

**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/RP04156G/ 106274

Dated: 22/12/2022

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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	Next Generation Wireless Research and Standardization on 5G and Beyond (RP04156G)	
Funding Agency	Ministry of Electronics and Information Technology	
Name of the Project Investigator	Prof. Bresh Lall [email ID: 5g.bhartischool@gmail.com]	
Deptt./ Centre	Department of Electrical Engineering	
Duration of the Project	Upto:29/07/2024	
Post (s)	Consolidated fellowship / Pay-slab	Qualifications
Research Associate-III - (VK)	Rs.54,000/-p.m. plus HRA @ 24%	Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech. with at least one research paper in Science Citation (SCI) Journal. Desirables: Having knowledge of IOT Security
Research Associate-III - (DS)	Rs.54,000/-p.m. plus HRA @ 24%	Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech. with at least one research paper in Science Citation (SCI) Journal. Desirable: (a) Have some familiarity with one or more of the following: Cryptography, 5G authentication, UAV security, 5G HetNet(b) Prior Experience of working with 5G test-bed and 5G standardization.
Project Scientist (1) - (DS)	Rs.35,400-37,900-40,400-43,600-46,800-50,000/- p.m. plus HRA @ 24%	B. Tech. (with GATE* qualification) / M. Tech in relevant field / 1st class or equivalent in the appropriate discipline.. Desirable: (a) M.tech degree in computer science or IT, (b) Prior work experience in 5G test-bed and document standardization(c) Have some familiarity with the following: Machine learning, Hardware Security. *The requirement of qualifying GATE qualification may be relaxed by the Committee in case of highly meritorious candidates
Project Scientist (1) - (AK)	Rs.35,400-37,900-40,400-43,600-46,800-50,000/- p.m. plus HRA @ 24%	B. Tech. / M.Tech (with GATE* qualification) 1st class or equivalent in the appropriate discipline. Must have knowledge of wireless communication networks along with Good knowledge of coding theory, detection and estimation theory, cooperative communications, MIMO, 5G standards and testbed, low latency communications, machine learning/deep learning and Programming proficiency in C/C++/MATLAB and working knowledge of CEWiT's Broadband Wireless Simulator, Working knowledge of OAI simulator. *The requirement of qualifying GATE qualification may be relaxed by the Committee in case of highly meritorious candidates
Jr. Research Fellow (1) - (SM)	Rs.31,000/-p.m. plus HRA @ 24%	Post Graduate Degree in Basic Science with NET* qualification or Graduate Degree in Professional Course with NET* qualification or Post Graduate Degree in Professional Course with NET/GATE* exm with Strong background knowledge in designing mmwave antenna, Experience and knowledge in simulations of printed end-fire antennas and their arrays, Experience in antenna design simulation software e.g. HFSS, CST. *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).

p.t.o.



Jr. Research Fellow (1) - (VK)	Rs.31,000/-p.m. plus HRA @ 24%	Post Graduate Degree in Basic Science with NET qualification or Graduate Degree in Professional Course with NET qualification or Post Graduate Degree in Professional Course Desirables: Knowledge of computer networks and cyber security. *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).
Project Assistant (Tech) (2) - (BL+DS)	Rs.29,200-31,200-33,200-35,800-38,400-41,000/- p.m. plus HRA @ 24%	Diploma (3 years duration)/ Graduate Degree in appropriate discipline with 2 years relevant work experience in relevant field. OR ITI (2 years duration) in relevant field with 8 years relevant work experience

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. Brejesh Lall at email id:5g.bhartischool@gmail.com PLEASE MENTION THE CODE (RA-III-(VK) OR (DS) + PS-(DS) OR (AK) + JRF-(VK) OR (SM) + PA(Tech)-(BL+DS) WHILE SUBMITTING THE APPLICATION.**

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. Brejesh Lall at email id: **5g.bhartischool@gmail.com** 5% relaxation of marks may be granted to the SC/ST Candidates. 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 06/01/2023 by 5.00 p.m.**

सहायक कुल्सचिव, आईआरडी

**वितरण**

- Head of the Deptt./Centres/Units :
- Webmaster, IRD :
- Notice Boards
- Advertisement file
- Prof. Brejesh Lall, PI, Department of Electrical Engineering
- Copy to Chairperson, DRC/CRC

It is requested that the contents of the Above Advt. be brought to the notice of the staff working in your Deptt./Centre/Unit To put advertisement at IITD website.

MP 06/01/2023