



Date: 31 Oct, 2023

Applications are invited for **ONE** position of **Research Fellow*** on the interdisciplinary project, "**An End-to-End Integrated Air-to-Underwater Quantum Communication System**" under the supervision of **Prof. Syed Mohammad Zafaruddin** (EEE, Pilani Campus), **Prof. Jayendra Nath Bandyopadhyay** (Physics, Pilani Campus), and **Prof. Nikumani Choudhury** (CSIS, Hyderabad Campus).

* The selected candidate is encouraged to join PhD Program of BITS Pilani. Interested candidates check the eligibility criteria and qualification process of the PhD program of BITS Pilani (<http://www.bitsadmission.com/phmain.aspx>).

Scope of work	Essential Qualification	Desirable Qualification
Simulation modelling, mathematical analysis, and experimental validation for integrated air-to-underwater communications.	M.E./M.Tech in Communication Engg./ Electronics and Communications Engg /Electrical Engg. /Electronics Engg./ /Computer Science Engg. Or M.Sc. in Physics/ Electronics/ Computer Science.	Exposure to photonics and/or wireless communications.

Fellowship: ₹37,000 - ₹42,000 per month (based on the year of PhD and performance)

Duration: As per BITS Pilani norms (<http://www.bitsadmission.com/phmain.aspx>)

Place of work: BITS Pilani, Pilani Campus, Rajasthan 333031

Application process: Please apply with CV using this form:

- Email your CV to syed.zafaruddin@pilani.bits-pilani.ac.in
- Submission Deadline: **15th November 2023**

Preliminary shortlisting will be based on resume and telephonic/audio-visual interview within a week of last date of application. For final interview, the candidate will be informed through e-mail/ Phone for interview. No TA/DA will be provided in case of personal interview. For more details, please contact:

Prof. Syed Mohammad Zafaruddin
Department of Electrical and Electronics Engineering (EEE)
BITS Pilani, Pilani Campus, Rajasthan
Email: syed.zafaruddin@pilani.bits-pilani.ac.in