



**Rajarshi Shahu Mahavidyalaya, Latur**  
**(Autonomous)**


**Department of Biotechnology**  
**Structured Work Plan for Teaching**  
**Academic Year 2023-24 (Term-I)**

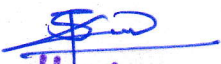
**1. Details of Classes to be taught**

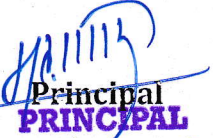
Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. III SEM V	Dr. S. S. Kulkarni	Biotechnology	<b>Course Title:</b> R-DNA Technology <b>Course Code:</b> U-RDT-627	45 ( 3 Credits)

**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: Principles of Gene Cloning	10	05-07-23 To 02-08-23		
2.	Unit II: R-DNA techniques	12	03-08-23 To 29-08-23	Quiz	Unit Test-I
3.	Unit III: Library construction and screening	12	30-08-23 To 22-09-23		Unit Test-II
4.	Unit IV: Applications of R-DNA technology	11	29-09-23 To 18-10-23	Guest Lecture	

  
Course Teacher

  
Head  
Department of Biotechnology  
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Principal  
PRINCIPAL  
Rajarshi Shahu Mahavidyalaya, Latur  
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Shiv Chhatrapati Shikshan sanstha's  
**Rajarshi Shahu Mahavidyalaya, Latur**  
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**Department of Biotechnology**  
**Structured Work Plan for Teaching**  
**Academic Year 2023-24 (Term-II)**


**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 (VI Sem.)	Dr. S.S. Kulkarni	Biotechnology	Computational Biology U-COB-727	Lab Course XXIII U-LAC-733	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: Introduction to bioinformatics and data generation	13	06.12.2023 to 02.01.2024	Group Discussion	Online MCQ Test
2	Unit II: Biological Database and its Types	12	08.01.2024 to 30.01.2024	Group Discussion	Activity based Unit Test-I 19.01.2024
3	Unit III: Sequence Alignments and Visualization	10	31.01.2024 to 27.02.2024	Group Discussion	Surprise Test
4	Unit IV: Introduction to Genomics and Proteomics	10	28.02.2024 to 29.03.2024	Group Discussion	Unit Test-II (M.C.Q) 06.03.2024

Date:05 December,2023

  
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