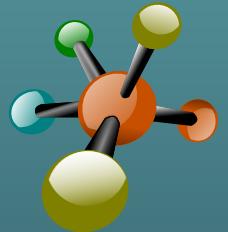


# IIT-JAM BIOTECHNOLOGY + INTERNSHIPS



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LEADER IN BIOTECHNOLOGY & AI-DRIVEN  
BIOTECH RESEARCH

## About the Program

OUR IIT-JAM BIOTECHNOLOGY COACHING PROGRAM IS METICULOUSLY CRAFTED TO HELP STUDENTS SECURE TOP RANKS IN THE IIT-JAM BIOTECHNOLOGY (BT) EXAM. THIS PROGRAM TARGETS ASPIRING STUDENTS WHO AIM FOR M.SC. BIOTECHNOLOGY, M.SC.-PH.D. DUAL DEGREE, INTEGRATED PH.D. PROGRAMS AT INDIA'S PREMIER INSTITUTES SUCH AS IITS, IISC, NITS, IISERS, AND OTHER TOP UNIVERSITIES.

THE PROGRAM INTEGRATES AI-DRIVEN RESEARCH TECHNIQUES, BIOTECH FUNDAMENTALS, AND CUTTING-EDGE BIOTECH APPLICATIONS, PREPARING STUDENTS FOR A THRIVING CAREER IN BIOTECH RESEARCH, BIOPHARMA, AND AI-DRIVEN BIOTECHNOLOGY.

### Program Features

- 100% SYLLABUS COVERAGE & PRACTICE PROBLEMS
- WEEKLY TESTS & FULL-LENGTH MOCK EXAMS (ALIGNED TO IIT-JAM PATTERN)
- AI-DRIVEN RESEARCH TECHNIQUES & BIOTECHNOLOGY APPLICATIONS
- LIVE CLASSES, DOUBT CLEARING SESSIONS
- PYQ SOLVED MATERIAL (20+ YEARS)
- QUANTITATIVE & NUMERICAL SECTIONS WITH LEVEL -3 PRACTICES
- ACCESS ON WEB, ANDROID & IOS
- 1-ON-1 MENTORSHIP + STRATEGY SESSIONS
- CRASH COURSE & FINAL REVISION PLAN

Phase	Duration	Focus
Phase 1	May-Aug	Core Concepts in Biomolecules, Genetics, Cell Biology
Phase 2	Sep-Nov	Microbiology, Immunology, Biochemistry
Phase 3	Dec - Jan	Industrial & Environmental Biotechnology, Advanced Genetics
Phase 4	Feb	Full-Length Mock Tests + Crash Course



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## Why Choose This Program?

- TAUGHT BY LEADING EXPERTS IN BIOTECHNOLOGY & AI INTEGRATION
- PERSONALIZED STUDY PLAN & REGULAR FEEDBACK
- DAILY DOUBT CLARIFICATION + EXAM STRATEGY
- COMPREHENSIVE COVERAGE: FROM BIOTECH FUNDAMENTALS TO AI APPLICATIONS
- HIGHEST SUCCESS RATE IN IIT-JAM WITH TOP RANKERS
- INTEGRATION WITH AI-DRIVEN RESEARCH & INDUSTRY INTERNSHIP OPPORTUNITIES

## Bonus Features

- FREE BIOTECHNOLOGY CRASH COURSE FOR ENROLLED STUDENTS
- CAREER GUIDANCE FOR RESEARCH POSITIONS & PH.D. PROGRAMS
- AI-BASED STUDY TOOLS & RESOURCES
- JAM ONLINE PRACTICE SERIES (FREE ACCESS, WORTH ₹10,000)
- ALL-INDIA MOCK TEST + RANKING
- GUIDANCE FOR POST-JAM MSC ADMISSION INTERVIEWS

## Career Paths After IIT-JAM Biotechnology + AI Integration

PH.D. IN BIOTECHNOLOGY, BIOINFORMATICS, GENETICS  
BIOTECH RESEARCH & DEVELOPMENT  
AI-POWERED DRUG DESIGN  
BIOPHARMA & GENOMICS COMPANIES (E.G., NOVARTIS, ROCHE, GENENTECH)  
AGRICULTURAL BIOTECHNOLOGY (AI IN CROP IMPROVEMENT)  
AI-DRIVEN BIOINFORMATICS & PRECISION MEDICINE  
GOVERNMENT LABS (CSIR, DBT, ICMR, ETC.)



# INTERNSHIPS

## **AI-Enhanced Drug Discovery: Predicting Molecular Interactions with Deep Learning**

**Objective:** Apply deep learning models to predict protein-ligand interactions and drug efficacy for new pharmaceutical compounds.

**Skills:** Bioinformatics, Deep Learning, Python, PyTorch/TensorFlow, Drug Discovery Techniques.

## **Biotechnology Data Analytics: Predictive Models for Bioprocess Optimization**

**Objective:** Develop machine learning models to analyze and predict outcomes of bioprocesses, optimizing yield, and efficiency in bioreactors.

**Skills:** Data Science, Machine Learning Algorithms, Process Optimization, MATLAB, Python.

## **Biotechnology for Agricultural Innovation: Predictive Analytics for Crop Disease Resistance**

**Objective:** Use AI to predict the susceptibility of crops to diseases and design genetic modifications for enhanced resistance.

**Skills:** AI/ML in Agriculture, Data Analysis, Genomic Data, R, Python, Agriculture Biotechnology

we believe in nurturing real-world scientific thinking. That's why, beyond just coaching, we offer students the opportunity to undertake self-driven projects in their domain of interest — with full support from our expert mentors.

**CONTACT US:-**

**BOOK YOUR SLOT TODAY**

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## WHAT SHOULD YOU EXPECT FROM THIS PROGRAM....?

- ▶ **Recognized Certification**
- ▶ **Real-World Application Development**
- ▶ **Job-Ready Technical Training**
- ▶ **Placement & Job/Career Support**
- ▶ **Master in-demand skills tailored to meet the needs of MNCs and private sector companies, making you job-ready from day one.**



## 2 -Certifications based on Real-world Projects & Internships (Paid & UnPaid)

- ▶ **Official Internship Endorsement**
- ▶ **Project-Based Experience**
- ▶ **Industry-Aligned Exposure**
- ▶ **Skill Application Proof**
- ▶ **Career Advancement Credential**



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# COMPANY PROFILE



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Empowering learners globally with quality education  
and training content for new approach to learning  
paradigms

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