भारतसरकार Government of India
अंतरिक्षविभाग Department of Space
भारतीय अंतरिक्ष अनुसन्धान संगठन Indian Space Research Organisation
भारतीय सुदूर संवेदनसंस्थान , देहरादून Indian Institute of Remote Sensing, Dehradun

भर्ती सूचना / RECRUITMENT NOTICE

Advt. No.: IIRS/P&GA/GA/27 **Date: 23/09/2019**

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 operationalization of space-based services for national development.

Young and motivated candidates are invited for the **Walk-in Interview** for the **Seventeen (17)** temporary positions of **Junior Research Fellow** (JRF) and **Two (02)** temporary positions of **Research Associate (RA)** under the following research projects:

S. No. 1	
POST CODE	**JRF 39**
No. of Position(s)	**One (01)**
Project Name	Flood Mapping and River Morphological Study using L and S Band Air-SAR Data and Data Assimilation in Hydrodynamic Models.
Essential Qualifications	**B.E./B. Tech** in Agriculture Engg./ Civil Engg. / Water Resources Engg./ Hydrology / Computer Science / Electronics and Communication Engg. / Geoinformatics / Remote Sensing & GIS or equivalent. 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. The candidate must be **NET or Equivalent**[*1] qualified in any year in relevant subject. **(OR)** **M.Sc.** in Physics / Mathematics / Remote Sensing & GIS/ Geoinformatics/ Atmospheric Sciences or equivalent with Mathematics as a subject at Graduation level. 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. The candidate must be **NET or Equivalent**[*1] qualified in any year in relevant subject. **(OR)** **M. Tech** in Agriculture Engg. / Civil Engg. / Water Resources Engg./ Hydrology / Computer Science / Electronics and Communication Engg./ Geoinformatics. / Remote Sensing & GIS or equivalent. M.E. /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. The candidate must be **NET or Equivalent**[*1] qualified in any year in relevant subject.
Desirable Qualification	Candidates having Computer programming skills for hydrology and computer programming (Python, C++, Java, PhP, PostgreSQL, etc.) will be given preference.

2319

Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 2	
POST CODE	**JRF 40**
No. of Position(s)	**One (01)**
Project Name	Soil Moisture Retrieval and Irrigated area Mapping using L and S band Air SAR data and Data assimilation in Land Surface Models.
Essential Qualifications	**B.E./B. Tech** in Agriculture Engg. / Civil Engg. / Water Resources Engg. / Hydrology / Computer Science / Electronics and Communication Engg. / Geoinformatics. / Remote Sensing & GIS or equivalent. B.E. /B. Tech degree should be in first class with an aggregate minimum of 65% or CGPA/CPI grading of 6.84 on a 10 scale or equivalent. The candidate must be **NET or Equivalent***[1] qualified in any year in relevant subject. **(OR)** **M.Sc.** in Physics / Mathematics / Remote Sensing & GIS/ Geoinformatics / Atmospheric Sciences or equivalent with Mathematics as a subject at Graduation level. 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. The candidate must be **NET or Equivalent***[1] qualified in any year in relevant subject. **(OR)** **M. Tech** in Agriculture Engg. / Civil Engg. / Water Resources Engg./ Hydrology / Computer Science / Electronics and Communication Engg. / Geoinformatics. / Remote Sensing & GIS or equivalent. M.E. /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. The candidate must be **NET or Equivalent***[1] qualified in any year in relevant subject.
Desirable Qualification	Candidates with knowledge of hydrology and computer programming (Python, C++, Java, php, PostgreSQL, etc.) will be given preference.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 3	
POST CODE	**JRF 41**
No. of Position(s)	**One (01)**
Project Name	EOAM Project: Multi-sensor integration for digital recording, reconstruction and realistic 3D Modelling of UNESCO World heritage sites in Northern India.

23/9

Essential Qualifications	**M.Tech./ M.E.** (with B.Tech in Computer science/IT) in Computer Science / Computer Science & Engineering (CSE) / Software Engineering degree from a recognized university or institution. M.Tech/M.E. 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 candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **B.Tech/B.E.** in Computer Science/IT/Computer Science & Engineering (CSE)/Software Engineering from a recognized university or institution. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **M.Sc.** from a recognized university or institution in Computer Science/IT with Physics or Mathematics as one subject at Graduation level. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	Knowledge of Python, C++, Java Script, php, PostgreSQL. Experience in GIS database creation and management using Open Source and commercial software's.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 4	
POST CODE	**JRF 42**
No. of Position(s)	**One (01)**
Project Name	EOAM Project: Multi-sensor integration for digital recording, reconstruction and realistic 3D Modelling of UNESCO World heritage sites in Northern India.
Essential Qualifications	**M.Sc.** from a recognized university or institution in Physics / Applied Physics / Mathematics / Applied Mathematics / Geomatics / Geoinformatics / Remote Sensing or equivalent with Physics or Mathematics as one subject at Graduation level. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **M.Tech./M.E.** from a recognized university or institution in Civil Engineering / Geomatics / Geoinformatics / Remote Sensing or equivalent **with** (a) B.E./B.Tech. in Civil / Electronics / ECE / Computer Science /

23/9

	Computer Science & Engineering (CSE) / Software Engineering / IT / Geomatics / Geoinformatics / Remote Sensing and GIS or equivalent; **or with** (b) M.Sc. (Physics/Mathematics/Geology) or equivalent. M.Tech or 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 candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **B.Tech/B.E.** in Civil / Geomatics / Geoinformatics from a recognized university or institution; 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	Knowledge of Remote Sensing, computer programming and surveying. Knowledge of Python, C++, Java Script, php, PostgreSQL. Experience in GIS database creation and management using Open Source and commercial software's.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 5	
POST CODE	**JRF 43**
No. of Position(s)	**Two (02)**
Project Name	SUFALAM-Extending crop inventory to new crops.
Essential Qualifications	**M.Sc.** Agriculture (Agriculture Physics / Agro-meteorology / Agronomy / Plant physiology / Environmental Science) OR **M.Sc.** in Physics/ Botany / Plant Physiology / Environmental Science. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **M. Tech** in Remote Sensing & GIS or equivalent with dissertation in agriculture / ecology / environmental science. ME / 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 candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	Computer programming skill in Python, MATLAB, R, IDL etc. will be given preference; Knowledge of optical/microwave remote sensing and image processing for agriculture is preferable.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project

23/9

	depending on the yearly performance review of the candidate and continuity of the project.

S. No. 6	
POST CODE	**JRF 44**
No. of Position(s)	**One (01)**
Project Name	Aerosol Radiative Forcing Over India (ARFI) - ISRO-GBP.
Essential Qualifications	**M.Sc.** from a recognized university or institution in Physics / Atmospheric Science / Meteorology / Environmental Science / Remote Sensing & GIS or equivalent. Candidate must have studied physics and mathematics as a subject during graduation level. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **M.Tech** in Atmospheric Science/ Remote Sensing & GIS or equivalent with dissertation in Atmospheric Science. M.Tech or 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 candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	Knowledge of RS & GIS application to Atmospheric Science and Computer programming skills will be given preference.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 7	
POST CODE	**JRF 45**
No. of Position(s)	**One (01)**
Project Name	Indian Bio resource Information Network (IBIN)
Essential Qualifications	**M.E. / M.Tech. / M.Sc**. in Computer Science/ Computer Science & Engineering (CSE)/ Software Engineering/ Geo-Informatics/ Information Technology/Geomatics/Remote Sensing & Geographic Information System (GIS) or equivalent. M.Tech or 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. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	Knowledge in designing and developing Web based GIS applications using FOSS4G tools (Geoserver, Mapserver, PostgreSQL/PostGIS, OpenLayers, Leaflet etc) & Mobile app development GIS database creation and management using open source and COTS Software's. Experience candidates will be given preference.

23/9

Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 8	
POST CODE	**JRF 46**
No. of Position(s)	**One (01)**
Project Name	DMSP project on Rainfall threshold based modelling and DInSAR based landslide movement detection and modelling.
Essential Qualifications	**M.Tech.** Geology/Geophysics. 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 candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **M.Sc.** in Geology/ Applied Geology with Physics or Mathematics at B.Sc. level. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	RS & GIS background.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 9	
POST CODE	**JRF 47**
No. of Position(s)	**One (01)**
Project Name	AIRSAR-AO: Snow physical parameter retrieval and glacier dynamics study using L and S band Air-SAR data and assimilation in snow/glacier models.
Essential Qualifications	**B. Tech** in Agriculture Engg./ Civil Engg. / Computer Sciences/ Geoinformatics / Remote Sensing & GIS or equivalent. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **M.Sc.** in Hydrology / Geology / Physics / Mathematics / Environmental Science / Geoinformatics or equivalent. M.Sc. degree should be in first class with an aggregate minimum of 65% (average of all semesters) or

23/9

	CGPA/CPI grading of 6.84 on a 10 scale or equivalent. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject. **(OR)** **M. Tech** in Agriculture Engg. / Civil Engg. / Water Resources Engg./ Hydrology / Computer Science / Geoinformatics. / Remote Sensing & GIS or equivalent. M.E. /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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject.
Desirable Qualification	Candidates with knowledge of hydrology, SAR data processing and computer programming (python and matlab) will be given preference.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 10	
POST CODE	**JRF 48**
No. of Position(s)	**One (01)**
Project Name	SCATSAT-SUP: Algorithm development for Snow Water Equivalent Retrieval in North West Himalaya and wind fields at polar Marginal Ice Zones using K_u – band SCATSAT-1 scatterometer and SAR data.
Essential Qualifications	**B. Tech** in Agriculture Engg./ Civil Engg. / Computer Sciences/ Geoinformatics / Remote Sensing & GIS or equivalent. 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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject. **(OR)** **M.Sc.** in Hydrology / Geology / Physics / Mathematics / Environmental Science / Geoinformatics or equivalent. 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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject. **(OR)** **M. Tech** in Agriculture Engg. / Civil Engg. / Water Resources Engg./ Hydrology / Computer Science / Geoinformatics. / Remote Sensing & GIS or equivalent. M.E. /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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject.
Desirable Qualification	Candidates with knowledge of hydrology, Microwave data processing and computer programming (python and matlab) will be given preference.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project

23/9

	depending on the yearly performance review of the candidate and continuity of the project.

S. No. 11	
POST CODE	**JRF 49**
No. of Position(s)	**One (01)**
Project Name	Indian Bio resource Information Network (IBIN)
Essential Qualifications	**M.Sc.** in Forestry / Ecology / Environment management / Environmental Science / Botany / Wildlife Sciences / Biodiversity and Conservation or equivalent from a recognized university or institution. 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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject. **(OR)** **M.Tech.** in Remote Sensing and GIS or equivalent with dissertation in Forestry / Ecology / Environmental Science or **M.E./ M. Tech.** in Environmental Engineering with dissertation in Forestry / Ecology / Environmental Science. M.E / M.Tech or 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 candidate must be **NET or Equivalent*1** qualified in any year in relevant subject.
Desirable Qualification	Knowledge of plant taxonomy and application of remote sensing and GIS in forestry and ecology.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 12	
POST CODE	**JRF 50**
No. of Position(s)	**One (01)**
Project Name	Carbon Dynamics Assessment in Tropical Forests of Northeast India using Multi-Sensor Data.
Essential Qualifications	**M.Sc.** in Forestry / Ecology / Environment management / Environmental Science / Botany or equivalent from a recognized university or institution. 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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject. **(OR)** **M.Tech.** in Remote Sensing and GIS or equivalent with dissertation in Forestry / Ecology / Environmental Science or **M.E./ M. Tech.** in Environmental Engineering with dissertation in Forestry / Ecology / Environmental Science. M.E / M.Tech or equivalent degree should be in

23/9

	First class with an aggregate minimum of 60% or CGPA/CPI grading of 6.5 on a 10 scale or equivalent. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	Knowledge of Remote Sensing and GIS in Forestry and Ecology.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 13	
POST CODE	**JRF 51**
No. of Position(s)	**Two (02)**
Project Name	Spatio-Temporal variation of gaseous air pollutants over the Indian Subcontinent with a special emphasis on foothills of North Western Himalaya.
Essential Qualifications	**M.Sc.** in Physics / Atmospheric Science / Meteorology / Environmental Science / Mathematics / Remote Sensing & GIS or equivalent. Candidates must have studied Physics and Mathematics as a subject during Graduation level. 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. The candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject. **(OR)** **M.Tech.** in Physics / Atmospheric Science / Meteorology / Environmental Science / Mathematics / Remote Sensing & GIS or equivalent. M.Tech 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 candidate must be **NET or Equivalent*[1]** qualified in any year in relevant subject.
Desirable Qualification	Hands on experience of numerical models like WRF/ WRF-Chem, GEOS-Chem, GOCART, CHIMERE etc., Knowledge of RS&GIS applications to Atmospheric Science and computer programming skills will be given preference.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 14	
POST CODE	**JRF 52**
No. of Position(s)	**Two (02)**
Project Name	Understanding the Impact of Climate Change and its Variability on Hydrological Fluxes vis-à-vis Water Availability for Sustainable Development

Essential Qualifications	**B.E./B. Tech** in Agriculture Engg./ Civil Engg./Water Resources Engg./ Hydrology / Computer Science / Electronics and Communication Engg./Geoinformatics. / Remote Sensing & GIS or equivalent. 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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject. **(OR)** **M.Sc.** in Physics/ Mathematics / Remote Sensing & GIS/ Geoinformatics/Atmospheric Sciences / Environment Science or equivalent with Mathematics as a subject at Graduation level. 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. The candidate must be **NET or Equivalent*1** qualified in any year in relevant subject. **(OR)** **M. Tech** in Agriculture Engg./Civil Engg./Water Resources Engg./ Hydrology / Computer Science / Electronics and Communication Engg./Geoinformatics. / Remote Sensing & GIS or equivalent. M.Tech 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 candidate must be **NET or Equivalent*1** qualified in any year in relevant subject.
Desirable Qualification	Candidates with knowledge of hydrology and computer programming (Python, C++, Java, php, PostgreSQL, etc.) will be given preference.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project depending on the yearly performance review of the candidate and continuity of the project.

S. No. 15	
POST CODE	**RA 01**
No. of Position(s)	**Two (02)**
Project Name	Indian Bio resource Information Network (IBIN)
Essential Qualifications	Doctorate or equivalent degree in Remote Sensing & GIS/ Geomatics/Data Science/ Geoinfomatics /Computer Science & Engineering / Computer Applications or having minimum 3 years of research, teaching and design and development experience after ME / M.Tech. in Computer Science/IT with at least one research paper in Science Citation Indexed (SCI) journal.
Desirable Qualification	1. Knowledge in designing and developing WebGIS and geo-web services applications, GIS database creation, management and geo-analytical tools 2. Knowledge in Remote Sensing and GIS field.
Duration	The fellowship will be offered only up to March 2020 or an earlier date which shall depend on fund availability under the project. Duration may be extended for one year or further till the duration of the project

23/9

	depending on the yearly performance review of the candidate and continuity of the project.

Note*1: NET or equivalent qualification is essential wherever prescribed. 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 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.

Age limit (JRF): The age limit for JRF is 28 years 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.

Age limit (RA): Upper age limit: 35 years as on the **date of walk-in interview** (38 years for OBC candidates and 40 years in case of SC/ST candidates. Persons with Disability are eligible for age relaxation as per rules).

Fellowship & Duration (JRF): JRFs will be paid an amount of ***Rs 31000/- (Rupees Thirty one Thousand Only) per month as fellowship***. 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. As per the DOS / ISRO rules, JRFs are eligible for casual leave only. Maternity leave to female JRFs shall be as per the Department of Space /ISRO guidelines. DA, CCA, Bonus, LTC, retirement benefits, etc. are not admissible. 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.

Fellowship & Duration (RA): The Research Associateship is initially for a period of ONE YEAR and is renewable annually for a total period of two years (three years in exceptional cases). However, the duration of fellowship will also depend on the availability of continuity of the project and funds in the project. There will be a review of the progress of the work before the renewal every year. The RA position carries an amount of Rs 47000/- for the first year, Rs 49000/- for the second year and Rs 54000/- for the third year. 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. Research Associate 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. DA, 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.

Walk-in Interview Schedule at IIRS Dehradun on dates given below:-

SI. No.	Post Code(s)	Date & Time at IIRS Dehradun
01.	JRF39, JRF40, JRF47, JRF48, JRF 52	15th October 2019 (Tue) 0900 HRS
02.	JRF41, JRF45, RA01, JRF44, JRF51	16th October 2019 (Wed) 0900 HRS
03.	JRF49, JRF50, JRF42, JRF43, JRF 46	17th October 2019 (Thu) 0900 HRS

Reporting Venue: IIRS, Reception / CISF-Security Office
IIRS Campus
4 Kalidas Road, Dehradun,
Uttarakhand – 248 001.

Selection process: On the date of walk-in interview, the qualification of the candidates will be verified with the certificates and supporting documents and with eligibility criteria viz. age & essential qualification. The walk-in interview of eligible candidates will be conducted by the selection committee and on the basis of candidate's qualification and performance in the interview selection panel will be declared based on merit. The qualification prescribed is the minimum requirement and 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.

How to apply:

Candidates shall come for **walk-in interview** on the prescribed date with the duly filled application form along with original certificates in support of Qualification for verification. The application format is hosted on our website www.iirs.gov.in. There is NO need to send the duly-filled application form to IIRS by mail/post. Candidate need to bring duly filled application form at the time of walk-in interview only. Applicants applying for multiple positions are required to fill in separate application forms.

Candidates may please intimate their willingness to appear in interview by e-mail to pkbansal@iirs.gov.in.

If any query/doubt regarding eligibility, Candidates shall feel free to call/e-mail at 0135-2524324/pkbansal@iirs.gov.in.

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

23/9

Other conditions/instructions:

1. Only passed candidates are eligible to apply. Students awaiting for final result need not to apply.
2. **Original education, experience, Caste/Tribe, identity certificate shall be produced at the time of interview, otherwise the candidature of the candidate will be cancelled.**
3. **The selected JRFs /RA will work on specific research theme (project). JRFs can register for Ph.D. degree in any university. Selected candidates should be willing to work anywhere in India (including remote places) and partake in field experiments as per requirements.**
4. 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 interview.
5. Mere fulfillment of the qualitative requirements of the posts will not entail a candidate to be selected.
6. Canvassing in any form will result in disqualification.
7. IIRS/ISRO reserves the right not to fill up all or any of the position, if it so decides.
8. Any information furnished in the application is found to be false or wrong, the candidate will not be interviewed and TA will not be paid. (TA Claim form Enclosed)
9. No accommodation to attend the interview shall be provided or arranged by IIRS.
10. CGPA shall be converted into percentage of marks as per the candidate's university norms.
11. 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.
12. **Only Indian National needs to apply.**
13. No interim correspondence will be entertained.
14. **Candidates who fulfill all the minimum education qualification, age criteria and appear for interview will be paid railway fare of Sleeper Class or its equivalent ONLY on producing the necessary tickets and for the shortest route to Dehradun from declared present residence or permanent residence or place of boarding station as declared in the form.**
15. The interview venue is located about 05 km from Dehradun Railway Station and 10 km from ISBT, Dehradun. In order to reach the venue, you may board Vikram (Blue colour passenger Tempo) up to Clock Tower then from Astley Hall to Hathibarkala Post Office in order to reach the venue. In case of any difficulty, candidate may contact at 0135 – 2524349 (during working days 0900HRS to 1730HRS).

***

(A) APPLICATION FORM:

- **DO NOT SEND APPLICATION FORM TO US.**
- **FOR MULITPLE POSTIONS USE SEPARATE APPLICATION FORM.**
- **FOR WALK-IN INTERVIEW, PLEASE REPORT WITH FILLED UP APPLICATION.**

(B) TA Claim FORM:

(C) DECLARATION FORM

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. Advt. No.: IIRS/P&GA/GA/Rectt./27

Paste your recent passport size photograph

1: Post:*.....

2: Post Code:* .....

3: Date of Interview *.....

***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) SC ST OBC GEN

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:

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

***1, *2:** 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.

***3 : NET or Equivalent** The candidate must be qualified in any year in relevant subject.

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.

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: (Photocopy /original is required at the time of interview)

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. IIRS/P&GA/GA/Rectt./27

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/ 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 FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF) / RESEARCH ASSOCIATE

Name of Candidate	
Roll No.	POST CODE:
Date Of **INTERVIEW**	

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 **and IFSC Code**	

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