

**Department of Biosciences and Biomedical Engineering  
Indian Institute of Technology Indore**

**Advertisement for Admission to PhD Program for Spring 2023  
Last date for online application: 5<sup>th</sup> Feb, 2023**

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 in the following areas:

<b>Faculty</b>	<b>Research Areas</b>
Prof. Amit Kumar	Molecular Microbiology; Drug target and discovery for diseases
Prof. Prashant Kodgire	Molecular Biology; Molecular Immunology
Dr. Sharad Gupta	Biophotonics and near-infrared bioimaging; Regenerative medicine and bionanotechnology; Near-infrared sensing
Dr. Mirza S Baig	Inflammation and Cancer; Anti-Inflammatory Drug Discovery; Inflammation and Pulmonary Fibrosis
Dr. Hem Chandra Jha	COVID-19 in cardiovascular diseases Bioremediation in COVID-19
Dr. Parimal Kar	Structural Bioinformatics; In-silico Drug Discovery
Dr. Abhijeet Joshi	Nanodiagnostics Bioinstrumentation Drug delivery
Prof. Avinash Sonawane	Anti-tuberculosis drug development Leukemia Immunology 3D Bioprinting
Dr. Kiran Bala	Bioremediation Algal Bioactive compounds for drug discovery COVID-19 and Environmental Health
Dr. Sunil Kumar Boda	Biomaterials and Tissue Engineering; Bioadhesives

Candidates are strongly advised to visit the faculty profiles at <http://bsbe.iiti.ac.in/faculty.php> before applying for 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>
- **After submitting the application online, the eligible candidate has to send 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) which should reach before the date 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 may include an interview, academic background, suitability for research in the chosen field/area, research aptitude, communication skills, etc.

**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:** Only Fellowship Awardees (FA) with JRF/ SRF from funding agencies such as CSIR, UGC, DBT, DST or equivalent fellowships.

**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 degree in Life Sciences, Microbiology, Biotechnology, Bioinformatics, Physics, Biophysics, Chemistry, Biochemistry, Biomedical Science, Pharmacy with a valid UGC/CSIR-JRF 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 UGC/CSIR-JRF qualification or equivalent fellowship OR
- Minimum first class\* Bachelor degree in Computer Science and Engineering/ Electrical/ Electronics/ Mechanical/ Biomedical/ Chemical/ Biotechnology/ Pharmaceutical Engineering/ Agricultural Engineering with a valid UGC/CSIR-JRF 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>

#### **Address for Correspondence:**

Convener, PhD Admission Committee  
Department of Biosciences and Biomedical Engineering  
Indian Institute of Technology Indore  
Khandwa Road, Simrol  
Indore 453552, Madhya Pradesh, India.  
Email: [bsbephdadmissions@iiti.ac.in](mailto:bsbephdadmissions@iiti.ac.in); [sunilboda@iiti.ac.in](mailto:sunilboda@iiti.ac.in)