



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. The details of the project are given below:

Name of Post	Project Research Scientist-I
No. of post	One (01)
Title of The Project	Ultrasound mediated drug delivery mechanism for cirrhotic liver using micro-physiological units.
Principal Investigator	Dr. Hitendra Kumar (PI), Dr. Lokesh Basavarajappa (Co-PI) Assistant Professor, Mehta Family School of Biosciences and Biomedical Engineering, Indian Institute of Technology Indore
Tenure of Project	Appointment for 1 year. It can be extended further if the candidate's performance is found satisfactory.
Job Description	The selected Project Research Scientist-I will contribute to the development of ultrasound setup for drug delivery applications. The Project Research Scientist-I will also be involved in cell culture and 3D printing to develop a cirrhotic liver using micro-physiological units.
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. OR Minimum first class* Bachelor's degree in in engineering (Electrical engineering /Medical physics / Biomedical engineering/ Instrumentation engineering / electronics engineering/ Engineering Physics/ Mechanical Engineering) with a valid GATE qualification. <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 3D printing, basic electronics, mechatronics, signal processing.● Prior experience in ultrasound is preferred.● Prior experience in biomaterials development and characterization is preferred.● Good communication skills.
Age Limit	Preferably below 30 years
Salary	₹ 67,200 per month (Consolidated)



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Last Date & Time

Interested candidates are requested to apply for the position through Google form:
https://docs.google.com/forms/d/e/1FAIpQLScTDX1G8P_I3aHQ3eSmRocrQUx3hvCa9KwMwTjdwfzTyg_Q/viewform?usp=dialog

or

<https://forms.gle/43wUwa4BzWyhGMh37>

- The last date for submitting the application form is **May 10, 2026**.
- Incomplete applications will be rejected.
- For any technical problem with submitting the application, please write to hitendra@iiti.ac.in or lokeshb@iiti.ac.in

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.

Google meet link will be shared only with the shortlisted candidates before the date of the interview.

Interview Date: Would be communicated by May 20, 2026.