



## जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र

जक्कुर पोस्ट, बेंगलूरु - 560064, कर्नाटक, भारत

विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान  
सम विश्वविद्यालय संस्था

### Jawaharlal Nehru Centre For Advanced Scientific Research

Jakkur P.O., Bengaluru - 560064, Karnataka, INDIA

An autonomous institution under Department of Science and Technology, Govt. of India.  
An Institution Deemed-to- be-University

Advertisement No. JNC/AO/01/2026

Dated: 23.01.2026

**THE CANDIDATES WHO HAVE ALREADY APPLIED AGAINST THE EARLIER ADVERTISEMENT NO.JNC/AO/02/2025 DATED 05.04.2025 NEED NOT APPLY AGAIN. HIS/HER APPLICATION SUBMITTED AGAINST THE ABOVE-REFERENCED ADVERTISEMENT SHALL REMAIN VALID.**

JNCASR invites applications for the following position:

**Name of the post:** JUNIOR PROJECT ENGINEER

**Number of posts:** 01

**Category:** UR

**Age Limit:** Below 35 years of age as on the last date of receipt of applications.

**Pay Level:** Level 6 plus admissible allowances

**Minimum Educational Qualification and Experience:**

A Bachelor's degree in Civil Engineering from an accredited university or college

**Desirable Qualification:**

- Demonstrated proficiency in managing and supervising construction projects.
- Experience with Microsoft Office Suite, GIS, AutoCAD, and other software.
- Ability to manage multiple construction projects at various stages of their lifecycle.
- Strong knowledge of construction methods, materials, and regulations.
- Competent in assessing, interpreting, and presenting survey reports and other critical data for stakeholders and shareholders.
- Excellent project management and organizational skills.
- Strong problem-solving and decision-making ability with effective communication.
- Ability to work effectively in a team and coordinate with multiple stakeholders.
- Attention to detail and a focus on delivering high-quality results.
- Thorough knowledge of the Indian Building Code, safety regulations, and standards.
- Excellent interpersonal, leadership, and management skills.
- Knowledge of sustainable construction practices.
- Understanding of budgeting and cost control.

**Experience:**

A minimum of 4 years of experience as a site engineer, civil engineer or an equivalent role.

**Job Responsibilities:**

- Oversee and manage construction activities at the site, ensuring adherence to project specifications, codes and safety regulation.
- Conduct regular site inspection to monitor progress, identify potential issues and ensure compliance with engineering and design requirements.
- Collaborate closely with project managers, architects and subcontractors to ensure timely project completion.
- Analyse and interpret engineering plans, aerial photography, blueprints, topographical and geologic data and technical drawing to plan and execute construction activities.
- Coordinate the procurement and delivery of construction materials, ensuring their compliance with industry standards.
- Identifying potential risks and implementing preventive measures to minimize project delays, cost overruns and safety hazards.
- Maintain accurate project documentation, including progress reports, site diaries, change orders and quality control measures.

**Job Description:**

- Supervising and managing construction projects from start to finish, ensuring adherence to project plans and specifications.
- Reporting project updates, milestones and potential risks to the project manager and key stakeholders.
- Analyzing and interpreting engineering drawings, survey reports and other technical documentation to guide the construction process.
- Planning and oversee allocating resources, materials and equipment to optimize project efficiency.
- Monitoring project costs, identifying cost-saving opportunities and adhering to budget constraints.
- Providing technical guidance and expertise to resolve construction-related challenges.

**Method of Selection:**

The online test comprises two parts: Part A (General Aptitude Test) and Part B (Skill Test). Part B will be qualifying in nature and will be evaluated only for those candidates who are successful in Part A. **The date and other details regarding the on-the-job skill test will be announced later.**

**Recruitment test:** The online Test will be conducted in **Bengaluru, and the question papers will be in English only.**

**Fees:**

**Application fee:** - Rs. 500/-

SC/ST/Women/Divyang/Ex-servicemen  
and transgender candidates - Rs. Nil

**Processing fee:**

For all the candidates: - Rs. 450/-

**Mode of payment:** Through online Payment Gateway by the usage of Credit/ Debit/Net Banking and UPI modes of payment. Payment Gateway charges must be borne by the candidates, wherever applicable.

**For a refund of any excess payment, email [pgsupport@billdesk.com](mailto:pgsupport@billdesk.com)**

**Note:**

- 1. Only those candidates who register themselves and pay the necessary fees as notified above and meet all the requirements with respect to age, educational qualification, and experience in the relevant field, etc, shall be conferred with the right to attempt the Computer-Based Online Test for the post the candidate has applied for. Mere registration by the candidate does not entitle the candidate to any right or claim to attempt the online Test.**
- 2. Women candidates and applicants from other underrepresented categories are encouraged to apply.**

**Reservations, Relaxation, and Concessions:**

1. The staff members serving regularly at the Centre shall be eligible for age relaxation as per the Government of India norms.
2. The **temporary staff/Project staff/Outsourced staff** presently working in JNCASR and who have completed a minimum continuous period of 3 years in JNCASR shall be eligible for one-time age relaxation to the extent of their service in JNCASR. However, the upper age limit for such candidates should not exceed 50 years as of the last date for receipt of applications. All other eligibility criteria, like essential educational qualifications and experience, remain unchanged.

**Terms and conditions:**

- i) The candidate must be a citizen of India.
- ii) Uploading and submission of Marks Cards & Certificates in support of qualification (starting from Class 10th onwards), marks obtained by them in the essential qualification degree, caste, experience, etc., is mandatory along with the application form. The experience certificate should necessarily contain details of the duration of the assignment in each organization/company/institution, etc. Applications will be summarily rejected without these attachments. No correspondence will be entertained in this regard.
- iii) Candidates who are awarded gradations under the CGPA/GPA system in respect of class XII are advised to submit the correct percentage of marks obtained as per the Board guidelines for conversion of CGPA/GPA to the appropriate percentage. The onus is on the candidate to provide documentary evidence for the conversion formula at the time of certificate verification.
- iv) The prescribed qualifications are the minimum required, and the mere fact that a candidate possesses the same will not entitle them to be shortlisted for further procedure.
- v) Candidates should submit applications well in advance, without waiting until the last date.
- vi) Candidates applying for any or all of the positions advertised have an option in the online portal.
- vii) Fees once paid are non-refundable.

- viii) Candidates are required to check their email frequently for any communication from JNCASR. No correspondence will be made with applicants who are not shortlisted.
- ix) Candidates will have to appear for the written test at their own cost.
- x) The joining formalities will be intimated only to the selected candidates.
- xi) JNCASR reserves the right to reject any application without assigning any reason. The Centre also reserves the right to cancel the advertisement/recruitment at any stage for administrative reasons. No correspondence will be entertained in this regard.
- xii) The decision of the President, JNCASR in all matters relating to eligibility, acceptance or rejection of the applications, the penalty for false information, mode of selection, allotment of the post to the selected candidate, etc., will be final and binding on the candidates and no inquiry or correspondence will be entertained in this matter and grievance is subject to the Bengaluru jurisdiction only.
- xiii) Any canvassing by or on behalf of the candidates or trying to exert political or other outside influence regarding selection/recruitment shall lead to the disqualification of the candidates, and no enquiry regarding the same shall be entertained in this regard. JNCASR retains the unequivocal right to opt for rejection of any candidate who resorts to such kind of undue influence.
- xiv) The details filled in the online form and the supporting documents uploaded by the applicants in the application form stage shall be duly counterverified **with the originals**. If the candidates fail to provide authentic proof of the details they have filled in or uploaded, they will not be qualified for further selection procedures.

In the event of the fact that JNCASR has adequate material evidence and finds that the candidate has manipulated the documentation for his/her candidature later, post the candidate is offered a job and having been employed in JNCASR, the disciplinary/criminal proceedings will be initiated against such candidates and the Competent Authority of JNCASR shall have absolute right to terminate the Employment, offering a written notice to the candidate.

- xv) Candidates are advised to regularly visit the JNCASR web portal for any updates, including the declaration of results. Any corrigendum/addendum/modifications in respect of the advertisement shall be made available only on the JNCASR website.

**Resolution of the tie cases:** Tie cases will be resolved by applying one after another, as applicable (i) Date of birth, with older candidates placed higher (ii) by draw in case the merit and date of birth are the same.

**Computer-Based Online Test Pattern:**

1. The Computer-Based Online Test shall comprise multiple-choice questions of 40 marks.
2. Negative marks will be applicable, and a deduction of 0.25 marks will be made for each MCQ question that is wrongly answered for the computer-based online test.
3. The Computer-Based Online Test shall be sequential with subtopics as mentioned below. The Online Test shall be for 50 minutes.

## Test pattern

Sl. No.	Subtopics	Marks per question	No. of questions
<b>PART – A (General Aptitude Test)</b>			
1	Logical Reasoning	1	15
2	Numerical Reasoning	1	05
3	Verbal Reasoning	1	15
4	General Awareness	1	05
<b>Total</b>			<b>40</b>
<b>PART – B (Skill Test)</b>			
On-the-job skill test in the areas specified under desirable qualifications, job responsibilities, and job description			60 Marks

**Candidates are required to upload the following documents along with their application**

- i) Photocopy of age proof of date of birth (Matriculation Certificate).
- ii) Photocopies of all educational qualification marksheets (Matriculation and onwards), including experience certificate.
- iii) Internal (temporary/project/outsourced staff) candidates seeking age relaxation should submit an experience certificate issued by the Competent Authority of JNCASR.
- iv) Candidates working in Government/PSU/Autonomous Bodies should obtain NOC from the present employer and submit it along with the application. However, an application without NOC will also be considered, provided the candidate submits a duly signed undertaking that the NOC will be submitted at the time of certificate verification.
- v) Certificate from Ex-servicemen seeking age relaxation in the prescribed format along with the discharge certificate, if applicable.
- vi) Passport-size color photograph showing the frontal view of the candidate, not older than 3 months.

### **How to apply:**

- a) **The link to apply shall be made live from 23.04.2026, 11: 00 AM onwards**
- b) **The last date for receipt of online applications with all necessary documentation and payment will be 13.05.2026**
- c) **The candidates willing to apply shall click on the following link:**

**<https://cdn.digialm.com/EForms/configuredHtml/32504/100220/Registration.html>**

### **Disclaimer:**

1. **JNCASR absolves itself of any responsibility and vicarious liability in case a candidate is unable to apply due to extraneous factors like natural calamities, power outage, internet connectivity, etc.**

- 2. The candidates assume complete responsibility for ascertaining the application status and the status of remittance of fees supported by the online application, with validated acknowledgements for having registered and remittance of the requisite fee. No interactions shall be made by candidates applying for the aforesaid position with any personnel of JNCASR involved in the application process.**

**For any queries from prospective candidates regarding the clarity of the advertisement/payment status, please write to the help desk email: [recruitment@jncasr.ac.in](mailto:recruitment@jncasr.ac.in). No other means of communication shall be entertained in this regard.**

Sd/-  
Administrative Officer

Date: 23.01.2026

## **SYLLABUS FOR JUNIOR PROJECT ENGINEER RECRUITMENT EXAM**

### **Logical Reasoning**

It would include questions of both verbal and non-verbal type. This component may include questions on analogies, similarities and differences, space visualization, spatial orientation, problem solving, analysis, judgement, decision making, visual memory, discrimination, observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogistic reasoning etc. The topics are Semantic Analogy, Symbolic/Number Analogy, Figural Analogy, Semantic Series, Number Series, Figural Series, Problem Solving, Word Building, Coding & de-coding, Numerical Operations, Symbolic Operations, Trends, Space Orientation, Space Visualization, Venn Diagrams, Drawing inferences, Punched hole/pattern - folding & un-folding, Figural Pattern-folding and completion, Indexing, Address matching, Date & City matching, Classification of centre codes/roll numbers, Small & Capital letters/numbers coding, decoding and classification, Embedded Figures, Critical thinking, Emotional Intelligence, Social Intelligence & Other sub-topics, if any

### **Numerical Reasoning**

The questions will be designed to test the candidate's ability to use numbers appropriately and to demonstrate number sense. The scope of the test will be percentage, Ratio & Proportion, Square roots, Averages, Interest, Profit & Loss, Discount, Partnership Business, Mixture and Allegation, Time and distance, Time & work, Basic algebraic identities of School Algebra, Elementary surds, Graphs of Linear Equations, Triangle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons, Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Square, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency Polygon, Bar diagram, Pie chart and any other question of Matriculation level.

### **Verbal Reasoning**

Questions in this component will be designed to test the candidate's understanding and knowledge of English language and will be based on spot the error, fill in the blanks, synonyms, antonyms, spelling/detecting mis-spelt words, idioms & phrases, one word substitution, Improvement of sentences, active/passive voice of verbs, conversion Into direct/indirect narration, shuffling of sentence parts, shuffling of sentences in a passage, comprehension passage and any other English language questions at the level of Matriculation/Higher Secondary.

### **General awareness**

Questions in this component will test the candidate's general awareness of the environment around them and its application to society. Questions will also be designed to test knowledge of current events and of such matters of everyday observations and experience in their scientific aspect as may be expected of any educated person. The test will also include questions relating to India and its neighbouring Countries, especially pertaining to History, Culture, Geography, the Economic Scene, General Policy on higher education, the Indian Constitution, & Scientific Research.