



Shiv Chhatrapati Shikshan Sanstha's
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

Class	Name of Teacher	Subject	Course Title and Code	Lab Course and Code	Total Lectures
B.Sc. BT. II (III Sem.)	Ms. Swati G. Swami	Biotechnology	Molecular Biology U-MET-400	Lab Course XI U-LAC-404	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: Genome organization and Replication of DNA	10	27.06.2023 to 16.07.2023	Quiz	Online MCQ Test
2	Unit II: From Gene to Transcriptome	12	17.07.2023 to 08.08.2023	Coaching for Entrance Examination (IIT JAM, JNU etc.)	Activity based Unit Test-I Home Assignment 07.08.2023
3	Unit III: Gene Expression and Regulation	08	09.08.2023 to 04.09.2023	Workshop	Surprise Test
4	Unit IV: DNA Damage and Repair Mechanism	15	05.09.2023 to 14.10.2023	Guest Lecture	Unit Test II (MCQ) 23.09.2023

Course Teacher

Head
Department of Biotechnology
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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. I (I Sem.)	Ms. Swati G. Swami	Biotechnol ogy	Cell Biology	Lab Course I	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 Cell biology and types of Cells.	07	11.07.2023 to 01.08.2023	Induction Programme.	Online MCQ Test
2	Unit II: Cell organelles and cytoskeleton	15	02.08.2023 to 27.08.2023	Quiz	Activity based Unit Test-I 07.08.2023
3	Unit III: Membrane Transport	13	28.08.2023 to 22.09.2023	Guest Lecture	Surprise Test
4	Unit IV: Cell cycle and Cell-cell communication.	10	23.09.2023 to 14.10.2023	workshop	Unit Test II (MCQ) 23.09.2023

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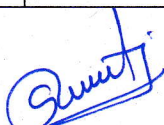
Department of Food Processing Technology
Structured Work Plan for Teaching
Academic Year 2023-24 (Term-II)


1.Details of Classes to be taught


Class	Name of Teacher	Subject	Course Title and Code	Total Lectures
B.Voc. FPT III Yr. (VI Sem.)	Ms. Swati G. Swami	Food Processing Technology	Introductory Biotechnology U-IDB-753	60 (4-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 Biotechnology	15	06.12.2023 to 01.01.2024	Group Discussion	Unit Test I
2	Unit II: Studying life	15	02.01.2024 to 27.01.2024	Quiz	Unit Test II
3	Unit III: Basics of plant science	15	29.01.2024 to 23.02.2024	Guest Lecture	Surprise Test
4	Unit IV: Life processes in animals.	15	24.02.2024 to 29.03.2024	workshop	


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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. I (II Sem.)	Ms. Swati G. Swami	Biotechnology	Biochemistry 101BIO2101	Lab Course III 101BIO2103	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: Nucleic acids and Hormones	12	12.12.2023 to 06.01.2024	Group Discussion	CAT-1
2	Unit II: Carbohydrates and Lipids	10	08.01.2024 to 01.02.2024	Quiz	Unit Test II
3	Unit III: Amino acids and Proteins	10	03.02.2024 to 28.02.2024	Guest Lecture	Surprise Test
4	Unit IV: Vitamins and Minerals	13	29.02.2024 to 29.03.2024	workshop	CAT -2


Course Teacher
Ms. S. G. Swami


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