



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. I (I Sem.)	Ms. Swati G. Swami	Biotechnology	Cell Biology 101BIO1101	Lab Course I 101BIO1103	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	07	03.07.2024 to 22.07.2024	Group Discussion	CAT-1
2	Unit II: Cell organelles and Cytoskeleton	13	23.07.2024 to 16.08.2024	Quiz	Unit Test II
3	Unit III: Membrane Transport	15	17.08.2024 to 04.19.2024	Guest Lecture	Surprise Test
4	Unit IV: Cell cycle and Cell-cell communication	10	03.10.2024 to 24.10.2024	workshop	CAT -2


Course Teacher


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1.Details of Classes to be taught

Class	Name of Teacher	Subject	Course Title and Code	Total Lectures
M.Sc. BT. II (III Sem.)	Ms. Swati G. Swami	Biotechnology	Advance Pharmaceutical Biotechnology	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: Chemotherapeutic Agents and Antibiotics	08	09.07.2024 to 23.07.2024	Group Discussion	CAT-1
2	Unit II: Antibacterial, Antifungal and Antiviral Drugs	12	24.07.2024 to 16.08.2024	Guest Lecture	Unit Test II
3	Unit III: Drug Discovery, Development and Targeting	14	17.08.2024 to 14.09.2024	workshop	Surprise Test
4	Unit IV: Clinical Trials, Regulatory Guidelines and Pharmacopoeia.	11	16.09.2024 to 24.10.2024	Quiz	CAT -2


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Class	Name of Teacher	Subject	Course Title and Code	Total Lectures
M.Sc. BT. I (I Sem.)	Ms. Swati G. Swami	Biotechnology	Bioinformatics 601BIO1201	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: Fundamentals of Bioinformatics	12	18.07.2024 to 05.08.2024	Group Discussion	CAT-1
2	Unit II: Sequence Alignment	13	06.08.2024 to 23.08.2024	Guest Lecture	Unit Test II
3	Unit III: Protein Structure, Function, Prediction and Analysis	11	24.08.2024 to 09.09.2024	workshop	Surprise Test
4	Unit IV: Omics Technologies	09	10.09.2024 to 24.10.2024	Quiz	CAT -2


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