



भारत सरकार/Government of India
अंतरिक्ष विभाग/Department of Space
भारतीय अंतरिक्ष अनुसंधान संगठन/Indian Space Research Organisation
राष्ट्रीय सुदूर संवेदन केंद्र /NATIONAL REMOTE SENSING CENTRE
बालानगर, हैदराबाद /Balanager, Hyderabad – 500 037



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National Remote Sensing Centre (NRSC) is a key functionary of Indian Space Research Organisation striving to realise the Indian Space Vision through Earth Observation. NRSC is responsible for the Ground Segment of Remote Sensing Programmes through Satellite Data Acquisition, Archival, Processing, Dissemination, Application projects, Training and Capacity Building. NRSC also provides Aerial Survey services for various Scientific applications.

NRSC invites ONLINE applications for functioning as JUNIOR RESEARCH FELLOWS (JRF) to associate in various Projects. The following are the requirements:-

Post Code	Qualification Requirements	No. of Posts
I	ME/M.Tech/M.Sc.(Tech) in Geology / Geophysics / Remote Sensing after B.E / B.Tech / M.Sc. (OR) M.Sc in Geology / Remote Sensing & GIS with NET or equivalent qualification.	One
II	M.E / M.Tech in Meteorology / Climatology / Atmospheric Sciences / Remote Sensing after B.E. / B.Tech. / M.Sc. (OR) M.Sc. in Physics/ Meteorology/ Climatology / Atmospheric Sciences / Remote Sensing & GIS with NET or equivalent qualification.	One
III	M.Sc. (Agriculture) in Soil Science/Agricultural Chemistry & Soil Science/Agronomy(with Soil Science as a subject) with ICAR-NET or equivalent qualification (OR) ME/M.Tech in Remote Sensing & GIS/ Geo-Informatics. Desirable Qualification: Working knowledge in Soil sampling and Analysis / spatial data analysis.	One
IV	ME/M.Tech in Remote Sensing / Remote Sensing & GIS /Geo-Informatics and Remote Sensing / Geoinformatics. Desirable Qualification: Knowledge in programming languages such as MATLAB, Python, Open CV and CNL etc, Satellite Image Analysis, Interpretation and GIS.	Three
V	M.E. / M.Tech in Meteorology/ Atmospheric Sciences / Remote Sensing & GIS after B.E. / B. Tech / MSc (Or) (a) M.Sc in Physics/ Meteorology/ Atmospheric Sciences with NET or Equivalent. & (b) M.Sc degree holders must have studied Mathematics & Chemistry at graduation level. Desirable Qualification: Computer programming skills in Fortran / C or any high level language and Aptitude for working in Atmospheric Sciences.	Two
VI	ME/M.Tech in Geomatics / Geoinformatics after BE/B.Tech in Civil / Computer Science/Electronics. Desirable Qualification: Skills in C/C++, Java and Python programming languages.	One

VII	M.Sc. (Agriculture) in Agricultural Chemistry & Soil Science / Agronomy (with soil science as a subject) with ICAR-NET/equivalent qualification. Desirable Qualification: Knowledge in Soil Analysis / Geoinformatics / Spatial data analysis.	One
VIII	M.E. / M.Tech in Water Resources / Hydrology / Environmental Engineering after B.E. / B.Tech in Civil / Environmental Engineering.	One
IX	M.E. / M.Tech in Water Resources / Hydrology / Hydraulics Engineering after B.E. / B.Tech in Civil / Environmental Engineering.	Two
X	ME/M.Tech in Remote Sensing / Geoinformatics / Environmental Geoinformatics after B.Sc (Agriculture) /B.Tech in Agriculture / Civil Engineering / M.Sc in Agriculture/Physics.	One

Note : The posts are purely temporary and selected candidates shall be engaged as JRFs in identified projects. The duration of engagement shall be initially for a period of one year, extendable upto the validity of the project. In any case, the maximum duration of engagement **shall not exceed five years**. The candidates appointed as JRFs shall not have any claim for regular appointment against any posts in NRSC or ISRO, Dept of Space.

Place of Posting :

For Post Nos: I, II & III shall be at Jodhpur and for Post No:VII at Nagpur. For the balance posts the place of posting is Hyderabad. The JRFs posted at Hyderabad shall also be liable to serve at NRSC Earth Station, Shadnagar campus, Mahabubnagar Dt. if a need arises. The selected candidates shall also be liable to be posted anywhere in India based on project requirements.

Scope

NRSC offers a very congenial and high-tech work-environment to the deserving candidates to attain personal & professional growth while contributing for the cause of Nation Building. NRSC also has a well equipped Library with access to several International journals, publications etc of repute.

Emoluments :

Consolidated pay of Rs.25,000/- plus applicable HRA thereon if hostel facility is not provided at the station. The present rates of HRA is 30% for Hyderabad and 20% for Jodhpur & Nagpur. JRFs are entitled to contributory medical facilities **for self**, including treatments in recognised Speciality hospitals as per rules of the scheme. They shall be encouraged to participate in scientific events/workshops/conferences etc relevant to their area of work as organised by various agencies. Duration of such participation shall be treated as duty and TA @ II-AC by rail shall also be paid. JRFs are entitled to avail casual leave only. Maternity leave as per rules is allowed for female candidates.

After successful completion of Two years of fellowship and subject to exigencies of service, the JRFs may be awarded the position of Senior Research Fellows(SRF) **for the balance term of three years** or duration of project **whichever is earlier**. SRFs shall have a consolidated pay of Rs.28,000/- + HRA. Other terms & conditions remain the same.

The above provisions are liable to change/revision from time to time as per Government policy.

Eligibility criteria:

Essential qualification of ME/M.Tech/MSc(Tech) or equivalent degree should be in First class with a minimum of 60% marks (aggregate of all semesters) or CGPA/CPI grading of 6.5 on a 10 Point scale.

The Essential / Pre-qualification of MSc/BE/B.Tech or equivalent degree should also be in First Class with an aggregate of 65% marks (average of all semesters) or CGPA of 6.84 on a 10 Point scale.

The qualifications should have been obtained through Full Time course of study of prescribed duration.

NET/equivalent qualification is essential wherever prescribed. Any national level examination conducted by a Central Government Department/Agency for admission to Ph.D. programme is considered as equivalent to NET.

Age Limit:

Maximum Age Limit of 28 years as on the closing date of receipt of online applications, relaxable by 5 years in case of SC/ST and 3 years in case of OBC(non-creamy layer) candidates. Age relaxations as per Government of India orders are applicable for Persons with Disabilities (PWD), Ex-Servicemen, Widows, Divorced Women and Women judicially separated from their husbands and who are not remarried.

How to Apply :

Candidates who satisfy eligibility criteria may apply on-line between 10:00 Hrs of 13.06.16 to 23:59 Hrs of 27.06.16. In case a candidate wishes to apply for more than one post, separate applications may be submitted. Final year students/students awaiting results are NOT eligible to apply.

Candidates whose gradings are in CGPA/CPI, should additionally mention the equivalent % of marks (as per University norms) against the relevant column in the online application, without which the application is liable to be disqualified. Such candidates should bring proof of "CGPA/CPI to % of marks" conversion formula at the time of Interview.

Candidates should submit only one application per Post after ensuring factual accuracy of the details entered. Submission of multiple applications would entail disqualification of the candidate.

Uploading of Certificates

Candidates need to upload only two certificates in the online portal. i.e M Tech/MSc consolidated marks-sheet and pre-qualification of B Tech/MSc consolidated marks sheet. In case, consolidated marks sheets are not issued by University, year/semester-wise mark-sheets may be uploaded.

Selection Process:

Being Posts assigned for conducting and guiding research, selection shall be **100% by Merit**. Candidates short-listed based on % of marks shall be called for Interview at Hyderabad tentatively scheduled in June, 2016. Call letters for Interview shall be sent by e-mail to short-listed candidates. The list of short-listed / finally selected candidates shall be hosted at NRSC website.

Interview : Candidates called for Interview shall be reimbursed to and fro Sleeper Class train fare by the shortest route against submission of a copy of train ticket / e-ticket print-out. Candidates should submit for verification all Original certificates in proof of Educational Qualification (Class X onwards) along with one set of self-attested photocopies. Semester/year-wise mark-sheets should also be produced apart from Consolidated Mark Sheets and Provisional/Final Degree Certificates. Candidates who are employed under Central/State Government, Public Sector Undertakings, Autonomous Bodies etc have to produce 'No Objection Certificate', in original, at the time of Interview. SC/ST/OBC/PWD/Ex-Servicemen candidates should produce relevant Certificate as issued by the competent authorities. In case the candidate fails to produce any of the above documents or if any information

furnished in the on-line application is found to be false, the candidate will not be interviewed and TA will not be paid.

General Conditions:

- Only Indian Nationals are eligible to apply.
- Applications will be received ON-LINE only and all further communications will be made to the applicants through e-mail/ NRSC website. The applicants may check their e-mail & NRSC website from time to time. NRSC shall not be responsible for non-receipt of intimation regarding call letter / any communication due to any reason whatsoever.
- On-line registration is available in the website <http://www.nrsc.gov.in> from 10:00 hours of 13.06.2016 to 23:59 hours of 27.06.2016 for registering applications.
- Junior Research Fellows will be engaged initially for ONE YEAR and is extendable for further periods based on assessment of their work and requirements of projects. The maximum period of engagement of Junior/Senior Research Fellow shall not exceed FIVE years. The fellowship will not confer any claim or right for regular appointment in NRSC or any Centre/Units of ISRO/DOS.
- If at any stage, it turns out that any information furnished by the candidate is false, the candidature shall be cancelled forthwith and if appointed, the appointment shall be terminated without any notice. Such candidates shall also be liable for penal action including debarring from future recruitment/selections.
- Any request for change of address/e-mail id for communication will NOT be entertained.
- Canvassing in any form will result in disqualification.
- NRSC/ISRO reserves the right not to fill up any or all the positions, without assigning any reason.
- No interim correspondence will be entertained.
- 27.06.2016 (Last date for receipt of on-online applications) will be the cut-off date for all purposes like age, qualification etc.
- Candidates are advised to apply well in time without waiting for the last date. NRSC shall not take any responsibility for failure to apply online due to lack of connectivity etc.

"It may be noted that Government strives to have a workforce that reflects gender balance and women candidates are encouraged to apply".
