



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

Applications are invited from qualified **Research Scholars (PhD aspirants)** to work a sponsored project under the mentorship of **Prof. Dr. Nishith Gupta**, Intracellular Parasite Education and Research Labs (www.iPEARL.org), Department of Biological Sciences, BITS-Pilani, Hyderabad Campus.

Project: Identification of therapeutic targets and AI-based drug repurposing in parasitic protists

Open Positions: 1 research scholar

Duration: 3 Years (1+2 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 can submit the application, including a cover letter, detailed CV, work experience, two recommendation letter, and publications (*if any*) by **March 7, 2026** to Prof. Nishith Gupta, as a **single PDF** (ipearl@hyderabad.bits-pilani.ac.in)

Only selected individuals will be invited to appear for a virtual and/or physical interview to be held at BITS-Pilani, Hyderabad Campus, in March 2026. There is no provision for refunding travel costs for an 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 (PhD, Dr. Habilitation)
Professor and DBT-Wellcome Trust Senior Fellow

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