

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी दिल्ली  
हौज खास, नई दिल्ली -110016  
(औद्योगिक अनुसंधान एवं विकास इकाई)  
INDIAN INSTITUTE OF TECHNOLOGY DELHI  
Hauz Khas, New Delhi-110016  
(Industrial Research & Development Unit)

No. IITD/IRD/RP04661G\_SN/ 235889

Dated: 18/01/2024

Advertisement No.: IITD/IRD/027/2024

Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay subject to periodic performance review, and renewable yearly or upto the duration of the project, whichever is earlier depending upon the performance of the candidate for a period of 6 months to 1 year, the candidate might be offered a Ph.D. position/there is a chance to convert to Ph.D. programme for which the due IIT Delhi norms and the eligibility criteria are to be satisfied. निम्नलिखित परियोजना के तहत भारतीय नागरिकों से आवेदन आमंत्रित किए जाते हैं। अपॉइंटमेंट, अनुबंधित आधार पर समेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा।

Title of the Project	Performance based design of geosynthetic reinforced soil (GRS) walls and bridge abutments for high-speed railway (HSR) subjected to seismic loading (RP04661G_SN)	
Funding Agency	National Technical Textiles Mission, (NTTM), Ministry of Textiles	
Name of the Project Investigator	Prof. Debayan Bhattacharya [email ID: grshsr2326@gmail.com]	
Deptt./Centre	Department of Civil Engineering	
Duration of the Project	Upto: 18/10/2026	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Jr. Research Fellow (01)	Rs.31,000/-p.m. plus HRA @ 24%	Applicants should possess 1st Class M.Tech degree in Civil / Structural / Earthquake Engineering/ Soil Dynamics with a strong background in soil mechanics, geotechnical engineering, and foundation engineering, along with a qualified valid GATE* exam score in Civil Engineering. Experience in experimental work in M.Tech thesis/project, proficiency in basic numerical modelling and coding/exposure to MATLAB/Python/C++/OpenSees, will be preferred. *The requirement of GATE examination for the selection of the post of JRF/SRF may be relaxed for the candidates who have graduated from Centrally Funded Technical Institutes (CFTIs) and institutes with NIRF ranking < 50 with a CGPA of more than 8 in a 10 scale (80% aggregate marks). Age Group: 24 years to 28 years.

The candidates who are interested to apply for the above post should download **Form No. IRD/REC-4** from the IRD Website (<http://ird.iitd.ac.in/rec>) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. **by e-mail with advertisement No. on the subject line to Prof. Debayan Bhattacharya at email id: grshsr2326@gmail.com** Kindly send your resume, along with a 1-page statement of purpose and 2-page project proposal on the above-mentioned topic, for shortlisting for the interview at the above-mentioned email id.

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (<http://ird.iitd.ac.in/shortlisted>) **alongwith the online interview details. Only short-listed candidates will be informed for online interview.** In case any clarification is required on eligibility regarding the above post, the candidate may contact to **Prof Debayan Bhattacharya at email id: grshsr2326@gmail.com** 5% relaxation of marks may be granted to the SC/ST Candidates. In case of selection of a retired/superannuated government employee, his/her salary will be fixed as per prevailing IRD norms. अनुसूचित जाति / अनुसूचित जनजाति के उम्मीदवारों को अंकों की 5% छूट दी जा सकती है. एक सेवानिवृत्त सरकारी कर्मचारी के चयन के मामले में उसका वेतन वर्तमान आईआरडी मानदंडों के अनुसार तय किया जाएगा। **The last date for submitting the completed applications by e-mail is 01/02/2024 by 5.00 p.m.**

सहायक कुल्सचिव, आईआरडी

**वितरण**

- Head of the Deptt./Centres/Units : It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit
- Webmaster, IRD : To put advertisement at IITD website.
- Notice Boards
- Advertisement file
- Prof. Debayan Bhattacharya, PI, Department of Civil Engineering,
- Copy to Chairperson, DRC/CRC