



**Government of India**  
**Ministry of Earth Sciences (MoES)**  
**National Centre for Coastal Research (NCCR)**  
**NIOT Campus, Velachery-Tambaram Main Road, Pallikaranai,**  
**Chennai - 600100**

**WALK-IN-INTERVIEW**

**Advertisement No. MoES/NCCR/13/Kalpasar/Manpower/2021**

**National Centre for Coastal Research (NCCR)**, an attached office of the Ministry of Earth Sciences, is in the process of filling up of project positions through **WALK-IN-INTERVIEW** mode (**with online interview**) for the project "Preparation of Detailed Project Report for Construction of Kalpasar Dam". The posts for the project are purely on temporary and on contract basis for a period of 8 months or co-terminus with the project, whichever is earlier. The contract services may likely to be extended based on the project requirements.

**ONLINE** applications are invited for filling up the following project positions from citizens of India, fulfilling the eligibility criteria. The details of project posts, number of vacancies and emoluments are given below:

<b>Post Name</b>	<b>No. of Vacancies</b>	<b>Monthly Emolument</b>
Project Scientist-II	<b>16</b>	Rs.67,000/- + HRA
Project Scientist-I	<b>3</b> [OBC-1, UR-2]	Rs.56,000/- + HRA
Project Associate-II	<b>1</b>	Rs.28000/-+HRA
Technical Assistant	<b>2</b>	Rs.20000/- +HRA

More details on posts, qualifications, experience and nature of work along with link for ONLINE Application Form, are available on NCCR website page: <https://www.nccr.gov.in/KRect2021/krect1.htm>

Online registration commencement date : 08.07.2021 5:00 PM  
Last date for submission of online application : 22.07.2021 5:00 PM

Date: 05.07.2021

**HEAD OF OFFICE**

The details of posts, post codes, eligibility criteria, such as qualification, nature of work and other terms and conditions are given below:

S.N.	Post Name, No. of Posts & Discipline	Post Code	Essential Qualification	Desirable Qualification	Nature of Work
1	<b>Project Scientist-II</b> <b>1 Post</b> <b>Marine Geotechnical</b>	<b>PS-II-MG1</b>	i. B.E/B.Tech in Civil Engineering or equivalent from a recognized University/ Institute with at least first class not less than 60% marks. ii. Minimum Three (03) years experience in Marine Geotechnical Investigations and design of foundations for Marine structures/ dams.	i. M.E/ M.Tech in Geotechnical Engineering or equivalent from a recognized university. ii. Experience in geotechnical studies and application of software like Plaxis, etc.	Offshore geotechnical investigations, study of field soil characteristics, laboratory soil testing and analysis, review test results and develop design recommendations.  Planning, analysis and design of foundations for Marine structures and dams.  Preparation of design document and technical reports.
2	<b>Project Scientist-II</b> <b>3 Posts</b> <b>Marine Structures</b>	<b>PS-II-MS2</b>	i. B.E / B.Tech in Civil Engineering or equivalent from a recognized University/ Institute with at least first class not less than 60% marks. ii. Minimum Three (03) years experience in analysis, design and implementation of marine structures, coastal protection structures, offshore structures, wind turbine foundations and dam structures.	i. M.E/ M.Tech in Structures / Ocean or equivalent from a recognized university. ii. Experience in the design of marine / offshore structures using softwares like STAAD Pro and SACS.	Planning, analysis, design and execution of marine / offshore / Dam structures.  Planning and preparing construction schedules, drawings, BOQ, estimation and technical specifications for civil works.
3	<b>Project Scientist-II</b> <b>1 Post</b> <b>Coastal Hydrodynamics</b>	<b>PS-II-CH3</b>	i. B.E / B.Tech in Civil Engineering or equivalent from a recognized University/ Institute with at least first class not less than	i. M.E/ M.Tech in Civil / Ocean or equivalent from a recognized university. ii. Experience in numerical modeling of coastal process	Numerical Modelling of coastal processes and nearshore dynamics.  Field survey, data processing and analysis of coastal processes data.

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			60% marks. ii. Minimum Three (03) years experience in numerical modelling of coastal processes, nearshore dynamics and field measurement's	using Software's like MIKE/ Delft.	Preparation of technical reports.
4	<b>Project Scientist-II</b>  <b>2 Posts</b>  <b>Coastal Flood Modelling</b>	<b>PS-II-CF4</b>	i. B.E / B.Tech in Civil Engineering or equivalent from a recognized University/ Institute with at least first class not less than 60% marks. ii. Minimum Three (03) years experience in numerical modelling of coastal and River flood.	i. M.E/ M.Tech in Civil / Ocean / hydraulic or equivalent from a recognized university.  ii. Experience in numerical modeling of coastal and River Flood using Software's like MIKE / Delft.	Numerical Modelling of coastal and riverine flood.  Field survey, data processing and analysis of Flood data.  Preparation of technical reports.
5	<b>Project Scientist-II</b>  <b>1 Post</b>  <b>Hydrology &amp; Watershed</b>	<b>PS-II-HW5</b>	i. B.E / B.Tech in Civil Engineering or equivalent from a recognized University/ Institute with at least first class not less than 60% marks. ii. Three years field experience in hydrology and watershed management for Dams.	i. M.E/ M.Tech in in Civil Engineering or Hydrology or equivalent degree from a recognized university.	Planning and execution of Watershed development and management.  Hydrological studies for dam's design and Preparation of technical reports.
6	<b>Project Scientist-II</b>  <b>3 Posts</b>  <b>Remote Sensing/GIS</b>	<b>PS-II-RS6</b>	i. Master's Degree in Geoinformatics / Geomatics/ Remote Sensing or equivalent from a recognized University / Institute with at least first class not less than 60%	i. Ph.D. in Geoinformatics / Geomatics / Remote Sensing or equivalent from a recognized University / Institute.  (OR) M.E/ M.Tech in Geomatics /	Satellite data processing, preparation of GIS maps, collection of primary and secondary data, data processing and report preparation, etc.  Undertake periodical in-situ data collection, operating different optical

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			<p>marks. (OR)</p> <p>ii. B.E / B.Tech in Geomatics / Geoinformatics / Remote Sensing or equivalent from a recognized University / Institute with at least first class not less than 60% marks.</p> <p>iii. Minimum Three (03) years experience in Satellite Data processing, GIS Mapping, Web GIS Applications and product development using Remote sensing / GIS applications.</p>	<p>Geoinformatics / Remote Sensing or equivalent from a recognized University / Institute.</p>	<p>instruments</p> <p>Experience in web GIS applications</p>
7	<p><b>Project Scientist-II</b></p> <p><b>2 Posts</b></p> <p><b>Computer Science</b></p>	PS-II-CS7	<p>i. Master's Degree in Computer Science / Computer Applications or equivalent from a recognized University / Institute with at least first class not less than 60% marks. (OR)</p> <p>ii. B.E / B.Tech in Computer Science / Information Technology or equivalent from a recognized University / Institute with at least first class not less than 60% marks.</p> <p>iii. Minimum Three (03) years experience in developing</p>	<p>i. Ph.D. in Computer Science or equivalent from a recognized University / Institute. (OR)</p> <p>M.E / M.Tech in Computer Science / Information Technology or equivalent from a recognized University / Institute.</p> <p>ii. Experience in Developing web applications using geospatial tools;</p>	<p>To maintain a geospatial database and development of Web GIS application related to Infrastructure/Dam Projects.</p> <p>To design, develop and implement programming languages or other GIS tools to create custom applications on coastal hazards, maintain databases, develop customized geospatial tools for web portals.</p>

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			web applications using geospatial tools;		
8	<b>Project Scientist-II</b> <b>1 Post</b> <b>Physical Oceanography</b>	<b>PS-II-PO8</b>	<p>i. Master's Degree in Oceanography / Marine Science / Mathematics / Physics or equivalent from a recognized University / Institute with at least first class not less than 60% marks.</p> <p>(OR)</p> <p>ii. B.E / B.Tech in Civil/ Ocean Engineering or equivalent from a recognized University/ Institute with at least first class not less than 60% marks.</p> <p>iii. Minimum Three (03) years in coastal process modelling, oceanographic measurements and data Analysis.</p>	<p>i. Ph.D. in Science in related fields.</p> <p>(OR)</p> <p>M.E / M.Tech in Ocean / Coastal Management or equivalent.</p> <p>ii. Experience in field measurements and numerical modelling of coastal processes and nearshore dynamics</p>	<p>Analysis of oceanographic data and coastal modelling.</p> <p>Deployment / retrieval of oceanographic instruments.</p>
9	<b>Project Scientist-II</b> <b>1 Post</b> <b>Instrumentation</b>	<b>PS-II-IN9</b>	<p>i. Bachelor's Degree in Engineering or Technology in Electrical/ Electronics / Communication / Instrumentation or equivalent from a recognized University / Institute with at least first class not less than 60% marks.</p>	<p>i. Master's Degree in Engineering or Technology in Electrical/ Electronics / Communication / Instrumentation or equivalent from a recognized University</p> <p>ii. Strong technical knowledge in handling oceanographic and meteorological</p>	<p>To Carry out studies related to oceanographic data collection, deployment, retrieval and maintenance of oceanographic instruments.</p> <p>To carry out Topography, Bathymetry surveys and process the data.</p>

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			ii. Minimum Three (03) years' experience in field oceanographic measurements and data analysis.	instruments such as ADCP, ADV, DWR, RCM, RTK GPS and other related instruments.	
10	<b>Project Scientist-II</b>  <b>1 Post</b>  <b>Structural Engineering</b>	<b>PS-II-SE10</b>	i. Bachelor's Degree in Civil Engineering or equivalent from a recognized University/ Institute with at least first class not less than 60% marks. ii. Minimum three years of research and teaching experience in analysis and design of structures	i. M.E/ M.Tech in Structures Engineering or equivalent from a recognized university. ii. Experience in analysis, and design of structures using software like STAAD Pro.	To carry out Analysis and Design of structures and preparation of technical reports.  To carry out detailed engineering and specifications.
11	<b>Project Scientist-I</b>  <b>1 Post</b>  <b>Environmental Engineering</b>	<b>PS-I-EE11</b>	i. B.E / B.Tech in Civil / Environmental Engineering or equivalent from a recognized University/ Institute with at least first class not less than 60% marks.	i. M.E / M.Tech in Environmental or equivalent from a recognized university. ii. Experience in studies related to Environmental Impact Assessment for Marine/ River Valley Projects.	Planning and execution of Environmental Impact Assessment studies and management Plans for Marine/ River Valley Projects.
12	<b>Project Scientist-I</b>  <b>1 Post</b>  <b>Remote Sensing/GIS</b>	<b>PS-I-RS12</b>	i. Master's Degree in Geoinformatics / Geomatics/ Remote Sensing or equivalent from a recognized University / Institute with at least first class not less than 60% marks. (OR) ii. B.E / B.Tech in Geomatics / Geoinformatics/Remote Sensing or equivalent from	i. Ph.D. in Geoinformatics / Geomatics / Remote Sensing or equivalent from a recognized University / Institute. (OR) M.E/ M.Tech in Geomatics/ Geoinformatics / Remote Sensing or equivalent from a recognized University / Institute. ii. Experience in satellite data,	Satellite data processing, preparation of GIS maps, processing of meteorological and weather model datasets in data collection of primary and secondary data, data processing and report preparation.

S.N.	Post Name, No. of Posts & Discipline	Post Code	Essential Qualification	Desirable Qualification	Nature of Work
			a recognized University / Institute with at least first class not less than 60% marks.	handling numerical weather models datasets and GIS Mapping	
13	<b>Project Scientist-I</b> <b>1 Post</b> <b>Computer Science</b>	<b>PS-I-CS13</b>	<p>i. Master's degree in Computer Science/ Computer Applications or equivalent from a recognized University/ Institute with at least first class not less than 60% marks.</p> <p>(OR)</p> <p>ii. B.E / B.Tech in Computer Science / Information Technology or equivalent from a recognized University / Institute with at least first class not less than 60% marks.</p>	<p>i. Ph.D. in Computer Science or equivalent from a recognized University / Institute.</p> <p>(OR)</p> <p>M.E/ M.Tech in Computer Science / Information Technology or equivalent from a recognized University/ Institute.</p> <p>ii. Experience in Developing web applications using geospatial tools and developing machine language applications</p>	<p>To design, develop and implement applications using AI and ML</p> <p>To maintain a geospatial database and development of Web GIS application.</p>
14	<b>Project Associate-II</b> <b>1 Post</b> <b>Computer Science</b>	<b>PA-II-CS14</b>	<p>i. Bachelor's Degree in Engineering/Technology or equivalent from a recognized University / Institute</p> <p>ii. Minimum Two (02) years experience in installation, configuration and troubleshooting of computing systems and networking.</p> <p>ii. Experience in Storage Management, LVM Storage,</p>	<p>i. Microsoft Certified Administrator OR any Linux certified engineer such as RHEC/LFCE/LPIC and have any network certification such as CCENT/CCNA.</p> <p>ii. Work experience in installation, configuration and troubleshooting of systems and well versed in Windows &amp; Linux operating systems and having good knowledge of networking protocols.</p>	<p>To carry out installation, configuration and troubleshooting of Desktop, workstation, server, laptop and printers.</p> <p>To carry out installation, configuration and troubleshooting of networking resources such as switches, routers, Wi-Fi, Network firewall, IP Routing, and synchronization.</p>

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			RAID Devices, and File System configuration.		
15	<b>Technical Assistant</b>  <b>2 Posts</b>  <b>Civil</b>	TA-CI15	v. Diploma in Civil Engineering or equivalent from a recognized University / Institute with at least first class not less than 60% marks.	iii. Work experience in preparation of drawing for Marine/coastal structure Computer Aided Design packages like AutoCAD.	Preparation of conceptual sketches, architectural layouts and detailed engineering drawings for Marine structures.



### General Conditions :

1. Applicant must be a citizen of India. All the positions are temporary and on contract basis. The completion of the period of contract will not confer any right for further regularisation and permanency at NCCR.
2. The remuneration, upper age limit will be as per OM No.MoES/25/07/2011-Estt, dated 24.05.2021 of Ministry of Earth Sciences.

### 3. Age Limit :

Post Name	No. of Vacancies	Age (Years)
Project Scientist-II	16	40
Project Scientist-I	3 [OBC-1, UR-2]	35
Project Associate-II	1	35
Technical Assistant	2	50

The applicants should not have exceeded the upper age limit specified above as on **01.07.2021**. Maximum age relaxation of 05 years is applicable to SC/ST and 3 years for OBC applicants. Age relaxation for PwD/Ex-servicemen will be considered as per Govt. of India rules.

4. The prescribed educational qualifications should have been obtained from recognized Board/Institutions/Universities.
5. Applicant should ensure that he/she possesses the essential qualifications and experience in the relevant area as required for the post, for which he/she is applying, on the last date of filing of the online application.
6. Number of vacancies advertised is tentative and the same may increase or decrease on the basis of the project requirement.
7. In case a particular institute does not have any criteria for first class or equivalent, 60% marks will be taken as equivalent to first class. In such cases where conversion formula is not available, CGPA/CPI of 6.75 (for a 10 point scale) will be taken as equivalent to 60% as per AICTE guidelines.
8. The prescribed essential qualifications are the minimum and mere possession of the same does not entitle applicants to be called for the interview. The decision of NCCR in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, will be final and binding on the applicants and no enquiry or correspondence will be entertained in this connection.
9. Experience certificate issued from the competent administrative authority of the concerned organization will only be considered.
10. The period of experience for the post /area of work wherever prescribed shall be counted from the date of acquiring the prescribed minimum educational qualifications required for that post.

11. Doctorate degree in the relevant field for the applied post will be counted as 03 years experience.
12. Applicants will be short-listed for Walk-in-Interview (by online mode) on the basis of the information provided by them in their online application.
13. The applicant is solely responsible for the correctness of the information provided in the online application. If it is found at a later date that any information given in the application is incorrect or false, the candidature is liable to be cancelled, or the appointment will be terminated.
14. If the number of applicants registered online for interview are reasonably very high, then the applicants will be short-listed by a screening committee based on academic qualification and relevant experience. In case of short listing done by screening committee, then the committee will adopt suitable criteria for bringing down the number of applicants to be called for interview.
15. **Walk-in-Interview** for the screened-in candidates would be conducted by online mode. The date and time of the online interview along with the ONLINE Link will be sent to applicant's registered email, before the interview date and candidates are informed to visit website for details.
16. The selection for the post will be on the basis of performance of the screened-in candidates in the interview and on verification of original certificates / relevant documents at the time of certificate verification / appointment.
17. Applicant should be willing to undertake field data collection programs, participation in small boats/ fishing trawlers/research vessels for oceanographic survey, any place in India
18. The place of posting will be in Chennai or at any other location in India including Andaman & Nicobar, Lakshadweep Islands.
19. NCCR strives to have a workforce which reflects gender balance and women candidates are encouraged to apply for the posts.
20. Incomplete applications (i.e. without photograph, no supportive documents, etc. as per online application form and without reference number) will not be entertained and will be summarily rejected.
21. Any further information regarding this advertisement such as date, time and venue of interview / tests, addendum/corrigendum or any variation in number of post/cancellation of post. and all future updates will be uploaded on the NCCR website (<https://www.nccr.gov.in>) only. Therefore, applicants are informed to visit NCCR website regularly.
22. Canvassing in any form and/or bringing in any influence political or otherwise will be treated as a disqualification for the post.

### **HOW TO APPLY:**

23. Applicants are requested to read the advertisement details carefully before applying for the above posts and they should follow the prescribed procedure for submission of online application.

24. Applicants are advised to fill their correct and active e-mail address in the registration/online application, as all correspondence will be made by NCCR through applicant's registered e-mail only.
25. The various steps involved in the online process are : 1) Online Registration 2) Activate Account and 3) Apply Online with uploading of self attested copies of certificates, supportive documents, etc.(in .pdf format) and uploading of photo & signature of the applicant (in .jpg format).
26. Applicant will receive an auto generated email regarding their registration, submission of application details, etc. during the online process. Applicants are requested to check their spam / junk folder and there may be a chance of this mail placed at user's spam / junk folder.
27. Applicant must fill the online application and upon submission, each application will be assigned a system generated reference number. Applicant has to take printout of the submitted application for their reference. Also, applicant's are requested to ensure that the **system generated Reference Number is printed on the application form**. Applications without Reference Number will not be considered.
28. Applicants applying for more than one post should submit separate applications for each posts. Multiple applications from an applicant for the same post code will be rejected.
29. Applications received through email or Incomplete applications or applications received after the prescribed time limit will be rejected.
30. In case of any difficulty in the process of submitting online application, applicant can send email request to [krect@nccr.gov.in](mailto:krect@nccr.gov.in) with all relevant details including any error message, screen-shot, etc., which will be resolved during working days.

**Link for Online Application URL:** <https://www.nccr.gov.in/KRect2021/krect1.htm>

Online registration commencement date : 08.07.2021 5:00 PM

Last date for submission of online application : **22.07.2021 5:00 PM**

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