

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/RP04940G_SN/425710

Dated:17/07/2025

Advertisement No.: IITD/IRD/168/2025

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	TowArds trusted-node-free Hybrid Quantum sEcurE CommunicAtion neTworks (TAHQEECAT) (RP04940G_SN)	
Funding Agency	Department of Science and Technology (NQM), New Delhi-110016	
Name of the Project Investigator	Prof. Bhaskar Kanseri [email ID: bkanseri@physics.iitd.ac.in]	
Deptt./ Centre	Department of Physics	
Duration of the Project	Upto:31/03/2031	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Research Associate-III (02)	Rs.67,000/-p.m. plus HRA @ 27%	Ph.D. with first class in Physics/Electrical/Optics OR 3 years' experience after MTech. (optics) with SCI publications or equivalent. Experience: Quantum optics experimentation, prototype development, entanglement-based communication, Software defined networks, API development, Desirable: At least 2 years of service commitment expected.
Principal Project Scientist (01)	Rs.75,600-77,870-80,210-82,620-85,100-87,650-90,280-92,990-95,780-98,650-1,01,610/-p.m. plus HRA @ 27%	Ph.D. with first class in Physics/Electrical/Electronics/Optics OR 6 year's technical experience after M.Tech. with SCI publications or equivalent. Experience: FPGA design and system development, Optical system design and prototyping, optical and electronics instrumentation, Experience of technical management of high value projects (important), Desirable: At least 2 years of service commitment expected.
Sr. Project Assistant (Tech.) (03)	Rs.47,790-49,220-50,700-52,220-53,790-55,400-57,060-598,770-60,530-62,350/-p.m. plus HRA @ 27%	B. Tech. with first class in optics, electronics/communication, Fibre-optics, Instrumentation or equivalent, Experience: FPGA programming, or Telecommunication with optical fibre laying and field distribution, or Electronics circuit design, or Software defined networks, or optical design and instrumentation, API development, Post quantum cryptography, Desirable: At least 2 years of service commitment expected.
Project Assistant (Tech) (02)	Rs.39,420-40,600-41,820-43,070-44,360-45,690-47,060-48,470-49,920-51,420/-p.m. plus HRA @ 27%	Diploma (3 years duration) or graduation in first class in Physics/electronics/communication/instrumentation (equivalent) with 2 years relevant technical experience in the relevant field, experience: Electronic circuit design, software defined networks, product prototyping, API development, CAD design, Optical Fiber laying and field distribution, Desirable: At least 2 years of service commitment expected.
Project Attendant (01)	Rs.26,860-27,660-28,500-29,360-30,240-31,150-32,080-33,040-34,030-35,050/-p.m. plus HRA @ 27%	12th class passed with adequate speaking and writing skills. Good experience of Optical/physics lab procedures, field work and office procedures.
Research Associate-i (01)	Rs.58,000/-p.m. plus HRA @ 27%	Ph.D. with first class in Physics/Electrical/Computer Science with experience in simulation of quantum networks, entanglement-based communication, Desirable: At least 2 years of service commitment expected
Jr. Research Fellow (02)	Rs.37,000/-p.m. plus HRA @ 27%	Masters with first class in Physics/ electronics/communication/ instrumentation with NET/ GATE* qualification, experience: Quantum Communication, Optical experimentation. *The requirement of NET/GATE 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).

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. Bhaskar Kanseri at email ID: bkanseri@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. Bhaskar Kanseri at email ID: bkanseri@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 e-mail is 31/07/2025 by 5.00 p.m.

उप कुलसचिव, आईआरडी

वितरण

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| <ul style="list-style-type: none"> Head of the Deptt./Centres/Units : Webmaster, IRD : Notice Boards Advertisement file Prof. Bhaskar Kanseri, PI, Department of Physics Copy to Chairperson, DRC/CRC | <p>It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit</p> <p>To put advertisement at IITD website.</p> |
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Principal Project Scientist (01)	Rs 12,000-17,510-50,710-65,820-82,100-87,100-87,580-90,280-92,680-95,780-98,580-1,01,810-p.m. plus HRA @ 27%	Ph.D. with first class in Physics/Electronics/Instrumentation or equivalent. Experience: F.T.O. design and system development. Optical system design and prototyping. Optical and electronics instrumentation. Experience of technical management at high value projects (important). Desirable: At least 3 years of service commitment expected.
Asst. Project Assistant (Tech) (02)	Rs 47,160-52,520-55,700-57,325-57,780-58,400-59,080-59,810-60,560-61,350-p.m. plus HRA @ 27%	B.Tech. with first class in optics, electrophysics/instrumentation, laser optics, instrumentation or equivalent. Experience: F.T.O. programming or telecommunications with optical fibre testing and lab. distribution or electronics circuit design or software development. network. optical design and instrumentation. API development. Post quantum cryptography. Desirable: At least 2 years of service commitment expected.
Project Assistant (Tech) (03)	Rs 36,450-40,800-41,820-42,070-44,380-45,000-45,080-46,170-46,920-47,420-p.m. plus HRA @ 27%	U.D. (2 years duration) or graduation in first class in Physics/Electronics/Instrumentation (equivalent). With 1 year relevant technical experience in the relevant field. experience: Electronic circuit design, software development, network, prototyping, API development, CAD design, Optical fiber layout and field distribution. Desirable: At least 2 years of service commitment expected.
Project Assistant (01)	Rs 28,800-31,880-32,500-32,580-33,340-34,150-34,080-34,980-35,830-36,750-p.m. plus HRA @ 27%	12th class passed with science speaking and writing skills. Good experience of Optics/Physics lab procedures, field work and office procedures.
Research Associate-I (01)	Rs 38,000-42,000-43,100-43,250-45,000-45,810-46,080-47,420-48,230-49,100-p.m. plus HRA @ 27%	Ph.D. with first class in Physics/Electronics/Computer Science with alignment in area of quantum optics, quantum networks, instrumentation, Desirable: At least 2 years of service commitment expected.
Jr. Research Fellow (02)	Rs 37,100-41,000-42,100-42,250-44,000-44,810-45,080-46,420-47,230-48,100-p.m. plus HRA @ 27%	Master with first class in Physics/Electronics/Instrumentation or equivalent. Experience: F.T.O. design and system development. Optical system design and prototyping. Optical and electronics instrumentation. Experience of technical management at high value projects (important). Desirable: At least 2 years of service commitment expected.

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