

उत्तर पूर्वी अंतरिक्ष उपयोग केंद्र/North Eastern Space Applications Centre

भारत सरकार/Govt. of India, अंतरिक्ष विभाग/Dept. of Space

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JRF Recruitment for NESAC

No. NESAC/RMT-JRF/11.4(IX)/2017

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North Eastern Space Applications Centre (NESAC) is an autonomous body set up under the joint initiative of Department of Space (DOS) and the North Eastern Council (NEC). The main function of the Centre is to provide developmental support to the North Eastern Region (NER) of our country using space science and technology.

NESAC proposes to recruit the following positions of Junior Research Fellow (JRF) purely on temporary basis for various projects.

Post Code No.	No. of posts	Project Name	Essential Qualifications	Desirable qualification
01.	01	Applications of RS & GIS for Sericulture Development-Phase II	1 st Class M.Sc. in Agriculture Forestry/ Botany/Geography/Geology/Remote Sensing & GIS/Geoinformatics/Spatial Information Science with NET or equivalent **. OR M. Tech in Agriculture Forestry/ Botany/ Geography/Geology/Remote Sensing & GIS/ Geoinformatics/Spatial Information Science. OR M. Sc. in Agriculture Forestry/ Botany/ Geography/Geology/Remote Sensing & GIS/Geoinformatics/Spatial Information Science with N-JET in RS & GIS Specialization. ***	PG Diploma in Remote Sensing and GIS with one year experience in working in the field of RS&GIS.
02.	01	Network of Boundary Layer Experience (NOBLE)	M.Sc Physics/Atmospheric Science/Space Science/Chemistry/Mathematics/Meteorology with NET or equivalent** OR M.Tech in Physics/Atmospheric Science/ Space Science/Meteorology/Chemistry / Mathematics. OR M.Sc Physics/Atmospheric Science/Space Science/Chemistry/Mathematics/Meteorology with N-JET in Atmospheric Science Specialisation. ***	Research Experience in Atmospheric Science/ Space Science/ Meteorological field
03.	01	Remote Sensing & GIS inputs for preparation of Forest Working Plan – Arunachal Pradesh	M.Sc in Forestry/Agriculture/Botany/ Environmental Science/Environmental Management/Life Sciences/Geography / Geoinformatics/ Remote Sensing & GIS with NET/GATE or equivalent.** OR M.Sc in Forestry/Agriculture/Botany/ Environmental Science/Environmental Management/Life Sciences/Geography or equivalent/ Geoinformatics/Remote Sensing & GIS with N-JET in RS & GIS Specialisation.*** OR M.Tech in Geoinformatics/Remote Sensing & GIS or equivalent.	Experience in gathering ecological / Field data.

04.	01	Spatial Variability Mapping of Essential Nutrients in Soils of Chilika, Odisha	<p>M.Sc in Agriculture/Botany/Environmental Science/Forestry/Geography/Geology/Geo-informatics/RS & GIS with Post Graduate Diploma in Remote Sensing & GIS/Geoinformatics with NET/GATE or equivalent. **</p> <p>OR</p> <p>M.Sc in Agriculture/Botany/Environmental Science/Forestry/Geography/Geology/Geo-informatics/RS & GIS with Post Graduate Diploma in Remote Sensing & GIS/Geoinformatics with N-JET in RS & GIS specialization.***</p> <p>OR</p> <p>M.Tech in Agricultural Engineering/Geo-informatics/Remote Sensing & GIS or equivalent.</p>	<p>1. Knowledge and experience in Analysis of hyperspectral data (imaging/non imaging)</p> <p>2. Knowledge and experience in Exposure to ENVI/MATHLAB/SPSS Software.</p>
05.	01	Desertification and Land Degradation: Monitoring, Vulnerability Assessment and Combating Plans	<p>M.Sc in Agriculture/Botany/Environmental Sciences/Forestry/Geography/Geology/Geo-informatics/RS & GIS with Post Graduate Diploma in Remote Sensing & GIS/Geoinformatics with NET/GATE or equivalent. **</p> <p>OR</p> <p>M.Sc in Agriculture/Botany/Environmental Sciences/Forestry/Geography/Geology/Geo-informatics/RS & GIS with Post Graduate Diploma in Remote Sensing & GIS/Geoinformatics with N-JET in RS & GIS specialization.***</p> <p>OR</p> <p>M.Tech in Agricultural Engineering/Geo-informatics/Remote Sensing & GIS or equivalent.</p>	<p>1. Knowledge and experience in Analysis of microwave & hyperspectral imagery</p> <p>2. Knowledge and experience in Exposure to ENVI/MATHLAB/SPSS Software.</p>

**** NET/NET Equivalent qualifications:**

- i. CSIR-UGC National Eligibility Test including NET-Lecturership
- ii. Graduate Aptitude Test in Engineering (GATE) conducted by MHRD
- iii. Joint Admission Test (JAM) conducted by MHRD
- iv. Biotechnology Eligibility Test & Test conducted in Bio-informatics by Bio-informatics National Consortium
- v. Joint Entrance Screening Test (JEST), Joint Graduate Entrance Examination for Biology & Interdisciplinary Life Sciences (JGEEBILS) conducted by Department of Atomic Energy.
- vi. All India Competitive Examination (AICE) conducted by the Indian Council of Agricultural Research.

- Note:**
1. CSIR-UGC NET or equivalent /M.Tech qualified candidates are directly eligible to apply
 2. Others (i.e. not having CSIR-UGC NET/M.Tech qualified) need to qualify N-JET to be short listed for interview
 3. Selection will be purely based on interview performance.

***** N-JET (NESAC JRF Eligibility Test):** N-JET is an aptitude test for taking up research in the area of either Remote Sensing (RS) and Geographic Information System (GIS) or in the area of Atmospheric Science. The N-JET written test shall be conducted and results will be declared before the interview for the advertised JRFs. Candidates having M. Sc. degree and not qualified NET/GATE or equivalent examination in their respective fields, may also apply for the advertised positions. Those candidates need to apply and qualify the N-JET in either RS & GIS (Candidates from RS & GIS/Botany/Ecology/Forestry/ Environmental Science/Environmental Magement/Life Science/ Agriculture/ Geology/Geography/Applied Geography/ Geoinformatics/Spatial Information Science or equivalent stream are eligible to apply) or in Atmospheric Science (Candidates from

Physics/Atmospheric Science/Space Science/Chemistry/Mathematics/ Meteorology or equivalent stream are eligible to apply) to become eligible for the JRF posts. For details about N-JET please click [here](#) for notification.

All the above posts are purely on contractual basis and co-terminus with the project without any provision for regularization. The contract is for a period of 1 (one) year and can be extendable depending upon the project requirements and assessment of their work. The Director reserves the right to cancel/postpone the interview/written test 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. Canvassing in any form will disqualify the candidates. Candidates who do not fulfill eligibility condition will not be considered for the interview.

- Note: 1) Number of positions indicated above are provisional and may vary depending on the actual requirement.
- 2) 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 and pre-eligibility qualification for M.Tech or its equivalent should also be in first class with an aggregate of 65% (average of all semesters) or CGPA/CPI grading of 6.84 on a 10 scale or equivalent.
- 3) M.Sc. degree should be in first class with an aggregate minimum of 65% (average of all semesters) or CGPA/CPI grading of 6.5 on a 10 scale or equivalent. Rounding-off marks is not allowed.

Age Limit:

Maximum Age 28 years as on **04.02.2018** (closing date of receipt of applications) but relaxable by 5 years in case of SC/ST and 3 years in case of OBC candidates. Persons with Disabilities are eligible for age relaxation as per Government of India orders. Age relaxation as per Government of India orders are applicable to Ex-Servicemen, Persons with Disabilities (PWD).

Emoluments & Other benefits:

Fellowship amount: `25,000/-. In addition HRA and medical benefits will be allowed as per rules.

In addition to the above mentioned fellowship amount, HRA at the prescribed rates in force at the place of posting will be paid and Medical benefits for self only will be allowed as per extant rules. The fellowship amount shall be taken as Basic pay for this purpose.

JRFs are eligible only for casual leave. Maternity leave as per Govt. of India instructions would be available to all female JRFs. Apart from this, the candidates selected will not be entitled to any benefits or concessions admissible to regular employees.

How to apply:

The application form will be hosted in the NESAC web-site www.nesac.gov.in. Last date for submission of On-line Application Forms is **04.02.2018** and closing time will be 16.00 Hrs. **Candidates need to apply through online mode only.** Those who are working in Central Govt./State Govt. or its autonomous bodies/PSU/Corporation are required to send the NOC within two weeks of the last date of online application.

Selection Process:

The qualification prescribed is the minimum requirement and possession of the same does not automatically make the candidates eligible to be called for interview. A duly constituted Screening Committee shall screen the applications received for the posts based on the given eligibility

criteria and may fix criteria as it may consider necessary for shortlisting the candidates for interview. In case candidate is claiming equivalent specialization, he/she has to obtain certificate from his/her institute/university stating that the specialization is equivalent to the one asked in the advertisement for the post applied for. Final decision on this will be taken by the Screening Committee. The screened-in/shortlisted candidates will be called for interview before the Selection Committee. Communication shall be sent only to the screened-in/shortlisted candidates. NESAC will not entertain any correspondence on the issue of short-listing of candidates. **The call letters for the interview to the short-listed candidates will be sent only by e-mail.** No communication shall be made to the candidates who are not short-listed/Screened in.

General Conditions:

- Only passed candidates are eligible to apply. Students awaiting for final result need not apply.
- Applications will be through online mode only and all further communications will be made to the applicants through e-mail/NESAC website only. Therefore, the applicants are advised to check their e-mail and visit the NESAC website from time to time. NESAC will not take responsibility for non-receipt of intimation regarding call letter/any communication due to technical reasons or whatsoever to the candidates
- The selected candidates shall be posted at NESAC, Umiam.
- Candidates called for interview will have to produce all relevant original documents in proof of details furnished in the application along with a set of self-attested photocopies. Candidates who are already employed under Central/State Government, Public Sector Undertakings or Autonomous Bodies will also have to produce the 'No Objection Certificate', in original, at the time of interview. In case the candidate fails to produce any of the above documents or if any information furnished in the application is found to be wrong or false, the candidate will not be interviewed.
- Junior Research Fellows will be engaged initially for ONE YEAR and is extendable for further periods based on assessment of their work and requirement of project. The maximum period of engagement of Junior Research Fellow shall not exceed FIVE years. The fellowship will not confer any claim or right for regular appointment in any of ISRO/DOS Centres. The JRFs are purely on temporary basis for a maximum period of one year or the period of the Project whichever is earlier.
- The selected JRFs are encouraged to register for Ph.D from recognized universities and take up relevant research topic benefitting the individual and NESAC. However they have to work extra time to complete the Ph.D research. No leave is possible for Ph.D work.
- NESAC/DOS reserves the right not to fill all or any of the fellowships, if it so decides.
- Canvassing in any form will result in disqualification.
- No interim correspondence will be entertained.
- 04.02.2018 will be cut-off date for all purposes like age, qualification, etc.
- The prescribed experience should be after acquiring the essential qualification.
- Only Indian Nationals need apply.
- **Government strives to have a workforce which reflects gender balance and women candidates are encouraged to apply.**

It is for the candidate to ensure that he / she fulfills the eligibility criteria and complies with the requirements and adheres to the instructions contained in this advertisement as well

as in the application form. Candidates are, therefore, urged to carefully read the advertisement and complete the application form and submit the same as per instructions given in this regard.

IMPORTANT
OPENING DATE FOR SUBMISSION OF ONLINE RECRUITMENT APPLICATION THROUGH NESAC WEBSITE IS ON 19.01.2018
CLOSING DATE FOR SUBMISSION OF ONLINE RECRUITMENT APPLICATION THROUGH NESAC WEBSITE IS 14.00 HRS ON 04.02.2018
DATE FOR DETERMINING THE ELIGIBILITY OF ALL CANDIDATES IN EVERY RESPECT SHALL BE THE PRESCRIBED CLOSING DATE FOR SUBMISISON OF ONLINE RECRUITMENT APPLICATION. THE APPLICANTS ARE ADVISED TO FILL IN ALL THEIR PARTICULARS IN THE ONLINE RECRUITMENT APPLICATION CAREFULLY.
DATE FOR THE INTERVIEW ON WHICH THE SHORTLISTED CANDIDATES ARE REQUIRED TO BRING THE PRINTOUT OF HIS/HER ONLINE APPLICATION ALONGWITH OTHER DOCUMENTS AT NESAC SHALL BE INTIMATED SEPARATELY.
CANDIDATE SHOULD UPLOAD THE MERGED DEGREE AND MARKSHEETS IN ONE PDF FILE FOR ONE PARTICULAR QUALIFICATION e.g. FOR B.TECH, DEGREE & MARKSHEETS OF ALL THE SEMESTERS SHOULD BE MERGED AND UPLOADED AND SIMILARLY FOR OTHERS ALSO.