

## Recruitment Notification

Advt. No: CiE/KBR/2026-27/DST-NQM-01

Dated:30-09-2026

The Department of Civil Engineering at the Indian Institute of science, Bengaluru invites applications from Indian Nationals only for the following position purely on temporary contract basis.

**Title of project:** Quantum algorithms and architecture for next generation diagnostics and beyond at scale

**Name of the positions advertised:**

1. Project Trainee (Laboratory Assistant/Technician/Project Assistant/Field Assistant).
2. Research Associate – I (Postdoctoral Researcher)
3. Research Associate – I (Postdoctoral Researcher)
4. Senior Research Fellow

**Principal Investigator:** Dr. Keshav Bharadwaj Ravi.

**Funding Agency:** DST

**Desirable qualification/experience:** As per Table below.

| Sl.no | Name of the position<br>(Desirable qualifications<br>and specializations in<br>italics)                                                                                               | No.s | Essential Qualification                                                                    | Consolidated<br>Emoluments<br>per month |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------|-----------------------------------------|
| 1.    | Project Trainee<br>(Laboratory Assistant /<br>Technician / Project<br>Assistant / Field<br>Assistant)<br><br><i>Experience in civil<br/>engineering lab work<br/>desired</i>          | 1    | B.Sc. / 3 years Diploma<br>in Engineering &<br>Technology<br>(or as per DST norms)         | ₹21,000 +<br>HRA                        |
| 2.    | Research Associate – I<br>(Postdoctoral Researcher)<br><br><i>Prior exposure to research<br/>in the field of structural<br/>health monitoring, fatigue,<br/>data acquisition, and</i> | 1    | PhD in engineering or<br>science from a<br>recognized university.<br>(or as per DST norms) | ₹58,000 +<br>HRA                        |

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|    | <i>interpretation of data from sensors used in civil engineering is required. Knowledge of ML tools will be beneficial.</i>                                                                                                                  |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               |
| 3. | <p>Research Associate – I (Postdoctoral Researcher)</p> <p><i>Strong computational background (including programming) is required. Prior exposure to research in the field of quantum algorithms and applied engineering is desired.</i></p> | 1 | PhD in engineering or science from a recognized university. (or as per DST norms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | ₹58,000 + HRA |
| 4. | <p>Senior Research Fellow</p> <p><i>Degree in Civil/Mechanical/Aerospace Engineering and allied areas is required. Prior exposure to non-destructive testing and instrumentation will be a bonus.</i></p>                                    | 1 | <p>Post Graduate Degree in Basic Science or Graduate / Post Graduate Degree in Professional Course in recognized university.</p> <p><b>and</b></p> <p>The candidate should also have qualified one of the following:</p> <ol style="list-style-type: none"> <li>1. CSIR-UGC National Eligibility Test, including NET-Lectureship.</li> <li>2. Graduate Aptitude Test in Engineering {GATE}</li> <li>3. National-level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD,</li> </ol> | ₹42,000 + HRA |

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|  |  |  | ICAR, IIT, IISc, IISER,<br>etc (Qualification<br>in JEE Mains &<br>Advanced/ JAM/N<br>EET UG/IISER<br>Entrance exams or<br>equivalent will not be<br>considered)<br>The candidates<br>recommended for the<br>JRF<br>position should be<br>qualified for one of the<br>above tests in the<br>relevant discipline<br><b>and</b><br>two years of research<br>experience<br><br>As per DST norms |  |
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*Note that the salaries mentioned above are provisional based on verification of documents post selection. If the required experience or qualifications are not met, the staff may be hired at a lower salary as per DST norms.*

### INSTRUCTIONS FOR APPLICANTS:

1. Candidates shall ensure that they are eligible for the position they intend to appear/apply for before appearing for the Interview.
2. Interested candidates should submit their applications (in PDF format) by email to **materials.civil@iisc.ac.in** with the subject as "NVF - Name of the Position applying for & candidate's name" on or before the **last date i.e. 13.10.2026, 5:00 PM** with the following documents:
  - The cover letter mentioning the Advt. No. with the name of the position applying for
  - Curriculum vitae,
  - Academic qualifications and the supporting details of experience,
  - Proof of age (e.g. Matriculation certificate) etc.

Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s), Proof of age (e.g. Matriculation certificate) at the time of interview for verification and ONE copy of each for submission.
3. No other mode of application/hardcopy submission of the online submitted application is accepted. However, candidates are advised to keep a printout of the online application form for future reference.

4. The details provided by the applicants in the resume will be duly verified before publishing the results. If the candidates fail to provide authentic proof for the details filled-in by them, their candidature will be summarily forfeited.
5. The prescribed qualifications are the minimum requirement and the mere fact that a candidate possesses the same will not entitle them for being called for Interview.
6. Candidates working in Government / PSU / Autonomous Bodies should obtain NOC from the present employer and present it at the time of interview.
7. The Institute reserves the right to reject any application without assigning any reason. The Institute also reserves the right to cancel the recruitment for the particular post at any stage due to any administrative reason. No correspondence will be entertained in this regard.
8. Please note that no TA/DA is admissible for attending the interview. Candidates will have to appear for Interview at their own cost
9. No in-campus accommodation will be provided in the Institute campus during the course of stay of the selected candidate/s.
10. Duration of appointment: Initial period of 2 months, extendable up to a year based on satisfactory performance.
11. In the case of non-availability of suitable candidates with desired qualification for a designation, we would look for candidates with relative lower qualifications, as per DST guidelines.
12. In the case of non-availability of suitable candidates with desired qualification for a designation, the PI reserves the right to keep the position vacant.
13. IISc is a premier research institute of international repute. Successful candidates are likely to get lucrative job offers from Govt. research establishments and private companies after the end of the projects. The projects also have publication potential, which will help in career building and higher studies. The project works also have the potential of being considered towards the candidate's thesis work, should he/she be selected as a student of the department (which is an independent selection process).
14. The **Interview is tentatively scheduled for the fourth week of October 2026** either online or in-person at the department of Civil Engineering, IISc-Bengaluru. The interview date and exact venue will be communicated to the shortlisted candidates separately via email. Therefore, please mention active E-mail ID and primary contact number in the application form.
15. Selected candidates will have to join duty immediately on receipt of the offer.

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| PI:                       | Through:                   |
| Dr. Keshav Bharadwaj Ravi | Chairman-Civil Engineering |