

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. II SEM I	Dr. R.B. Ade	Biotechnology	Course Title: Applied Microbiology	45 (3 Credits)
				Course Code: U-APM- 398	

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.	14	26-06-23 To 20-07-23		
2.	Unit II: Food Microbiology	12	24-07-23 To 14-08-23	Quiz	Unit Test-I
3.	Unit III: Medical Microbiology	08	17-08-23 To 31-09-23		Unit Test-II
4.	Unit IV: Agricultural and Environmental Microbiology	11	04-09-23 To 30-09-23	Quiz	

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

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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.BT. III SEM V	Dr. R.B. Ade	Biotechnology	Course Title: Animal Biotechnology	45 (3 Credits)
	- 			Course Code: U- ANB- 629	

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: Introduction to Animal tissue culture and its application	18	26-06-23 To 26-07-23		
2.	Unit II: Introduction to Vaccine production, Phage	10	27-07-23 To 11-08-23		Unit Test-I
	display technique and related Techniques.				
3.	Unit III: Selection, screening and analysis of recombinants.	09	14-08-23 To 30-08-23	Guest Lecture	
4.	Unit IV: Vector Engineering and codon optimization,	08	31-08-23 To 18-09-23		Unit Test II

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

Principa PRINCIPAL Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)



Shiv Chatrapati Shikshan Sanstha's Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Biotechnology Structured Work Plan for Teaching Academic Year 2023-24 (Term-II)

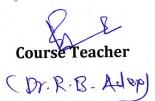
1. Details of Classes to be taught

Sr.	Class	Name of Teacher	Subject	Paper	Total
No.	Class	Itume of Federici			Lectures
1.	B.Sc. II	Dr. R. B. Ade	Biotechnology	Biodiversity and	45(3 Credit)
8				Systematics	

2. Summary of Lession

Sr. No.	Unit and	Expected	Date	Academic	No. of
	chapter to be covered	No. of Lectures		activities to be organized	test/Assignment with topic and date
1.	Unit I: What is biodiversity and concepts in biodiversity	12	6-12-23 To 27-12-23	Career Guidance	
2.	Unit II: Problems in Biodiversity and responsible reasons for loss	10	2-01-24 To 17-01-24	Guest Lecture	Unit Test-I
3.	Unit III: Conservation initiative and strategies with Laws	12	20-01-24 To 8-02-24		
4.	Unit IV: Introduction to Taxonomy of plants and animals and new approaches.	11	11-02-24 To 29-03-24	Field Visit and Industrial visit	Unit Test II

Date: 05.12.2023



Head Head

Department of Biotechnology

PRINCIPAL Rajarshi Shahu Mahavidyalaya, Latur 120



Shiv chhatrapati Shikshan Sanstha's Rajarshi Shahu Mahavidyalaya, Latur (Autonomous) Department of Biotechnology Structured Work Plan for Teaching Academic Year 2023-24 (Term-II)

1. Details of Classes to be taught

Sr.No.	Class	Name of Teacher	Subject	Paper	Total
					Lectures
1.	B.Sc. III	Dr. R. B. Ade	Biotechnology	Biodiversity	45(3 Credit)
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			and	
-				systematics	

2. Summary of Lession

Sr.No.	Unit and	Expected	Date	Academic	No. of
51.100.	chapter to be	No. of	Date	activities to	test/Assignment
	covered	Lectures		be organized	with topic and
		200000.00		beergunizeu	date
1.	Unit I:	12	6-12-23	Career	
	Introduction to		То	Guidance	
	Biodiversity		27-12-23		
2.	Unit II:	10	2-01-24	Guest	Unit Test-I
	Biodiversity loss and		То	Lecture	
	problems		17-01-24		
3.	Unit III:	12	20-01-24		
	Biodiversity Conservation		То		
	and Laws		8-02-24		
4.	Unit IV:	11	11-02-24	Field Visit	Unit Test II
	Systematics: Conventional		То	Herbarium preparation	
	and Modern	e ser Star e ser	29-03-24		
	approaches and its				
	importance				

Date: 05.12.2023

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

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