CALL FOR RESEARCH SCHOLARS FOR A Cross-Disciplinary Research Framework (CDRF) PROJECT

Applications are invited from qualified individuals for the **Research Scholars (PhD aspirants)** to work on the following project sponsored by the **Cross-Disciplinary Research Framework (CDRF)** under the mentorship/supervision of **Prof. Dr. Nishith Gupta**, Department of **Biological Sciences,** BITS-Pilani, Hyderabad Campus.

Project: **Computational identification of therapeutic targets and AI-based drug repurposing in parasitic protists**

Open Positions**: 1 research scholar**

Duration: **3 Years**

Fellowship amount: **37000 INR/month**

Eligibility requirements: **M.Sc. or M. Tech. in Bioinformatics, Systems Biology, Computational Biology, AI-ML-DL to address biological questions (wet-lab research experience will be a plus)**

Scope of Work: Protein structure modeling, Protein-drug interactions; in silico drug library screening, mutagenesis-based protein evolution, AI-ML-based lead optimization & repurposing, standard bioinformatics and computational biology.

The candidates aspiring to undertake the doctoral/PhD research in an international environment can submit the application, including a cover letter, detailed CV, work experience and publications (*if any*) by **23 January 2026** to the Principal Investigator Prof. Nishith Gupt, as a single PDF *via* email gupta.nishith@hyderabad.bits-pilani.ac.in

Note that only selected individuals will be invited to appear for a virtual and/or physical interview to be held at BITS-Pilani, Hyderabad Campus, in the first week of March 2026. There is no provision for refunding travel costs when appearing for a physical interview.

It is expected that all applicants visit the research group portal (www.ipearl.org) and review the previous research and mutual expectations before drafting and submitting the application. Selected candidates may register for the PhD program at BITS-Pilani, subject to meeting the requirements**.**

Nishith Gupta, Professor
Department of Biological Sciences, BITS-Pilani, Hyderabad Campus
ipearl@hyderabad.bits-pilani.ac.in
www.ipearl.org, https://www.bits-pilani.ac.in/hyderabad/prof-nishith-gupta/

Date and Place: 28.02.2026, Hyderabad

Birla Institute of Technology & Hyderabad Campus, Jawahar Nagar, Kapra Hyderabad 500078, Telangana, India

P Hyderabad a n i

T +91 40 6630 3999
F +91 40 6630 3998
W www.hyderabad.bits-pilani. ac.in

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