



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

**Department of Biotechnology**  
**Structured Work Plan for Teaching**  
**Academic Year 2024-25 (Term-I)**


**1.Details of Classes to be taught**

Class	Name of Teacher	Subject	Course Title and Code	Lab Course and Code	Total Lectures
M.Sc. BT. I (I Sem.)	Dr. Sanghapal S. Kshirasagar	Biotechnol ogy	Biochemistry and Cell Biology  601BIO1101	Lab Course I  601BIO1104	45  (3-Credits)

**2.Summary of Lesson Plan**

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 1:  Carbohydrates, Lipids and Nucleic Acids	12	22.07.2024  to  10.08.2024	Quiz	Online MCQ Test
2	Unit II:  Amino acids and Proteins	10	12.08.2024  to  31.08.2024	Coaching for NET/SET Examination	Activity based Unit Test-I 12.08.2024
3	Unit III:  Cell Signaling	10	02.09.2024  to  21.09.2024	Academic Visit	Surprise Test
4	Unit IV:  Cell Cycle and Cell division	13	23.09.2023  to  14.10.2023	Soft Skills	Unit Test II (MCQ) 23.09.2024

Date:24 June,2024

  
Course Teacher

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

  
Principal  
**PRINCIPAL**  
Rajarshi Shahu Mahavidyalaya, Latur  
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**Academic Year 2024-25 (Term-I)**


**1.Details of Classes to be taught**


Class	Name of Teacher	Subject	Course Title and Code	Lab Course and Code	Total Lectures
M.Sc. BT. II (III Sem.)	Dr. Sanghapal S. Kshirasagar	Biotechnol ogy	Plant & Agricultural Biotechnology		45  (3-Credits)


**2.Summary of Lesson Plan**

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 1:  Plant Resource Development	10	24.06.2024  to  18.07.2024	Quiz	Online MCQ Test
2	Unit II:  Plant Pathology	10	29.07.2024  to  14.08.2024	Coaching for NET/SET Examination	Activity based Unit Test-I 08.08.2024
3	Unit III:  Plant Biotechnology	12	16.08.2024  to  14.09.2024	Academic Visit	Surprise Test
4	Unit IV:  Agricultural Biotechnology	13	17.09.2023  to  14.10.2023	Soft Skills	Unit Test II (MCQ) 23.09.2024

Date:24 June,2024

  
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Teaching Plan

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Sanghpal Kshirsagar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. BT I year	A	Immunology & Immunotechniques	601BIO2102	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I: Introduction to Immunology	13	06/12/2024 To 08/01/2025	Quiz	Surprise Test
Unit II: Basics of Immunology	12	09/01/2025 To 07/02/2025	Coaching for NET/SET Examination	CAT I 27.01.2025
Unit III: Clinical Immunology	10	08/02/2025 To 07/03/2025	Academic Visit	Mid Term 01.03.2025
Unit IV: Immuno-techniques	10	08/03/2025 To 28/03/2025	Career Counselling	CAT II 24.03.2025

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HOD  
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Teaching Plan

Timetable Duration : December 2024 to March 2025

Name of the Teacher : **Sanghpal Kshirsagar**

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. BT II year	A	ENVIRONMENTAL BIOTECHNOLOGY	602BIO4201	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I: Ecology and Environment	12	06/12/2024 To 03/01/2025	Quiz	Surprise Test
Unit II: Environmental Pollution	10	05/01/2025 To 24/01/2025	Coaching for NET/SET Examination	CAT I 27.01.2025
Unit III: Biotechnological processes	15	25/01/2025 To 07/03/2025	Academic Visit	Mid Term 01.03.2025
Unit IV : Advancement in environmental technology	8	08/03/2025 To 28/03/2025	Career Counselling	CAT II 24.03.2025

Teacher

HOD

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