

File No. GBU/HR/2023/GAP-14.2/197-B/266

Date: August 31, 2023

**Advertisement for the post of Junior Research Fellow**

Applications are invited for the post of Junior Research Fellow (JRF) to work on research project entitled “Wastewater to biofuel and bioproducts: Cyanobacterial biorefinery through a green circular bio-economy” funded by Gujarat State Biotechnology Mission, Govt. of Gujarat 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:

Name of the Position	Junior Research Fellow (JRF) (No. of Positions: 01)
Eligibility	<b>Minimum Qualifications:</b> M.Sc. (Biotechnology/Microbiology/Biochemistry or relevant life science discipline) with minimum of 55% marks. <b>Desirable Qualification:</b> <ul style="list-style-type: none"><li>• Candidates who have qualified the CSIR-UGC-NET/DBT-JRF/ICMR-JRF/GATE etc. national-level exams will be preferred.</li><li>• Candidates having prior experience of handling cyanobacteria/microalgae cultivation and characterization, microbial consortia development, cyanobacterial lipid extraction and protein purification, wastewater treatment, metagenomics, molecular biology techniques and detection of emerging contaminants in water through LC-MS/GC-MS are encouraged to apply.</li><li>• Candidates must have proficiency in scientific writing.</li></ul>
Age Limit	Up to 30 years on closing date of advertisement
Fellowship Duration	Till the end of the project: 2 years (subject to satisfactory performance)
Fellowship	Rs. 36, 000 per month inclusive of HRA (NET/GATE or national-level exam qualified candidates) as per GSBTM, DST, GoG guidelines. OR Rs. 23, 213 (fixed) per month (For candidates who have not qualified the national-level examinations such as NET/GATE) as per GSBTM, DST, GoG guidelines.
Last Date of receiving applications	<b>18/09/2023</b>

**How to Apply:** Eligible candidates may apply to the Principal Investigator (Dr. Chirayu Desai), Gujarat Biotechnology University, Gandhinagar through online application at (<https://io.gbu.edu.in/biofuel>) with latest CV and other credentials on or before **18<sup>th</sup> September 2023**. For any queries related to this project you may write to [ebt-projects@gbu.edu.in](mailto:ebt-projects@gbu.edu.in).

Shortlisted candidates will be informed through email regarding the interview process.

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**Dr. Chirayu Desai**

Principal Investigator & Associate Professor,  
Environmental Biotechnology

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**Registrar**