

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

(Department of Humanities and Social Sciences)

Date: 21 September 2026

ADVERTISEMENT TO FILL UP PROJECT POSITION*

Applications are invited from Indian nationals only for the project position as per the details given below for the sponsored research project under the Principal Investigator, Dr. Manish K. Singh, Associate Professor, Department of Humanities and Social Sciences, Indian Institute of Technology, Roorkee.

1. **Title of project:** *Research on public finance, revenue mobilization and economic growth*
2. **Project Number:** BMG-3102-HSD/26-27
3. **Sponsor of the project:** Gates Foundation
4. **Project position(s) and number:** Project Associate- Full-Stack Development & IT Systems (One)
5. **Qualifications:** Bachelor's or Master's degree in Computer Science, Information Technology, Software Engineering, or a related field from a reputed institute in India. Strong hands-on expertise in JavaScript, TypeScript, React.js, Node.js, MERN stack, Python, SQL, and databases, along with practical experience in web application development, APIs, Git/GitHub, cloud deployment, Linux/server management, DNS, SSL, and Cloudflare. Candidates should be comfortable independently developing, deploying, maintaining, and troubleshooting production web applications. Preference will be given to candidates with prior experience in financial data, web scraping/data extraction, quantitative analysis, fintech, or data-intensive applications. Applicants must provide their GitHub profile with links/details of their latest and relevant projects.
6. **Emoluments:** Rs. 25,000/- to Rs. 60,000/- per month, commensurate with the qualifications and experience of the selected candidate.
7. **Duration:** 12 months (extendable upto 12 months)
8. **Expected date of joining:** October 2026.
9. **Job description:** The selected candidate will be responsible for the full-stack development, deployment, and IT management of web-based applications and supporting infrastructure. Responsibilities will include developing frontend and backend systems using the MERN stack and Python, managing SQL/NoSQL databases, building APIs and data-processing tools, deploying and maintaining applications on cloud/Linux servers, managing domains, DNS, SSL and Cloudflare, and using Git/GitHub for version control. The candidate will also support web scraping, financial/quantitative data systems, automation, server administration, troubleshooting, security, and ongoing production maintenance, working independently across the complete software development and deployment lifecycle.
10. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
11. Candidates desiring to appear for the interview should submit their applications, along with an application on plain paper, a detailed CV including a chronological list of degrees/certificates

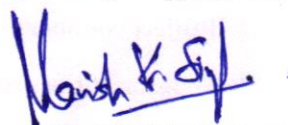
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obtained, details of relevant research, industrial, field or other experience, attested copies of degree/certificate and experience certificates, and their GitHub profile with links/details of relevant projects, to the Principal Investigator through email.

12. Candidates shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
13. Preference will be given to SC/ST and women candidates on equal qualifications and experience.
14. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted by email to the Principal Investigator is **10 October 2026** by **5:00 p.m.**

The interview details will be communicated to the shortlisted candidates after screening of applications.



Dr. Manish K. Singh
Principal Investigator
Associate Professor

Department of Humanities and Social Sciences
Indian Institute of Technology Roorkee
Email: mks@hs.iitr.ac.in

APPROVED



Dean

Sponsored Research & Industrial Consultancy
Indian Institute of Technology Roorkee
Roorkee-247 667 (INDIA)

S.Paul
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*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.