

Vacancy in ICMR Sponsored Project

THAPAR INSTITUTE OF ENGINEERING & TECHNOLOGY Department of Biotechnology

Title of Project	Development and validation of an open-source 'plug and play' AI tool for oral microbiome and metabolome-based individual and inter-population long-term risk prediction of MASLD-associated diabetes
Name of post	Project Research Scientist-I (non-medical)
No. of post	1 (one)
Fellowship	As per ICMR norms
Essential Qualification	First Class Post-Graduate Degree, including the integrated PG degrees in Biotechnology or any allied subject in Life Sciences with minimum of 60% marks or 7.0 CGPA. Applicants having a valid GATE/NET score will be preferred.
Desirable qualifications	Hands-on knowledge of anaerobic culturing of gut microbes, anaerobic fecal slurry model, metagenomic and metabolomic data analysis, HepG2 and Caco2 cell culture, cloud-based big-data analysis, publication in relevant field.
Duration of the Project	The fellowship will be offered initially for a period of one year, which can be extended further one more year depending on the availability of fund and performance of the candidate

General Guidelines

1. Interested candidates should submit their detailed curriculum vitae with self-attested photocopies of all mark sheets, certificates, testimonials as a single pdf. All applications should send the filled-in summary sheet along with their application. Email all documents to **priyankar.dey@thapar.edu** indicating research interests with names of two referees positively.
2. Last date to submit the application along with details is March 19, 2025
3. Only short-listed candidates will be called for interview either through Zoom or in-person.
4. No TA/DA will be paid for attending the in-person interview
5. Candidates will be short listed for the interview based on merit and matching experience only. Decision of selection committee will be final. The date and time of interview will be informed by email only to eligible candidates.
6. Mere possession of minimum qualification does not guarantee an invitation to the interview.
7. Failing to apply according to the instructions may lead to the cancellation of the application.

Dr. Priyankar Dey

Principal Investigator

Department of Biotechnology

Thapar Institute of Engineering & Technology

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SUMMARY SHEET

1. Name of candidate:

2. Age and Date of Birth:

3. Current address:

4. Permanent address:

5. Email:

6. Mobile No:

7. Academic qualifications:

Degree	College/University/Institution	Subject	Year of completion	Marks (% or CGPA)
Bachelor's degree				
Master's degree				

8. GATE/NET passed: Yes/No Year: Obtained marks: Qualifying marks:

9. Research experience:

10. 200-word statement on how your experience match the required Desirable Qualifications for the project?

11. Any other relevant information:

Signature & Date