

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
DEPARTMENT OF HYDROLOGY**

Dated: May 15th, 2025

ADVERTISEMENT TO FILL PROJECT POSITIONS

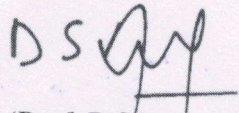
Applications are invited from Indian nationals for project position(s) as per the details given below for the consultancy/research project(s) under the Principal Investigator (Name: Prof. D S Arya, Professor (HAG), Department of Hydrology), Indian Institute of Technology Roorkee.

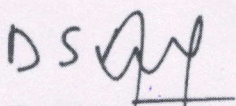
1. Title of project: Preparing a Comprehensive Stormwater Management Plan for Bhubaneswar City, Odisha (HYD-6011/24-25)
2. Sponsor of the project: BMC, Odisha
3. Project positions and Number: Five positions (Annexure I)
4. Qualifications: Annexure I
5. Desirable: Annexure I
6. Duration: One year or till the end of the project (whichever is earlier)
7. Monthly Emoluments: Annexure I
(To be fixed as per the suitability and experience of the candidate)
8. Job Description/ Broad fields of work: Annexure I
9. Candidates before applying for the project positions shall ensure that they are eligible for the position they intend to apply.
10. Candidates desiring to apply for the position should submit their applications with the following documents to the office of the Principal Investigator through email:
 - Application on plain paper with specific mention of the post for which one desires to apply, along with a **detailed** CV including chronological discipline of degree/certificates obtained (**with marks**), with mobile number and email ID.
 - All Experience, including project management, safeguard compliance and handling watershed management and others.
 - Self-attested copies of degree/certificate and experience certificate.
11. Candidate, called for interview, shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
12. Preference will be given to SC/ST candidates on equal qualifications and experience.
13. Preference will be given to candidates who have very rich professional experience and academic records in the relevant field.
14. The shortlisted candidates will be directly notified of the interview date and time in online/ offline mode.
15. No TA/DA is admissible for attending the interview.
16. The successful candidate should be willing to undertake extensive field work in Bhubaneswar city and may be required to be stationed in Bhubaneswar city.
17. The qualifying/desirable criteria may be relaxed in exceptional cases.
18. The last date for application to be submitted to the office of the Principal Investigator is June 10, 2025, by 5 PM.

Tel.: +91 1332 285370

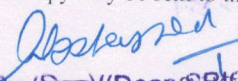
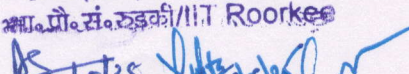
Email: dsarya.iitr@gmail.com

Copy to: Dean, SRIC, IIT Roorkee


(Prof. D S Arya)
Principal Investigator


(Prof. D S Arya)
Principal Investigator

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


डीन (सिक)/Dean SRIC
आ.प्रौ.सं.रूड़की/IIT Roorkee


Project Positions, Qualifications and Fellowships/Emoluments

S.No	Position/ Fellowships/ Emoluments	No. of Post	Minimum Qualifications	Desirable/Experience
1.	Project Consultant* (Rs. 75000/- to 1,50,000/- +HRA)	1	PhD/M. Tech with at least 15 years post-qualification experience in Hydrology/Water Resources with a graduation in Civil Engineering.	Prior and demonstrated extensive experience in floods, urban hydrological problems, with emphasis on urban water management. The preference will be given to the candidate who has used the stormwater management guidelines issued by various agencies.
2.	Project Consultant (Rs. 75000/- to 1,50,000/- +HRA)	1	PhD in social sciences with a minimum of 10 years of post-qualification experience dealing with the socio-economic aspects of watershed management.	Experience in social and environmental safeguards working with state governments and national/ international organisations. Preference will be given to the candidate who has demonstrated experience in organising field work and compiling and analysing socio-economic data.
3.	Project Fellow (Rs.40000/- to 1,00,000/- +HRA)	2	PhD in Hydrology/ Civil Engineering/Water Resources from IITs/IISc with graduation in Civil Engineering. Publication record of at least three peer-reviewed articles in SCI-indexed (Q1/Q2) journals, with contributions in the fields mentioned above.	<u>Position 1:</u> Hydrological Modelling/Climate Change Experience in hydrologic and hydraulic modelling, including rainfall-runoff processes, stochastic hydrology, and urban flooding. <u>Position 2:</u> Urban Heat Island/Urban floods/LULC Modelling Knowledge of urban micro-climate issues, including urban heat island and land use/land cover modelling. <u>For both positions:</u> Preference will be given to the candidates having experience in using software like ArcGIS, ERDAS, and QGIS and hydrological models like SWMM, HEC-HMS, HEC-RAS and MIKE+. Programming in at least one of these: R, Python, and Google Earth Engine (GEE) is also required.
4.	Project Associate (Rs. 25000/- to 60,000/- +HRA)	1	M.A. in Public Administration with LLB	The person must have at least 15 years of experience in land acquisition-cum and legal expertise in dealing with RoR of lands in Odisha and must have worked/assisted in the government infrastructure projects.

Note: * This position is initially available for six months but is extendable for another 6 months or completion of the project (whichever is earlier).

