



BITS Pilani

Pilani | Dubai | Goa | Hyderabad | Mumbai
Research & Innovation

Research Fellow (to join as PhD Scholar)

Broad Topic: Quantum Computing and Cryptography

Pilani Campus | Deadline: 31 July 2024

Joining: At the earliest

Date: 25 July, 2024

Applications are invited for **ONE** position of **Research Fellow*** on project, “**Green Quantum Computing: Benchmarking, Performance Analysis, Modeling and Optimization**” under the supervision of Prof. Ashutosh Bhatia and Prof. Sainath Bitragunta

* 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>).

<u>Scope of work</u>	<u>Essential Qualification</u>	<u>Desirable Qualification</u>
Performing state of the art research for developing novel solutions for green quantum computing/ communication and analyzing them to benchmark their performance	M.E/M.Tech in Computer Science/ ECE/EEE or any other equivalent degree with first division. Outstanding B.E/B.Tech students with good academic record will also be considered	Knowledge of quantum computing and Algorithms, Good programming and analytical skills.

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

Application process: Please apply with **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) to ashutosh.bhatia@pilani.bits-pilani.ac.in or sainath.bitragunta@pilani.bits-pilani.ac.in with subject “**CDRF Ph.D. Application**” before **31st July 2024**.

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 for interview. No TA/DA will be provided in case of personal interview. For more details, please contact:

Dr. Ashutosh Bhatia

Department of CSIS, BITS Pilani, Pilani Campus, Rajasthan

Email: ashutosh.bhatia@pilani.bits-pilani.ac.in

sainath.bitragunta@pilani.bits-pilani.ac.in