उत्तर पूर्वा 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(XI)/2018　　　　　　　　　　　　　/November　02, 2018

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	Flood Early Warning System (FLEWS	M.E/M.Tech in Hydrology/Water Resources/ RS&GIS/Geo-informatics with B.E/B.Tech in Civil Engineering / Agricultural Engineering. **OR** M.Sc in Remote Sensing/Geology/Geography/ Environmental Science with NET/GATE or equivalent* **OR** M.Sc in Remote Sensing/Geology/Geography/ Environmental Science with N-JET in RS & GIS Specialization**	Working knowledge of Remote Sensing and GIS preferably in watershed hydrology area.
02.	01	RS & GIS based inputs for Forest Working Plan of Arunachal Pradesh	M.Sc in Forestry/Botany/Life Science/ Ecology/Environmental Science/Geography/ Agriculture/RS&GIS/Geo-Informatics with NET/GATE or equivalent* **OR** M.Sc in Forestry/Botany/Life Science/ Ecology/Environmental Science/Geography/ Agriculture/RS&GIS/Geo-Informatics with N-JET in RS & GIS Specialization** **OR** M.Tech in RS&GIS/Geo-informatics or equivalent.	Experience with ecological field data collection or RS & GIS.
03.	01	AMRUT – Preparation of GIS Based Master Plan for Shillong Planning area (Urban Planning)	M.Plan/M.Tech (Planning) in Urban & Regional Planning with specialization in urban & regional planning or equivalent **OR** B.Plan with NET/GATE or equivalent*	Experience in preparation of City Plan/Master Plan
04.	01	AMRUT – Preparation of GIS Based Master Plan for Shillong Planning area (Transport Planning)	M.Plan/M.Tech (Planning) in Urban Planning with specialization in Transport Planning or equivalent. **OR** B.Plan with NET/GATE or equivalent*	Experience in Transportation Plan for Urban areas
05.	01	AMRUT – Preparation of GIS Based Master Plan for Shillong Planning area (Socio Economy Analyst))	M.Sc in RS&GIS/Geography/Geo-informatics/ Geomatics with NET/ GATE or equivalent* **OR** M.Sc in RS&GIS/Geography/Geo-informatics/ Geomatics with N-JET in RS & GIS Specialization** **OR** M.E/M.Tech in RS&GIS/Applied Geography & Geo-	Experience in Urban Studies

			informatics/Geomatics or equivalent	
06.	01	Desertification and Land Degrading: Monitoring, Vulnerability Assessment and Combating Plans	M.Sc in Agriculture/Botany/Environmental Science/ Forestry/Geography/Geology with Post Graduate Diploma in RS&GIS/Geo-Informatics with NET/GATE or equivalent* **OR** M.Sc in Agriculture/Botany/Environmental Science/Forestry/Geography/Geology with Post Graduate Diploma in RS&GIS/Geo-Informatics with N-JET in RS & GIS Specialization** **OR** M.Sc in Geoinformatics/RS&GIS with NET/GATE or equivalent* **OR** M.Tech in Geoinformatics/RS & GIS or equivalent with bachelor degree in science	1. Analysis of microwave & hyperspectral imagery 2. Exposure to ENVI/MATLAB/ SPSS software
07.	01	Molecular platform for epidemiology, disease mapping and development of diagnostics for economically important diseases of ducks	M.Sc in Environmental Science/Life Science/ Zoology/Wildlife Science/Forestry RS&GIS/ Geo-informatics with NET/ GATE or equivalent* **OR** M.Sc in Environmental Science/Life Science/ Zoology/Wildlife Science/Forestry/RS&GI/ Geo-informatics with N-JET in RS & GIS Specialization** **OR** M.V.Sc. with NET/GATE and desirable requirement of RS&GIS knowledge / experience **OR** M.Tech in RS&GIS/Geo-informatics	Knowledge and experience in RS & GIS
08.	01	Setting up a Hydro-meteorological Network for Ranganadi Hydro-Electric Power Project	M.Tech/M.E in Computer Science/Information Technology/Instrumentation/Electronics and Tele-communication or equivalent subject. **OR** B.Tech/B.E in Computer Science/Information Technology/Instrumentation/Electronics and Telecommunication or equivalent with NET/GATE or equivalent qualified* **OR** M.Sc in Physics/Atmospheric Science/ Meteorology or equivalent subject with NET/GATE or equivalent* **OR** M.Sc in Physics/Atmospheric Science/ Meteorology with N-JET in Atmospheric Science Specialization**	Programming knowledge in FORTRAN, MATLAB and familiarization with LINUX.

* **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.

** **N-JET (NESAC JRF Eligibility Test):** The N-JET 2017 and N-JET 2018 was conducted at NESAC on 23.03.2017 and 13.03.2018 respectively. Candidates having valid Score Cards may apply directly.

Note:

1) NET/NET Equivalent qualifications should be in the discipline/specialization of the essential qualification.
2) Number of positions indicated above is provisional and may vary depending on the actual requirement.
3) M.Tech/ME/M.V.Sc 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.
4) M.Sc/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.
5) Rounding-off marks is not allowed.

6) Selection will be purely based on interview performance.

1. Age Limit: Maximum Age 28 years as on **25.11.2018** 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).

2. Tenure of the Positions: All the above posts are purely on contractual basis and co-terminus with the project without any provision for regularization. Junior Research Fellows will be engaged initially for ONE YEAR or the period of the Project whichever is earlier 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 Director, NESAC 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.

3. Emoluments & Other benefits: Fellowship amount: ` 25,000/-. In addition HRA and medical benefits for self only 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.

4. How to apply: The application form will be hosted in the NESAC web-site www.nesac.gov.in from 05.11.2018. Last date for submission of On-line Application Forms is 25.11.2018 and closing time will be 16.00 Hrs. **Candidates need to apply through online mode only**.

After registration take a print out of the application summary and the print-out is to be brought along with passport size photograph and documents supporting the data furnished in application at the time of Interview. Please note that site will not be open for printing after 15:00 hours of 02.12.2018. Registration Number should be recorded by the Candidate for all future correspondences with NESAC with regard to this advertisement.

5. 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 conditions 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. Candidates who do not fulfill eligibility condition will not be considered for the interview.

6. General Conditions:

- Only passed candidates are eligible to apply. Students awaiting for final result need not to apply.

- Canvassing in any form will disqualify the candidates.

- 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 but are also liable to be posted in any place in India at the discretion of Director, NESAC as and when required.

- 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 including print out of the application summary, 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.

- 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 admissible for Ph.D work.

- No interim correspondence will be entertained.

- 25.11.2018 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 to 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 05.11.2018
CLOSING DATE FOR SUBMISSION OF ONLINE RECRUITMENT APPLICATION THROUGH NESAC WEBSITE IS 14.00 HRS ON 25.11.2018
THE LAST DATE FOR PRINTING OF COMPLETELY SUBMITTED ONLINE APPLICATION IS 02.12.2018
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.