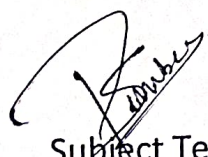


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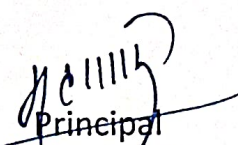
Name of the Faculty: S.S.Bembde
Subject: Microbiology
Class: M.sc I
Course Title: Enzyme Technology



Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Enzyme as a biocatalyst and Enzyme Engineering	12	18/7/2024 To 3/08/2024	Seminar	Class test
II	Enzyme Kinetics and Enzyme Inhibition	12	8/08/2024 To 31/08/2024	Quiz	Assignment
III	Extraction and Purification of Microbial Enzyme	12	5/09/2024 To 27/09/2024	Poster Presentation	Assignment
IV	Immobilization and Applications of Microbial enzymes	09	28/09/2024 To 24/10/2024	PPT Presentation	Class test


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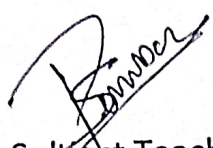

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Name of the Faculty: S.S.Bembde
Subject: Microbiology
Class: M.sc II
Course Title: Quantitative Biology

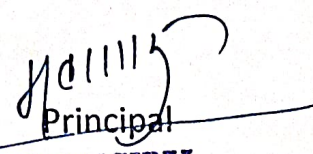


Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Introductory biostatistics and Measures of Central Tendency	12	15/7/2024 To 7/08/2024	Seminar	Class test
II	Tests of Significance and Designing of Experiment	12	12/08/2024 To 9/09/2024	Poster Presentation	Assignment
III	Computer: Introduction and applications	12	10/09/2024 To 8/10/2024	Quiz	Assignment
IV	Research Methodology	09	09/10/2024 To 24/10/2024	PPT Presentation	Class test


Subject Teacher


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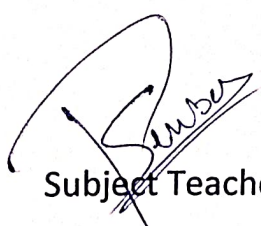

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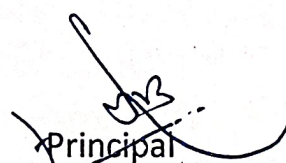


Name of the Faculty: S.S.Bembde
 Subject: Microbiology
 Class: B.sc III
 Course Title: Industrial Microbiology

Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Introduction to Industrial microbiology and fermentation processes	09	09/12/2024 To 31/12/2024	Seminar	Class test
II	Isolation of industrially important microbial strains and formulation of fermentation media	12	1/01/2025 To 29/01/2025	Poster Presentation	Assignment
III	Down stream processing	12	3/02/2025 To 4/03/2025	Quiz	Assignment
IV	Microbial production of industrial products	12	5/03/2025 To 29/03/2025	PPT Presentation	Class test


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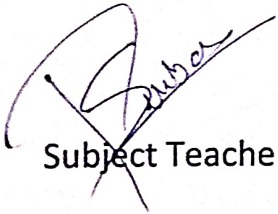
Name of the Faculty: S.S.Bembde

Subject: Microbiology

Class: M.sc II

Course Title: Medical and Pharmaceutical Microbiology

Unit	Chapter to be covered	No. of Lectures	Date	Academic activities to be organized	Test/ Assignment
I	Antibiotics, synthetic antimicrobial agents	12	05/12/2024 To 28/12/2024	Seminar	Class test
II	Microbial production and spoilage of pharmaceutical products	12	2/01/2025 To 25/01/2025	Poster Presentation	Assignment
III	Regulatory practices, biosensors and applications in pharmaceuticals	12	30/01/2025 To 27/02/2025	Quiz	Assignment
IV	Quality assurance and validation	09	28/02/2025 To 27/03/2025	PPT Presentation	Class test


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