



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
B.Sc. BT. III (V Sem.)	M <sup>y</sup> . S. M. Bansode	Biotechnology	Microbial Technology U-MIT-628	Lab Course XVIII U-LAC-634	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	<b>Unit I:</b> Microbial Growth	10	03.07.2024 to 02.08.2024	Quiz	Online MCQ Test
2	<b>Unit II:</b> Down Stream Processing	13	07.08.2024 to 28.08.2024	Coaching for Entrance Examination (IIT JAM, JNU etc.)	Activity based Unit Test-I Home Assignment 06.08.2024
3	<b>Unit III:</b> Fermentation Processes	11	29.08.2024 to 19.09.2024	Workshop	Surprise Test
4	<b>Unit IV:</b> Quality Control, Process Economics and GLP	11	20.09.2024 to 11.09.2024	Guest Lecture	Unit Test II (MCQ) 23.09.2024

  
Course Teacher

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

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

Class	Name of Teacher	Subject	Course Title and Code	Lab Course and Code	Total Lectures
B.Sc. BT. II (III Sem.)	Mr. S. M. Bansode	Biotechnology	Dairy Technology	SEC- III	15 (2-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	<b>Unit I:</b> Introduction to Milk	03	22.07.2024 to 02.08.2024	Quiz	Online MCQ Test
2	<b>Unit II:</b> Chemistry of milk lactose	04	07.08.2024 to 28.08.2024	Coaching for Entrance Examination (IIT JAM, JNU etc.)	Activity based Unit Test-I Home Assignment 06.08.2024
3	<b>Unit III:</b> Market milk industry	04	29.08.2024 to 19.09.2024	Workshop	Surprise Test
4	<b>Unit IV:</b> Milk products	04	20.09.2024 to 11.09.2024	Guest Lecture	Unit Test II (MCQ) 23.09.2024

  
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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.)	Mr. S. M. Bansode	Biotechnology	Bioinstrumentation and Emerging Techniques 601BIO1103	Lab Course III 601BIO1106	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 I: Microscopy and Centrifugation	12	15.07.2024 to 05.08.2024	Quiz	Online MCQ Test
2	Unit II: Chromatography and Electrophoresis	13	06.08.2024 to 27.08.2024	Coaching for Entrance Examination (IIT JAM, JNU etc.)	Activity based Unit Test-I Home Assignment 06.08.2024
3	Unit III: Spectroscopy and Radioactivity	11	31.08.2024 to 21.09.2024	Workshop	Surprise Test
4	Unit IV: Emerging Techniques	09	23.09.2024 to 14.10.2024	Guest Lecture	Unit Test II (MCQ) 23.09.2024

  
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