



BITS Pilani

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Research & Innovation

ONE Project Associate Position

Rational design of antigram-negative peptides

Hyderabad | Deadline: 30/06/2026
Joining: At the earliest

Date: 17 June, 2026

Project Title: Rational design of antigram-negative peptides with low hemotoxicity: Machine learning combined with molecular dynamics simulations and in vitro studies.

Funding Agency: Anusandhan National Research Foundation (ANRF)

Project Investigators:

- BITS Pilani, Hyderabad Campus: Professors Arnab Dutta and Debirupa Mitra
- Indian Institute of Technology, Guwahati: Professors Priyadarshi Satpati and Sunanda Chatterjee

Key Details:

- Duration: 36 months
- Position: 1 (Project Associate-1)
- Place of work: BITS Pilani, Hyderabad Campus
- Fellowship (inclusive of HRA @30%): ₹39,000–₹48,100/month (depending on qualification as per Govt. norms, ref ANRF/OM/N-01/2024)
- Opportunity to register for a PhD at the Department of Chemical Engineering BITS Pilani Hyderabad Campus (subject to eligibility)

Eligibility:

- M.E./M.Tech. or B.E./B.Tech. in Chemical Engineering / Computational Biology / Biotechnology / Bioinformatics / Biochemistry or allied disciplines
- Candidate with M.E./M.Tech. degree will be preferred
- Interest in pursuing a PhD in the area of computational and experimental design of peptides with an application in the healthcare domain

Interested candidates should email their CV to Prof. Arnab Dutta (arnabdutta@hyderabad.bits-pilani.ac.in) and Prof. Debirupa Mitra (debirupa@hyderabad.bits-pilani.ac.in).

Last day to apply: 30 June 2026 (Tentative Online Interview Date: July 06, 2026). Shortlisted candidates will be notified via email at least 2-3 days prior to the interview.

Dr. Arnab Dutta
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Hyderabad Campus

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