

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/RM00173G_SN/ **523715**

Dated:12/06/2026

Advertisement No.: IITD/IRD/147/2026

Candidates of Indian nationality are invited to appear for the **Walk-in test / interview** for project appointments under the following project. Appointment shall be on contractual basis on consolidated pay renewable yearly or upto the duration of the project, whichever is earlier. निम्नलिखित परियोजना के तहत परियोजना की नियुक्तियों के लिए भारतीय राष्ट्रियता के उम्मीदवारों को वॉक-इन परीक्षा/साक्षात्कार के लिए उपस्थित होने के लिए आमंत्रित किया जाता है। अर्पॉइंटमेंट वार्षिक आधार पर या परियोजना की अवधि तक समेकित वेतन पर संविदात्मक आधार पर जो भी पहले हो, होगा.

Title of the Project	Design and Development of an ML-Driven Air Quality Monitoring System for Real-Time Identification of Super-Emitters. (RM00173G_SN)	
Funding Agency	Anusandhan National Research Foundation, Science and Engineering Research Board	
Name of the Project Investigator	Prof. Seshan Srirangarajan email ID: seshan@ee.iitd.ac.in]	
Deptt./ Centre	Department of Electrical Engineering	
Duration of the Project	Upto: 04/06/2029	
Post (s)	Consolidated Pay-slab / Fellowship	Qualifications
Sr. Project Associate - (01)	Rs.57,000/-p.m plus HRA @27%	Qualifications: Four years Bachelor's Degree in Natural or Agricultural Sciences / Master's Degree in Natural or Agricultural Sciences / BVSc / BPharm or Bachelor's Degree in Engineering or Technology or Medicine from a recognized University or equivalent and Four years experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services OR Master's Degree in Engineering or Technology from a recognized university or equivalent and Two years experience in R&D in industrial and academic institutions or S&T organizations and scientific activities and services OR Doctoral Degree in Science / Engineering / Technology / Pharma / MD / Master of Surgery from a recognized University or equivalent. Essential skills: 1. Experience in embedded systems design and Development.. 2. Proficiency in microcontroller programming (Arduino, STM32, ESP32, Raspberry Pi, etc.). 3. Experience in PCB design, sensor interfacing, and electronic system integration. 4. Programming skills in C/C++, Python, and embedded firmware development. 5. Ability to independently develop, test, and troubleshoot hardware and software systems. 6. Experience in working with optoelectronic Systems. Desirable skills: 1. Experience working with aerosol, air quality or environmental monitoring instruments. 2. Familiarity with sensor calibration, data acquisition systems, and wireless communication. 3. Familiarity with data analysis, visualization, and scientific reporting.
Walk In Test / Date of Interview	Time of walk-in-Interview	Venue
30/06/2026	02:30 P.M.	Room 105, Bharti School, IIT Delhi, Hauz Khas, New Delhi – 110 016

The candidates who fulfill the above qualifications/experience should appear for the interview. Kindly bring your formal application on Form No. IRD/REC-4, which can be downloaded from IRD Website (<http://ird.iitd.ac.in/rec>) through proper channel along with complete information regarding educational qualifications indicating percentage of marks of each examination passed, details of work experience and a recent passport size photograph, along with original certificates (both academic & professional) for verification on the date of interview. No candidate, who is already employed at the Institute / IRD shall be interviewed unless his/her application has been duly forwarded by their concerned establishment/sections. 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। In case any clarification is required on eligibility regarding the above post, the candidate may contact at e-mail id: seshan@ee.iitd.ac.in

कार्यवाहक प्रमुख (आईआरडी स्थापना)

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 To put advertisement at IITD website.
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- Prof. Seshan Srirangarajan, PI, Department of Electrical Engineering
- Copy to Chairperson, DRC/CRC