris flows in parts of the Uttarakhand and Himachal Himalaya
Essential Qualifications (Also refer Para 3)	<b>M.Tech/M.Sc. (Tech)/ M.Sc.</b> in Geology/Applied Geology/ Geosciences/ Geo Exploration/Geophysics/ Earth Sciences/ Geo. Engg. or equivalent subject with any two of Physics/ Mathematics/ Chemistry/ Computer Science at B.Sc. level and Post Graduate Diploma (PGD) in Remote Sensing and GIS/ Geoinformatics or equivalent <b>(OR)</b> <b>Post Graduate</b> in Geo-Informatics/ Geomatics/ Remote Sensing and GIS, or equivalent subject, with Geology/Geophysics at graduation level.
Desirable Qualification	Candidates should have experience in landslide (mass movement) hazard zonation using RS and GIS, excellent computational skill, experience in satellite data handling, knowledge of computer programming (python/Matlab), English writing skills, ability to work independently and as part of team; have critical, analytical and innovative mind-set.

S. No. 2	
POST CODE	JRF 91
No. of Position(s)	01 (One)
Project Name	Aerosol Radiative Forcing over India (ARFI), IGBP
Essential Qualifications (Also refer Para 3)	<b>M.Sc.</b> from recognised University or Institution in Physics / Atmospheric Science / Meteorology / Environmental Science / Remote Sensing & GIS or equivalent subject.  Candidates must have studied Physics and Mathematics as a subject during Graduate level. <b>(OR)</b> <b>M.Tech.</b> in Atmospheric Science / Meteorology / Remote sensing & GIS, or equivalent.

Desirable Qualification	<p>Knowledge of RS &amp; GIS application to Atmospheric Science and Computer programming skills. Experience of atmospheric models like SBDART, WRF, etc. will be given preference.</p> <p>Candidate should have excellent English writing skills; ability to work independently and as a part of team. Candidates should be creative, critical analytical and should have innovative mind-set.</p>
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<b>S. No. 3</b>	
<b>POST CODE</b>	<b>JRF 92</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Modelling Temporal and Spatial Growth of North-West Himalayan Cities [Mountain Ecosystem Project (Phase-II)]
Essential Qualifications (Also refer Para 3)	<p><b>M.Sc. / M.Tech.</b> in Remote Sensing and GIS / Urban Planning / Water Resources / Hydrology or equivalent with Graduate degree in Civil Engineering / Planning / Architecture, or equivalent.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Sc./M.Tech.</b> in Remote Sensing and GIS / Geography, or equivalent subject with <b>Graduate Degree</b> in Science.</p>
Desirable Qualification	Candidates with working knowledge in Remote Sensing and GIS, Computer Programing skills (Python, MatLab, etc.) will be given preference.

<b>S. No. 4</b>	
<b>POST CODE</b>	<b>JRF 93</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Soil – Vegetation- Atmosphere-Flux (Forest & Agriculture)
Essential Qualifications (Also refer Para 3)	<p><b>M.Sc.</b> in Agriculture Meteorology / Agricultural Physics / Plant Physiology / Environmental Management / Environmental Science / Forestry / Ecology.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Tech.</b> in Remote Sensing and GIS with dissertation topic in Agriculture / Forestry / Ecology.</p>
Desirable Qualification	Knowledge of statistical /mathematical data processing, Computer programming (R/ IDL/ MatLab / Python) and Remote Sensing & GIS applications.

<b>S. No. 5</b>	
<b>POST CODE</b>	<b>JRF 94</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Parameterization of ecosystem models to estimate regional carbon fluxes over India (IIRS-NRSC Joint Project)
Essential Qualifications (Also refer Para 3))	<p><b>M.Sc.</b> in Agriculture Meteorology / Agricultural Physics / Plant Physiology /Agronomy/ Agricultural Statistics/ Environmental Science.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Tech.</b> in Remote Sensing and GIS with dissertation topic in Agriculture.</p>
Desirable Qualification	Knowledge of Statistical/ Mathematical data processing, RDBMS, Computer Programing (R/IDL/MatLab/Python) and Remote Sensing & GIS applications.

<b>S. No. 6</b>	
<b>POST CODE</b>	<b>JRF 95</b>
No. of Position(s)	<b>02 (Two)</b>
Project Name	Understanding the Impact of Climate Change and its Variability on Hydrological Fluxes vis-à-vis Water Availability for Sustainable Development.
Essential Qualifications (Also refer Para 3)	<p><b>B.E. / B.Tech. in</b> Agriculture Engg. / Civil Engg. / Water Resources Engg. / Hydrology / Computer Science / Geoinformatics / Remote Sensing &amp; GIS, or equivalent.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Sc. in</b> Hydrology / Geology/ Physics / Mathematics / Remote Sensing &amp; GIS / Geoinformatics / Atmospheric Sciences, or equivalent with Mathematics as a subject at Graduation level.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Tech. in</b> Agriculture Engg. / Civil Engg. / Water Resources Engg. / Hydrology / Computer Science / Geoinformatics / Remote Sensing &amp; GIS or equivalent.</p>
Desirable Qualification	Candidates with knowledge of hydrology, hydrological modelling and computer programming (Python, C++, Java, php, PostgreSQL, R, etc.) will be given preference.

<b>S. No. 7</b>	
<b>POST CODE</b>	<b>JRF 96</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Monitoring and Assessment of Mountain Ecosystem and Services in North-West Himalaya (Phase-II) Sub-Theme V: Monitoring and Modelling of Hydrological Processes in Glaciated and Non-Glaciated Watersheds of North-West Himalaya.
Essential Qualifications (Also refer Para 3)	<p><b>B.E. / B.Tech. in</b> Agriculture Engg. / Civil Engg. / Water Resources Engg. / Hydrology / Remote Sensing &amp; GIS, or equivalent.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Sc. in</b> Hydrology / Geology/ Earth Science/ Physics / Mathematics / Remote Sensing &amp; GIS / Geoinformatics / Atmospheric Sciences, or equivalent with Mathematics as a subject at Graduation Level.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Tech. in</b> Agriculture Engg. / Civil Engg. / Water Resources Engg. /Hydrology/Physics/Earth Science/ Remote Sensing &amp; GIS or equivalent.</p>
Desirable Qualification	Candidates with knowledge of hydrology and computer programming (Python, C++, Java, php, PostgreSQL, R, etc.) having working experience in Himalayan terrain and willing to visit Glacier sites, will be given preference.

<b>S. No. 8</b>	
<b>POST CODE</b>	<b>JRF 97</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Spatial Data Infrastructure (SDI) Geoportal with Allied Database Development for UT Ladakh.

	Sub-Theme: Intergrated Water Resources Study for the Assessment of Water Availability, Water-Ice Harvesting and Flood Hazard Mapping
Essential Qualifications (Also refer Para 3)	<p><b>B.E. / B.Tech.</b> in Agriculture Engg. / Civil Engg. / Water Resources Engg. / Hydrology / Computer Science / Geoinformatics / Remote Sensing &amp; GIS, or equivalent subject.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Sc.</b> in Hydrology / Geology/ Physics / Mathematics / Remote Sensing &amp; GIS / Geoinformatics / Atmospheric Sciences, or equivalent subject with Mathematics as a subject in Graduation level.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Tech.</b> in Agriculture Engg. / Civil Engg. / Water Resources Engg. / Hydrology / Computer Science / Geoinformatics / Remote Sensing &amp; GIS or equivalent subject.</p>
Desirable Qualification	Candidates should have knowledge of hydrology, glaciology, optical / microwave Remote Sensing data processing, field work, geospatial data management, and hydrological modelling computer programming skills (Python / MatLab).

<b>S. No. 9</b>	
<b>POST CODE</b>	<b>JRF 98</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Satellite Based Mountain Hazard Assessment and Monitoring (MHAM) in Uttarakhand. Sub-Project : Landslide
Essential Qualifications (Also refer Para 3)	<p><b>M.Tech. / M.Sc. (Tech.)</b> in Geophysics /Applied Geology / Geosciences / Geo Exploration / Geo-Engg. / Earth Science</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Tech. / M.Sc. (Tech.)</b> in Geo-informatics / Geomatics/ Remote Sensing and GIS, or equivalent subject with specialization / dissertation topic in Geoscience.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Sc.</b> in Geology / Applied Geology / Geophysics or equivalent subject with any of the subject Physics / Mathematics / Chemistry / Computer Science at B.Sc. level and Post Graduate Diploma (PGD) in Remote Sensing and GIS.</p>
Desirable Qualification	Candidates should have experience in landslide (mass movement) hazard zonation using RS and GIS, excellent computational skill, experience in satellite data handling, knowledge of computer programming (Python/ MatLab), English writing skills, ability to work independently and as part of team; have critical analytical and innovative mind set.

<b>S. No. 10</b>	
<b>POST CODE</b>	<b>JRF 99</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Satellite Based Mountain Hazard Assessment and Monitoring (MHAM) in Uttarakhand. Sub-Project : Glacial hazards
Essential Qualifications (Also refer Para 3)	<p><b>M.Tech. / M.Sc. (Tech)</b> in Geophysics /Applied Geology / Geosciences / Geo Exploration / Geo Engg. / Earth Science or Geo-Informatics/ Geomatics/ Remote Sensing and GIS, or equivalent subject with specialization / dissertation topic in Geoscience.</p> <p style="text-align: center;"><b>(OR)</b></p>

	<b>M.Sc.</b> in Geology / Applied Geology / Geophysics or equivalent subject with any of the subject Physics / Mathematics / Chemistry / Computer Science at B.Sc. level and Post Graduate Diploma (PGD) in Remote Sensing and GIS.
Desirable Qualification	<p>Candidates should have experience of working in the topics related to glaciology and mountain hazards using Remote Sensing and GIS, ability to carry out glaciological field work in high altitude regions of Himalaya, excellent computational skill, knowledge of computer programming Python/ MatLab. Ability to work independently and as part of team; have analytical and innovative mind-set.</p> <p>Candidates should have excellent English writing skills; ability to work independently and also as part of a team; Candidates should be creative, critical analytical and should have innovative mind-set.</p>

<b>S. No. 11</b>	
<b>POST CODE</b>	<b>JRF 100</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	<p>Spatial Data Infrastructure (SDI) Geoportal with Allied Database Development for UT-Ladakh Sub Theme: Numerical Modelling of Weather and Solar Parameters using WRF</p>
Essential Qualifications (Also refer Para 3)	<p><b>M.Sc.</b> in Physics / Mathematics/ Atmospheric Science / Meteorology, or equivalent. Candidates must have studied Physics/Mathematics as a subject during Graduation level.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Tech.</b> in Atmospheric Science/Meteorology/RS and GIS applications in Atmospheric Sciences. Candidates must have studied Physics/Mathematics as a subject during Graduation level.</p>
Desirable Qualification	<p>Knowledge of MatLAB/ R with good programming skills in FORTRAN/C/C++/Python, experience of working on LINUX platform, atmospheric/meteorological data analysis and numerical weather prediction models.</p>

<b>S. No. 12</b>	
<b>POST CODE</b>	<b>JRF 101</b>
No. of Position(s)	<b>04 (Four)</b>
Project Name	<p>Retrieval of Geophysical Parameters using Global Navigation Satellite System (GNSS) / Indian Regional Navigation Satellite System (IRNSS) Signals.</p>
Essential Qualifications (Also refer Para 3)	<p><b>M.E. / M.Tech.</b> in Remote Sensing / GIS / Geoinformatics / Geomatics/ Electronics and Communication Engineering / Computer Science/ Computer Science and Engineering / or Equivalent.</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>M.Sc.</b> Physics / Computer Science/ Agriculture (any branch)/ or Equivalent</p> <p style="text-align: center;"><b>(OR)</b></p> <p><b>B.E. / B.Tech.</b> in Electronics &amp; Communication Engineering / Computer Science/ Computer Science Engineering / Agriculture Engg./ Civil Engg./ Water Resources Engg./ Hydrology/ Computer Science/ Geoinformatics/ Remote Sensing &amp; GIS/ or Equivalent .</p>

Desirable Qualification	Knowledge on GNSS-Reflectometry, Signal processing, GNSS Signals, Earth Observation, Rada/r Microwave Remote Sensing, SAR. Knowledge of Soil Moisture /Vegetarian Parameters retrieval using microwave remote sensing. Experience of Ground Truth data collection. Programming experience in MATLAB, Python, IDL, GrADS, R, or other. Excellent writing skills in English.
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<b>S. No. 13</b>	
<b>POST CODE</b>	<b>JRF 102</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Spatial Data Infrastructure (SDI) Geoportal with Allied Database Development for UT Ladakh. Sub-Theme: SDI, Geoportal and DSS Tools Development
Essential Qualifications (Also refer Para 3)	<b>M.Sc. / M.Sc. (Tech)/ M.Tech.</b> in Geoinformatics / Remote Sensing & GIS / Mathematics / Applied Mathematics / Physics / Applied Physics / Computer Science / IT, or equivalent subject. <b>(OR)</b> <b>B.E. / B.Tech.</b> in Geoinformatics / Computer Science/ IT or equivalent subject.
Desirable Qualification	Proficiency in Computer Programming (Python), knowledge in Digital Image Processing, GIS, Spatial Database Handling and Machine Learning.

<b>S. No. 14</b>	
<b>POST CODE</b>	<b>JRF 103</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Geo-Ganga: Space Based Mapping and Monitoring of Ganga River
Essential Qualifications (Also refer Para 3)	<b>M.Tech.</b> in Civil Engg./Water Resources Engg./Hydrology/Environmental Engg./Computer Science/Geo-informatics/Remote Sensing & GIS or equivalent. <b>(OR)</b> <b>B.E. / B.Tech.</b> in Civil Engg./Water Resources Engg./Hydrology/Environmental Engg./Computer Science/Geo-informatics/Remote Sensing & GIS ,or equivalent. <b>(OR)</b> <b>M.Sc.</b> in Physics/Mathematics/Chemistry/Geo-informatics or equivalent with Mathematics as a subject at Graduation level.
Desirable Qualification	<ul style="list-style-type: none"> <li>• Knowledge of hydrology, remote sensing data processing, water quality analysis, geospatial data management, hydrological modelling and computer programming (Python/Matlab)</li> <li>• Preference will be given to the candidates having experience in field data collection and analysis for water quality and/or hydrological studies.</li> </ul>

<b>S. No. 15</b>	
<b>POST CODE</b>	<b>JRF 104</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Geo-Ganga: Space Based Mapping and Monitoring of Ganga River
Essential Qualifications (Also refer Para 3)	<b>M.E./M.Tech.</b> in IT/ Comp. Sci./ Geo-informatics/ M.SC. Geo-informatics, or equivalent. <b>(OR)</b> <b>B.E. / B.Tech.</b> in IT/ Comp. Sci./ Geoinformatics or equivalent.
Desirable Qualification	<ul style="list-style-type: none"> <li>• Knowledge of computer programming (Java, Java Script, Python, etc.), Web Development on open-source platforms, remote sensing data processing, geospatial data management.</li> <li>• Preference will be given to the candidates having experience in building web portal ArcGIS enterprise platforms and android based mobile application development.</li> </ul>

<b>S. No. 16</b>	
<b>POST CODE</b>	<b>JRF 105</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Mountain Ecosystem Project (Phase-II) <b>Sub-Theme:</b> Observational and simulation study of extreme rainfall over the North-West Himalayan Region.
Essential Qualifications (Also refer Para 3)	<b>M.Sc.</b> in Physics/ Mathematics/ Atmospheric Science/ Meteorology/ Computer Science. Candidates must have studied Physics/ Mathematics as a subject during Graduation level. <b>(OR)</b> <b>M.Tech.</b> in Atmospheric Science/ Meteorology/ RS and GIS Application in Atmospheric Sciences. Candidate must have studied Physics/ Mathematics as a subject during Graduation level.
Desirable Qualification	Knowledge of MatLAB/ R with good programming skills in FORTRAN/C/C++/Python, experience of working on LINUX platform, atmospheric/meteorological data analysis/ and numerical weather prediction models.

<b>S. No. 17</b>	
<b>POST CODE</b>	<b>RS 07</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Geo-Ganga: Space Based Mapping and Monitoring of Ganga River
Essential Qualifications (Also refer Para 3)	<b>M.Tech.</b> in Civil Engg./Water Resources Engg./Hydrology/Environmental Engg./Computer Science/Geo-informatics/Remote Sensing & GIS, or equivalent.
Desirable Qualification	<ul style="list-style-type: none"> <li>• Knowledge of hydrology, remote sensing data processing, water quality analysis, geospatial data management, hydrological modelling and computer programming (Python/Matlab)</li> <li>• Preference will be given to the candidates having experience in field data collection and analysis for water quality and/or hydrological studies.</li> </ul>

<b>S. No. 18</b>	
<b>POST CODE</b>	<b>RS 08</b>
No. of Position(s)	<b>01 (One)</b>
Project Name	Geo-Ganga: Space Based Mapping and Monitoring of Ganga River
Essential Qualifications (Also refer Para 3)	<b>M.E./M.Tech.</b> in IT/ Comp. Sci./ Geo-informatics/ M.SC. Geo-informatics, or equivalent.
Desirable Qualification	<ul style="list-style-type: none"> <li>• Knowledge of computer programming (Java, Java Script, Python, etc.), Web Development on open-source platforms, remote sensing data processing, geospatial data management,</li> <li>• Preference will be given to the candidates having experience in building web portal ArcGIS enterprise platforms and android based mobile application development.</li> </ul>

**3. Minimum essential qualifying percentage/CGPA common for JRF post. (S. No.1 to 16).**

**3.1 Minimum passing percentage / CGPA/ CPI in qualifying degree.**

- A.** B.Tech. / B.E. degree should be in First class with an aggregate minimum of 65% (average of all semesters) or CGPA/CPI grading of 6.84 on a 10 scale or equivalent.
- B.** M.Sc. degree should be in First class with an aggregate minimum of 65% (average of all semesters) or CGPA/CPI grading of 6.84 on a 10 scale or equivalent.
- C.** M.Tech. degree should be in First class with an aggregate minimum of 60% or CGPA/CPI grading of 6.5 on a 10 scale or equivalent.
- D.** The candidate must be **NET/GATE/IIRS-JET or Equivalent**\*1 qualified in any year in relevant subject. (Required for the post of JRFs only)

**Note\*1:** **NET/GATE/IIRS-JET/ Equivalent qualification for JRFs** means Scholars who are selected through National Eligibility Tests (i.e. CSIR-UGC NET including lectureship/Assistant Professorship; GATE conducted by MHRD; and IIRS-JET conducted by IIRS/ISRO) or through any national level examination conducted by Central Government Department/ Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc., IISER etc. for admission to Ph.D. programme. The candidates qualifying the IIRS-JRF Eligibility Test (IIRS-JET) shall be considered as equivalent to NET. The following examinations in relevant discipline can also be equated to NET.

- i. Joint Admission Test (JAM) conducted by MHRD.
- ii. Graduate Pharmacy Aptitude Test (GPAT) conducted by MHRD.
- iii. Biotechnology Eligibility Test & Test conducted in Bio-informatics by Bio-informatics National Consortium.
- iv. Joint Entrance Screening Test (JEST), Joint Graduate Entrance Examination for Biology & Interdisciplinary Life Sciences (JGEEBILS) conducted by the Department of Atomic Energy.
- v. JRF Entrance Examination conducted by the Indian Council of Medical Research.



- vi. All India Competitive Examination (AICE) conducted by the Indian Council of Agricultural Research.

#### **4. Minimum Essential Qualifications / conditions common for Research Scientist post (S. No.17 & S. No. 18).**

##### **4.1 Minimum passing percentage / CGPA/ CPI in qualifying degree.**

- A. B. Tech. / B.E. degree should be in First class with an aggregate minimum of 65% (average of all semesters) or CGPA/CPI grading of 6.84 on a 10 scale or equivalent.
- B. M.Sc. degree should be in First class with an aggregate minimum of 65% (average of all semesters) or CGPA/CPI grading of 6.84 on a 10 scale or equivalent.
- C. M.Tech. degree should be in First class with an aggregate minimum of 60% or CGPA/CPI grading of 6.5 on a 10 scale or equivalent.

##### **4.2 Age Limit**

**JRF:** 28 years as on the date of Walk-in Interview but relaxable for 5 years in case of SC/ST candidates and 3 years in case of OBC candidates.

**Research Scientist:** 35 years as on the **date of Walk-in Interview**. Relaxable for 5 years in case of SC/ST candidates and 3 years in case of OBC candidates. Ex- Servicemen, Meritorious Sportspersons & Persons with Benchmark Disability (PWBD) are eligible for age relaxation as per Government of India orders. Candidates claiming age relaxation have to submit valid documentary proof.

**4.3 Physical Requirement:** Candidates should fulfil the following physical Requirement for the Research Scientist Posts- S=Sitting, ST=Standing, W=Walking, BN=Bending, L=Lifting, KC=Kneeling & Crouching, JU=Jumping, CRL=Crawling, CL=Climbing, MF= Manipulation by Fingers, RW= Reading & Writing, SE=Seeing, H=Hearing, C=Communication, BLA=both legs & Arms, PP=Pulling & Pushing.

Persons with Disability are eligible for age relaxation as per rules.

##### **4.4 Fellowship & Duration:**

**JRF:** JRFs will be paid an amount of **₹31,000/- (Rupees Thirty-One Thousand only)** per month as fellowship. Dearness Allowance (DA) is not admissible. However, they will be eligible for House Rent Allowance (HRA) as per the rules of the 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 as per the rules of IIRS. As per the DOS / ISRO rules, JRFs are eligible for casual leave only. Maternity leave to female JRFs shall be as per the DOS / ISRO guidelines. Annual increment, LTC, CCA, retirement benefits, etc. are not admissible. The initial appointment shall be for one-year duration (Subject to availability of funds) or till the project duration and further extendable subject to satisfactory performance and availability of funds in the project. All the positions are co-terminus with the project. The maximum period of engagement of JRF shall not exceed FIVE years. **The fellowship will not confer any claim or right for regular appointment in any DOS/ISRO Centre.**

**Research Scientist:** The initial appointment shall be for one-year duration (Subject to availability of funds) or till the project duration and further extendable subject to satisfactory performance and availability of funds in the project. All the positions are co-terminus with the project. The Research Scientist(s) will be engaged purely on CONTRACT BASIS for a period not exceeding THREE YEARS. There will be a review of the progress of the work

before the renewal every year. Selected candidates will be offered the fellowship as Research Scientist in the Level 10 of the Pay Matrix (₹56100-177500). The fellowship will be fixed in the minimum of Pay Band (i.e. at present ₹56100/-). In addition, DA, HRA and medical benefits for self only will be allowed as per rules. They will be allowed to avail the CHSS (medical) facility for self only. Leave and other service benefits shall be as per the IIRS/ISRO/Department of Space guidelines. Annual increment, CCA, Bonus, LTC, retirement benefits, etc. are not admissible. The fellowship will not confer any claim or right for regular appointment in any DOS/ISRO Centre.

**The JRFs for Post Sl. No. 13 (Post Code: JRF 102), may be required to work and stay at any location in India including Ladakh during their tenure for Project work/ Research.**

5. The Director, IIRS reserves the right to cancel/postpone the interview without any reason thereof. He also reserves the right to terminate the contract, even before completion of the project for which no appeal thereof shall be made.

**6. Selection process:** On the date of walk-in interview, the candidates will have to submit the Application Form along with self-attested copies of their Mark sheets / Degrees, Caste certificates, NOC, Declaration etc. The walk-in interview of eligible candidates will be conducted by the selection committee and based on performance in the interview, selection panel will be declared based on merit. The qualification prescribed is the minimum requirement and possessing the same does not automatically make candidate eligible for the interview. In case of large number of candidates appearing for walk-in interview then they may be interviewed on the next day, therefore, candidates are advised to accordingly make their necessary arrangement for accommodation in Dehradun. In case of selection, at the time of joining the selected candidate's qualifying degree / mark sheets/ NOC / certificates etc. will be verified with the original. In case the candidate is found ineligible his/her candidature shall be summarily rejected. Therefore, candidates are advised to carefully satisfy themselves regarding their meeting of minimum eligibility qualification / conditions before appearing for interview.

**! IMPORTANT NOTE!**

***All the advertised positions are temporary and subject to fund availability, under the budget for the project. Therefore, the candidates who are declared 'Selected / Waitlisted' based on their performance in interview does not automatically confer them any right. IIRS/ISRO reserves the right not to fill up all or any of the position, if it so decides.***

**7. Schedule for walk-in interview:**

S. No.	Post Code	Day Date of interview	Reporting Venue / Time
01.	JRF 91, 100, 105, 90, 98, 99	03.07.2023	IIRS Security Reception IIRS, ISRO/DOS 4 Kalidas Road, Dehradun-248001 <b>Reporting time : 08:30AM</b>
02.	JRF 92, 93, 94, 96, 97, 103, RS-07,	04.07.2023	
03	JRF 101, 102, 104, RS-08	05.07.2023	

**8. How to apply:**

- a. Candidates will have to FILL the Interview Application Form (Annexure) and bring it on the date of Walk-in Interview along with the self-attested copies of all their educational qualification mark sheets/ degree certificates etc. All applicants have to provide (mandatory) e-mail ID for future correspondence/ reference since all future communications will be made through email only. Applicants are advised to check their email and visit the IIRS website from time to time, in this regard. IIRS will not take responsibility for non-receipt/ late intimation regarding call letters or delay in communication due to technical reasons or whatsoever to the candidates. **Application Form send to IIRS by mail/post or any other mode will not be entertained as this is a Walk-In Interview and Application Forms will be submitted on the spot only. Applicants applying for multiple positions will be required to submit separate application forms for each post.**
- b. **Government strives to have a workforce which reflects gender balance and women candidates are encouraged to apply.**

**9. Other conditions/instructions:**

- i. Candidates who already have the minimum essential qualification including NET/ GATE/ IIRS-JET or equivalent and meet other eligibility conditions are only eligible to appear in walk-in interview for the JRF positions. **Candidates/ students awaiting for final result are not eligible and need not apply.**
- ii. All applicants must fulfil the minimum essential qualification requirements of the post and other conditions stipulated in the advertisement. Mere fulfillment of the qualitative requirements of the posts will not entail a candidate to be selected. They are advised to satisfy themselves before appearing in the walk-in interview that they possess at least the essential qualifications laid down for various posts. No enquiry asking for advice on the eligibility will be entertained.
- iii. Original education, experience, Caste/ Tribe, identity certificate shall be produced at the time of joining, otherwise the candidature of the candidate will be cancelled.
- iv. **Date of walk-in interview will be the cut-off date for all purposes like age, qualification, etc. Any request for change of address/email-id for communication will NOT be entertained.**
- v. The selected JRFs will work on specific research theme (project). JRFs can register for Ph.D. degree in any university subject to guidelines/policies. Selected candidates (JRFs) should be willing to work anywhere in India (including remote places) and partake in field experiments as per requirements.
- vi. Canvassing in any form will result in disqualification.
- vii. If any information furnished in the application is found to be false or wrong at any stage, the candidature shall be cancelled.
- viii. CGPA/CPI shall be converted into percentage of marks as per the candidate's university norms.
- ix. Those who are already in employment under the Central Government/ State Government/Public Sector Undertaking/ Autonomous Body or any other Organisation which is aided by the Government, shall produce "**No Objection Certificate**" from the

employer at the time of Walk-in interview and also at the time of joining, otherwise the candidature of the candidate shall be cancelled.

- x. Only Indian Nationals are eligible to apply.
- xi. In case of foreign degree holders where the documents/degree/certificates are not in English then translation and authorized transcription must be attached and equivalency certificate from Association of Indian University (A.I.U.) must also be submitted. Failure to produce equivalency certificate at the time of interview shall be a disqualification. Further, equivalency of subject(s) mentioned in essential qualification will be decided by IIRS, which shall be final.
- xii. All interviews will be conducted at IIRS, Dehradun. However, in compliance to COVID prevention protocol and maintaining social distancing norms at IIRS, Dehradun is recommended.
- xiii. IIRS, Dehradun is located at about 05 km from Dehradun railway station and 10 km from ISBT, Dehradun. In order to reach the venue, you may board Vikram (blue color passenger tempo) up to Clock Tower and then from Astley Hall to Hathibarkala Post Office in order to reach the venue.
- xiv. Outstation candidates who are found eligible for the interview will be reimbursed to and fro second class train fare by shortest route from the place mentioned in the Application Form to Dehradun on production of proof of travel. In case of travel by bus, the actual fare paid by candidate or second class train fare, whichever is less will be reimbursed. If candidate travels by bus, then he/she have to produce bus tickets and if he/she travels by train, s/he have to furnish either the train ticket(s) or PNR number(s) without which the TA claim will not be admissible. Sleeper class fare will be paid subject to production of railway ticket only.
- xv. Candidates will be asked to prove their identity by showing any govt. issued identification card such as DL/AADHAAR/passport/registered mobile no. etc. before appearing in interview.
- xvi. Candidates must bring with self-attested copies of their marks/grade cards/ certificates/ degrees including experience certificate, if applicable, in support of the declaration they have made in the Application.

\*\*\*\*\*

भारत सरकार Government of India  
अंतरिक्ष विभाग Department of Space  
भारतीय अंतरिक्ष अनुसन्धान संगठन Indian Space Research Organisation  
भारतीय सुदूर संवेदन संस्थान, देहरादून Indian Institute of Remote Sensing, Dehradun

Advertisement No. \_\_\_\_\_

1: Post:\* .....

2: Post Code:\* .....

3: Date of Interview \* .....

Paste your recent  
passport size  
photograph

**\*Mandatory Field**  
**Personal Details:**

4: Full Name (In Capital):\*  
(First).....(Middle).....(Surname).....

5: Father's/Husband's Name:\* .....

6: Date of Birth:\* ..... Nationality:\* .....

7: Gender\*(Please ✓ your category)

MALE

FEMALE

8: Category:\* (Please ✓ your category)

~

~ Physically  
Handicapped

SC

ST

OBC

GEN

EWS

Ex-Ser

9: Permanent Address\*

a: Address Line 1\*:  
.....  
.....

b:Address Line 2:  
.....  
.....

c: District\*.....

d:  
State\*.....

e:  
PIN:\*.....

10. Correspondence Address\*

Same as permanent address

a: Address Line 1\*:  
.....  
.....

b:Address Line 2:  
.....  
.....

c: District\*.....

d: State\*.....

e: PIN:\*.....

10: Email ID.....

11: Mobile No:\*.....

**12. Qualification Details:** (Please enclose self attested copies of mark sheet / degree)

Exam Passed	Name of the Course	Subject/ Specialization	Board/University /Institute	Year of Passing	% Marks	Division/ Grade
High School: 10 <sup>th</sup>						
Intermediate: 10+2						
Graduation: <sup>*1</sup> B.Sc/ B.Tech/ B.E.						
Post-Graduation: <sup>*2</sup> M.Sc/M.Tech/M.E.						
NET/Equivalent: <sup>*3</sup>						
PhD:						
Others(1):						
Others (2):						

<sup>\*1, \*2:</sup> M.Sc. /B.E./B.Tech. Degree should be in first class with an aggregate minimum of 65% (average of all semesters) or CGPA / CPI grading of 6.84 on a 10 scale or equivalent. M.E. /M. Tech or its equivalent degree should be in first class with an aggregate minimum of 60% or CGPA/CPI grading of 6.5 on a 10 scale or equivalent.

**The NET /GATE REQUIREMENT IS ONLY FOR JRF POST CODES**

<sup>\*3:</sup> NET or Equivalent The candidate must be qualified in any year in relevant subject only for JRF posts.

**Note:** NET or equivalent qualification is essential wherever prescribed. Any national level examination conducted by Central Government Department / Agencies for admission to Ph.D. programme are considered Equivalent to NET. The following examinations can also been 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 the Department of Atomic Energy.
- vii. JRF Entrance Examination conducted by the Indian Council of Medical Research.
- viii. All India Competition Examination (AICE) conducted by the Indian Council of Agricultural Research.
- ix. NET or equivalent qualified in any period.
- x. Qualified IIRS JRF Eligibility Test.

13.

Experience in Remote Sensing & GIS and Computer Knowledge:	
Details of Research Work/ Publications, if any:	

(Additional sheets may be added if required)

14. Are you an employee of: (Mark appropriate box)

- a. Government (central/state)     b. Semi-government/PSU     c. Private company   
 d. Autonomous body     e. Un-employed

15. Work Experience Details: (Please enclose self attested copies of joining / relieving letter )

Name of the Employer	Designation	Nature of Duties	Reason for Leaving	Last salary Drawn (per month)	Length of Service

(Additional sheets may be added if required)

**Important:** Those who are already in employment under the Central Government/State Government/Public Sector Undertaking/Autonomous Body or any other 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.

Information provided by myself in the above application form is correct and true.

Place: DEHRADUN

Signature of Candidate:\*

Date:

**Government of India  
Indian Space Research Organisation  
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN**

**RECRUITMENT**

ADVT. NO.

Declaration to be signed by the candidate at the time of interview:

I hereby declare that, I am

- |     |   |   |        |
|-----|---|---|--------|
| (a) | Employed in a Government/Quasi Govt/<br>Autonomous Organisation | : | YES/NO |
| (b) | Employed in a Private Organisation                              | : | YES/NO |
| (c) | Un-employed   | : | YES/NO |

Date :

Signature :

Name :  
(in block letters)

Present Official address  
in full, if employed



GOVERNMENT OF INDIA  
INDIAN SPACE RESEARCH ORGNISATION  
INDIAN INSTITUTE OF REMOTE SENSING, DEHRADUN

TA CLAIM OF THE CANDIDATES APPEARING IN WALK-IN INTERVIEW

Advt: No. \_\_\_\_\_

Name of Candidate	
Roll No.	POST CODE:
Date Of <b>INTERVIEW</b>	

POST CODE NUMBER

Particulars Of Journey Performed:-

Particulars	Onward Journey	Return Journey
Starting Station		
Destination Station		
Mode & class Of Travel		
Date Of Journey		
Fare paid		
Total Fare		

Ticket No (enclosed) : \_\_\_\_\_

I Certify that the above particulars are correct. I also undertake to perform the return journey by the same class to the destination.

ATTACH TICKET IN ORIGINAL

Signature Of Candidate

Place: DEHRADUN

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

FOR OFFICE USE ONLY

Certified that Shri /Smt./Kum. \_\_\_\_\_ has attended the INTERVIEW held on \_\_\_\_\_ / \_\_\_\_\_ for the post of JUNIOR RESEARCH FELLOW / RESEARCH ASSOCIATE

AO/ Head P&GA

BR No. \_\_\_\_\_ dated \_\_\_\_\_ Passed for ₹ \_\_\_\_\_ (Rupees \_\_\_\_\_ Only)

Senior Accounts Officer

RECEIPT

Received Cash/ Cheque No. \_\_\_\_\_ for ₹ \_\_\_\_\_ (Rupees \_\_\_\_\_ Only) Towards Train/ Air fare.

Place: DEHRADUN

Dated: \_\_\_\_\_

Signature

MANDATE FORM

Electronic Clearing Service (Credit Clearing)/ Real Time Gross Settlement (RTGS)

facility for receiving payments

A. Details of Accounts Holders:-

Name of account Holder	
Complete Contact Address	
Telephone Number/Fax/ E-mail	

B. Bank Account Details:-

Bank Name	
Branch Name with complete Address, Telephone No. and E-mail	
Whether the Branch is computerized?	
Whether the Branch is RTGS enabled? If yes then what is the Branch is computerized	
Is the Branch also NEFT enabled?	
Type of Bank (SB/Current/Cash Credit)	
Complete Bank Account No.(Latest)	
MICR Code of Bank <b>and IFSC Code</b>	

C. Candidate Details:-

Address	
Email Id	
Contact No.	

Date Of Effect:

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I would not hold the use institution responsible, I have read the option invitation letter and agree to discharge responsibility expected of me as a participant under the Scheme.

Date:

Signature of Customer  
**CANDIDATE**