Applications from Indian nationals are invited for Project Appointment under the following project. Appointment shall be on contractual basis with consolidated pay, renewable yearly or upto the duration of the project, whichever is earlier. The candidate selected shall automatically qualify for Senior Research Fellow (SRF) under the IRD norms.

The candidates who are interested to apply for the above post should download Form No. IRD/REC-4 from the IRD Website (http://ird.iitd.ac.in/rec) of IIT Delhi and submit the duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience etc. by e-mail with advertisement No. on the subject line to Prof. Bodhaditya Santra at his email id: bsantra@physics.iitd.ac.in

IIT Delhi reserves the right to fix higher criteria for short-listing of eligible candidates from those satisfying advertised qualification and requirement of the project post and their name will be displayed on web link (http://ird.iitd.ac.in/shortlisted) alongwith the online interview details. Only short-listed candidates will be informed for online interview. In case any clarification is required on eligibility regarding the above post, the candidate may contact Prof. Bodhaditya Santra at email id: bsantra@physics.iitd.ac.in

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.

The last date for submitting the completed applications by e-mail is 26/07/2022 by 5.00 p.m.

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**Title of the Project**
Developing a novel quantum memory using electromagnetically induced transparency in an ensemble of cold atoms (under Core Research Grant) (RP04263G)

**Funding Agency**
Science and Engineering Research Board (SERB)

**Name of the Project Investigator**
Prof. Bodhaditya Santra
[Email ID: bsantra@physics.iitd.ac.in]

**Deptt./Centre**
Department of Physics

**Duration of the Project**
Upto 22/02/2025

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<th>Post(s)</th>
<th>Consolidated Pay-slab / Fellowship</th>
<th>Qualifications</th>
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| Research Associate (1)     | Rs. 47,000/-p.m. plus HRA @ 24%   | (1) Ph.D. or equivalent degree or having 3 years of R&D experience after MTech/ME/MSc in Optics/Physics/Electronics/Electrical or related disciplines  
(2) Basic understanding of optical system design, analysis, assembly and test particularly for cold atom experiments  
(3) Ability to write characterization test report and documentation with quantitative details  
and interpreted data  
(5) Excellent written and oral communication skill  
(6) Ability to work with a diverse group of people working on quantum technology hardwares.  
Preferred: Hands on experience on Optics, Electronics, Mechanical design, atomic physics. |

The candidates are requested to bring the notice of the staff working in your Deptt./Centre/Unit to put advertisement at IITD website.