

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/RP04332G/ 11420

Advertisement No.: IITD/IRD/167/2022

Dated: 27/07/2022

Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or up to the duration of the project, whichever is earlier. 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।

About the Project: Positioning of miners & machinery underground using conventional techniques based on ultra-high frequency signals, very-high frequency signals, or the GPS are not effective. This project aims to integrate an acoustic and magnetic-induction system to develop a robust underground positioning system for miners' safety.

Title of the Project	Robust Localization Instrumentation System Based on Acoustic & Magnetic Induction Methods for Miners Safety. (RP04332G)	
Funding Agency	Technology Innovation Hub, IIT (ISM), Dhanbad	
Name of the Project Investigator	Prof. Shahid Malik [email ID: <a href="mailto:smalik@iitd.ac.in">smalik@iitd.ac.in</a> , <a href="mailto:Shahid.Malik@sense.iitd.ac.in">Shahid.Malik@sense.iitd.ac.in</a> ]	
Deptt./Centre	Centre for Sensors, Instrumentation and Cyber Physical Systems Engineering	
Duration of the Project	Upto: 14/06/2024	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Project Scientist (1)	Rs. 35,400-37,900-40,400-43,600-46,800-50,000/- p.m. plus HRA @ 24%	Essential: B. Tech. (ECE, Instrumentation, Electronics and Instrumentation, EE) with qualifying GATE* exam, Desirable: M. Tech. Instrumentation *The requirement of qualifying GATE qualification may be relaxed by the Committee in case of highly meritorious candidates.

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. Shahid Malik at email id: [smalik@iitd.ac.in](mailto:smalik@iitd.ac.in) and [Shahid.Malik@sense.iitd.ac.in](mailto:Shahid.Malik@sense.iitd.ac.in)**

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 Prof. Shahid Malik at email id: [smalik@iitd.ac.in](mailto:smalik@iitd.ac.in) 5% relaxation of marks may be granted to the SC/ST Candidates. **The last date for submitting the completed applications by e-mail is 09/08/2022 by 5.00p.m.**

सहायक कुलसचिव, आईआरडी

**वितरण**

- Head of the Deptt./Centres/Units :
- Webmaster, IRD
- Notice Boards
- Advertisement file
- Prof. Shahid Malik, PI, Centre for Sensors, Instrumentation and Cyber Physical Systems Engineering
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing

It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit  
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