

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2021 - 2022

Term : Ist / IInd

Name of the Teacher : Miss. Mxunal Patil

Department : Biotechnology

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc III	Biotechnology	History Sterilization	All syllabus completed	-	
	Animal Tissue Culture	Media Concepts Culture Techniques	Media, Sterilization culture technique		
		Practicals assigned to ATC	All covered	-	
	Advances in Biotechnology	DNA fingerprinting Gene Therapy Antisense Therapy	Fingerprinting } All Therapy } covered	-	



(2)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
	Bioinformatics	HTTP, WAN, HTML, LAN, MAN, NCBI, EBI, Entrez, DB Get, HGP Nucleic acid Database Homology modelling	NCBI protein Database Nucleic acid Database Human Genome Project	All covered	-

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(Signature of the Head of Dept.)

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



[Signature]
(Signature of the Teacher)

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2021 - 2022

Term : Ist / IInd

Name of the Teacher : Miss. Meenal Patil

Department : Biotechnology

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

(2)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BScI	Basics	Protein			
	of	Amino acids	Alloted &		
	Biotech	Alloted	Covered all		
			topics completed		

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(Signature of the Teacher)



VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2021 - 2022


Term : Ist / IInd

Name of the Teacher : Miss Nadaf Sarma ~~Haren~~

Department : Biotechnology (Optional)


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

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc III Sem VI	Cell metabolism and Virology	1) Carbohydrate metabolism 2) Lipid metabolism 3) protein metabolism 4) Virology	✓		—


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VIVEKANAND COLLEGE, KOLHAPUR
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(Signature of the Teacher)

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2021 - 2022

Term : Ist / IInd

Name of the Teacher : Ms. Jadhav A.A.

Department : Biotechnology (Optional)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.Sc I Sem II	Microbiology	Unit I - Basics of micro. Unit II - Cytology of bacteria All related practical	All topics are covered. All assigned practicals are covered.		
B.Sc II Sem III	Immunology	Unit I - Immunesystem Unit II Tech in Immunology. All practical related to Immunology	All topics are covered Assigned practicals of immunology are completed		
B.Sc III	Cell and Tissue Biology	Virology related.	Virology completed.		

(Signature)

Head

Department of Biotechnology (Optional)
Vivekanand College, Kolhapur (Autonomous)



MS

(Signature of teacher)

VIVEKANAND COLLEGE, KOLHAPUR. (Autonomous)

STATEMENT OF SYLLABUS COVERED

Year : 2021 - 2022

Term : Ist / IInd

Name of the Teacher : Ms. Nadaf Salama Harun.

Department : Biotechnology (Opto)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc 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 are assigned	All practicals related to Biochem are completed	-	

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc II	Sem III	1) Basics of enzyme			
	Enzyme technology	2) Km and 3) Immobilization 4) Biosensor	All topics of enzyme technology are covered	-	
	Practical	All assigned practicals are of enzymology	All assigned practicals are completed	-	
BSc III		All P			

(Signature of the Head of Dept.)

HEAD
DEPARTMENT OF BIOTECHNOLOGY (OPTIONAL)
VJEGARANDI COLLEGE, KOLHAPUR
(W. DISTRICT)



(Signature of the Teacher)

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2021 - 2022

Term : Ist / IInd

Name of the Teacher : ~~Ms. Jagatshri D.A.~~ Ms. A. A. Jadhav. Department : Biotech (opt)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSC I sem II	Theory Microbiology	Unit I - Basics of Micro II - Cytology of bacteria	} covered	-	
	Practical -	All-micro-bio.			
BSC II	Theory Immunology	I - Immune system II - Tech ^s in Immunology	} covered	-	
	Practical -	All-immuno			
BSC III	Cell Metabolism & Virology	Virology	- covered	-	

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VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



AAJ
(Signature of Teacher)

