



Visvesvaraya National Institute of Technology Nagpur
South Ambazari Road, Nagpur – 440010
Department of Civil Engineering

Advertisement for the post of JRF in the Department of Civil Engineering – 01 no.

Applications are invited from interested and motivated candidates from Indian nationals only for the post of Junior Research Fellow (JRF) in a time-bound research project CSIR-ASPIRE project sanctioned by CSIR-HRDG (Sanction Order No. 22WS(0033)/2023-24/EMR-II/ASPIRE, dated 18.06.2024) for a temporary period, purely on contractual basis as per the following details.

Position	Junior Research Fellow (JRF)
No. of vacancy	01
Project title	Pedestrian Safety at Signalized Intersection Crosswalks under Left-Hand Driving Conditions
Department	Civil Engineering
Project tenure	Initially for 6 months extendable to a maximum of 03 years
Job description	<ul style="list-style-type: none">a) Carry out work on the research project with the title mentioned aboveb) Data collection from the field using drones and handy camerasc) Statistical analysis, Simulation in VISSIM, and coding in Python or C++d) Keep and maintain the record of the work in presentable form (soft as well as hard copy)e) Keep track of contingencies/consumables required for the workf) To carry out the detailed literature survey, writing research papers and technical reportsg) Carry out any other departmental work as directed by PIh) After joining the service of the Institute, the person will have to abide by the Rules, Regulations, Ordinances, Statutes, and Acts of the Institute applicable from time to time.
Essential qualification	B.Tech/ B.E. In Civil Engineering, M.Tech/ M.E. in Transportation (or Relevant Field) Engineering with a good academic background, and a valid GATE score. A minimum first class is required. Preference will be given to the candidates who have in-depth knowledge of pedestrian safety, signal design, simulation in VISSIM, statistical analysis, and coding in Python or C++. Also, please refer to the CSIR-HRDG website: www.csirhrdg.res.in Old GATE score will also be considered.
Age limit	28 years
Age relaxation	The upper age limit is relaxable up to 5 years in case of candidates belonging to scheduled castes/tribes/OBC, women, and physically handicapped candidates.
Fellowship	Rs. 37,000/- per month for the first two years and 42,000/- per month for the third year.

Duration	The post is purely temporary in nature. The post shall be a co-terminus with the duration and requirements of the project. The initial appointment is for the period of six months, which can be extended up to 03 years solely based on satisfactory performance.
Ph.D. Opportunity	The selected JRF candidate will have the opportunity to register for a regular PhD program provided the candidate satisfies the eligibility criterion for the PhD program in the Department of Civil Engineering. Candidates interested in extending their JRF to the Ph.D. program as per VNIT rules will be preferred. (https://vnit.ac.in/section/academics/admission/)
Mode of application	Interested candidates are requested to apply in the prescribed format (available online at the VNIT website) by <u>25.05.2025</u> . The duly filled application form along with all the enclosures (detailed curriculum vitae with information about educational qualifications, research experience and publications (if any), degree certificates, GATE scorecard and other relevant documents) <u>must be sent as a single PDF file</u> to the principal investigator at following email id: arpitasaha@civ.vnit.ac.in Please mention “Application for the Post of JRF in the Civil Engineering Department under CSIR-HRDG-ASPIRE” in the subject line of email. Provide complete information about all essential eligibility conditions, incomplete applications will be rejected. Candidate shall bring along with them the original degrees/ certificates, GATE scorecard, and experience certificates at the time of interview for verification. Also, bring one set of self-attested copies of the certificates.
Contact	Dr. Arpita Saha. Assistant Professor, Room No- 308, New Academic Building, Department of Civil Engineering, Visvesvaraya National Institute of Technology, Nagpur. Contact no: +91- 9690806002, 0712-2802258 Email: arpitasaha@civ.vnit.ac.in
Important notes	Mere fulfilment of qualifications/experience requirements does not entitle a candidate to be called for the interview. Candidates will be shortlisted based on their academic performance/professional/research experience, only short-listed candidates will be intimated by email and will have to appear for a written test and/or interview on the date as communicated through email. No correspondence whatsoever will be entertained from candidates regarding reasons for not being called for an interview, conduct and the result of the interview. No TA/DA will be paid for appearing in the interview. The decision of the Director, VNIT Nagpur will be final in all respects. Original documents of Photo ID/age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of the interview.

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