



BITS Pilani

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

**ONE Position of Cross-Disciplinary
Research Fellow**

**Development of Targeted
Therapeutics**

**Pilani Campus | Deadline: 28th June
2026 | Joining: At the earliest**

Date: 10th June, 2026

Applications are invited for **ONE** position of Research Fellow on a project, "**Development of Targeted Therapeutics Against Enterobacter cloacae Using T6SS Immunity Protein Inhibition**" under the supervision of Prof. Prabhat Nath Jha (Dept. of Biological Sciences CSIS) and Prof. S. Murugesan (Dept. of Pharmacy).

This position is applicable only to PhD aspirants. The candidates should check the eligibility criteria and qualification process for the PhD program at BITS Pilani (<https://admissions.bits-pilani.ac.in/PhD/phd.html>).

Scope of work	Essential Qualification	Desirable Qualification
This project aims to develop a species-specific therapeutic strategy that exploits E. cloacae's survival mechanism against T6SS-delivered toxic effector molecules. The project includes <i>in-silico</i> screening of small molecules specific to the target protein, antimicrobial assays, generation of gene knockouts employing molecular approaches, and validation of molecular interactions.	M.E./M.Tech./M.Pharm/M.Sc. Tech or an equivalent degree (a minimum of 60% aggregate) in <ul style="list-style-type: none">• Biotechnology• Pharmacy• Microbiology• Life Sciences or related discipline.	<ul style="list-style-type: none">• Research experience through M.Sc./M.Tech/M.Pharm dissertation/thesis• Exposure to molecular biology experiments

Fellowship: ₹37,000 - ₹42,000 per month (As per the institute norms)

Duration: As per BITS Pilani norms (<https://admissions.bits-pilani.ac.in/PhD/phd.html>)

Place of work: BITS Pilani, Pilani Campus,

Benefits: All the benefits as per the institute norms. Hostel or Married scholar accommodation can be provided, subject to availability and in accordance with the institute's rules and regulations.

Application process: Please apply in prescribe format given in next page and send to:

- Email your CV to: prabhatjha@pilani.bits-pilani.ac.in
- Deadline: 28th June, 2026

Preliminary shortlisting will be based on the candidate's qualification and research experience. An online interview will be conducted for the final selection of the candidate within a week of the last date of application. The selected candidate will be informed via email about the interaction. No TA/DA will be provided for a personal interview. For more details, please

contact:

Prof. Prabhat Nath Jha
Project PI
Department of Biological Sciences
BITS Pilani, Pilani Campus
Email: prabhatjha@pilani.bits-pilani.ac.in

Application format for the post of Junior Research Fellow

Name: _____

Father's name: _____

Postal address : _____

Email: _____

Contact No.: _____

Education: (In chronological order starting with 12h standard in the format as given below)

Degree	Year of passing	University/Board	Subjects	Division	% of Marks

National level exam(s) qualified: _____ (NET/GATE/SLET etc.)

Research experiences (if any): _____ (Please provide title, place and brief details of work, if any)

Training;Workshop, if any:

Honors/Awards/Fellowships (Briefly in point-wise manner):

Any other relevant information regarding your candidature (Briefly in a point-wise manner):

Date: _____ **Signature of Candidate**