

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2020 - 2021

Term : Ist / IInd

Name of the Teacher : Ms. Nadaf Salama Hanen

Department : Biotechnology
(Optional)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc I	Sem I	Basics of Biotech I			
	Paper I	1) Scope of Biotech 2) Vitamin 3) Carbohydrate 4) Lipid	All topics are covered Carbohydrates, protein, lipid	-	
	Paper II	Basics of Biotech II			
		1) Cell disruption 2) Basic biochemical technique 3) Microscopy 4) Sterilization	All topics are covered	-	
	Practical	Related to Biochem	All practicals related		

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Year : 2020 - 2021

Term : Ist / IInd

Name of the Teacher : Ms. Nadaf Salama Hazun

Department : Biotechnology (C)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc I	Sem II Cell Biology Genetics	Unit I Cell biology Unit II Genetics	All topics covered with cell biology & genetics	-	
	Practicals	Related practicals are allotted to cell biology	Practicals are completed	-	
BSc III	Sem VI Advances in Biotech	1) Basic technique in Biochemistry 2) Electrophoresis 3) Chromatography 4) Spectroscopy	All allotted syllabus is completed	-	

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STATEMENT OF SYLLABUS COVERED

Year : 2020 - 2021

Term : Ist / IInd

Name of the Teacher : Miss. Meenal Ulape

Department : Biotechnology (Optio

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc.III	Plant Biotech	PTC scope Application Culture Media Aseptic Techniques Callus Culture Embryogenesis & Organogenesis	All topics are covered	-	
BSc.II	Molecular Biology	History Replication Transcription Translation DNA Damage & Repair	All topics are covered	-	
		All allotted practicals	Completed	-	

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2020 - 2024

Term : Ist / IInd

Name of the Teacher : Miss. Meenal Ulape

Department : Biotechnology (Optional)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc. III	Animal Tissue Culture	History Sterilization Media Concepts Culture Technique	} All syllabus completed	-	
		Practicals assigned to ATC			
	Advances in Biotech	DNA fingerprinting Gene Therapy Antisense therapy	} All completed	-	

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Meenal Ulape

Signature of the teacher

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2020-2021

Term : Ist / IInd

Name of the Teacher : Ms. Asmita B. Sanmukh

Department : Biotechnology (Optional)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc. I Sem I	Biotechnology Theory Fundamentals of Biotech.	1) Sterilization 2) Microscopy	} All covered	—	
	Practical: Related Microbiology		- all covered	—	
B.Sc II	Theory large scale fermentor, Manufacturing process	Sterilization Components in fermentor media, Preservation	} All para covered	—	

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc III	Theory	Types of fermentation	} covered.		
SI	Large Scale manufacturing process	Scale up, Use of Computer Qualitative & Quantitative assays Credit ±			
STI	Large Scale Manufacturing Process	Metabolites Fermented food, Products Microbial biomass prod ⁿ .	} covered		
		Production of recombinants fermentation Economics.			
	Practicals	microbiology.	— covered		

[Signature]

(Signature of the Head of Dept.)



HEAD
DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

[Signature]

(Signature of the Teacher)

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2020-2021

Term : Ist / IInd

Name of the Teacher : Ms. Anurita B. Sanmukh

Department : Biotechnology (Optional)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc I	Theory	Unit I - Basics of micro	} all covered		
Sem II	Microbiology	II cytology of bacteria			
	Practical	All microbiology Practical			
B.Sc II	Theory	I - Immune system	} covered.		
	Immunology	Techniques in immunology.			
		Practical -	All immuno		
B.Sc III	Cell Metabolism & Virology	Virology	} covered		

Anurita B. Sanmukh
HEAD

DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)

Anurita B. Sanmukh
Signature of teacher.