राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सुरत्कल, मंगलूरु – 575 025
National Institute of Technology Karnataka, Surathkal, Mangalore- 575 025

Advt. No.: MACS/2026/1233/dt 10/11/2026 Date: 17 / 11 / 2026

ADVERTISEMENT FOR THE POST OF PROJECT RESEARCH SCIENTIST I (NON-MEDICAL)

Applications are invited from the interested Indian National candidates for the project manpower selection. The details are as follows:

Project Title	DISCOVER-EPTB: A Federated Multi-Modal Deep Learning Framework for Automated Detection, Segmentation and Characterization of Spinal Tuberculosis from Multi-Centric Data	
Funding Agency	ICMR	
Principal Investigator (PI)	Dr. Jerry Wattre Sangma, Assistant Professor, Department of Mathematical and Computational Sciences (MACS), NITK Surathkal, Email ID: jerry.sangma@nitk.edu.in, Mob.: +91-7005129008	
Project Duration	24 months	
Position and Tenure	Position: Project Research Scientist I (Non-Medical)	Tenure: 24 months
Department/Centre	Department of Mathematical and Computational Sciences (MACS)	
Salary (per Month)	Rs. 56,000/- per month + HRA as admissible (20%), i.e. Rs. 67,200/- per month	
Essential Qualification	**Essential qualification**: Any one of the following, from a recognized Board/University: • Post Graduate Degree (including integrated PG degrees) in Computer Science / Information Technology / Electronics and Communication / Artificial Intelligence / Machine Learning / Data Science / Biomedical Engineering / Medical Imaging or a closely related discipline; or • For Engineering / IT / CS: Four-year Graduate Degree (B.E./B.Tech.) in the above disciplines. **Desirable qualifications:** Hands-on experience in deep learning and medical image analysis (MRI/CT), 3D segmentation, PyTorch or TensorFlow, Python programming. A publication record in these areas and qualified NET/GATE will be given preference.	
GATE/UGC-NET	GATE/UGC-Net is desirable but not mandatory.	
Age Limit	35 years, with relaxation as per ICMR guidelines / Government of India norms.	
Experience	Prior experience in project related areas are desirable.	
Skill preference	Experience in python and/or deep learning frameworks are desirable.	
Application Process	▪ Interested candidates must apply with the following documents: (1) Filled Application Form, (2) Scanned copies of educational certificates and mark sheets, class 10th onwards (3) GATE/UGC-NET score card (if applicable) and (4) Scanned copies of Proof for research experience, special achievements and publications, if any (5) Valid ID proof. ▪ **The soft copies of all the above documents in single pdf format must be emailed to jerry.sangma@nitk.edu.in on or before 2nd December 2026.** ▪ **The shortlisted candidates with the date of written test/interview will be intimated by email only.** ▪ For any correspondence, contact PI through email. ▪ Candidates who are already employed should produce relieving certificate from their employers, if selected. ▪ No TA/DA will be paid for attending the written test/interview. The appointment will be on a purely temporary basis co-terminus with the project. Selection will be based on qualification, experience, and interview/test. NITK Surathkal reserves the right to reject any or all the application/s without assigning any reasons thereof.	

APPLICATION FORM FOR THE POST OF ……

Name			(Affix a passport sized photo)
Address for Correspondence			
Email ID			
Mobile			
Date of Birth		Gender: Male/Female/Other	
Marital Status	Married/Single	Category: SC/ST/OBC/PWD/Open	
Educational Qualifications			

Degree	Specialization	College and University	Marks/ CGPA	Class / Division	Year of passing
10th					
12th					
B.Tech /M.Sc/ Other UG degree					
M.E/M.Tech/ Other PG degree					
If any other Degree (Specify)					

GATE / UGC-Net	Qualified (Yes/No), if Yes, Score: Specialization:	Rank: Year:
Age	……. years	

Work experience / Achievements (if any)

S.No.	Duration	Organization	Designation	Nature of work

Publication details (if any)

Declarations: All the above information furnished in this application form by me is true to the best of my knowledge and belief. Further, I also state that I do not have blood relationship or close family relationship with the Project Investigator. I understand that if found to be incorrect at any stage, my candidature may be cancelled without prior notice. If selected, I promise to abide by the rules and regulations of the Institute.

Place:
Date: Signature of the candidate

Note: If any information is required, extra A4 sheet may be attached.