



CALL FOR RESEARCH STAFF (JRF)

Application Deadline: 25th November 2024

Date: 13th November 2024

About: Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project sponsored by the Department of Telecommunication for a temporary period purely on contractual basis as per the following details:			
Position:	JRF	Number of Vacancy:	01
Project Title:	An Integrated Free Space and Underwater Optical Quantum Communication System	Project Tenure:	03 Year
Funding Agency:	Department of Telecommunication Govt of India	Upper Age Limit	35 years as on 30 th October 2024
Fellowship:	37000 P.M initially for 2 Years and 42000/- per month after two years based on performance		
Principal Investigator:	Prof. Syed Mohammad Zafaruddin, Dept. of EEE		
Project Overview/ Job Description	JRF will develop Quantum encryption algorithms and modelling for quantum simulation, mathematical analysis, and experimental validation for integrated air-to-underwater quantum communications. He/she will also compare the results with existing models and will propose new models based on findings. He/she will also write the research papers in indexed journals, conferences and patents.		
Qualification:	B.E./B.Tech/M.E./M.Tech/MSc. in Communication Engg./ Electronics and Communications Engg /Electrical Engg. /Electronics Engg././Computer Science Engg/Information Theory/Physics/Electronics/Computer Science.		
Registration for PhD.:	Selected candidates may be permitted to register for the PhD program of BITS Pilani subject to fulfilling the requirements of the PhD qualification process as per the institute norms.		

How to Apply:

Applications along with updated CV should be sent through mail to syed.zafaruddin@pilani.bits-pilani.ac.in with subject line as – ‘**Application for JRF- DoT Project**’

Shortlisted candidates will be informed of the interview which will be conducted through online mode. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirements of the project.

Please note that only qualified and suitable candidates will be called for an interview.

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Contact Email: syed.zafaruddin@pilani.bits-pilani.ac.in

