**File No. GBU/ACA/e-file/265/2026/0533/Academic**

## Advertisement for the posts of Senior Research Fellow (SRF): 01 and Project Associate-I: 01

Applications are invited for the posts of **Senior Research Fellow (SRF-01)** and **Project Associate-I (PA-I-01)** to work on the Department of Biotechnology (GOI) funded research project titled: "**Identifying the genetic variants influencing the psychiatric drug responses in Indian population: A pharmacogenomics study based on its structural-functional insight**", at Gujarat Biotechnology University (GBU), Gandhinagar. The posts are purely temporary and co-terminate with the project.

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

**Senior Research Fellow (SRF) (No. of Positions: 01) and Project Associate-I (No. of Positions: 01)**

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| **PI** | **Dr. Dhaval Patel**, Assistant Professor, Gujarat Biotechnology University, Gandhinagar | |
| **Co-PI** | **Dr. Jagat Rathod**, Assistant Professor, Gujarat Biotechnology University, Gandhinagar | |
| **Project title** | **Identifying the genetic variants influencing the psychiatric drug responses in Indian population: A pharmacogenomics study based on its structural-functional insight** | |
| **Funding agency** | Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India | |
| **Particulars** | **Senior Research Fellow (SRF)** | **Project Associate-I** |
| **No. of positions** | 01 (One) | 01 (One) |
| **Minimum (Essential) Qualifications** | Master's Degree in Natural (bioinformatics/computational biology /biotechnology/biochemistry/genetics/human genetics/ microbiology/pharmacology/biostatistics or equivalent degree in life sciences) or Agricultural Sciences/ MVSc or bachelor's degree in engineering or technology or medicine from a recognized University with a minimum of 55% marks or equivalent CGPA **and** qualified in NET / GATE / DBT-BET or an equivalent national-level examination conducted by Central Government agencies.<br><br>**Two years of documented research experience** after the qualifying degree, as JRF or in an equivalent research position in a recognised institution / R&D project,<br><br>*Eligibility and emoluments as per DST OM No. DST/PCPM/Z-06/2022 dated 26.06.2023, read with OM No. SR/S9/Z-08/2018 dated 30.01.2019.* | Master's Degree in Natural (bioinformatics/computational biology /biotechnology/biochemistry/genetics/human genetics/ microbiology/pharmacology/biostatistics or equivalent degree in life sciences) or Agricultural Sciences/ MVSc or bachelor's degree in engineering or technology or medicine from a recognized University with a minimum of 55% marks or equivalent CGPA.<br>Candidates qualified in CSIR-UGC NET (including lectureship)/ GATE / DBT-BET or an equivalent national-level examination conducted by Central Government agencies are eligible for the higher rate of emolument; other eligible candidates will be considered at the lower rate.<br><br>*Eligibility and emoluments as per DST OM No. SR/S9/Z-05/2019 dated 10.07.2020.* |
| **Desirable Qualifications** | • Candidates with at least one research paper in an SCI / Scopus-indexed journal are encouraged to apply.<br>• Hands-on experience in human genome / exome variant analysis — QC, alignment, variant calling and annotation.<br>• Working knowledge of pharmacogenomic resources and star-allele calling.<br>• Experience with population-scale datasets and allele-frequency comparison (Genome India, IndiGenomes, GenomeAsia 100K, 1000 Genomes, gnomAD).<br>• Experience in protein structure modelling, molecular docking and molecular dynamics simulation (AlphaFold, SWISS-MODEL, AutoDock / Glide, GROMACS / AMBER) and in variant-effect prediction.<br>• Proficiency in Python / R / Linux shell scripting and in the statistical analysis of anthropometric, biochemical and haematological data.<br>• Demonstrated ability for independent scientific writing and manuscript preparation. | • Working knowledge of the Linux environment, Python / R, and handling of NGS data formats (FASTQ / BAM / VCF).<br>• Exposure to variant annotation, genotype-phenotype data curation and literature-based curation of pharmacogenomic variants.<br>• Experience in relational database design and web-based portal development towards building the online resources.<br>• Familiarity with structure visualisation and docking tools (PyMOL, UCSF Chimera, AutoDock) and with basic biostatistics.<br>• Good data-management, documentation and laboratory record-keeping skills. |
| **Age Limit** | **Up to 32 years** as on the closing date of this advertisement. Relaxation in the upper age limit is admissible as per Govt. of India norms | **Up to 35 years** as on the closing date of this advertisement. Relaxation in the upper age limit is admissible as per Govt. of India norms |
| **Age relaxation** | | |

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| **Duration** | Initially for 01 year, extendable until the duration of the project (total project duration: 02 years from the date of the first release order), subject to a satisfactory annual performance review and to the financial provisions of the project. The posts are purely temporary and co-terminate with the project. | |
| **Emolument (per month)** | **Rs. 42,000/- + 27% HRA** (or as per funding agency norms). | **Rs. 31,000/- + 27% HRA** for candidates selected through a national-level examination (CSIR-UGC NET including lectureship / GATE / DBT-BET or equivalent) or as per funding agency norms. |
| | **Last Date of receiving applications: _____** | |

**How to Apply:** Eligible candidates may apply to the Principal Investigator (**Dr. Dhaval Patel**), Gujarat Biotechnology University, Gandhinagar, by filling up the online application form https://forms.gle/cGghLYtkC2BKbQHV8 and uploading supporting documents including the latest CV, proof of date of birth, mark sheets / degree certificates, NET / GATE / DBT-BET score card and experience certificates, on or before **4th December, 2026** Candidates applying for both posts should clearly indicate the post(s) applied for.

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

**-Sd-**
**Director**

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