

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Advertisement for the post of Project Research Scientist I-
(Non Medical)**

Applications are invited from Indian nationals for the position for Project Research Scientist I- (Non Medical) in a ICMR funded research project with following details:

Name of the project	Development of a robust Machine Learning tool to support quick Malaria detection and parasite stage identification for reducing Malaria burden
Principal Investigator (PI) Along with e-mail id	Dr Akriti Nigam akriti@bitmesra.ac.in
Details of Co-P.I.	Dr Manish Pandey Assistant Professor, CQEDS, BIT Mesra
Duration of the project	36 months
Number of Positions	1
Essential qualifications:	1. Post Graduate Degree (MTech/MCA/MS) in CS/IT, including the integrated PG degrees 2. Four Years Graduate Degree in CS/IT
Desirable	The candidate should have expertise in image processing and computer vision, proficiency in machine learning and deep learning models for medical image analysis, and experience in creating and managing image repositories/databases. Hands-on experience in deploying AI models into web-based applications or APIs is highly desirable. The candidate should be capable of preparing technical reports, manuscripts, and research documentation, contributing to scientific publications, and handling real-world medical datasets. Familiarity with medical imaging formats and regulatory aspects of AI in healthcare will be an advantage. The role may require field visits as per project requirements, and prior experience in managing multicentric projects will be an added advantage.
Designation	Project Research Scientist I- (Non Medical)
Fellowship	56000 + 20% HRA/Month with 5% increase in 3 rd year
Interview Date	10-03-2025 ✓

- **How to apply:** Interested candidates are requested to send their CV to P.I. e-mail id with a copy to dr.aac@bitmesra.ac.in before **06-03-2025**. CV must include the mail ID and working phone number.
- The candidates would be shortlisted for **online interview** based upon their academic and professional background and will be intimated through email stating the date and time for interview.
- **Terms and Conditions:**
 - i) The decision of the selection committee will be final.
 - ii) The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
 - iii) The post is purely temporary in nature and subjected to availability of funds.
 - iv) No TA/DA will be paid for attending the interview.


Registrar

Registrar
Birla Institute of Technology
Mesra, Ranchi