



Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Applications are invited for the joint PhD program at BITS Hyderabad and La Trobe University, Australia.

Application for the position of one Junior Research Fellow (JRF) position for the BITS Hyd and La Trobe University project titled " **Formulation-based strategy to design membrane targeting antimicrobial peptide-based therapeutics for cancer and eye infections**" under the supervision of **Prof. Swati Biswas (BITS-Hyd) and Prof. Adam Mechler (La Trobe University)**.

The candidate will be eligible to apply for the Ph.D. position next semester.

Scope of work	Essential Qualification	Desirable Qualification
Synthesis of Polymers, peptides Characterization of physicochemical Parameter, Determination of anticancer therapeutic effect in the <i>in vitro</i> assay systems, Validation of the <i>in vitro</i> results in the <i>in vivo</i> animal models of <i>tumor-bearing mice model and infectious disease models</i>	Master's Degree in Pharmaceutical Sciences (First-class with GPAT qualification) (Preferably in Pharmaceutics from a recognized University).	GATE/NET/GPAT qualification with prior experience working on a project related to developing nanoformulations, mammalian cell cultures, and <i>in vivo</i> experiments. Strong interest in learning new techniques Proficiency in spoken and written English is highly desirable.

Fellowship: 37,000/- (initially first two years) and Rs 42,000 (afterward till the end of the project) per month for NET/GATE/GPAT qualified candidates.

Benefits Of The Fellowship: For candidates enrolled in a Joint PhD between La Trobe

Place of work: **BITS Pilani, Hyderabad Campus, and La Trobe University.**

Application process: Please apply with a **CV and Cover letter** (showing alignment and justification with the roles/responsibilities/requirements) using the link below.

Google form link:

<https://docs.google.com/forms/d/1tWq4fjITV06az0VOIqj6w9azXVaP6xgyPFEdOishzY4/edit>

Deadline: **10th September, 2024**

Date of interview: **15th September, 2024**

Preliminary shortlisting will be based on a resume or telephonic/audio-visual interview within a week of the last date of application. For the final interview, only the selected candidate will be informed through e-mail for an offline interview.

For more details, please contact:

Prof Swati Biswas.

Department of Pharmacy

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<https://universe.bits-pilani.ac.in/hyderabad/biswas/Profile>



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