## Department of Biochemistry Shivaji Collage Syllabus completed month wise Jan- April 2018

Name of the Teachers: Dr Jayita Thakur

	Genetic Engine	eering and Biotechnology	
Month	Topics Proposed	er VI (28/60 hours)	
	- spies 110posed	Topics Completed	Signature
Januar	Unit 6 Polymerase chain		Signature
	reaction	Unit 6 completed	11.
Februa			1700
	Unit 8 Expression of cloned	Unit 7 Completed	
	genes genes	Unit 8 Started	- 1
			1
March	Unit 8 Expression of cloned		0
	genes	Unit 8 Completed	
	Unit 9 Applications of genetic	Unit 9 Started	1
	engineering in Biotechnology		01
April	Unit 9 Applications of genetic	Unit 9 Completed	
	engineering in Biotechnology	Omi 9 Completed	Lar
		Proteins	¥
		-II (30/60 hours)	
January	Unit 2 Extraction of proteins for	Unit 2 Completed	
	downstream processing	- compreted	1 -
	Unit 3 Separation techniques	Unit 3 Started	1
ebruary	Unit 3 Separation techniques	Unit 3 Completed	1
	Unit 7 Protein folding and	Unit 7 Completed	
	conformational diseases		
larch	Unit 8 Introduction to protein	Unit 8 Completed	
	structure databases	Unit 9 Started	1
	Unit 9 Myoglobin and		
	haemoglobin		
*1		***	
ril	Unit 9 Myoglobin and	Unit 9 Completed	4 Table 19 5 30
	haemoglobin	Unit 10 Completed	-T-1
	Unit 10 Specialized proteins -		4
	antibodies and actin-myosin		6 3 3 7 2 3
	motors		

Month		Immunology ter VI (60/60 hours)	
1.10111	Topics Proposed	Topics Completed	Signature
January	Unit 1 Cells and organs of the immune system Unit 2 Innate immunity and leukocyte extravasation Unit 3 Immunogens and antigens	Unit 1 Cells and organs of the immune system Unit 2 Innate immunity and leukocyte extravasation Unit 3 Immunogens and	
Februar	Unit 4 Antibody structure and function Unit 5 Generation of receptor diversity Unit 6 Biology of the B lymphocyte	Unit 3,4, 5 & 6Completed	1
March	Unit 7 Complement system Unit 8 MHC complex and antigen presentation Unit 9 Biology of the T lymphocyte	Unit 7 & 8Completed Unit 9 Started	Jayl
	Unit 10 Cell mediated cytotoxic responses Unit 11 Tolerance, autoimmunity and hypersensitivity Unit 12 Transplantation immunology and vaccines	Unit 9, 10, 11 & 12 Completed	Jav

# Department of Biochemistry Shivaji Collage Syllabus completed month wise Jan- April 2018

Name of the Teachers: Dr Rashmi Wardhan

	Genetic Engine	ering and Biotechnology	
Month	Topics Proposed	(mair paper snared)	
B 101		1 opics Completed	Signature
January	(Unit 1 and 2)	Unit 1 and 2 Completed	
Februar	y Gene Cloning of vectors in prokaryotes (unit 2)	Unit 2 Completed	Mendhay
March	Cloning of genes in eukaryotes (unit 3)	Unit 3 Completed	Rosendhay Rosendhay Rosendhan
April	Joing of DNA fragments, various enzymes( unit 3 and 4)	Unit 3 and 4 Completed	Lisudhan
May	Insertional inactivation, methods for gene cloning identification (unit 5)	Unit 5 Completed	Ripudhay
	Gene organizatio	on replication and repair mester -IV	
January	Structure of DNA, genes and gene organization (unit 1)	Unit 1Completed	Rundhau
February	Nucleosomes, assembly, structure and organization (unit 1 and 2)	Unit 1 and 2 Completed	Rivardhau
March	Replication of DNA, chemistry,various modes of replication (unit 2 and 3)	Unit 2 and 3 Completed	Rwardhay
pril	Recombination and transposition (unit 4)	Unit 4 Completed	Rwardhan
lay	Mutations, repair and types (unit 5) and revision of syllabus	Unit 5 Completed	Rosendhay

#### Department of Biochemistry Shivaji Collage Teaching Plan, Jan- April 2018

Name of the Teachers: Dr Renu Baweja

		Nutritional Biod	chemistry	
Month	Unit	Topics Proposed	(Shared)	
January		"In oduction to vitamine Do	Topics Completed	Signature
	5	vitamins. Hypervitaminosis. Structure and Function of Vitamin A and Vitamin D.	Completed as proposed	Jem.
Februar	Unit	Structure and Function of Vitamin	Completed	
у	5	K and E. Introduction to water soluble vitamins. Structure and function of Vitamin B complex	Completed as proposed	Qun'
March	Unit	Structure and function of Vitamin	Completed as proposed	
	5 & Unit 3	C, folic acid and Vitamin B12. Introduction to lipids.	completed as proposed	Ren'
pril	Unit	EFA, MUFA, PUFA, SFA, Omega 3	Completed as areas	
	3	and Omega 6 Fatty acid. Role of saturated fats, TAG, Cholesterol and Lipoproteins. Lipotropic factors. Dietary implications of fats and oils.	Completed as proposed	Zun-

Human Physiology Semester IV (Shared)						
Month	Unit	Topics Proposed	Topics Completed	Signature		
January	Unit 1	Body fluid compartments, Homeostasis, Plasma, RBCs and molecular mechanisms of blood coagulation	Completed as proposed	Qur!		
Februar y	Unit 1	Role of Vitamin K in Clotting, anticoagulant and fibrinolytic system. Anemia, polycythemia, hemophilia and thrombosis	Completed as proposed	Rus"		
March	Unit 3	Mechanism of Respiration. Principles of gas exchange and transport.	Completed as proposed	for ,		
April	Unit 3	Regulation of respiration, Disorders of respiration	Completed as proposed	Rus		

		Prote Semester II	(Shared)	
Month	Unit	Topics Proposed	Topics Completed	Signature
January	Unit 1	Introduction to amino acids, peptides and proteins	Completed as proposed	Rur'
Februar y	Unit 5	Covalent structures of proteins	Completed as proposed	Que'
March	Unit 6	Three Dimensional structures of Proteins	Completed as proposed	lu.
April	Unit 4 Unit 11	Characterization of Proteins Membrane Proteins	Completed as proposed	Rin

## Department of Biochemistry Shivaji Collage Syllabus completed month wise Jan- April 2018 Name of the Teacher: Dr V. A. Pratyusha

Month	Topics Proposed	nes Semester II	
January	Unit 1 Introduction	Topics Completed	Signature
	Unit 3 Enzyme kinetics Unit 4 Bisubstrate reaction	Unit 1-4 Completed (by Dr. Ritika Grover)	Mary sha
February	Unit 5 Enzyme inhibition Unit 6 Mechanism of action of enzymes	Unit 5 Completed	- lasha
March	Unit 6 Mechanism of action of enzymes	Unit 6 and 7 Completed	4
April	Unit 7 Regulation of enzyme		HI-
Арт	Unit 8 Involvement of coenzymes in enzyme catalysed reactions Unit 9 Applications of enzymes	Unit 8 and 9 Completed	Mangara
lanuary	SEC-2 Protein Purificant	ion Techniques / Semester -IV	
	L. Sample,	Unit 1 started by Dr. Ritika Grover	aprelyses
ebruary	Ion-exchange chromatography. Gel filtration chromatography.		Mind was
larch	Affinity chromatography. Electrophoresis.	Unit 1 Completed	Magain
oril	Unit 2 Demonstration of High Performance Liquid Chromatography (HPLC)	Unit 2 Completed	Mulyuha

Month	MOLECULAR BASIS OF INFECTIO Topics Proposed	Topics Completed	Signature
January	Unit 2 Overview of diseases caused by bacteria	Unit 2 started by Dr. Ritika Grover)	Margara
February	Unit 2 Overview of diseases caused by bacteria	Unit 2 Completed	Margana
March	Unit 5 Overview of diseases caused by other organisms	Unit 5 Completed	Mulyin
April	Unit 3 Overview of diseases caused by Viruses	(Detailed study of AIDS, history, causative agent, pathogenesis, Diagnostics, Drugs and inhibitors.) Completed	Mugue

### Department of Biochemistry Shivaji Collage Syllabus Completed Month Wise Jan- April 2018

Name of the Teachers: Dr Nidhi Chaudhary

	Molecular Basis Of / Semester VI (b	alf paper shared)	
Month	Topics Proposed	Topics Completed	Signature
-	11 11 01 12		Signature
January	agents	Unit 1 Continued	Wider Chand
February	agents	Unit 1 Completed	
	Unit 3- Overview of diseases caused by Viruses		Oridin Chause
March	Unit - Overview of diseases caused by Viruses Unit 4- Overview of diseases caused by Parasites	Unit 3 Completed	Order Crond
April	Unit 4- Overview of diseases caused by Parasites	Unit 4 Completed	Judin Vie
	Metabolism Of Amino /Semester -IV(h	Acids And Nucleotides	
January	Unit 1 -Overview of amino acid metabolism	Unit 1Completed	pide Cha
February	Unit 2- Catabolism of amino acids	Unit 2 Completed	Linder Chay
March	Unit 3 - Biosynthesis of amino acids Unit 4 - Precursor functions of amino acids	Unit 3 Completed	hidrichen hidrichen
April	Unit 4 - Precursor functions of amino acids Unit 8 - Integration of metabolism	Unit 4 and 8 Completed	Widlin Char

#### 2018-2019 (Sem I, III and V)

				Teaching Plan for	the Acaden	nic Year :	
		Department :					
	S.No.	Name of the Teacher	Name of the Paper	Class/Semester	Month	Topics/Units Planned & Covered Covered	
		Dr. NEENA R. WADEHRA	Molecules of life Full paper Advanced cell Biology	SEM-I	July - August Sept	Unit I, Unit 3, Unit-5 - Molecules of the covered unit 5-Cell cycle overview discounting.  unit u - Lipido, unit 6 - Muclecaus covered in	
					Octa	Unit 7-Vitamini, unit 2-wales  OV and unit 1-revision covered in	tme
	1		Advanced Cell brobby unit 5 and 6	cemy	Sept Oct -NO	units - cell cycle-overview frequency covered in a meibre - event, ferthyation overed in a Regulation of cell duranteell grown.  Application of the cell over cell grown.  A population of the cell overview cells maintained covered in the	ine C
Dachui		Dr. Rashind	metabolim of cartro hydrali	Sem II	July	of actual termes denote one so embranes the tracetts thamps until ( what be they) Rosalbay Basser denoy unt 1, unit 2 ( hear) Rosalbay unt 1, unit 2 ( hear) Rosalbay	-
8. Rashmi NARDHAN		AS MARSHALL	4 sepreto		sept oct/Nov	unit 4 4 1/2 unit 5 course content on the Rome of the Rome Rome on the Rome Rome Rome Rome Rome Rome Rome Rom	Est Est
	2		Gane : Expression + Regulation	Falay Sem V	July	unit 2, unit 3 (continuation) Resarche	24_
					sept[	cuit 8 (1/2)  cut 4,5 +6 Revision Readlan	d

	Department:		Teaching Plan for t			
S.No.	Name of the Teacher	Name of the Paper	Class/Semester	Month	Topics/Units Planned	Covered
	Dr. Darshan Malik	Hormono:	TIL	July	Hormone mediated Signally	Hormone unedial
		Biochemistry & Function.	3	August	Hormon midical signally Thyroid hormons	Hormon medial
		unchon.		Septemb	* Hosmone regulating Cos+ homeostess Hosmone regulating Cos+ homeostess	Thyroid hormans
1				October	Reproductive hormones	Adrenals and reproductive how Rebroductive
				Novemb	Revision	hormone
1						
		membrane Brology &	TI	July	Introduction to Bromenhane Membrane Structure membrane Structures	Fintre le Priementre Membran Staclin Membrane Staclin
		Bioenergehis		Aug not Septemb	membran dynamics, memb 78 anspo	Membran dynam Membrane transp
				octobe		Phot Phopherylas
2				Novembe	Photo Phasphorylation	
	A English					
					siving Received on 109/2018 Jacobs 41912	218

		Teaching Plan f	Shivaji Coll or the academic yea Department: Bio	ege ar 2018-19 (July-Nove chemistry	ember) Ref	reelier Cours	e in lige Science 018.
S. No.	Name of the teacher	Paper	Semester	Month	Units Planned	4 m Aug 2 Units Covered	018.
4.	Dr. Jayita Thakur (was on leave for	Cell Biology		August	1	Hinished 1 Started 2	1-11
	refresher course, re-joined on 7 <sup>th</sup>			September	2	Finished 2	- Fr
	August 2018)			October	5	Finished 5	THE TR.
				November			
		Metabolism of carbohydrates		August	7	7 (3/4) 7 (1/4), 8, 9st 9"contel, 10"clay	37
		and lipids		September	8,9	7 (1/4), 8, 99	auted
				October	9,10	greater, 10th class	to Jak
		The State of the S		November	11	completed	AT.
		Concepts in Genetics		August	1, 2, 3, 7	1,2,3,7	TI
		Genetics		September	4, 6, 8, 10	4,6,8,10,	Sort
	13 30 30			October	4, 5, 9, 11	5,9,11	Jarl
	100000000000000000000000000000000000000			November	11, 12	1,2,3,7 4,6,8,10, 5,9,11	n.

				Teaching Plan for t	he Academ	ic Year :	
		Department : B	OCHENISTRY				
	S.No.	Name of the Teacher	Name of the Paper	Class/Semester	Month	Topics/Units Planned	Covered
			Hormone:	BSCCH) Blochemisky	July - Aug.	Unit-1: Introduction to endoanology	completed
		O D	Bio chemistry	II year,	sep+	Unit-3: Hypothalamus & Pituitasq	Continued
		Baweja	Hormone: Bio chemistry & Function		Sept-	Ponicatic &G.I tract of	S
	1	0			Nov	Growth factors.  Unit-1: History of development	completed
			Basic	BScCh ) Biochemistry	July-	11 nit - 2 · Murreity of Micsobal world.	continued
			Mucropiere	I Sem	Aug p sep-oct	Unit -3: Virolet, Prions, virusolt Unit -3: Viruses	R
e	-		1€C-1	B-20(+)	SULY	UNIT-3 (Virtual Laborer Brother)	Completed of
NTINU	211161	1 3-31-4	Tools LTellai	- LI FAYE	Augus		mpuried du
			Brokenisty		JEPT.	1 dutiens)	The windy
	2			BSCCHI	ידות ב	UNIT-1-Planna Membrane	UN17-1 Comp
			Advanual	BIOWEM	Un cult		Unit-2 Conti
				in relyr	JEPT.	GNIT-3 - Cytoskelland Climatin	1 tran
	1				007.	Advanced Methodom Cel Billy	atri.

			Teaching Plan for t	the Academ	Ne Your	
	Department :			- Coulcil	in teal .	
S.No.	Name of the Teacher	Name of the Paper	Class/Semester	Month	Topics/Units Planned 1 covered	Covered
1	Ms Usha Yadav	() SECI-TOOIS & techni- -ques in bioche () Basic Microbiology	SEMOD THY SEMV	PRACTIC SEMI (	UNIT-3 (2) promp yether & guygonic wells.) UNIT-4 backs SEC. Substitute transfer of flowed from yet, HACKMON HEAVIRIES EARLY (ASSETTION OF WHITE) BY UNIT-5 Algase + UNIT-6-FREE SEC. FREENANTICS of a buylet of given pH & molarity, AM 3 UNIT-4 PROTOZEA  ALS. HALL OF FRETOZEA  ALS. HALL OF FRETOZEA  ALS. HALL OF FRETOZEA  HALL WHITE OF FRETOZEA  ALS.	Covered in 181  time Uses  All covered for time Uses  22/11/8
2	1.4					

#### 2018-2019 (Sem II, IV and VI)

S. No.	Name of the teacher	Name of the paper	Class/Semester	Mari		
	Dr Neena R.	Enzymes			ropics/Units planned	Covered
	Wadehra		Sem II	January	semI - Unit I, 2 semII - Unit B, unit 3.	covered as planned
				Februar	SemI - unit 2,3,5 Sem II - Unit 1, unit 4,56	covered as live planned
				March	Sem II - unit 3, 4 Sem VI - unit 7, 8, 9,10	covered as planned as planned
				April	Sem II - unit 4,5	as planned But
					Amale 105-105	Lose

1. 12 R	lashmi'	GORR	B-Cd HI		Topics/Units planned Covered
	woudhau	R Rashmi GORR Bu	Bischemity Sim IV	Jan Feb-	DNA Replication in Protection Sukaupples complete of Protection Topolymuses Recombination, Transportion
2.		R. C. 141	Marie	Three claims of Transpille clarents, importance of Transposeble elements where the HONE WIND Company to the control of the con	
		4EB		Jan Feb-	Introduction to GEB cloning vectors for Prokonyties + Euleanydo
				April	unit 9 a Revision completes

			ONE

S. No.	Name of the teacher	Name of the paper	Class/Semester	T.,		
			Ciass/Semester	Month	Topics/Units planned	Covered
١,	Dr Darshan Malili	Human Physiology	BSC(H) Try		6 6 (3)	unito 0,0
			Sem IV	Feb.	Sem V unit; 1) 20	1 & 2 unit - 3,45
2.		Nutritional Biochemistry	BS(H) II G		Sem I unit: (6)	Unit 427
		Old Manushing		racest	Sem VI unit (8)	
				April		unit 8 2 Sevision

melil

DEFARIMENT

. No.	Name of the teacher	Name of the paper	Class/Semester	Month	Topics/Units planned		
1.	Dr. Jan Va		I		- Fiss Citts planned	Covered	
	1- dr. Jayla Thaken	Proteins		Jan	1,2,3,6	1,2,3,4	
				Feb	5,6,8	5, 6, 8 should	
				March	7,8/Attending overlations Prog. 5-29*Mad	8 (the strance)	
				April	9,10,11	conered	

Received on 11/03/2019

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### DEPARTMENT BIOCHEMISTRY

. No.	Name of the teacher	Name of the paper	Class/Semester	Month		
	Ms. Usha Yadar			HIOIHI	Topics/Units planned	Covered
		GORR Nutritional Biochesiste	E E	JAN	Unit 6 - Mechanism of action of enzyme wit 7 - Regulation or enzyme action of the glycoph photographs of UNIT 1 UNIT 2 (half syllows) P	UNITHIND
	ENZYMES GORR Nuthitional Biochenists	I V	FGB	UNIT = Probability cleaning to LOH.  UNIT 8 - Indicated of configuration in engage catalyses relations UNIT2 (Lift position) + UNIT 5 (mutation	Covered as	
		ENZYMES  GORR  Nutuitional Biochemistry  ENZYMES	VI	MARCH	UNITS - Applications of evenus (the Aria properties) UNITG - Various modes of DNA reputs UNITG - Various modes of DNA reputs UNITG - Spean Speic existen reputs UNITG - Spean Speic & Marth	Covered as planned Usts
		GORR Nutrational Biochemistry	H N	APRIL	UNIT9-Application of graphical Committee of the Committee	covered as vel



#### 2019-2020 (Sem I, III and V)

. No.	Name of the teacher	Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered
	Dr. Heena R-Wadeha	Blology	<u> </u>	July August	unit 3 - Cytoskeleton and cell molility	Covered.
	1	1/2 paper (unit 3, 4,5)		Sept	unity - cell-cell interaction	bustosed
				October	units - Cell cycle eukaypotic, events of mitosis, meiosis, vegulation	buolosed
				Novembo	units - cell cycle cell growth, apoplusis necrosis, stem celly Homeson	brobosed.

S. No.	Name of the teacher	Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered
	Dr Neema R Wadek	Molecules &		July has	write a proposed stud	Completed
				Aug	President properties	Completed
					unit or - upode Tracker	- budgery
				Nov	unit V - Nuclear acrise	hinkery

DEPARTMENT of BEDCHERDOWN

S. No.	Name of the teacher		Class/ Semester	Month	Topics/Units planned	Covered
1. Rr. Rashmi Wardhay Ars. Prof.	Gene Expussion and Algulatus	B.Sc(H) Busehomist	July Aug. Sept.	unt [ /2 unt I /2 unt I /2 unt I /4 3(/2) unit 3, unit 4 (/2) unit 5 4 unit 6	completed Revaretto Profoced	
				Nov	unit 7, unit 8	Proposed of

Rradhau Dr. Rashmi Wadhau\_

DEPARTMENT of Biochemistry

S. No.	Name of the teacher		Class/ Semester	Month	Topics/Units planned	Covered
1.	Or Rashmi Wardham Associali	Met. of Carboling	BSC(H)	July	Introductions to metabolism unit = I - unit = I , unit = I unit =	completed Rep
Broch mistry		Brochemistry	Aug sept	unitil, united	concred KIN	
				nov Nov	units unit 6	Proposed by

Rosaulhan Dr. Rashmi wandhow

S. No.	Name of the teacher	Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered	7
1-	Dr Darshan Malik	membrane Biology and	BSc(H) Biochemista	July	unit 1	unit 1	Du
		Bioen ergetis	Sem III		unit 1 Unit 2 Unit 3	unit I unit z unit -3	1 Saul
				Sept.	Unit 4 Unit 5		
				oct.	unit 6 unit 7		
				Nov	unit 8		

S. No.	Name of the teacher	Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered
2.	Dr Darshan malik	Hormone: Biochemistry and Function	BSc (M) Biochemist	July	Unit 2 - Part of Signalling	Part of it Completed
		Z. C.	Sem III	August	Unit 2- Hormone mediated	Unit -2 Part of Unit - 3
				Sept.	Unit 3 - Part of it Unit 4 - Unit 5	
				Oct.	unit 5 - unit 7 - unit 8 - Part of it	
				Nov.	unit 8 unit 9	

S. No.	Name of the teacher	Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered
2.	Ar. Jayila Dhakun	Cell Biology	I	July	UNIT 1	UNIT S Started 1
				Aug	UNIT 1	finited of
				Sept.	UNIT 2	
				Oct ·	ONIT 6	

S. No.	of the teacher	the paper	Class/ Semester	Month	Topics/Units planned	Covered
	Dr. Reny Baweja	Basic Uccsobidegy (4 lecture fine	V W)	July- Aug. Aug- Sept Oct >	Unit 1 - Unit 2. Unit 3 - An introduction to viruses Unit 3 - Unit 5 Unit 6 - Unit 7	conned of planns
02		Homenes: Biochemistry of Functions (	III.	NON July-Aug Sept-Oct	Revision Unit 1 Unit 2 cmit 9	fension dans

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### TEACHING PLAN FOR THE ACADEMIC YEAR (Semester July-Dec, 2019)

Department of Biochemistry

5.No.	Name of the Teacher	Name of the Paper		-ioenemistry		
		tame of the Paper	Class/ Semester	Month	T-1 m	
	Dr.Sunita Singh	BCH DSE 6:		July	Unit 1: Plasma Membrane & Nuclear	Covered
	The state of the s	Advanced Cell Biology	B.Sc. (Hons.) Biochemistry -3 <sup>rd</sup> Year (SEM V)	August	Transport Unit 1: Plasma Membrane & Nuclear Transport Unit 6: Cancer Biology	Completed
		T will	(SEW V)	September	Unit 6: Cancer Biology Class Test /Assignment Unit 2: Protein Sorting and Secretory Pathway	Continued
				October	Unit 2: Protein Sorting and Secretory Pathway Class Test/ Assignment Unit 7: Advanced Methods in Cell Biology	
				November	Revision	
2	Dr.Sunita Singh	BCH SEC-1: Tools		July	Unit 1: Biochemical Reagents and solutions	Continued
		and Techniques in Biochemistry	B.Sc. (Hons.) Biochemistry -2 <sup>nd</sup> Year	August	Unit 1: Biochemical Reagents and solutions	Completed
			(SEM III)	September	Unit 2: Spectrophotometric Techniques Unit 2: Spectrophotometric Techniques Class Test/ Assignment	Continued
				October	Unit 3: Introduction and Importance of Virtual Labs in Biochemistry Class Test/ Assignment	
				November	Revision	

<sup>\*</sup> Attending 24th Refresher Course in Life Sciences & Biotechnology at UGC-HRDC, Jawaharlal Nehru University from August 19-30, 2019.

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	Name of the teacher		Semester	Month	Topics/Units planned	Covered	
1	or. Usha Yadar	Metabolism of Carbohydrates & lipids	Indyear	July	Unit 7 ( Digestion, monitorales	in Completed	
		& lipids	Sen III	Aug	Unit 7- Left partion Unit 9 - complete	Completed	Use
				Sept	Unit 9 - half	angleted	W
				Oct	Unit 7 ( Digestion montines Literaport of choles Unit 7- Left partion Unit 8 - Complete Unit 9 - half Unit 9 - half Unit 10	Completed	Ush
				Nov.	Unit 11	Completed Completed	us

			try			
S. No.	Name of the teacher	Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered
1.	Ar Rashmi nacelhau	Gene organization replication d Repair (GORR)	īV	Jan	unit 1. Stru of DNA unit 2. Genes + Genes signification	completed Rwardha
		(Full-Paper)		Feb	unity. Recombination	completed Revand
13					units. Molibasis of	ontinuin
				apeil	brit 6. vonious Modes of DNA repair 4 Revision	
2.	Dr. Rashmi wardhour	genetic Engi- neering 4 Biotechnology	Ī	Jan		emplehiat Risardhau
		(1/2 Paper)		Feb		mpleties Rivarella
				March	unt 3: Joening of property unt 4: Selection of Broards	
				speul	anit 4 - Selection of Revision of units	

	IING PLAN FOR THI	TEADEMIC YEAR	C			Dr. bass
S. No.	Name of the teacher	Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered
1.	Dr. Darshan Maeill	Human	BSc(H) II yo	Jan	Cardio vasculas Physiology	Covered Unit - 2
	Maeile	Physiology		Feb	Cardio vasculas Physology Renal	Conered unit -22
				march	Renal Physiology	
				April	Reproductive Physiology	
		Nutritional			11-16-1	Coursed Unit 162
2.		Bio chemistry	VI	Feb	Unit -3 Unit 7	covered unit 32
				march		
				April A	unit-6	

S. No.	Name	of the teacher					
			Name of the paper	Class/ Semester	Month	Topics/Units planned	Covered
01	Dr.	Reny 3 aweja	Prolans	BSCCH) Brochenustry	Jan	Unit 1	Unit 1
				SemI	Feb & March	Unit 2	
					April	Unit 3	
			Human	BSC CH)	Jang Feb	Unit 1	Unit 1
			Physio logy	Biochemistry Sem IV	March	Unit 3 (partial)	
					April	Unit 3 and Unit 8	
	TEACI	HING PLAN FO	OR THE ACADEMIC	CVE D. T.		on 4/3/2020)	
	TEACH DEPAR		OR THE ACADEMIC BIOCHEMISTRY	CYEAR: JA	N- MAY		
	S. No.	Name of the t	eacher Name of the	CYEAR: JA  (Sem W 2)  paper Clas	ID May		Covered
		Name of the t	cacher Name of the	CYEAR: JA  (Sem W 27  paper Clas  Semes  fication mayor  Sem m	Modern January	Topics/Units planned  UNITE- Preparation of complete from Exchange Characteristics  GPC & Affirity.	4 Completed Us
	S. No.	Name of the t	eacher Name of the	paper Classems Fication Program I	Modern May	Topics/Units planned  UNIT - Preparation of complete for Exchange Chromotograph GFC & Affecting Electropic creasis UNIT 2 HPLC UNIT 1 UNIT 2 UNIT 2	
	S. No.	Name of the t	cacher Name of the  ladar Protein puri technique  adar Metabolism Amino selde Nucleotides  ladar Molecular Ba of Infections	paper Classem IV 25  Fication IV 40  Sem IV  April 1 and Sem IV  sio III 4 years  Sem IV  Sem IV	Modern May Modern Mark Apr Jan Feb Mark Apr Jan	Topics/Units planned  UNITS - Preparation of complete den Exchange Chromotograph (AFC & Affecting Electropic occurs UNITS	Completed Use Completed Use Completed Use Completed Use Completed Use Completed Use Covered Use Covered Use Covered
	S. No.	Dr. Usha Y	cacher Name of the  Tadar Protein puri tichnique  adar Metabalism Amino acida Nucleotides  Molecular Ba	Paper Classem I Semes Semes I Prodyear Sem II	Modern May	Topics/Units planned  UNIT - Preparation of complete from Exchange Characteristry.  Electroprocessis  UNIT 2 HPLC  UNIT 1  UNIT 2  UNIT 3  UNIT 4  UNIT 4 and Walf	Completed Us Completed Us Completed Us Completed Us Completed Us

Due to COVID-19 pandemic, syllabus was completed via online mode after mid semester break in March, 2020