

**KERALA AGRICULTURAL
UNIVERSITY**

**PROSPECTUS FOR ADMISSION TO
B.SC.-M.SC. (INTEGRATED)
MICROBIOLOGY**

2023-2024

INTRODUCTION

The B.Sc.-M.Sc. (Integrated) Microbiology course offered by Kerala Agricultural University is a comprehensive program that provides students with a deep understanding of microbiology and its applications in various sectors. With a strong focus on agriculture and environment-related studies, this program equips students with the knowledge and skills necessary to contribute to sustainable agriculture, environmental management, biotechnology, human health, and other industries. Through a seamless progression from undergraduate to postgraduate studies, students receive specialized training in microbial genetics, ecology, biotechnology, and pathogenesis. The program emphasizes research-oriented learning, offering abundant opportunities for students to engage in practical research activities. Graduates of this program emerge as well-rounded microbiologists, ready to tackle the challenges of the industry and make significant contributions to scientific advancements. By choosing the B.Sc.-M.Sc. (Integrated) Microbiology course at KAU, students embark on a journey of academic excellence and career opportunities in the fascinating field of microbiology.

COURSE OBJECTIVE

- **Foundational Knowledge:** Providing students with a strong foundational understanding of microbiology, encompassing microbial structure, genetics, physiology, and ecology.
- **Research Skills:** Developing students' research capabilities by teaching them essential research methodologies, experimental techniques, and data analysis skills.
- **Applied Microbiology:** Training students to apply microbiological knowledge to real-world challenges in health, agriculture, food safety, and environmental conservation.
- **Critical Thinking:** Fostering critical thinking and problem-solving skills to analyze complex microbiological issues and devise innovative solutions.
- **Ethical Considerations:** Instilling a sense of ethical responsibility and professional integrity in students when conducting research, handling microorganisms, and addressing societal challenges.

The details of course are given below:

a.	Name of Course	B.Sc.-M.Sc. (Integrated) Microbiology
b.	Name of Institution	College of Climate change and Environmental Science
c.	Number of seats	30
d.	Duration of Course	5 years (10 semesters)
e.	Eligibility	Candidates who have completed their Plus Two/Higher Secondary/equivalent examination in the science stream with Physics, Chemistry, and Biology/Mathematics as compulsory subjects with a minimum of 60% marks.
f.	Fee Structure	
	Admission Fee	Rs.10,000/-
	Semester Tuition Fee	Rs.40,000/-

g.	Medium of Instruction	English
h.	Accommodation	Candidates have to make own arrangements for boarding and lodging

* *The fee will be subject to revision from time to time at the discretion of the University.*

3. SELECTION

The selection of candidates will be based on an entrance examination.

4. SYSTEM OF TEACHING AND EVALUATION:

Credit-based semester system of Kerala Agricultural University

FOR MORE DETAILS ABOUT THE COURSE, CONTACT:

DR P O NAMEER
 Dean, College of Climate change and Environmental Science
 Email: nameer.po@kau.in
 Mobile: 9446573106

*For admission related queries, contact +91 487-243 8132/8136 (10 AM to 5 PM on working days)
 or email to admissions@kau.in*

DIRECTOR OF EDUCATION
