

Shiv Chhatrapati Shikshan Sanstha's



Rajarshi Shahu Mahavidyalaya, Latur

(Autonomous)

Department of Biotechnology

Structured Work Plan for Teaching

Academic Year 2021-22 (Term-I)


1. Details of Classes to be taught


Sr.No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. II	Dr. R. B. Ade	Biotechnology	Applied Microbiology	45 (3 Credit)

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	12	18-07-21 To 10-08-21	Career Guidance	
2.	Unit II: Food Microbiology	10	11-08-21 To 10-09-21	Guest Lecture	Unit Test-I
3.	Unit III: Medical Microbiology	13	12-09-21 To 05-10-21		
4.	Unit IV: Application of Agriculture, Environmental Microbiology, Waste water Microbiology:	10	06-10-21 To 10-11-21	Field Visit, Herbarium preparation	Unit Test II

Date: 20.06.2021


Course Teacher


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


Principal
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Department of Biotechnology

Structured Work Plan for Teaching

Academic Year 2021-22 (Term-I)

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	Animal Biotechnology	45 (3 Credit)

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: Animal tissue culture laboratory and techniques	12	18-07-21 To 10-08-21	Career Guidance	
2.	Unit II: Hybridoma technology and Vaccine production and applications	10	11-08-21 To 10-09-21	Guest Lecture	Unit Test-I
3.	Unit III: Veterinary Biotechnology and transgenic technology	13	12-09-21 To 05-10-21		
4.	Unit IV: Therapeutic protein production, Identification of animal species by modern approaches	10	06-10-21 To 10-11-21	Field Visit Herbarium preparation	Unit Test II

Date: 20.06.2021

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**Rajarshi Shahu Mahavidyalaya, Latur
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**Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2021-22 (Term-II)**

1. Details of Classes to be taught

Sr. No.	Class	Name of Teacher	Subject	Paper	Total Lectures
1.	B.Sc. II	Dr. R. B. Ade	Biotechnology	Plant Biotechnology	45(3 Credit)

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:Plant Breeding	12	16-12-21 To 29-12-21	Career Guidance	
2.	Unit II:Introduction to Plant Tissue Culture	10	30-12-21 To 15-01-22	Guest Lecture	Unit Test-I
3.	Unit III:Plant tissue culture Media	13	16-01-22 To 29-02-22		
4.	Unit IV:Techniques in Plant Tissue Culture and Applications	10	01-03-22 To 15-04-22	Field Visit and Industrial visit	Unit Test II

Date: 09.12.2022


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**Department of Biotechnology
Structured Work Plan for Teaching
Academic Year 2021-22 (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 and systematics	48(3 Credit)

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 Biodiversity	12	17-12-21 To 30-12-21	Career Guidance	
2.	Unit II: Biodiversity loss and problems	10	31-12-21 To 15-01-22	Guest Lecture	Unit Test-I
3.	Unit III: Biodiversity Conservation and Laws	12	16-01-21 To 30-02-21		
4.	Unit IV: Systematics: Conventional and Modern approaches and its importance	10	31-02-22 To 15-04-22	Field Visit Herbarium preparation	Unit Test II

Date: 09.12.2022


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