



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)

Department of B.T.

Teaching Plan

Timetable Duration: July 2025 to November 2025

Name of the Teacher: Karuna Komatwar

Details of Classes to be taught

Class	Division	Course Title	Course Code	Total Teaching Hrs
B.Sc. BT II	A	Immunology & Virology	201BIO3101	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I: Overview of Immunology	11	19/06/2025 To 12/07/2025	Quiz	Online MCQ Test
Unit II: Basics of Immunology	13	14/07/2025 To 08/08/2025	Coaching for Entrance Examination (IIT JAM, JNU etc.)	Activity based CAT-I Home Assignment 26.07.2025
Unit III: Introduction to Viruses	10	13/08/2025 To 08/09/2025	Workshop	Mid Term Exam (MCQ): 11.08.2025
Unit IV: Life Cycle of Viruses	11	12/09/2025 To 08/10/2025	Guest Lecture	CAT II: 30.09.2025



Teacher



HOD
Head

Department of Biotechnology
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(Autonomous) Latur-413 531



PRINCIPAL

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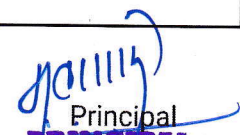
Class	Division	Course Title	Course Code	Total Teaching Hrs
M.Sc. BT II	A	Microbial Physiology & Metabolism	601BIO1102	45

Summary of Lesson Plan

Unit and Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
Unit I: Microbial World	9	14/07/2025 To 05/08/2025	Quiz	Online MCQ Test
Unit II: Microbial Nutrition & Physiology	10	06/08/2025 To 22/08/2025	Coaching for Entrance Examination (IIT JAM, JNU etc.)	Activity based CATI Home Assignment 26.07.2025
Unit III: Metabolic Diversity I	13	23/08/2025 To 12/09/2025	Workshop	Mid Term Exam (MCQ): 11.08.2025
Unit IV: Metabolic Diversity II	13	13/09/2025 To 07/10/2025	Guest Lecture	CAT II: 30.09.2025


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Faculty of Science and Technology
Department of B.T.

Teaching Plan

Timetable Duration: December 2025 to March 2026

Name of the Teacher: Karuna Komatwar



Details of Classes to be taught

Class	Year	Semester	Division	Course Title	Course Level	Course Code	Total Teaching Hrs
B.Sc. BT III	Third	VI	A	Pharmaceutical Biotechnology	DSE	301BIO6201	45

Summary of Lesson Plan

Unit No.	Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
I	Production of Pharmaceuticals by Genetically engineered cells	10	05/12/2025 To 27/12/2025	Quiz	Online MCQ Test
II	Antibodies in Research, Diagnostics and Therapies	12	29/12/2025 To 24/01/2026	Coaching for Entrance Examination (IIT JAM, JNU, etc.)	Activity based CAT I Home Assignment 01.01.2026
III	Advanced delivery systems, Tissue Engineering and Stability in Biotechnology: Concepts and Challenges	13	02/02/2026 To 24/02/2026	Workshop	Surprise Test and CAT II (Open Book Test/MCQ) 27.01.2026
IV	Innovation in Diagnostic tools and Biotechnology products: Enzymes, Biosensors and Future Therapies	10	25/02/2026 To 31/03/2026	Guest Lecture	CAT III (MCQ) 03.03.2026



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Faculty of Science and Technology

Department of B.T.

Teaching Plan

Timetable Duration: **December 2025 to March 2026**

Name of the Teacher: **Karuna Komatwar**



Details of Classes to be taught

Class	Year	Semester	Division	Course Title	Course Level	Course Code	Total Teaching Hrs
M.Sc. BT II	Second	IV	A	Clinical Research, IPR, Bio-Entrepreneurship & Start Up	MMC	602BIO4102	45

Summary of Lesson Plan

Unit No.	Chapter to be Covered	Expected No. of Lectures	Date	Academic activities to be Organized	No. of Test / Assignment
I	Introduction to Clinical Research	10	05/12/2025 To 30/12/2025	Quiz	Online MCQ Test
II	IPR	15	31/12/2025 To 24/01/2026	Coaching for Entrance Examination (IIT JAM, JNU, etc.)	Activity based CAT I Home Assignment 01.01.2026
III	General Pharmacology	10	02/02/2026 To 25/02/2026	Workshop and Hands On Training	CAT II (Open Book Test/MCQ) 27.01.2026
IV	Bio-entrepreneurship	10	26/02/2026 To 31/03/2026	Guest Lecture	CAT III (MCQ) 03.03.2026

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