



MANIPAL UNIVERSITY
JAIPUR

B.Tech. (Computer Science and Biosciences)

Admission 2025-26

About the Program

- The program combines knowledge from computer science and biology to explore the intersection of these fields.
- It includes a mix of theoretical and practical courses that cover fundamental concepts in mathematics, statistics, biology, and computer science.
- Students learn programming languages like Python, Java, and R, which are commonly used in both computer science and biosciences.
- The program focus on utilizing the skills of computer science and statistics techniques to analyze biological data through courses such as bioinformatics, machine learning, and biomedical imaging.
- The program teaches how to use computational techniques to study the brain and its functions through courses like computational neuroscience.
- Industry ready curriculum
- Well established labs with upgraded tools
- MoU with renowned Universities and Industries
- Technical Clubs and Student Chapters
- Exposure to industries through periodical industrial visits
- IAESTE student exchange program provides international internship to the students

Design your own
Degree and Career



Key Highlights of the Program

- **Interdisciplinary approach:** The program combines computer science and biology, offering a unique interdisciplinary perspective that appeals to students interested in both fields.
- **Exciting field:** With rapid advancements in both computer science and biosciences, this program offers students an opportunity to explore cutting-edge research and technology.
- **Versatile skills:** Students gain a diverse skill set that includes programming, data analysis, and biological knowledge, making them valuable assets in a variety of industries, from biotechnology to pharmaceuticals.
- **Bioinformatics:** The program offers courses in bioinformatics, a growing field that uses computational methods to analyze biological data, which is a valuable skill in many research and industry settings.
- **Machine learning:** Students learn how to apply machine learning techniques to analyze and predict biological data, which is increasingly important in fields such as drug discovery and personalized medicine.
- **Career opportunities:** Graduates of this program are well-prepared for careers in research, industry, or academia, with opportunities in fields such as biotechnology, pharmaceuticals, and bioinformatics.
- **IAESTE technical training program** in which students visit different countries.

Career Opportunities

- Software & IT Companies
- Biosciences & Medical Sector
- Pharmaceuticals
- Healthcare research
- Chemical and biochemical industries
- Research and development
- Microbiology
- Intellectual Property Rights
- Biomedical Industries

National and International Collaborations

International Collaborations with Institutes & Universities : 100+
National Collaborations with Institutes & Universities : 100+

The MUJ EDGE (Why MUJ)

- NAAC A+, AICTE, and UGC Accredited Institution
- Enhances Interdisciplinary Research
- Highly qualified and experienced faculty members
- State-in-Art Laboratories
- PRAISE incentive policy for research publication
- Excellent Infrastructure
- Scholarship for Students
- Student Travel Grant for International Internships
- Industry and International exposure
- Experiential learning through projects

Potential Recruiters

- | | | |
|-----------------|-------------------|--------------------------|
| • Amazon | • SHELL | • Nippon |
| • Oracle | • HSC | Audiotronix |
| • Intellipaat | • JP Morgan | • Siemens |
| • Verzeo | Chase Ltd. | • Biocon |
| • Zscaler | • CISCO | • Bharat Biotech |
| • Microsoft | • Naggaro | • Reliance life sciences |
| • Philips | • Dell Technology | • Zydus Cadila |
| • Deloitte | • Mtree | • Mahyco |
| • Adobe Inc. | • Nagaro | • Jubilant |
| • Capgemini | • BARCO | • DuPont |
| • ZS Associates | • DigiInnov8 | • BASF |

Eligibility

The candidates need to meet any one of the following criteria:

- **MET 2025 Rank Holder**

The candidate must have passed 10+2 or A Level or IB or American 12th grade or equivalent examination with Physics, Mathematics and English as Compulsory subjects, along with any one of Chemistry or Computer Science or Biotechnology or Biology or Statistics or Engineering Drawing as optional subject for admission to B Tech, with minimum of 50% marks in Physics, Mathematics and the optional subject, put together.

- **Direct admission**

Direct admission is possible if seats are available after MET.

Candidates need to meet one of the following criteria:

Candidates have a JEE rank and qualified for JEE Advanced in that year Based on candidate's SAT score

MET 2025 rank holders, who could not come for counseling.

All Students with Physics, Mathematics and English as compulsory subjects and who have 60% or equivalent in PMX subjects in their 12th std. where X could be Chemistry, Computers Science, Biotechnology, Biology, Statistics or Engineering Drawing, Biotechnology/ Biology /Statistics/ Engineering Drawing).

Lateral Entry

Candidates who have passed 3 year diploma in relevant field of engineering with a minimum of 50% marks in aggregate can apply for Lateral Entry to relevant B Tech Programmes.

Scholarships

- TMA Pai Engineering Scholarships
- TMA Pai Merit Scholarships
- Rajasthan Merit Scholarships
- Financial Assistance for Sibling(s)
- Scholarship for "Differently-abled" Students
- Scholarships for wards of Martyrs of Defence Personnel / Para Military Forces
- Scholarships for the wards of Single Mother & Orphan Child
- Scholarships for Sports Persons
- Scholarships for students of Higher Semesters

Unique Research and Lab Facilities

- **Advanced Computer - aided design and simulation Laboratory** - High-performance computing systems to perform complex modeling, simulation and analysis tasks in various fields.
 - Big Data & Machine Learning Lab
 - PARAM Shavak - Supercomputer
 - Centre of Excellence for AI and ML with Intel.
 - Computing Research Lab
 - Bioinformatics Lab
- **Cancer Biology Laboratory** - Dedicated for research on cancer, development of healthy tissues for cancer treatment.
- **Biomaterial Research Laboratory** - Promotes research on biomaterial development.
- **MEMS Laboratory** - This lab specializes in design, fabrication, and testing of micro and nanoscale devices.
- **Microbiology and Biochemistry Lab** - Microbiology lab specializes in the study of microorganisms. Biochemistry lab focuses on study and functions of biomolecules with common techniques such as chromatography, electrophoresis, spectroscopy, and enzymatic assays.

Admission Process



Application form initiated through our website
admissions.jaipur.manipal.edu



Applicants must submit a completed application
form with relevant documents within the due date.

Hostel Details

📞 **goodhostspaces.com** ☎ **08069122800**
✉ **info.jaipur@goodhostspaces.com**

Please visit
<https://jaipur.manipal.edu/index.php>

Counsellor Contact Details

Ms Anita Sharma
☎ **8306006852**



Our counsellors will guide candidates through the
admission process, which is as per regulatory requirements.



Please visit the FAQ section on our website to
know more about the admission process.



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**MANIPAL UNIVERSITY
JAIPUR**
(University Under Section 2(f) of the UGC Act)

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