



**BITS Pilani**

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Research & Innovation

## ONE PhD Scholar Position

**Assessing the uptake of Paraquat (PQ) tagged with pyrazine-based fluorophores for testing their effect in the *Drosophila* model of neurodegeneration**

**BITS Pilani, Pilani Campus**

**Deadline: 16 July 2024**

**Joining: At the earliest**

Date: 1 July, 2024

Applications are invited for **ONE** position of Research Fellow on a project, "Assessing the uptake of Paraquat (PQ) tagged with pyrazine-based fluorophores for testing their effect in the *Drosophila* model of neurodegeneration" under the supervision of Prof. Meghana Tare and Prof. Bharti Khungar.

Deserving 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
Establishing the <i>Drosophila</i> model of PQ-mediated neurodegeneration. Synthesis and characterization of fluorophores and analyzing the fluorescent activity of fluorophores in vivo for different modes of exposure	M.Sc. Biology/Biochemistry or equivalent from a recognized Institute with at least 60% or equivalent scores	Both Biology and Chemistry as subjects at undergraduate level

**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, Pilani

**Application process:** Please apply with **CV and Cover letter** (emphasizing the alignment and justification with the roles/responsibilities/requirements) using this form

<https://forms.gle/2nhw6jbnHBrJGxKr5> (Copy and Paste the link in Browser)

**Deadline:** 16 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:

**Prof. Meghna Tare**

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**Prof. Bharti Khungar**

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