



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR
नंगल रोड , रूपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-140001

Advertisement for Post Doctoral position

Applications are invited from suitable candidates for the position of **Post-Doctoral Fellow** to work on the ICMR project entitled "**Decoding Visceral Adipose Tissue Microbiome-Host Metabolic Cross-Talk in Obesity-Associated Type 2 Diabetes Through Genome-Scale Metabolic Modeling**" under the supervision of the PI of the project at IIT Ropar. The detailed information is given below:

Description	Details
Principal Investigator (PI)	Dr. Durba Pal
Name of Position	Post-Doctoral Fellow
No. of Position	One
Essential Qualification	Ph.D. degree holders or having Thesis submission certificate in Computational biology are eligible to apply.
Nature of work	The candidate will be involved in the molecular and computational investigation of visceral adipose tissue microbiome–host metabolic interactions in obesity-associated Type 2 diabetes. The work will include adipose tissue/microbiome characterization, metagenomic and metabolomic data analysis, integration of multi-omics datasets, reconstruction and analysis of host and microbial genome-scale metabolic models, and computational approaches including Flux Balance Analysis (FBA), Flux Variability Analysis (FVA), metabolic pathway analysis and in-silico perturbation studies. The candidate will also contribute to data interpretation, statistical/bioinformatic analysis, experimental validation, scientific reporting, presentations and manuscript preparation.
Tenure of Post / Nature of Appointment	Project duration is 4 years. Initial appointment is 1 year (with extension after one year). The post is purely temporary and co-terminus with the project.
Age Limit	35 years (Relaxation as per Gol norms is applicable).
Fellowship per month	Rs. 60,000 + HRA (as per the institute rules)
Last date to apply	15 th September, 2026
How to apply	An application form is provided in the following advertisement. To apply, please email the following documents to the undersigned: 1. A completely filled-out application form (provided on the following page). 2. A detailed CV, including prior research experience. 3. Copies of all degree certificates. Please combine all documents into a single PDF or Word file and mention "Application for Postdoctoral Position – [Your Name]" in the subject line of your email. Please send your application to durba.pal@iitrpr.ac.in .
Note:	• Only shortlisted candidates will be communicated through Email tentatively by 22th September, 2026 to appear for an online interview. The date of the online interview will be notified. • The position is available immediately, so the selected candidate is expected to join immediately. • Those who are already working under various research schemes and desire to be considered for the post should send their applications through proper channel to the undersigned with NOC certificate from the employer that he/she will be relieved immediately, if selected.

Dr. Durba Pal (PI)
Associate Professor,
Department of Biomedical Engineering,
Indian Institute of Technology Ropar

Application Form – Project Research Scientist I (Non Medical)

Application No.: _____ (For office use only)	Passport-size Photograph
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1. Personal Details

Full Name		Marital Status	
Father's Name		Mobile Number	
Date of Birth (DD/MM/YYYY)		Gender	
Nationality			
Email Address			
Category (Gen/OBC/SC/ST/EWS)			
Present Address			
Permanent Address (if different)			

2. Educational Qualifications

Degree / Examination	Year of Passing	Board / University / Institute	Subjects / Discipline	% Marks / CGPA	Class / Grade
10th or equivalent					
12th or equivalent / Diploma					
B.Tech / B.E. / B.Sc.					
M.Tech / M.E. / M.Sc.					
Ph.D.					

Title of Ph.D. Thesis with Supervisor/co-Supervisor details:

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3. Professional Experience (in Chronological Order)

S.No.	Name of the Organization	Designation	Nature of Work	From (MM/YYYY)	To (MM/YYYY)
1					
2					
3					
4					
5					

4. Number of Research Publications (Articles, book chapters, patents in different sections)

No. of SCI Publications		No. of Non-SCI Publications	
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5. Time Required to Join this Position

Time Required to Join	
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6. Any Other Relevant Information

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the institute. I note that the decision of the institute is final in regard to selection for admission and assignment to a particular department and field of study. The institute will have the right to expel me from the institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the institute is not desirable. I agree that I shall abide by the decision of the institute, which will be final.

Date: _____

Place: _____

Signature of Applicant:

Enclosures: Self-attested copies of the following documents

1. Proof of Date of Birth
2. Marks Sheets & Certificates of all Educational Qualifications
3. GATE / NET / IIT JAM Score Card
4. Experience Certificate(s), if any
5. Category Certificate, if applicable
6. List of Publications
7. Recommendation letter (at least one)