

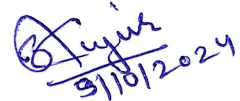
GOVERNMENT OF INDIA  
NATIONAL CENTER FOR SEISMOLOGY (NCS)  
MINISTRY OF EARTH SCIENCES (MoES)  
MAUSAM BHAVAN COMPLEX, LODHI ROAD  
NEW DELHI-110003

**Advertisement No: S-03012/1/2017/Manpower/NCS**

Applications are invited for the recruitment of 02-Consultants, 04-Project Scientists (01-Project Scientist II, 03-Project Scientist I); 05 Research Associates (03-Research Associate II, 02- Research Associate I); 02-Research fellows for different projects viz National Seismological Network (NSN); National Program on Earthquake Precursors (NPEP); Seismic Microzonation; under National Center for Seismology, Ministry of Earth Sciences. The posts are purely on temporary basis and co-terminus with the project, initially for a period of one year and likely to be extended subsequent years based on the satisfactory performance of the hired project staff.

The details about age, educational qualifications, experience...etc and application format for various posts are available and may be downloaded from the websites: [www.moes.gov.in/](http://www.moes.gov.in/) and [www.seismo.gov.in/](http://www.seismo.gov.in/).

Online submission of the application for the above-said posts would be allowed for two (2) weeks from the date of publication of this advertisement. Duly signed Hardcopy of the completed applications should also be sent to '**The Director, Room No: 402, National Centre for Seismology, Sat-Met Building, IMD Campus, Lodhi Road, New Delhi-110003**', by Registered Post in a cover superscribed "APPLICATION FOR THE POST OF \_\_\_\_\_" within three (3) weeks from the date of publication of this advertisement.

  
3/10/2024

(Administrative Officer)  
General Administration, NCS



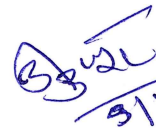
भारत सरकार  
राष्ट्रीय भूकंप विज्ञान केन्द्र  
पृथ्वी विज्ञान मंत्रालय  
मौसम भवन पारसर. लादा रोड  
नई दिल्ली - ११०००३

विज्ञापन संख्या : एस-03012/1/2017/मैनपॉवर/एन.सी.एस

राष्ट्रीय भूकंप विज्ञान केंद्र (रा. भू. वि. के.), पृथ्वी विज्ञान मंत्रालय, नई दिल्ली के अंतर्गत विभिन्न अस्थायी परियोजनाओं (अर्थात् राष्ट्रीय भूकंपीय नेटवर्क (एन एस एन); भूकंप पूर्वगामी राष्ट्रीय कार्यक्रम परियोजना ( एन पी ई पी); भूकंपीय माइक्रोजोनेशन) के लिए विभिन्न अस्थायी पदों पर भर्ती हेतु आवेदन आमंत्रित है : 02 सलाहकार, 04 परियोजना वैज्ञानिक (01 परियोजना वैज्ञानिक II, 03 परियोजना वैज्ञानिक I); 05 अनुसंधान सहयोगी (03 अनुसंधान सहयोगी II, 02 अनुसंधान सहयोगी I); 02 अनुसंधान अध्येता । ये पद पूर्णतः अस्थायी आधार पर भरे जाएंगे और परियोजना के साथ सह-टर्मिनस होंगे, जिसकी अवधि प्रारम्भिक स्तर पर एक वर्ष होगी । इन परियोजनाओं में कार्यरत कर्मचारी, जिनका परदर्शन संतोषजनक पाया जाएगा, उनकी अवधि संभवतः आगामी वर्षों के लिए बढ़ाई जा सकती है।

आवेदन हेतु अर्हताएं जैसे आयु, शैक्षिक योग्यताएं, और अनुभव आदि का विस्तृत विवरण और आवेदन प्रारूप मंत्रालय की [www.moes.gov.in/](http://www.moes.gov.in/) एवं रा. भू. वि. के. की वेबसाइट [www.seismo.gov.in/](http://www.seismo.gov.in/) पर उपलब्ध है ।

इच्छुक अभ्यर्थी उपरोक्त पदों के लिए इस विज्ञापन के प्रकाशित होने के दो (2) सप्ताह तक ऑनलाइन आवेदन कर सकते हैं । इसके साथ ही, आवेदनों की स्वःहस्ताक्षरित मूल प्रति, इस विज्ञापन के प्रकाशित होने के तीन (3) सप्ताह के भीतर पंजीकृत डाक द्वारा निम्न पते पर 'निदेशक, कक्ष संख्या: 402, राष्ट्रीय भूकंप विज्ञान केंद्र, सैट-मेट बिल्डिंग, आईएमडी कैम्पस, लोधी रोड, नई दिल्ली-110003' भेज सकते हैं । लिफाफे के ऊपर '..... के पद के लिए आवेदन' मोटे अक्षरों में लिखा होना चाहिए ।

  
31/07/2024

(प्रशासनिक अधिकारी)  
सामान्य प्रशासन, रा. भू. वि. के.

**GOVERNMENT OF INDIA  
NATIONAL CENTRE FOR SEISMOLOGY  
MINISTRY OF EARTH SCIENCES  
MAUSAM BHAWAN COMPLEX, LODHI ROAD  
NEW DELHI-110003.**

Applications are invited from Indian citizens for filling up of 13 (thirteen) posts at various capacities for engagement on Project Mode (contract) under various projects of National Centre for Seismology (NCS), Ministry of Earth Sciences (MoES) viz: National Seismological Network(NSN); National Program on Earthquake Precursors (NPEP); Seismic Microzonation (SM); initially for a period of one year. These posts are purely on temporary basis and likely to be extended as per the extension of the project and the performance of the hired professionals by the competent authority.

The details of the posts to be filled, along with the duties and responsibilities, project-wise are given below:

**1. Project-National Seismological Network (NSN)**

S.No:	Category of posts	Post Code	No. of posts	Essential Qualification	Field of Specialization & Experience	Age limit	Emoluments per month (Rs.)
1	Consultant	NSN01	01	Ph.D. in the field of Seismology / Applied Geophysics / Physics / Geosciences.  OR  Master's Degree in Engineering in the field of Electronic Engineering / Instrumentation Engineering from a recognized university.	<ul style="list-style-type: none"><li>At least 20 years of working experience / R&amp;D/ teaching in any one field or more in following areas:<ol style="list-style-type: none"><li>Seismology and Earthquake related matters</li><li>Operational Seismology, establishing seismological observatories, managing 24x7 operational centres, seismic data management and networking.</li></ol></li></ul>	70 years	Rs. 80,000/- (Governed by rules of MoES / Govt. of India and GFR guidelines of Ministry of Finance).

					<p>c) Electronic Instrumentation specially in Data Acquisition Systems and Communication technologies</p> <p>d) Applied Geophysics</p> <ul style="list-style-type: none"> <li>• Must be Senior level Scientists /Engineers / Academicians from central government service.</li> <li>• Good communication skills and experience in Report writing</li> <li>• Published research work.</li> </ul>		
2	Project Scientist - II	NSN02	01	<p>Post Graduate Degree (M.Tech/ M.Sc.(Tech)/ M.Sc.) in Geophysics/ Geology/Seismology from a recognized university/ Institute with at least 60% marks at the qualifying degree level.</p> <p><b>OR</b></p> <p>B.E./B.Tech in Electronics &amp; Communication/IT/Computers from a recognized university/institution with at least 60% marks at the qualifying degree level.</p> <p><b>OR</b></p> <p>MCA or equivalent from a recognized university/institution with at least 60% marks at the qualifying degree level.</p>	<p>Minimum three years' experience in earthquake monitoring, Micro earthquake surveys etc. or working knowledge &amp; research experience in the field of earthquake source processes, crust and upper mantle structure and attenuation characteristics of the earth's interior, etc. or operation and maintenance of digital seismic instruments.</p> <p><b>OR</b></p> <p>Minimum three years' experience in Hardware and software related aspects of various computers and communication network systems.</p>	40 years	67,000/-+ HRA. Increment of 5% for every 2 years of experience subject to performance review.
3	Project Scientist - I	NSN03	03	<p>Post Graduate Degree (M.Tech./ M.Sc. (Tech)/ M.Sc.) in Geophysics/Geology/Seismology from a recognized university/ Institutewith at least 60%marks at the qualifying degreelevel.</p> <p><b>OR</b></p> <p>B.E./B.Tech in Electronics &amp;</p>	<p>At least 1-year Experience and working knowledge in:</p> <p>Seismic data analysis or interpretation of weak as well as strong motion data or earthquake monitoring Microearthquake surveys</p>	35 years	56,000/-+HRA. Increment of 5% for every 2 years of experience subject to performance review.

				<p>Communication/IT/Computers from a recognized university/institution with at least 60% marks at the qualifying degree level.</p> <p><b>OR</b></p> <p>Post Graduate Degree (M.Sc.) in Physics with specialization in electronics or equivalent from a recognized university/ institution with at least 60% marks at the qualifying degree level.</p> <p><b>OR</b></p> <p>MCA or equivalent from a recognized university/institution with at least 60% marks at the qualifying degree level.</p>	<p>OR</p> <p>Working knowledge &amp; research experience in the field of earthquake source processes, crust and upper mantle structure and attenuation characteristics of the earth's interior, earthquake source parameter estimation using computer algorithms and information dissemination etc.</p> <p>OR</p> <p>Experience in earthquake Data base management.</p>		
4	Research Associate (RA)-II	NSN04	01	<p>Post Graduate Degree (M.Tech / M.Sc.(Tech) / M.Sc.) in Geophysics / Geology / Seismology / Geosciences/ (M.Sc.) in Physics with specialization in Electronics from a recognized university/ Institute with at least 60% marks at the qualifying degree Level.</p> <p><b>OR</b></p> <p>Bachelor Degree in Engineering in the field of Electronic and Communication Engineering / Computers / IT/ Computer Applications / Instrumentation Engineering from a recognized university with at least 60% marks at the qualifying degree level.</p>	<p>Working experience in the following at least one or more areas:</p> <ul style="list-style-type: none"> <li>• Installation and configuration of Seismic Data Acquisition Systems for operation in local and regional seismological networks.</li> <li>• Monitoring the functioning of Seismic data acquisition system and data flow.</li> <li>• Continuous seismic waveform data and its meta data management for permanent archival and storage purposes.</li> <li>• Computer Hardware and software related aspect of various computers and communication network systems.</li> <li>• Seismic Data interpretation for earthquake source parameters determination.</li> </ul>	35 years	61,000/- + HRA

					<ul style="list-style-type: none"> <li>• 24x7 Earthquake Monitoring Centre.</li> </ul>		
5	Research Associate (RA)-I	NSN05	01	<p>Post Graduate Degree (M.Tech / M.Sc.(Tech) / M.Sc.) in Geophysics / Geology / Seismology / Geosciences / (M.Sc.) in Physics with specialization in Electronics from a recognized university/ Institute with at least 60% marks at the qualifying degree Level.</p> <p style="text-align: center;"><b>OR</b></p> <p>Bachelor Degree in Engineering in the field of Electronic and Communication Engineering / Computers / IT/ Computer Applications / Instrumentation Engineering from a recognized university with at least 60% marks at the qualifying degree level.</p>	<p>Working experience in the following at least one or more areas:</p> <ul style="list-style-type: none"> <li>• Installation and configuration of Seismic Data Acquisition Systems for operation in local and regional seismological networks.</li> <li>• Monitoring the functioning of Seismic data acquisition system and data flow.</li> <li>• Continuous seismic waveform data and its meta data management for permanent archival and storage purposes.</li> <li>• Computer Hardware and software related aspect of various computers and communication network systems.</li> <li>• Seismic Data interpretation for earthquake source parameters determination.</li> <li>• 24x7 Earthquake Monitoring Centre.</li> </ul>	35 years	58,000/- + HRA

6	Research Fellow (RF)	NSN06	01	<p>Post Graduate Degree (M.Tech / M.Sc.(Tech) / M.Sc.) in Geophysics / Geology / Seismology / Geosciences / (M.Sc.) in Physics with specialization in Electronics from a recognized university/ Institute with at least 60% marks at the qualifying degree Level.</p> <p style="text-align: center;"><b>OR</b></p> <p>Bachelor Degree in Engineering in the field of Electronic and Communication Engineering / Computers / IT/ Computer Applications / Instrumentation Engineering from a recognized university with at least 60% marks at the qualifying degree level.</p>	NET/GATE qualified candidates will be given preference.	27 years	37,000/- + HRA
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**Duties and responsibilities**

S.No.	Position	Duties & Responsibilities
1	Consultant	Plan and assist in carrying out seismological studies related to installation of seismological observatory. Serve as a mentor for early-career scientific and technical staff.
2	Project Scientist I&II	Undertaking field survey for the installation of Seismological Observatory, analysis of earthquake waveforms, data acquisition, processing and interpretation, development of required software in geophysics/seismology, preparation of earthquake bulletin. Assist scientists in undertaking field surveys and data acquisition in remote locations, establishing observatory and other infrastructure, maintaining field and laboratory equipment. To work in 24x7 Earthquake Monitoring Centre as Duty Staff as and when required.
3	Research Associate (RA)-I/II and	Seismic Data interpretation. Installation and configuration of Seismic Data Acquisition Systems for operation in local and regional seismological networks. Monitoring the functioning of Seismic data acquisition system and data flow. Continuous seismic waveform data and its meta data management for permanent archival and storage purposes. Computer Hardware and software related aspect of various computers and communication network systems. 24x7 Earthquake Monitoring

	Research Fellow (RF)	Centre. Earthquake Pre-cursory studies and to work in 24x7 Earthquake Monitoring Centre as Duty Staff as and when required.
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## **2. Project-National Project of Earthquake Precursor (NPEP)**

<b>SNo:</b>	<b>Category of posts</b>	<b>Post Code</b>	<b>No. of posts</b>	<b>Essential Qualification</b>	<b>Field of Specialization &amp; Experience</b>	<b>Age limit</b>	<b>Emoluments per month (Rs.)</b>
1	Research Associate (RA)-I	NPEP01	01	<p>Post Graduate Degree (M.Tech / M.Sc.(Tech) / M.Sc.) in Geophysics / Geology / Seismology / Geosciences / (M.Sc.) in Physics with specialization in Electronics from a recognized university/ Institute with at least 60% marks at the qualifying degree Level.</p> <p><b>OR</b></p> <p>Bachelor Degree in Engineering in the field of Electronic and Communication Engineering / Computers / IT/ Computer Applications / Instrumentation Engineering from a recognized university with at least 60% marks at the qualifying degree level.</p>	<p>Working experience in the following at-least one or more areas:</p> <ul style="list-style-type: none"> <li>• Installation and configuration of Seismic Data Acquisition Systems for operation in local and regional seismological networks.</li> <li>• Monitoring the functioning of Seismic data acquisition system and data flow.</li> <li>• Continuous seismic waveform data and its meta data management for permanent archival and storage purposes.</li> <li>• Computer Hardware and software related aspect of various computers and communication network systems.</li> <li>• Seismic Data interpretation for earthquake source parameters determination.</li> <li>• 24x7 Earthquake Monitoring Centre.</li> </ul>	35 years	58,000/- + HRA
2	Research Fellow (RF)	NPEP02	01	<p>Post Graduate Degree (M.Tech / M.Sc.(Tech) / M.Sc.) in Geophysics / Geology / Seismology / Geosciences / (M.Sc.) in Physics with specialization in Electronics from</p>	NET/GATE qualified candidates will be given preference.	27 years	37,000/- + HRA



			<p>a recognized university/ Institute with at least 60% marks at the qualifying degree Level.</p> <p style="text-align: center;"><b>OR</b></p> <p>Bachelor Degree in Engineering in the field of Electronic and Communication Engineering / Computers / IT/ Computer Applications / Instrumentation Engineering from a recognized university with at least 60% marks at the qualifying degree level.</p>			
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### Duties and responsibilities

S.No.	Position	Duties & Responsibilities
1	Research Associate (RA)-I and Research Fellow (RF)	Seismic Data interpretation. Installation and configuration of Seismic Data Acquisition Systems for operation in local and regional seismological networks. Monitoring the functioning of Seismic data acquisition system and data flow. Continuous seismic waveform data and its meta data management for permanent archival and storage purposes. Computer Hardware and software related aspect of various computers and communication network systems. 24x7 Earthquake Monitoring Centre. Earthquake Pre-cursory studies and to work in 24x7 Earthquake Monitoring Centre as Duty Staff as and when required.

### 3. Project-Seismic Microzonation (SM)

SNo:	Category of posts	Post Code	No. of posts	Essential Qualification	Field of Specialization & Experience	Age limit	Emoluments per month (Rs.)
1	Consultant	SM01	01	Post Graduate Degree M.Tech / M.Sc (Tech) / M.Sc in geophysics / Geology / Environmental Science with GIS knowledge/Remote Sensing with GIS knowledge/ Geoinformatics/ Civil Engineering with Geotechnical expertise /	<ul style="list-style-type: none"> <li>• Must be Senior level Scientists /Engineers / Academicians from central government service</li> <li>• Not less than 20-years of Experience in field investigations of geophysical and geotechnical studies, sample analysis and</li> </ul>	70 years	Rs. 80,000/- (Governed by rules of MoE S / Govt. of India and GFR guidelines of

				Physics with expertise in seismology field / Mathematics with expertise in seismology field from a recognized university / Institute.	laboratory studies / and processing / interpretation of processed data / preparation of technical reports related to Seismology / Seismic Microzonation.		Ministry of Finance).
2	Research Associate (RA)-II	SM04	02	Post Graduate Degree M.Tech / M.Sc (Tech) / M.Sc in Geophysics / Geology / Environmental Science with GIS knowledge / Remote Sensing with GIS knowledge / Geoinformatics / Civil Engineering with geotechnical expertise / Physics with at least 60% marks at the qualifying degree level and expertise in seismology field / Mathematics with expertise in seismology field from a recognized university / Institute.	Exposure in the field surveys on basic / applied aspects of seismology / geotechnical / geo-environmental fields. Candidates having experience in the field of Seismic Microzonation will be preferred based on their performance in the interview.	35 years	61,000/- + HRA

**Duties and responsibilities**

S. No.	Position	Duties & Responsibilities
1	Consultant	The hired temporary consultant for the said project will be responsible for providing his guidance and supervision to the field activities and researchers and scientists for acquiring field data through the qualified agencies as per the approved RFP of the project. He/she will support and assist the Project Director in every aspect of the field investigations, laboratory tests and data analysis including field design, planning and evaluation of the data collected by the qualified agencies. In addition to this, he / she will also evaluate data and reports on seismic microzonation available with other institutions / organizations of India for compiling the entire data set to generate comprehensive reports on seismic hazard microzonation for the cities as the end product under the project. With his / her available expertise he will help and advice for deployment of the multi-disciplinary tools of Geophysical, Geotechnical, Geo-environmental and Earthquake Engineering during investigations under the project. He / she should advice and monitor for hazard analysis, safely audit of the project during implementation and the various phases of the execution, with a very high degree of technical completeness.
2	Research Associate (RA)-II	They will conduct applied and basic aspects of seismology, geology, geotechnical, geo-environmental, etc., with a focus on the cities of India and they will assist the field investigations and data compilation activities of the project as per the guidelines and RFP of the project developed by Ministry of Earth Sciences. They will assist supervision of the field activities to be carried out by qualified agencies with smooth coordination with every unit involved in the project. They will substantially involve in analyzing data generation. He / she will involve in organizing professional meetings and workshop. They will work under supervision of project Director / consultant / Project scientists.

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## **GENERAL CONDITIONS**

- The number of posts to be filled may vary. The Ministry reserves the right to cancel the engagement without assigning any reason.
- Processes related to hiring and salaries of Consultant will be governed by rules of MoES / Govt. of India and GFR guidelines of Ministry of Finance, Govt. of India.
- The prescribed essential qualifications are minimum and the mere possession of the same does not entitle candidates to be called for interview. If the number of applications received in response to Advertisement is large, it will not be convenient or possible for the Recruitment Board to interview all those candidates. So, the Ministry may restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and /or experience prescribed in the advertisement as per the specific requirement of the Project. No correspondence will be entertained with candidates who are not called for interview/selected for engagement. **CANVASSING IN ANY FORM WILL RESULT IN DISQUALIFICATION OF CANDIDATURE.**
- The selected candidates are liable to serve anywhere in India.
- Experience will be counted after completion of essential academic qualifications, while a completed Doctorate degree will be counted as three years' experience.
- Age relaxation for SC/ST candidates for 05 years and OBC 03 years. Candidates already employed in project mode in the Institute / Department / organization may be given an age relaxation up to 03-years.
- The appointment of the project staff shall be purely on contractual basis with pay as per DST guidelines. Renewal of services of project staffs will be based on their satisfactory performance, to be assessed every year for the duration of the project
- TA/DA will not be admissible for attending interview as the case may be.