

DEPARTMENT OF CIVIL ENGINEERING

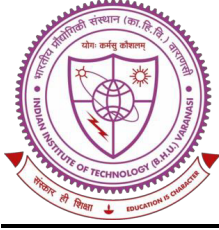
Dr. Agnivesh P
Assistant Professor

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Advertisement for the position of Software Engineer in a Sponsored Project

Applications are invited from Indian nationals for the temporary position of **SOFTWARE ENGINEER** to work on the sponsored research / consultancy project titled **“Developing External Circulation and Multimodal Integration Plans for Varanasi Ropeway Project”** (Project Ref. No. 2026RPMS00001989), funded by **Paradip Port Road Company Limited (PPRCL)**, reporting to Dr. Agnivesh P, Department of Civil Engineering, IIT (BHU) Varanasi. The position details are outlined below.

Name of the Position	Software Engineer
Number of Openings	One (01)
Duration	Co-terminus with the project (up to its completion on 13 March 2027). Initial appointment for an initial term, extendable based on satisfactory performance and continuation of the project.
Salary / Emoluments	Rs. 40,000/- per month (consolidated). TDS as per institute norms.
Essential Qualification	B.Tech / B.E. in Electronics & Communication Engineering (ECE) or Computer Science & Engineering (CSE) , from a recognised University / Institute, with a minimum of 55% marks (or equivalent CGPA).
Desirable (an advantage, not mandatory)	<ul style="list-style-type: none">• Proficiency in Python and/or JavaScript / TypeScript, C / C++; web / full-stack development• Experience with data processing, databases (PostgreSQL / PostGIS) and APIs• Familiarity with GIS (QGIS / ArcGIS), spatial data, and visualisation libraries (Plotly, D3, Leaflet)• Exposure to traffic / pedestrian simulation tools (PTV Vissim, SUMO) or mobility / transport data• Ability to build clean, well-documented tools and to work independently in a research team
Age Limit	Preferably below 28 years (relaxable for experienced / exceptional candidates as per institute norms).
Roles & Responsibilities	<ul style="list-style-type: none">• Develop and maintain software tools and scripts for external circulation analysis and multimodal integration planning around the ropeway stations• Process and manage traffic, pedestrian and transit datasets; build data pipelines• Develop dashboards and visualisations for circulation and multimodal scenarios



	<ul style="list-style-type: none">• Support traffic and pedestrian microsimulation workflows and their integration with planning tools• Assist the PI and research team with software / automation, reporting and documentation, and any other technical task assigned by the PI
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Tenure & Conditions of Engagement

- The position is purely temporary and co-terminus with the project; it does not confer any right or claim to regular employment at IIT (BHU).
- The appointment is terminable with one month's notice on either side, and does not confer any right to extension or re-appointment.
- The selected candidate will be expected to join immediately.
- Remuneration is consolidated and taxable as per norms. The position is governed by the terms of the sponsored project and IIT (BHU) norms.

Process of Application

1. Download the prescribed application form (annexed below) / from the IIT (BHU) website.
2. Prepare a single self-attested PDF containing: (i) filled application form; (ii) certificates and marksheet (Class 10 onwards); (iii) experience certificates (if any); (iv) detailed CV / resume; (v) one identity proof (Aadhaar / Passport / Driving Licence / Voter ID / PAN).
3. Email the PDF to agnivesh.civ@iitbhu.ac.in with the subject line "Application for Software Engineer — Ropeway Project (PPRCL)" within **21 days** of the date of this advertisement.

Process of Selection

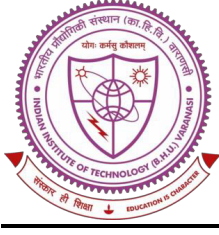
- Candidates found suitable will be called for an interview at IIT (BHU) Varanasi (online or in person).
- The final selection will be based on the candidate's academic record, relevant skills, and interview performance. No TA/DA will be paid for the interview.

General Terms & Conditions

1. Late or incomplete applications will not be considered in any case.
2. Only shortlisted candidates will be informed; no communication regarding shortlisting and/or selection will be entertained.
3. Mere fulfilment of the minimum qualification does not entitle a candidate to be called for interview.
4. The PI reserves the right to fill, not fill, or modify the position without assigning any reason.
5. Canvassing in any form will lead to disqualification.

Contact

For any query regarding this advertisement, the PI (Dr. Agnivesh P) may be reached at agnivesh.civ@iitbhu.ac.in / +91-7737810020.



APPLICATION FORM

(PPRCL Project — Software Engineer — Ref. No. 2026RPMS00001989)

Position Applied For	
1. Full Name (in block letters)	
2. Date of Birth	
3. Sex (Male / Female / Other)	
4. Category (GEN / OBC / SC / ST / EWS)	
5. Differently Abled (Yes / No)	
6. Marital Status	
7. Currently Employed (Yes / No)	
8. Email Address	
9. Name of Father / Mother	
10. Correspondence Address (with phone no.)	

11. Academic Record (Class 10 onwards):

Qualification	Institution / University / Board	Year	CGPA / %
B.Tech / B.E.			
12th or Equivalent			
10th or Equivalent			
Any Other			

12. Work Experience (most recent first; add rows if required) — Total: _____ Years _____ Months

S.No.	Organisation	Designation	Period (From – To)

13. Software / Technical Proficiency (briefly describe programming languages, frameworks, tools, GIS / data / simulation experience relevant to the position):

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14. Declaration

I hereby declare that I have carefully read and understood the instructions, and that all entries in this form and the enclosed documents are true to the best of my knowledge and belief.

Checklist of Enclosures: Certificates & Marksheets (Yes/No) _____ Experience Certificates (Yes/No/NA) _____ Detailed Resume (Yes/No) _____ Identity Proof (Yes/No) _____

Place: _____

Date: _____

Signature: _____