

VIVEKANAND COLLEGE, KOLHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2019 - 2020

Term : Ist / IInd

Name of the Teacher : Mu. S.H. Nadaf

Department : Biotech (opt.)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc I	Sem I Paper I	Basics of biotech I	} Covered	-	
		1) Scope of biotech			
		2) Vit.			
		3) Carbs			
		4) Lipids			
	Paper II	Basics of Biotech II	} Covered	-	
		1) Cell disrupt ⁿ			
		2) Basic Biochemical			
		3) Microscopy			
		4) Steriliza ⁿ			
	Practicals	All - Biochem	Completed	-	

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Year : 2019 - 2020

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Name of the Teacher : Ms. Muzumal Ulope Department : Biotechnology (opt.)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc III	PBT Theory	Scope of PTC, Culture media Aseptic tech ⁿ , Callus Embryogenesis & organogenesis	} covered.	-	
	Practicals	All - PBT	completed.		
BSc II	Theory Mol. Bio	History, Replica ⁿ , Transcript ⁿ , Transla ⁿ , DNA damage & repair.	} all topics covered	-	
	Practicals	Mol. Bio - all	- completed.	-	

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Year : 2019 - 2020

Term : Ist / IInd

Name of the Teacher : Ms. ~~Ajayanti~~ D.A. Thanekar Gautami S. Department : Biotechnology (Opt)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
Bsc I	Biotechnology Theory Fundamentals of Biotech	1) Sterilization 2) Microscopy	All Covered	-	
	Practical	Related Microbiology	All covered	-	
B.Sc III	Theory Large Scale Manufacturing Process	Fermentor, Sterilization, Components in fermentation media, Preservation tech.	All para covered.	-	

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc III	Theory	Types of fermentation, Scale up, Use of computer, Qualitative & quantitative analysis.	} Covered.	-	
(SI)	Large Scale Manufacturing Processes	Credit 7			
(SII)	Large Scale Manufacturing Processes	Metabolites, Fermented food products, Microbial biomass prod ⁿ .	} Covered.	-	
		II Prod ⁿ of recombinants, fermenta ⁿ 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, KULHAPUR.

STATEMENT OF SYLLABUS COVERED

Year : 2019 - 2020

Term : Ist / IInd

Name of the Teacher : Ms. Asmita B. Sanmukh

Department : Biotech (Optional)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
BSc III	Plant Biotechnology	1) Waste water Treatment	} All syllabus covered	-	-
		2) Bio remediat ⁿ			
3) Biopesticides					
4) Bioleaching					
5) Biofertilizer					
	Practicals	Practicals assigned to are plant Biotech	Completed	-	
BSc II	Molecular Biology	Structure of DNA, RNA, protein Replication Transcription	} Completed	-	

1) BT
2) Protein
F1
3) Molec
I
4) Genes
- Gene
-
Genetics
F1
5) rDNA

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STATEMENT OF SYLLABUS COVERED

Year : 2019 - 2020

Term : Ist / IInd

Name of the Teacher : Ms. Thanekar Gautami S.

Department : Biotechnology (Opt)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
Bsc I	Microbiology	History Morphology Structure & Function Microbial Nutrition	} Syllabus Completed	-	
	Practicals	All assigned practicals	Completed		
		Concept of Sterilization Staining Techniques	} Completed	-	

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Name of the Teacher : Ms. Asmita B. Sanmukh

Department : Biotech (Optional)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
B.S.c II	e-DNA Technology	Introduction Vectors cDNA & genomic library Probes Blotting Technique PCR DNA sequencing technique Gene cloning	Syllabus completed	-	-
	Practicals	All practicals assigned	Completed	-	-

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Name of the Teacher : M. S. H. Nadaf

Department : Biotech (opt.)

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
Bsc I	Sem II	Unit I Cell. Bio	} covered	-	
	Cell. Bio by Genetics	II Genetics			
	Practicals	Cell Bio - all	completed	-	
Bsc III	Sem VI	1) Biochem Tech.	} covered	-	
	Adv. in Biotech	2) Basic tech in biochem			
		3) Electrophoresis			
		4) Spectroscopy			

Class	Subject	Syllabus Assigned	Syllabus Covered	Syllabus Not to Covered	Remarks
Bsc III sem VI	Cell. Metz & Virology	1) Carbohydrate metz 2) Lipid —a— 3) Protein —a— 4) Virology	} Covered	✓	
	Practical	— All —	Completed	✓	
	Gene tech.	Unit I Tech. in genetic Engg.	} Covered	✓	
		All practical & project			

(Signature of the Head of Dept.)

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(AUTONOMOUS)



(Signature of the Teacher)