

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/88840

Dated: 19/07/2022

Advertisement No.: IITD/IRD/154/2022

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।

Description: Securing 5G and Beyond Cellular Networks: - Due to its potential of facilitating energyefficient real-time communication, the proposed 5G network has attracted huge interest across different domains. One of the critical components of this technology transformation journey is the development of network slicing that promises to address requirements of different systems economically by partitioning and sharing the 5G network infrastructure. The candidate selected for this project position will be involved in investigating vulnerabilities in network slicing protocol which can be exploited by an attacker to jeopardize its security guarantees. He/she will also help in the development of defence mechanisms to mitigate these vulnerabilities and thereby making novel contributions to the standardization efforts for secure 6G networks.

| | | |
|----------------------------------|---|---|
| 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. Brejesh Lall [email ID: 5g.bhartschool@gmail.com] | |
| Deptt./ Centre | Department of Electrical Engineering | |
| Duration of the Project | Upto: 29/07/2024 | |
| Post (s) | Consolidated fellowship / Pay-slab | Qualifications |
| Jr. Reserch Fellow (1) (B-VK) | Rs. 31,000/-p.m. plus HRA @ 24% | B. Tech. (with GATE qualification) / M. Sc. (with NET/SET qualification) / M.C.A. (with GATE qualification) 1st class or equivalent in the appropriate discipline. Desirable: Some knowledge in the domain of cellular communications and networks. Additionally, some basic understanding of cyber security will be appreciated. *The requirement of qualifying 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. Brejesh Lall at email id: 5g.bhartschool@gmail.com

NOTE: Those who have already applied under the same project for same posts need not apply again.

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.bhartschool@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 02/08/2022 by 5.00 p.m.

AP 18.07.22
सहायक कुल्सचिव, 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 To put advertisement at IITD website.
- Webmaster, IRD
- Notice Boards
- Advertisement file
- Prof. Brejesh Lall, PI, Department of Electrical Engineering
- Copy to Chairperson, DRC/CRC
- Dr. Harshita Bhatnagar, RD Coordinator, (R&D) Wing