

**Department of Biosciences and Biomedical Engineering (BSBE)  
Indian Institute of Technology Indore**

**Advertisement for Admission to PhD Program in BSBE at IIT Indore**

**Last date for online application: 16 March 2025  
Tentative date of Test and Interview: 24<sup>th</sup> March 2025**

The Department of Biosciences and Biomedical Engineering (BSBE) at IIT Indore invites applications from motivated and research-oriented students for admission to its Ph.D. Program. Below is the list of BSBE Faculty and associated Research Laboratories along with their lab website links:

<b>Faculty</b>	<b>Research Laboratory</b>
Prof. Amit Kumar	Drug targets, Design and Discovery Lab ( <a href="https://iiti.ac.in/people/~amitk/">https://iiti.ac.in/people/~amitk/</a> )
Prof. Prashant Kodgire	Molecular Immunology Lab ( <a href="https://sites.google.com/iiti.ac.in/pkodgire">https://sites.google.com/iiti.ac.in/pkodgire</a> )
Prof. Sharad Gupta	Biophysics and Biomedical Engineering Lab ( <a href="https://sguptaucr.wixsite.com/iitindore">https://sguptaucr.wixsite.com/iitindore</a> )
Prof. Mirza S Baig	Molecular Cell Signaling Lab ( <a href="https://msblab.in">https://msblab.in</a> )
Dr. Hem Chandra Jha	Infection Bioengineering Lab ( <a href="https://sites.google.com/view/infectionbioengineering">https://sites.google.com/view/infectionbioengineering</a> )
Dr. Parimal Kar	Theoretical and Computational Biophysics Lab ( <a href="https://iitibsbeparimalkar.wixsite.com/biophysics">https://iitibsbeparimalkar.wixsite.com/biophysics</a> )
Dr. Abhijeet Joshi	TheraSens Lab ( <a href="https://abhijeetniper.wixsite.com/therasens-lab">https://abhijeetniper.wixsite.com/therasens-lab</a> )
Prof. Avinash Sonawane	Disease Biology and Cellular Immunology Lab ( <a href="https://asonawane.wixsite.com/iitibsb">https://asonawane.wixsite.com/iitibsb</a> )
Prof. Ganti S Murthy	Sustainable Technologies Lab ( <a href="https://gantimurthy.wixsite.com/stlab">https://gantimurthy.wixsite.com/stlab</a> )
Prof. Kiran Bala	Algal Eco-Technology and Sustainability Lab ( <a href="https://sites.google.com/view/aetsiiti">https://sites.google.com/view/aetsiiti</a> )
Dr. Sivaraj M Sundaram	Neurobiology Lab ( <a href="https://sites.google.com/view/smslabpageiiti/home">https://sites.google.com/view/smslabpageiiti/home</a> )
Dr. Lokesh Basavarajappa	Ultrasound Research and Therapy Lab ( <a href="https://sites.google.com/view/lokesh-b/home">https://sites.google.com/view/lokesh-b/home</a> )
Dr. Hitendra Kumar	Biofabrication Lab ( <a href="https://sites.google.com/iiti.ac.in/hk-lab/">https://sites.google.com/iiti.ac.in/hk-lab/</a> )
Dr. Sourav Chandra	Neuro Robotics Lab ( <a href="https://sites.google.com/iiti.ac.in/bsbe-nrl">https://sites.google.com/iiti.ac.in/bsbe-nrl</a> )

Candidates are strongly advised to visit the faculty profiles at <http://bsbe.iiti.ac.in/faculty.php> and lab websites (links provided against the Research Laboratory) before applying to the PhD program.

### **Application Procedure: (for Indian Students)**

- Candidates must apply ONLINE through our website (<http://academic.iiti.ac.in:8080/nregistration.jsp>). This will generate a unique application number for each applicant.
- Application Fee: Kindly refer to the main Ph.D. Advertisement of the Institute available at <http://academic.iiti.ac.in/phdadvt.php>
- **Candidates shortlisted for interview must bring the signed hard copy of the application along with SBI Collect receipt, recent photograph, self-attested relevant certificates (for SW candidates: NOC, experience certificate, last 3 months salary slips, and Employer's PAN card) at the time of the Interview.**
- In case a candidate wishes to apply in more than one department, then a separate application must be filled for each department.
  
- **No TA/DA will be provided to the applicants if called for written test/interview.**
- **The shortlisted candidates should arrange to send a minimum of two letters of recommendation directly to [bsbephdadmissions@iiti.ac.in](mailto:bsbephdadmissions@iiti.ac.in) or provide in a sealed envelope before appearing for the interview.**
- Mere fulfillment of the essential qualifications does not guarantee admission to the Ph.D. program in the Department of BSBE. The selection will be based on the overall performance, which will include interview, academic background, suitability for research in the chosen field/area, research aptitude, communication skills, etc.
  
- **Shortlisted candidates will have to appear for a written test and in-person interview on IIT Indore campus. No online interviews will be conducted.**

**Application Procedure for International Students:** Kindly refer to the main Ph.D. Advertisement of the Institute available at <http://academic.iiti.ac.in/phdadvt.php>.

**Categories of Admission:** Kindly refer to the main Ph.D. Advertisement of the Institute available at <http://academic.iiti.ac.in/phdadvt.php>.

**Eligibility:** Kindly refer to the main Ph.D. Advertisement of the Institute available at <http://academic.iiti.ac.in/phdadvt.php>.

### **Minimum Educational Qualification and Qualifying Examination**

- Minimum first class\* Master's degree in Life Sciences, Microbiology, Biotechnology, Bioinformatics, Physics, Biophysics, Chemistry, Biochemistry, Biomedical Science, Pharmacy with a with a valid UGC/CSIR-JRF/DST-INSPIRE qualification or equivalent fellowship OR
- Minimum first class\* M. Tech degree in Computer Science and Engineering/ Electrical/ Electronics/ Mechanical/ Biomedical/ Chemical/ Biotechnology/ Pharmaceutical Engineering/ Agricultural Engineering with a valid UGC/CSIR-JRF/DST-INSPIRE qualification or equivalent fellowship OR
- Minimum first class\* Bachelor's degree in computer science and Engineering/ Electrical/ Electronics/ Mechanical/ Biomedical/ Chemical/ Biotechnology/ Pharmaceutical Engineering/ Agricultural Engineering with a valid UGC/CSIR-JRF/DST-INSPIRE qualification or equivalent fellowship.

\*First Class as defined by the University/ Institute awarding the degree.

**Research Interests of Faculty Members:** For more details, visit faculty profiles at <http://bsbe.iiti.ac.in/faculty.php> and their lab websites.

**Address for Correspondence:**

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Department of Biosciences and Biomedical Engineering  
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Indore 453552, Madhya Pradesh, India.  
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