



Indian Institute of Science Education and Research Bhopal

Project Scientist - I (Non-Medical) at IISER Bhopal

Applications are invited from Indian nationals for the post of “Project Scientist 1” in the ICMR sponsored project “Development of a Microfluidics-Based Device for Rapid Antimicrobial Susceptibility Testing of Clinically Important Rapidly-Growing Non-tuberculous Mycobacteria”. The total project duration is 3 years from the start date of the project, subject to annual extensions by the funding agency.

Project description:

The project will focus on the study of bacterial population growth within microfluidics and subsequent image analysis through deep learning and AI tools.

Duration: Initially for 6 months, extendable periodically up to the duration of the project.

Last date for applications: 10th May 2026 or until filled
(this call will remain open until suitable candidates are found)

Minimum Essential Qualifications for Project Scientist - I (Non-Medical): (as per ICMR guidelines)

Second class Postgraduate degree (including the integrated PG degrees) in basic sciences or relevant engineering discipline with PhD

OR

First class Postgraduate degree (including the integrated PG degrees) in basic sciences or relevant engineering discipline

OR

For Engineering: First class graduate degree of 4 years in relevant engineering disciplines

Age Limit: 35 years as on the last date of application with age relaxation for SC/ST as per ICMR guidelines

Desirable experience:

Candidates having experience in some or all of the following will be preferred:

- handling biological samples and bacterial cultures in microfluidics
- experience in microscopic imaging of cells and biological materials through fluorescence microscopes (inverted, confocal, etc) and
- deep learning based image analysis.

Do indicate at least 1 reference in your CV who can corroborate your experience in the above.

Salary:

Project Scientist - I (Non-Medical): Rs. 56,000 p.m. + HRA (20%) = Rs. 67,200

How to Apply:

Submit your application through this Google Form:

<https://forms.gle/rheyisBd5WE5XUB66>

The applications will undergo a first round of shortlisting. Shortlisted candidates will be notified and called for an online interview. Date of interview will be communicated to shortlisted candidates.

For more details and context, visit the homepage of Dr. Rati Sharma <https://sites.google.com/iiserb.ac.in/cebp> or write to rati@iiserb.ac.in. Incomplete applications will not be considered, and no correspondence will be entertained with regards to the application status. All correspondence regarding shortlisting and selection will only be via email.

