



**Mehta family school of Biosciences and Biomedical Engineering
Indian Institute of Technology Indore**

Advertisement for Project Research Scientist-I

Applications are invited from motivated and eligible candidates for **one Project Research Scientist-I** in the research project supported by ICMR-FIW. The details of the project are given below:

Name of Post	Project Research Scientist-I
No. of post	One (01)
Title of The Project	Design and Development of a Helmet-Shaped X-ray Device for 3D Radiographic Screening of Teeth and Jaw Using an Artificial Neural Network
Co-Principal Investigators	Dr. Lokesh Basavarajappa Assistant Professor, MFS-BSBE, Indian Institute of Technology Indore Dr. Puneet Gupta Associate Professor, CSE, Indian Institute of Technology Indore
Tenure of Project	Appointment for 1 year.
Job Description	The selected Project Research Scientist-I will contribute to the development of a 3D reconstruction algorithm from x-ray images. The Project Research Scientist-I will also be involved in development of hardware and AI-based algorithms for 3D reconstruction.
Essential Qualification	PhD Degree in engineering (Electrical engineering /Medical physics / Biomedical engineering/ Instrumentation engineering / electronics engineering/ Engineering Physics/ Mechanical Engineering) OR Minimum first class* M. Tech degree in engineering (Electrical engineering /Medical physics / Biomedical engineering/ Instrumentation engineering / electronics engineering/ Engineering Physics/ Mechanical Engineering) with a valid GATE qualification and prior experience. OR Minimum first class* Bachelor's degree in engineering (Electrical engineering /Medical physics / Biomedical engineering/ Instrumentation engineering / electronics engineering/ Engineering Physics/ Mechanical Engineering) with a valid GATE qualification and prior experience. <i>*First Class as defined by the IIT Indore (https://academic.iiti.ac.in/phdadvt.php).</i>
Desirable Qualification	The following are desired but not mandatory: <ul style="list-style-type: none">● Candidates with knowledge of programming● Prior experience in medical imaging reconstruction and processing● Good communication skills
Age Limit	Preferably below 30 years
Salary	₹ 67,200 per month (Consolidated)



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Last Date & Time	<p>Interested candidates are requested to apply for the position through Google form: https://docs.google.com/forms/d/e/1FAIpQLScvAIsbmMfbn0FzIpmPFIYqtRo8a9CBhKe56HXQLt1zrvapUQ/viewform?usp=header</p> <p>or</p> <p>https://forms.gle/C1DuazcRmCm8Lk1t5</p> <ul style="list-style-type: none"><input type="checkbox"/> The last date for submitting the application form is May 23, 2026.<input type="checkbox"/> Incomplete applications will be rejected.<input type="checkbox"/> For any technical problem with submitting the application, please write to lokeshb@iiti.ac.in
<p>Only shortlisted candidates will be informed about the date of the interview by email. The appointment is purely temporary and may be co-terminus with the project. Mere possession of minimum qualifications does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirement of the project.</p> <p>Google meet link will be shared only with the shortlisted candidates before the date of the interview.</p> <p>Interview Date: Would be communicated by May 31, 2026.</p>	