



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN(AUTONOMOUS)
VANIYAMBADI

DEPARTMENT OF MICROBIOLOGY

BRIDGE COURSE 2025-2026

COURSE NAME: MICROBIOLOGY

Course objectives

1. To introduce fresh first year B.Sc. learners to the world of the microorganisms.
2. To make learners familiar with the microbiology and its various terminology.
3. To make the learners aware about microbes around in the environment and the cause and control of infectious diseases.
4. To introduce the learners with the scope and carrier aspects in microbiology.

Section	Topic	Pedagogy Activity	Outcome	Staff In charge
1.	An outline of the coursework– curriculum of B.Sc Microbiology	Black board	Students will understand the course work topics going to study in their three-year course.	Dr. S. Kavi Karunya
2.	Introduction, extent and impact of microorganisms	Presentation	Understand the importance of different classes of microorganisms	Ms. M. Yazhini
3.	Microbial world and you	Black board	Students will learn the human microbe interaction	Dr. K. Manoj Kumar
4.	Prokaryotic diversity microbial world	Charts	Students will understand the evolutionary history of prokaryotes	Ms. M. Yazhini
5.	Fundamentals of Microbiology	Presentation	Understand the basic and general concepts of Microbiology	Dr. K. Manoj Kumar
6.	Immunity and vaccines	Presentation	Know about different types of immunity and vaccines	Dr. S. Kavi Karunya
7.	Medical Microbiology	Presentation	Students will acquire the knowledge of normal and common pathogenic organisms	Dr. K. Manoj Kumar

8.	Industrial and Agricultural microbiology	Presentation	Students will understand the role of microorganism in agriculture and industries	Ms. M. Yazhini
9.	Microscopy	Black board and ppt	Will understand the development of microscope	Dr. S. Kavi Karunya
10.	Molecular biology and Genetic engineering	Charts and models	Will learn the DNA, RNA and rDNA techniques	Ms. M. Yazhini
11.	Emergence of new infectious diseases and their potential for biowarfare agents	Presentation	Acquire the knowledge about microbes as warfare agents	Dr. K. Manoj Kumar
12.	Microbiology Laboratory	Presentation	Knowing rules, safety, operation and techniques in lab	Dr. K. Manoj Kumar
13.	Introduction to reference and text books	Black board	Will become familiar with various reference and text books	Ms. M. Yazhini
14.	Entrepreneurial Microbiology	Presentation	Students will learn about vermiculture, mushroom cultivation, and SCP (Single-Cell Protein) production	Dr. S. Kavi Karunya
15.	Career prospects for microbiology graduates	Black board	Knowing about microbiology opens doors to a wide range of careers	Dr. K. Manoj Kumar

COURSE OUTCOMES

Students will be able to

- Address the disparity in subject knowledge between high school and university education.
- Learn the scope and carrier's aspects on microbiology.
- Acquire the skills required in various industries, research labs and in the field of human health.
- Enhance the understanding and application of critical microbiology practices.

Assesment

Quiz/PPT/Multiple choice questions.

HOD
6/2/2025

Principal
Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS), VANIVAMBADI

DEPARTMENT OF MICROBIOLOGY

BRIDGE COURSE TIME TABLE 2025-2026

DATE : 09.06.2025 – 13.06.2025

DAY ORDER	I	II	III	IV	V
1	BASICS OF MICROBIOLOGY Dr. S. KAVI KARUNYA	MOTIVATIONAL CLASS Dr. MERLIN MYTHILI	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Dr. K. MANOJ KUMAR	BASICS OF MICROBIOLOGY Ms. YAZHINI
2	BASICS OF MICROBIOLOGY Dr. K. MANOJ KUMAR	BEYOND CURRICULUM AND EXAM PATTERN (Dr. SRINIVASAN)	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Ms. YAZHINI	BASICS OF MICROBIOLOGY Dr. S. KAVI KARUNYA
3	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Ms. YAZHINI	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Dr. S. KAVI KARUNYA	BASICS OF MICROBIOLOGY Dr. K. MANOJ KUMAR
4	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Dr. K. MANOJ KUMAR	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Ms. YAZHINI	SPORTS
5	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Ms. YAZHINI	COMMUNICATIVE ENGLISH Ms. P. PRIYADHARSHINI	BASICS OF MICROBIOLOGY Dr. S. KAVI KARUNYA	BASICS OF MICROBIOLOGY Dr. K. MANOJ KUMAR

HOD

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VANIYAMBADI

UG DEPARTMENT OF MICROBIOLOGY

2025-2026

BRIDGE COURSE

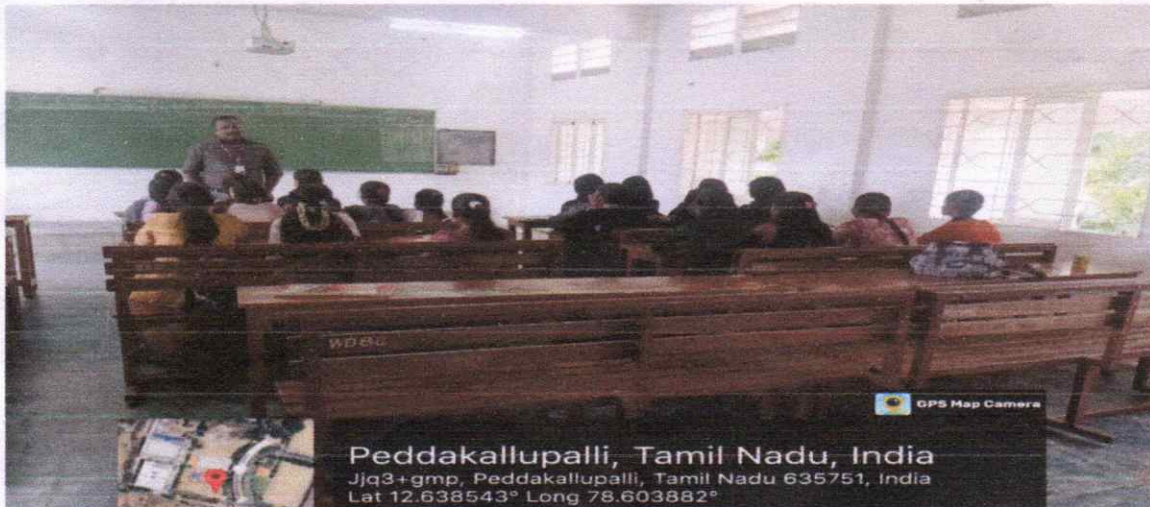
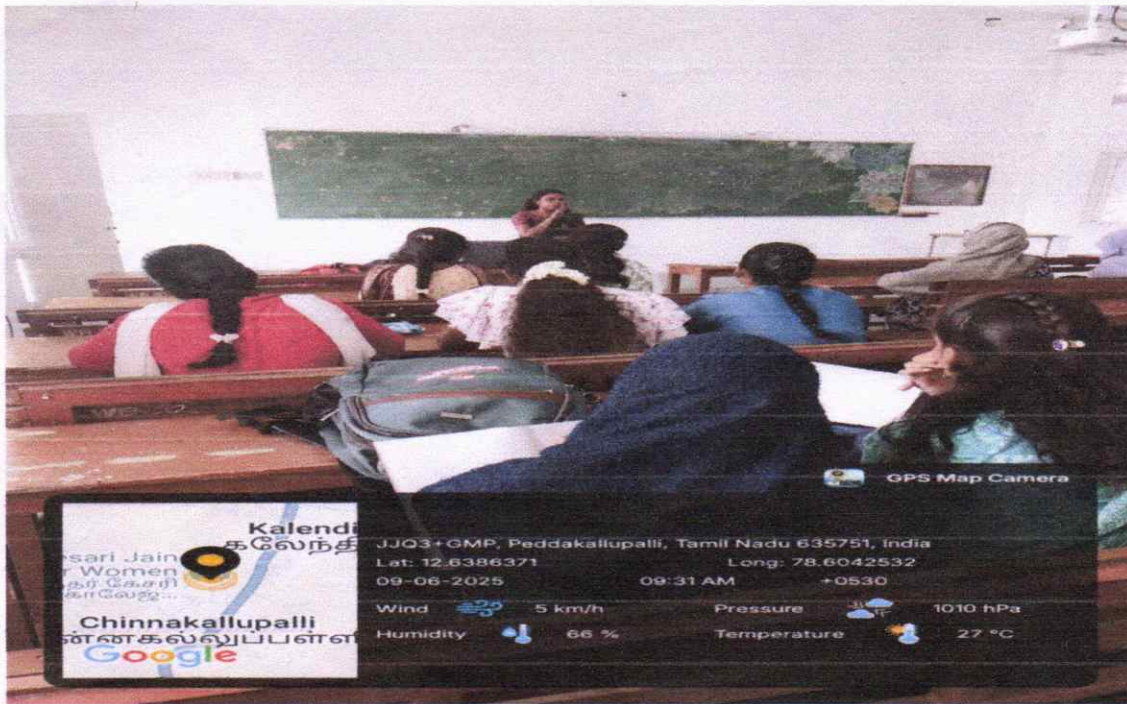
AN INTRODUCTION TO MICROBIOLOGY

09.06.2025 -13.06.2025

PHOTOS



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MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)
VANIYAMBADI

Department: Microbiology

Academic Year: 2025-2026

Class: I B.Sc Microbiology

Course Name: FUNDAMENTALS OF MICROBIOLOGY AND MICROBIAL DIVERSITY

S.No	Name of the Student	Signature				
		09.06.25	10.06.25	11.06.25	12.06.25	13.06.25
1	ANUSHA MARIYAM P					
2	ASIMA ZEHRA S					
3	DHIYA SRI K	K.DHIYA	K.DHIYA	K.DHIYA	K.DHIYA	K.DHIYA
4	JOTHINI S	S.Jothini	S.Jothini	S.Jothini	S.Jothini	S.Jothini
5	KAVIYA P	P.Kariya	P.Kariya	P.Kariya	P.Kariya	P.Kariya
6	KAVIYA S	S.Kariya	S.Kariya	S.Kariya	S.Kariya	S.Kariya
7	LALITHA K	K.Lalitha	K.Lalitha	K.Lalitha	K.Lalitha	K.Lalitha
8	MADHAMMAL R	R.Madhammal	R.Madhammal	R.Madhammal	R.Madhammal	R.Madhammal
9	MADHUMITHA S	S.Madhumitha AB	AB	S.Madhumitha	S.Madhumitha	S.Madhumitha
10	MATHIMALAR M	M.Mathimalar.M	M.Mathimalar.M	M.Mathimalar.M	M.Mathimalar.M	M.Mathimalar.M
11	MEHRUNNISA M	M.Mehrunnisa	M.Mehrunnisa	M.Mehrunnisa	M.Mehrunnisa	M.Mehrunnisa
12	NASEEM BANU M	M.Naseem Banu	M.Naseem Banu	AB	M.Naseem Banu	M.Naseem Banu
13	NISHANTHINI A	A.Nishanthini	A.Nishanthini	A.Nishanthini	A.Nishanthini	A.Nishanthini
14	PAVITHRA V	V.Pavithra	V.Pavithra	AB	V.Pavithra	V.Pavithra
15	RAMYA A	A.Ramya	A.Ramya	A.Ramya	A.Ramya	A.Ramya
16	SAADHANA T	T.Saadhana	T.Saadhana	T.Saadhana	T.Saadhana	T.Saadhana
17	SIVARANJANNI M	M.Sivaranjanni	M.Sivaranjanni	M.Sivaranjanni	M.Sivaranjanni	M.Sivaranjanni
18	SUBHASHINI S	S.Subhashini	S.Subhashini	S.Subhashini	S.Subhashini	S.Subhashini
19	SUJATHA V	V.Sujatha	V.Sujatha	V.Sujatha	V.Sujatha	V.Sujatha
20	SUNEHRA ANAM M	M.Sunehra	M.Sunehra	M.Sunehra	M.Sunehra	M.Sunehra
21	VIDHYA S	S.Vidhya	S.Vidhya	S.Vidhya	S.Vidhya	AB
22	YOGAVATHI R	R.Yogavathi	R.Yogavathi	R.Yogavathi	R.Yogavathi	R.Yogavathi
23	YUVARANI S	S.Yuvarani	S.Yuvarani	S.Yuvarani	S.Yuvarani	S.Yuvarani

24	SUGANYA D	D. huf.	D. huf.	D. AB	D. huf.	D. huf.
25	MUSHFIQUEA FATHIMA K A	D. huf.	D. huf.	D. AB	D. huf.	D. huf.
26	RAHILAA E	D. huf.	D. huf.	D. AB	D. huf.	D. huf.

M. yashini
13/6/25
class Incharge

HOD
13/6/25

DEAN School
of Life Science
13/6/2025

principal

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Department: Microbiology

Academic Year: 2025-2026

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Course Name: FUNDAMENTALS OF MICROBIOLOGY AND MICROBIAL DIVERSITY

S.No	Name of the Student	Feedback
1	ANUSHA MARIYAM P	learn many things in bridge course about fundamentals of microbiology. and the teaching was good
2	ASIMA ZEHRAS	I learn about many things in microbiology especially our class manbas teaching was very good.
3	DHIYA SRI K	We learned about the microorganism and fundamentals of microbiology and job
4	JOTHINI S	I learnt about many things in microbiology
5	KAVIYA P	We learned about fundamental of microbiology which is very useful.
6	KAVIYA S	I learn many information about micro biology and these teaching was is good
7	LALITHA K	we learned about fundamental of microbiology it is Explained about jobs of microbiology.
8	MADHAMMAL R	I learn about fundamental microbiology New things learned
9	MADHUMITHA S	I Learned many things like about fundamental of Microbiology Man teaching is very good
10	MATHIMALR M	I Learned about the microbiology. and Fundamentals of microbiology.
11	MEHRUNNISA M	it is very useful for Learned base about the microbiology and we love the classes and we learned a lot.
12	NASEEM BANU M	learn many things it was very useful for me we enjoy it.
13	NISHANTHINI A	I learned many things like about fundamental of microbiology Man teaching is very good
14	PAVITHRA V	I learned about the microbiology and I learn many things in the class Fundamentals of microbiology.
15	RAMYA A	we learned about fundamental and introduction of micro biology.

16	SAADHANA T	The information we collect through the bridge course was very useful for further learning and jobs.
17	SIVARANJANNI M	Through those sessions, I started to know the job opportunity in this field, also know about many microorganisms & their characteristics.
18	SUBHASHINI S	I learn many things and information about microbiology which is very useful.
19	SUJATHA V	The information we collect through bridge course was very useful for learning and jobs.
20	SUNEHRA ANAM M	Learn many things and it was quite interesting to know more about the course we selected in bridge course.
21	VIDHYA S	Learn many information in the class and I learn many things and learn about my job.
22	YOGAVATHI R	I learn many more about microbiology this is very useful.
23	YUVARANI S	I learn many things and information about the fundamental of microbiology which is useful.
24	SUGANYA D	Learn many things in Fundamentals of microbiology mandam teaching very well interest the class and I like very much.
25	MUSHFIQUEA FATHIMA K A	Learn many things and it was quite interesting to know more about the course we selected in bridge course.
26	RAHILAA E	The information we collect through the bridge course was very useful for further learning and jobs.

M. Yashini
13/6/25
Class Incharge

HOD

Dean School of
Life Science

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