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Advertisement for the post of Junior Research Fellow (JRF): 1

Applications are invited for the post of **Junior Research Fellow (JRF- 01)** to work on the Department of Biotechnology (GOI) funded research project titled: "**An AI-Driven Platform for Discovering and Validating Anti-Aggregation Compounds for Alzheimer's and Related Neurodegenerative Diseases"** funded by Department of Biotechnology, Govt. of India at Gujarat Biotechnology University (GBU). The post is purely temporary and co-terminates with the project.

Details of qualifications, emolument, and duration of the project:

Junior Research Fellow (JRF) (No. of Positions: 01)

PI	**Dr. Dhaval Patel**
Project title	**An AI-Driven Platform for Discovering and Validating Anti-Aggregation Compounds for Alzheimer's and Related Neurodegenerative Diseases**
Minimum Qualifications:	M. Sc. in any branch of biological sciences from any reputed university with NET / GATE or equivalent national-level exam qualified as per funding agency norms. Candidate with DBT-category – I and II are eligible as per funding agency rules.
Desirable Qualifications:	• Candidate having prior hands-on experience with protein/peptide handling and biophysical techniques such as fluorescence spectroscopy and Circular Dichroism (CD). • Experience in microplate-based assays (96/384-well) and data analysis. • Prior research experience in protein/peptide aggregation (e.g., Tau, α-Synuclein, Aβ), including ThT kinetics. • Familiarity with binding assays such as Fluorescence Polarization (FP), TR-FRET or Biolayer Interferometry (BLI), and with particle sizing (DLS/NTA). • Working knowledge of Python/R for data processing, curation and visualization. • Candidates with experience/skills in AI/ML in biology, molecular dynamics and big-data analytics will be given preference. *Selected candidate(s) will work in collaboration with other collaborating institutes.*
Age Limit:	Up to 28 years on closing date of advertisement or as per the university norms.
Fellowship Duration:	Initially for 1 year, extendable until duration of the project, subject to satisfactory progress, and financial provisions.
Emolument	37000/- + applicable HRA (as per DBT norms)
	Last Date of receiving applications: 04th December 2026

How to Apply: Eligible candidates may apply to the Principal Investigator (**Dr. Dhaval Patel**), Gujarat Biotechnology University, Gandhinagar by filling up online application Form https://forms.gle/PymP6HEnUBbEDnR39 and uploading supporting documents including latest CV and other credentials on or before **04th December 2026.**

For any queries related to this project, you may write to dhaval.patel@gbu.edu.in with the latest credentials. Shortlisted candidates will be informed through email regarding the interview process.

-Sd-
Dr. Dhaval Patel
Principal Investigator & Assistant Professor

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Director