

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/RP04665G/262647

Date:02/04/2024

Advertisement No.: IITD/IRD/088/2024

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. निम्नलिखित परियोजना के तहत भारतीय नागरिकों से आवेदन आमंत्रित किए जाते हैं। अपॉइंटमेंट, अनुबंधित आधार पर समेकित वेतन, नवीकरणीय वार्षिक या परियोजना की अवधि तक, जो भी पहले हो, के साथ होगा.

Title of the Project	Synchronized Femtosecond Fiber Lasers around 1560 nm with Controllable RepetitionRate for THz Generation and Detection (JATC) (RP04665G)	
Funding Agency	Directorate of Futuristic Technology Management (DFTM), DRDO, Ministry of Defence	
Name of the Project Investigator	Prof. Amartya Sengupta [email id:amartya@physics.iitd.ac.in]	
Deptt./Centre	Department of Physics	
Duration of the Project	Upto:05/03/2027	
Post (s)	Consolidated Pay-slab	Qualifications
Principal Project Scientist (01)	Rs.75600 – 77870 – 80210 – 82620 – 85100 –87650 – 90280 – 92900 -- 95780 – 98650/- per month plus HRA @ 27%	Ph.D. with first class or equivalent at the preceding degree in Physics/Optics/EE with a minimum of 3 years research/industrial experience after PhD with at least 10 research papers in Science Citation (SCI) Journals having IF > 2.5, of which at least 5 should be as First Author. OR M.Sc./M.Tech. 1 st Class or equivalent with 9 years experience in the above areas, with at least 6 research papers in Science Citation (SCI) Journals having IF > 2.5, of which at least 3 should be as First Author. ESSENTIAL QUALIFICATIONS: (1) Hands-on work in THz spectroscopy and/or Raman spectroscopy and Ultrafast optics and pump-probe experiments; (2) Experience of working with and handling optical fibers and related opto-mechanics; (3) Expertise in optical parameter extraction analysis; and (4) excellent English communication skills. DESIRABLE QUALIFICATIONS: (1) Experience of working with optical & electronic equipment, (2) Knowledge of LABVIEW, MATLAB and PYTHON.

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 following:

- (1) The duly filled form with complete information regarding educational qualifications indicating percentage of marks/division, details of work experience, etc.
- (2) One page Statement of Research Experience justifying their candidature with the required skillset, and
- (3) Names and contact information of two professional/academic references.

The applicants need to ensure that the above referees directly e-mail the letters of recommendation to the undersigned with the Subject Line: Advertisement No. <...> LoR for <Candidate First and Last Name> within the last date of application.

All submission documents should be **UPLOADED** in **ONE** single PDF file in a folder to be named by the candidates as <Candidate First and Last Name> **at the link [CGCRI Applications](#)** The letters of recommendation should be directly submitted by the referees (via email) to: Prof. AmartyaSengupta at his email address: amartya@physics.iitd.ac.in.

E-MAIL APPLICATIONS WILL NOT BE CONSIDERED.

Interviews are planned to be held in April/May 2024 and the position is available immediately.

Contd....

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 to **Prof. Amartya Sengupta at email id:amartya@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. 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। **The last date for submitting the completed applications by email is 16/04/2024 by 5.00 p.m.**

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.
- Notice Boards
- Advertisement file
- Prof. Amartya Sengupta, PI, Department of Physics
- Copy to Chairperson, DRC/CRC