

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/RP04491G/ 196740

Advertisement No.: IITD/IRD/185/2023

Dated:18/09/2023

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.

About the Project: Are you excited of performing cutting edge Quantum-science experiments with equipment that visualized single atomic spin? Then this PhD position may just be right for you. The candidate would be working under Prof. Sujit Manna and a group of faculty members towards Consortium for collective and engineered phenomena in topology concept. The primary task would be in synthesizing topological single crystals and study correlated quantum phases using atomic and spin resolved microscopy/spectroscopy.

Title of the Project	Consortium for collective and engineered phenomena in topology concept (RP04491G)	
Funding Agency	Department OF Science & Technology	
Name of the Project Investigator	Prof. Rajendra Singh, PI, and Prof. Sujit Manna, Co-PI [email ID:smanna@physics.iitd.ac.in]	
Deptt./Centre	Department of Physics	
Duration of the Project	Upto:05/03/2028	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Jr. Research Fellow (1)	Rs.31,000/- p.m. plus HRA @ 24%	The candidate must have either 1st class M.Sc. or M.Tech. with NET/GATE* qualification in Physics/Chemistry or Materials science, He/she should have interest/experience in experimental condensed matter physics. It will be a plus if the candidate has experience in vacuum science and cryogenics. *The requirement of qualifying NET/GATE qualification may be relaxed for the meritorious candidates.
Walk In Test / Date of walk-in Interview	Time of walk-in Interview	Venue
27/09/2023	04.00 p.m.	Room No. MS-502, Department of Physics, Main Building, Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016

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 Prof. Sujit Manna, Co-PI at email id:smanna@physics.iitd.ac.in

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. Rajendra Singh, Department of Physics
- Prof. Sujit Manna, Co-PI, Department of Physics
- Copy to Chairperson, DRC/CRC