

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/MI03250G_SN/ 64916

Dated:18/09/2025

Advertisement No.: IITD/IRD/242/2025

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	Development of On-Demand Single Photon Emitters, Single Photon Avalanche Detectors, High-Frequency Devices and Nanowire Quantum Devices Utilizing GaAs and InP-Based Epitaxial Semiconductors (Sub-project under RP04951). (MI03250G_SN)	
Funding Agency	Department of Science and Technology (NQM)	
Name of the Project Investigator	Prof.Samaresh Das [email ID: ramis@care.iitd.ac.in]	
Deptt./Centre	Centre for Applied Research in Electronics (CARE)	
Duration of the Project	Upto:31/03/2031	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Jr. Research Fellow (01)	Rs.37,000/- p.m. plus HRA @27%	Graduate Degree in Basic Science with NET Qualifications or Graduate Degree in Professional Course with NET Qualification or Post Graduate Degree in Professional Course. Required for -- TCAD design of single photo avalanche diode. Experience of TCAD design tools like silvaco, Sentaurus TCAD. Good academic background. Excellent knowledge on device physics.

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. Samaresh Das at email id: ramis@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. Samaresh Das** at email id: ramis@care.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 03/10/2025 by 5.00 p.m.**

उप 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 :
- Notice Boards
- Advertisement file
- Prof. Samaresh Das, PI, Centre for Applied Research in Electronics (CARE)
- Copy to Chairperson, DRC/CRC

To put advertisement at IITD website.