

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/RP03178G/ 134555

Dated: 15/07/2019

**Advertisement No.: IITD/IRD/136/2019**

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	Ultra Cold Atoms in Synthetic Gauge Field: Cavity Optomechanics and Enusing Quantum Simulation (RP03178G)	
Funding Agency	Board of Research in Nuclear Sciences (DAE)	
Name of the Project Investigator	Prof. Sankalpa Ghosh	
Deptt./Centre	Department of Physics	
Duration of the Project	Upto:31/03/2021	
Post (s)	Consolidated Fellowship	Qualifications
Sr. Research Fellow (1)	Rs.28.000/- p.m. plus HRA @ 30%	1 <sup>st</sup> class M.Sc. in Physics with minimum two years of research experience as JRF in Theoretical Quantum Condensed Matter (with emphasis on Ultra cold Atomic Condensate) with NET/GATE qualification. Prior knowledge in Ultra Cold Atomic Condensate is highly desirable. The requirement of NET/GATE qualifying 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).
Walk In Test / Date of Interview	Time of Interview	Venue
09/08/2019	04.00 p.m.	Physics Department Library Room, Department of Physics, IIT Delhi, Hauz Khas, New Delhi-110016

The post(s) may be downgraded as per discretion of the Selection Committee if none of the candidate is found suitable for the post.

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. Sankalpa Ghosh at his e-mail id: [sankalpa@physics.iitd.ac.in](mailto:sankalpa@physics.iitd.ac.in)**

(रमा शर्मा)

सहायक कुलसचिव, 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.
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- Prof. Sankalpa Ghosh, PI, Department of Physics
- Copy to Chairperson, DRC/CRC