

**Department of
Biotechnology**
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Advertisement for Project Positions

Applications are invited for **one Junior Research Fellowship position** from highly motivated eligible candidates to work in a Defence Research and Development organization (DRDO), Govt. of India, funded project entitled “**Correlation analysis of dependent variables on biodigester performance**” under Dr. Jyotirmoy Bhattacharya, Principal Investigator, Department of Biotechnology, Mizoram University. Appointments will be on purely temporary basis and will be made initially for a period of one year, which may be extended further upon satisfactory performance. The positions are co-terminus with the project or until further orders, whichever is earlier. Maximum duration of project is three (03) years.

About the project:

Anaerobic digestion is a powerful microbe-based technology for organic waste degradation. The project aims to understand the role of various physico-chemical and biological factors that can affect the stability and robustness of DRDO-developed biodigesters’ performance while degrading composite waste. The candidates interested to work in this project are expected to be well-versed in handling microbes, enzyme assays, biodigester design, measurement of waste analysis parameters (COD, BOD etc.) and/or technical experience in metagenomics/metaproteomics and bioinformatics studies.

Essential qualification for Junior Research Fellow: M.Sc./M.Tech with a minimum of 55 % marks or equivalent CGPA in Microbiology/Biotechnology/Biochemistry/Environmental science or any other relevant disciplines with NET/GATE qualification are encouraged to apply.

Desirable: Energetic persons with good analytical skills and capable of working independently and as part of a team in the field as well as in the laboratory are encouraged to apply. Field duty involves monitoring of biodigesters’ performance, data collection, recording and analysis.

Fellowship: Rs. 25, 000/- (Rupees twenty five thousand) per month for first and second year and Rs. 28,000/- (Rupees twenty eight thousand) for third year. In addition, 8% HRA will be admissible as per Govt. of India rules, if accommodation is not provided by the University.

Age limit: The upper age of the candidates is 28 years at the time of application. The upper age limit may be relaxed as per Government of India rules.

Note: Highly motivated and interested candidates willing to work in the field and laboratory, may send their application as per Annexure-I (attached). Dissertation thesis (M.Sc./M.TECH) or any other industrial work experience must be sent as a PDF file to the Project Investigator in his e-mail. Last date of submission of application form along with the required documents is 01st April, 2021. Shortlisted candidates will be intimated for personal interview for final selection. Mode of personal interview will be intimated to the shortlisted candidates only. Mark sheets and other relevant documents will be verified only for the selected candidates during joining.

For further details, please contact:

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Annexure-I

APPLICATION FORM FOR THE RESEARCH POSITION (JRF/SRF/RA/Lab Assistant)

1. Name of the applicant: _____

Present Postal Address (*Pin Code, Phone, Fax & e-mail*)

2. Father's / Husband's Name:

3. Mother's Name:

4. Permanent Residential Address (*Pin Code, Phone, Fax & e-mail*)

5. Nearest Railway Station for under taking the Journey

6. (i) Date of birth _____

(ii) Age in years (On the date of application) _____

(ii) Sex: Male / Female (strike off whichever is not applicable)

(iii) Nationality:

7. If belonging to Scheduled Castes/Scheduled Tribes / OBC, state name of the Caste/Tribe _____.

If OBC, state Creamy layer/ Non-creamy layer

(A photo copy of the original caste certificate issued by competent authorities may be attached.)

Examination Passed	Board/University	Year	Subjects	% of Marks/ Grade & Division	Rank (if any)

(b) Whether qualified NET/GATE (details should be provided):

(c) Awards/ Honors Received

(d) Participation in Seminar / Conferences/Workshop

(e) Research Publications (Enclose reprints)

9. Have you had any scholarship/fellowship before applying for this award? (If so, please give details of the scholarship/fellowship)

10. Name and address of three referees not related to the candidate who is aware of the candidate's credentials

1.

2.

3.

Place:

Date:

(Signature of the Applicant)

For Office Use Only

Application for SERIAL No.:

Category:

Date of Receipt of application:

Signature