



Rajarshi Shahu Mahavidyalaya, Latur
(Empowered Autonomous Institution)
Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2025-26 (Term-I)

1. Details of Classes to be taught

Sr. No	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. II Sem III	Dr. R.B. Ade	Biotechnology	Applied Microbiology 201BI03301 (Minor-I)	45

2. Summary of Lesson

Sr. No	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test/ Assignment with topic and date
1.	Unit I : Soil, Water and Air microbiology	07	19.06.2025 to 05.07.2025	Group Discussion	
2	Unit II Food Microbiology and Preservation	15	06.07.2025 to 07.08.2025	Guest Lecture	Activity based CAT I Home Assignment
3	Unit III : Introduction to Medical Microbiology	13	08.08.2025 to 08.09.2025	Guest Lecture	Surprise Test and CAT II (open Book Test/MCQ)
4	Unit IV : Environmental and Agriculture Microbiology	10	09.09.2025 to 06.10.2025	Academic Visit	CAT III (MCQ)


Teacher
(Dr. R.B. Ade)


HOD
Head
Department of Biotechnology
Rajarshi Shahu Mahavidyalaya
(Autonomous) Latur-413 531


Principal
PRINCIPAL
Rajarshi Shahu Mahavidyalaya, Latur
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1. Details of Classes to be taught

Sr. No	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. III Sem V	Dr. R.B. Ade	Biotechnology	Ecology and Evolution 301BI05102 (DSC-X)	45

2. Summary of Lesson

Sr. No	Unit and chapter to be covered	Expected No. of Lectures	Date	Academic activities to be organized	No. of Test/ Assignment with topic and date
1.	Unit I : Ecological Fundamentals	10	23.06.2025 to 10.07.2025	Group Discussion	Online MCQ Test
2	Unit II Ecological dynamics	12	11.07.2025 to 08.08.2025	Guest Lecture	Activity based CAT I Home Assignment
3	Unit III : History and Theories of Evolution	13	09.08.2025 to 09.09.2025	Guest Lecture	Surprise Test and CAT II (open Book Test/MCQ)
4	Unit IV : Evolutionary trends	10	10.09.2025 to 10.10.2025	Academic Visit	CAT III (MCQ)


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Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)

Faculty of Science and Technology

Department of B.T.

Teaching Plan

Timetable Duration: **December 2025 to March 2026**

Name of the Teacher: **Ravindranath Ade**



Details of Classes to be taught

Class	Year	Semester	Division	Course Title	Course Level	Course Code	Total Teaching Hrs
BSC.BT II	Second	IV	A	Clinical Microbiology	DSC	201BIO4301	45

Summary of Lesson Plan

Unit No.	Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
I	UNIT I Medically important microorganism and their diseases	12	01/12/2025 To 31/12/2025	Group Discussion	CAT I
II	UNIT II Introduction to haematology and anticoagulants	13	06/01/2026 To 04/02/2026	Guest Lecture	CAT II
III	UNIT III Mycotic infections in Human	10	20/03/2026 To 06/03/2026	Career Counselling	Surprise Test
IV	Unit IV Clinical and laboratory diagnosis of Microbial diseases	10	10/03/2026 To 31/03/2026	Guest Lecture	CAT III

Teacher

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Faculty of Science and Technology

Department of B.T.

Teaching Plan

Timetable Duration: December 2025 to March 2026

Name of the Teacher: Ravindranath Ade



Details of Classes to be taught

Class	Year	Semester	Division	Course Title	Course Level	Course Code	Total Teaching Hrs
B.Sc. BT III	Third	VI	A	Environmental Biotechnology	DSC	301BIO6101	45

Summary of Lesson Plan

Unit No.	Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
I	UNIT I Waste Management Technology	12	01/12/2025 To 30/12/2025	Group Discussion	CAT I
II	UNIT II Bioremediation Technology	13	02/01/2026 To 30/01/2026	Guest Lecture	CAT II
III	UNIT III Environmental Issues	10	06/01/2026 To 28/02/2026	PPT	Open Book Test
IV	UNIT IV Remote Sensing and EIA	10	03/03/2026 To 27/03/2026	Field Visit	Surprise Test

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