

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/MI01756G/ 361075

Dated:08/10/2021

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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। अपॉइंटमेंट वार्षिक आधार पर या परियोजना की अवधि तक समेकित वेतन पर संविदात्मक आधार पर जो भी पहले हो, होगा.

Title of the Project	Nano-electronics Network for Research and Application (NNetRA) (Applications of Non-Silicon Based Nano-fabrication Technologies and Nano-scale Devices- Sub Project under RP03530) (MI01756G)	
Funding Agency	Department of Science & Technology	
Name of the Project Investigator	Prof. Neeraj Khare [email ID: nkhare@physics.iitd.ernet.in]	
Deptt./Centre	Department of Physics	
Duration of the Project	Upto:23/04/2022	
	Post (s)	Consolidated Pay-slab
	Qualifications	
Research Associate-I (I)	Rs.47,000/-p.m. plus HRA @ 24%	Ph. D. degree in chemistry, with first class degree in postgraduate and expertise in applied inorganic chemical synthesis (especially upconversion materials). At least 15 publications in reputable internationally refereed journals, international conference experience, and at least 2 patent applications (Indian or International). Candidate must have at least 2 years of post-Ph.D. research/work experience, preferably in an interdisciplinary setting. Experience in synthesis of upconversion materials, transition metal oxides, sustainable synthesis, and hands-on familiarity with PXRD (with familiarity with working with crystal structure databases), DLS, Zeta potential, spectrometry (IR and PL), and absorption is essential. Candidate must have a proven track record of working/collaborating with interdisciplinary teams, especially with materials and device engineers, and possess experience in mentoring Ph. D. students.
Research Associate –III (1)	Rs.54,000/-p.m. plus HRA @ 24%	Ph.D. in Physics with First class degree in postgraduate and three years of post Ph.D. experience. At least 6 publications in International Journals in the area of device fabrication and related studies. Candidates must have experience in handling E-beam deposition, sputtering and scanning electron microscopy. Must have a proven track record of working/collaborating with interdisciplinary teams, especially with materials and device engineers, and possess experience in mentoring Ph.D. students.
Walk In Test / Date of Interview	Time of walk-in Interview	Venue
22/10/2021	03.00 p.m.	Room No. 116, Block-VI, Nano-scale Research Facility, IIT Delhi, Hauz Khas, New Delhi-110016

The candidates who fulfil 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 Prof. Neeraj Khare at his email id: nkhare@physics.iitd.ernet.in

सहायक कुलसचिव, आईआरडी

वितरण

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- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing

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