

JOB PROFILES IN BIOTECHNOLOGY & MICROBIOLOGY SECTOR



OUR RECRUITERS



SCAN QR CODE
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Other Courses

**MBA | MCA | BBA | BCA | BPT | MPT | D.Pharm
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IAMR

INSTITUTE OF APPLIED MEDICINES & RESEARCH

(Recognized by UGC, Govt. of India, Affiliated to CCS University, Meerut)

NAAC Accredited

(College Code: 966)

B.Sc. (Honors)

Biotechnology

M.Sc.

Biotechnology

B.Sc. (Honors)

Microbiology

M.Sc.

Microbiology



FACULTY OF LIFE SCIENCES @ IAMR

Founded in 2002, the Institute of Applied Medicines & Research (IAMR) swiftly emerged as an educational vanguard, igniting a transformative journey with Department of Life Sciences. IAMR distinguished itself as a beacon of academics, setting the standard for excellence in education. Offering unmatched opportunities and educational pathways, IAMR introduced pioneering programs such as B.Sc. (Honors) Biotechnology, B.Sc. (Honors) Microbiology, and cutting-edge M.Sc. programs in Biotechnology & Microbiology. From its inception, IAMR has epitomized unwavering commitment to academic distinction and student empowerment, carving a legacy of unparalleled educational excellence.

At our institution, we believe in fostering a vibrant intellectual community and serve dynamic platforms for knowledge exchange, collaboration and innovation, bringing together experts, scholars and enthusiasts from diverse fields.

To witness the success stories join us at the forefront of scientific innovation, where knowledge meets opportunity and aspirations turn into achievements. Experience the difference at our organization, where excellence is not just a goal but a way of life.

BIOTECHNOLOGY

Biotechnology is a pivotal force driving progress, merging biology, chemistry, genetics, engineering, and computer science. It pioneers novel therapies in healthcare, enhances agriculture, and addresses environmental challenges with solutions like biodegradable plastics and biofuels. In industry, it fuels innovation through efficient bioconversion and biomaterial applications, promising transformative solutions across diverse domains.

MICROBIOLOGY

Microbiology is vital in medicine, agriculture, environmental science, and biotechnology, contributing significantly to human welfare. It's crucial in healthcare for diagnosing and treating infectious diseases, driving vaccine and antibiotic development. In agriculture, it improves soil fertility and promotes sustainable farming. In industry, microbial biotechnology produces enzymes, biofuels, and pharmaceuticals sustainably. Additionally, it aids in wastewater treatment and pollution mitigation, preserving ecosystems. Its diverse applications address global challenges, advancing human well-being and sustainability.

ELIGIBILITY:

B.Sc.(H) Biotechnology : 10+2 from CBSE/ICSE or any recognized Board with PCB/PCM.

B.Sc.(H) Microbiology : 10+2 from CBSE/ICSE or any recognized Board with PCB.

M. Sc. Biotechnology : B. Sc. degree with Chemistry, Botany and Zoology/B.Sc. Biotechnology from recognized University/Affiliated Institute.

M.Sc. Microbiology : B. Sc. degree with Chemistry, Botany and Zoology/ B.Sc. (M.L.T.)/B.Sc. (Microbiology/Biotechnology), / B. Pharma/B. V. Sc. from recognized University/Affiliated Institute/M.B.B.S



SCOPE OF BIOTECHNOLOGY

- Environmental Biotechnology
- Bioprocessing and Industrial Biotechnology
- Regenerative Medicine and Stem Cell Therapy
- Personalized Medicine and Diagnostics
- Pharmaceuticals
- Medical Devices
- Biomedical Research
- Bioinformatics
- Ethics, Policy and Regulation

SCOPE OF MICROBIOLOGY

- Medical Microbiology
- Pharmaceutical Microbiology
- Food Microbiology
- Industrial Microbiology
- Environmental Microbiology
- Veterinary Microbiology
- Public Health Microbiology
- Research and Academia
- Biodefense and Biosecurity

OUR SALIENT FEATURES

- Emphasis on hands-on learning experience.
- Fostering collaboration between academia and industry.
- Extending education beyond traditional classroom settings.
- Education focused on tangible outcomes and real-world applications.
- Highly qualified faculty with experience of academics, research & industry.
- Faculties are felicitated by various awards from prestigious organizations.
- Publications of books, research papers & review articles by the faculty and students.
- Rank holder at University level and 100% academic result in consecutive years.
- Students participation & presentation in workshops & conferences.
- Laboratories equipped with advanced instruments.
- MOUs with various organizations of National repute.
- Facilitating the placement of students in esteemed organizations.

