

# Applications are invited for the post of JRF/Project Assistant

Department of chemistry & Biochemistry

Thapar Institute of Engineering and Technology, Patiala, Punjab, India

Title of the Project:	Upgradation of biomass-derived building blocks to high-value chemicals by the integration of biocatalysis and electrosynthesis
Funded by	DBT
Tenure of The Project	Three (03) years (The position is available immediately and initially offered for two-year term, subject to renewal for one more years based on performance and available funds).
Number of Post	<b>Two</b>
Name of the Post with Salary	Rs. 37,000/- pm Plus HRA (9%) (JRF-For first two year) Rs. 42,000/- pm Plus HRA (9%) (SRF – for last one year)
Essential Qualification	<b>Required Qualification for first JRF:</b> <ul style="list-style-type: none"><li>• M.Sc. (Chemistry) or M-pharm with minimum 60% marks or equivalent grade.</li><li>• The candidate having hands on experience; Dissertation/short term project/ internship/training in the area of Organic Chemistry/Computational chemistry will be preferred.</li></ul> <b>Required Qualification for second JRF:</b> <ul style="list-style-type: none"><li>• Masters in Biotechnology or any allied subject in Life Sciences with minimum of 60% marks or equivalent grade.</li><li>• The candidate having hands on experience on basic molecular biology techniques including aseptic techniques –bacteria and yeast culture, PCR and mutagenesis, DNA transformation in bacteria and yeasts. Computational docking and protein with or without ligand molecular dynamics simulation will have added advantage. Good oral/written communication skills in English</li></ul> <i>The candidate having Lectureship (NET/GATE/GPAT) or other equivalent exam qualified will get preference.</i>
Upper Age Limit	According to DBT norms
How to apply	Interested candidates should submit their detailed curriculum vitae (CV) by email to Dr. Vikas Tyagi at <a href="mailto:vikas.tyagi@thapar.edu">vikas.tyagi@thapar.edu</a> . Or Dr. Debasish Mandal at <a href="mailto:debasish.mandal@thapar.edu">debasish.mandal@thapar.edu</a> and Dr. Debajyoti Dutta at <a href="mailto:debajyoti.dutta@thapar.edu">debajyoti.dutta@thapar.edu</a> . The last date of application is 15 <sup>th</sup> of May 2025.

## Other relevant information:

- Candidates will be short listed for the interview based on merit and experience of the available candidates.
- Decision of selection committee will be final. The date and time of interview will be informed by email only.
- Shortlisted candidates must bring original certificates pertaining to qualification and experience along with their copies etc. on the day of interview.
- No TA/DA will be given to the candidates called for the interview.
- Appointment will be contractual in nature and as per TIET, Patiala and DBT terms and condition.
- For any further information/clarifications, the applicants may contact directly by email.