



GUJARAT BIOTECHNOLOGY UNIVERSITY

Nr. Gujarat International Finance Tec (GIFT)-City,
Gandhinagar - 382 355, Gujarat, INDIA.

File No.: GBU/ACA/e-file/265/2025/0029/Academic

June 27, 2025

Advertisement for the post of Junior Research Fellow

Gujarat Biotechnology University (GBU), established by the Department of Science & Technology (DST), Govt. of Gujarat and located in the GIFT city, Gandhinagar is India's first and only Biotechnology University with a strong focus on innovation and translational research (Visit: www.gbu.edu.in).

GBU invites applications for following posts in extramural project entitled 'Establishing environmental surveillance of emerging pathogens and pollutants from Gujarat using multi-omics approaches' purely on temporary basis and is co-terminus with the project duration.

Name of the post	Junior Research Fellow (JRF)
Number of posts	1
Project Title	Establishing environmental surveillance of emerging pathogens and pollutants from Gujarat using multi-omics approaches
Project Focus	The proposed study will pursue environmental epidemiological surveillance for monitoring emerging contaminants (pathogens and pollutants) and determining their threats. Additionally, molecular detection methods for selected few pathogens will be developed.
Project Funded by	Gujarat State Biotechnology Mission (GSBTM), Department of Science and Technology (DST), Government of Gujarat.
Project Duration	Till March 9, 2026
Qualification and Experience	Eligibility: M.Sc./M.Tech in Biotechnology/ Microbiology/ Biochemistry/ Bioinformatics or any other relevant life science discipline with minimum 55% marks or equivalent CGPA obtained. Those who have just completed M.Sc. and are awaiting final semester results can also apply. Desirable Qualification and Experience: <ul style="list-style-type: none">▪ Candidates who have qualified the CSIR-UGC-NET/ DBT-JRF/ ICMR-JRF/ GATE/ OTHER national level exams.▪ Candidates having experience in bioinformatics are encouraged to apply.▪ Candidates having experience in NGS and data analysis are encouraged to apply.▪ Candidates having experience and interests in molecular biology techniques/ metagenomics/ metabolomics are encouraged to apply.▪ Candidates must have proficiency in scientific writing.



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Job requirement	<ul style="list-style-type: none">▪ Candidates will have to perform NGS data analysis and multi-omics analysis.▪ Candidates will have to perform all molecular biology and associated techniques for multi-omics approaches (Metagenomics, Metabolomics and others)▪ Candidates will be involved in molecular detection method development of emerging contaminants
Fellowship	Rs. 36,000/- per month inclusive of HRA for NET/ GATE/ national-level exam qualified candidates as per GSBTM, DST, GoG guidelines. or Rs. 23,213/- per month inclusive of HRA for candidates who have not qualified the NET/ GATE/ national-level examinations as per GSBTM, DST, GoG guidelines.
Project Principal Investigator	Dr. Varun Shah
Last date of Application	07/07/2025 (5:00 pm)
Upper Age Limit	31 Years (On last date of application)

Instructions for Application:

Please be ready with following documents before filling up application on google form:

(i) CV [Should not be of more than two pages and should include research/work experience, educational qualifications (from S.S.C onwards), publications and awards. Also provide name, address, email id and contact number of two referees, who are familiar with your recent academic activities/progress (PDF Format; File should be named as Name_CV).].

(ii) Degree certificate of last qualification (File should be named as Name_1).

(iii) One page write-up in your own words on 'Opportunities for bioinformatic analysis of wastewater epidemiological surveillance data' (PDF Format; File should be named as Name_2).

(iv) National Level Exam certificate (Optional; File should be named as Name_3).

(v) Please fill up the google form. Link: <https://forms.gle/DyKEy1ydhBQ9w6uQ9>

Candidates shortlisted for in-person/online interview will be informed through email.

Sd-
Dr. Varun Shah
Principal Investigator
Gujarat Biotechnology University

Sd-
Dr. Arun Bandyopadhyay
Director
Gujarat Biotechnology University