

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/RP04708G/ 364910

Dated:31/01/2025

Advertisement No.: IITD/IRD/032/2025

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 राष्ट्रीयता के उम्मीदवारों को वॉक-इन परीक्षा/साक्षात्कार के लिए उपस्थित होने के लिए आमंत्रित किया जाता है। अर्पाईटमेंट वार्षिक आधार पर या परियोजना की अवधि तक समेकित वेतन पर संविदात्मक आधार पर जो भी पहले हो, होगा.

Title of the Project	Automated cartridge-based molecular assay for the screening and confirmation of Tuberculosis infection from saliva samples in low-resource settings. (RP04708G)	
Funding Agency	ICMR	
Name of the Project Investigator	Prof. Ravi Krishnan Elangovan email ID: elangovan@dbeb.iitd.ac.in]	
Deptt./Centre	Dept. of Biochemical Engineering & Biotechnology	
Duration of the Project	Upto: 28/02/2027	
Post (s)	Consolidated Pay-slab / Fellowship	Qualifications
Sr. Project Scientist (a) - (01)	Rs.56,000/-p.m. plus HRA @27%	<p>Educational Background: 1st class M.Tech/MSc in Biology or Biomedical related field with 2 years experience.</p> <p>Experience: Demonstrated success in developing molecular assays.</p> <p>Responsibilities: Lead and collaborate within an interdisciplinary team to design, develop, and optimize molecular assays. This role requires a combination of advanced technical expertise and collaborative skills to drive innovation in molecular assay development.</p>
Sr. Project Scientist (b) – 01)	Rs.56,000/-p.m. plus HRA @27%	<p>Educational Background: Master's degree (M.Tech/MSR/MCA) with First Class honors or equivalent in a relevant discipline. Alternatively, a Bachelor's degree (B.Tech/M.Sc/Postgraduate) in Electrical Engineering with a minimum of 3 years of pertinent experience.</p> <p>Technical Proficiency: Strong programming skills in C, C++, JavaScript, and Python. Hands-on experience with development boards such as NVIDIA Jetson, Raspberry Pi, STM, and Arduino. Proficient in interfacing with closed-loop stepper motors and encoder circuits. Familiarity with communication protocols including I2C, SPI, USB, CAN, RS232, and BLE.</p> <p>• Experience working with various sensors, such as flow, proximity, accelerometer, CMOS, and CCD sensors. This role demands a combination of advanced technical expertise and practical experience to develop and implement innovative solutions in electrical engineering and embedded systems.</p>

Jr. Research Fellow (01)	Rs.28,000/-p.m. plus HRA @27%	<p>Qualifications: Educational Background: Bachelor of Science (B.Sc) in Pathology with First Division with *NET/GATE. With 5 years experience in Malaria diagnosis.</p> <p>Experience and Skills: Proficiency in preparing, staining, and examining malaria field slides using microscopy techniques. Ability to count parasites in malaria slides and perform Plasmodium culture work. Competence in collecting blood samples for malaria detection. Experience in detecting homocysteine and zinc levels. Familiarity with molecular biology techniques. This role requires a solid foundation in pathology and hands-on experience with malaria research methodologies. The ideal candidate will be adept at laboratory techniques related to malaria diagnosis and research.</p> <p>*The requirement of NET/GATE examination for the selection to the post of JRF/SRF may be relaxed for the candidates who have graduated from Centrally Funded Technical Institutes (CFTIs) with a CGPA of more than 8.000 (80% aggregate marks).</p>
Walk In Test / Date of Interview	Time of walk-in-Interview	Venue
18/02/2025	<p>For Sr. Project Scientist (a) - 11:00 a.m.</p> <p>For Sr. Project Scientist (b) - 12:00 p.m.</p> <p>For Jr. Research Fellow - 01.00 p.m.</p>	DBEB Committee Room No. 230, Block I, 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: elangovan@dbeb.iitd.ac.in

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31/01/2025

उप कुलसचिव, आईआरडी

वितरण

- Head of the Deptt./Centres/Units :
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- Prof. Ravi Krishnan Elangovan, PI , Dept. of Biochemical Engineering & Biotechnology
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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.