



Sarvodaya Kelavani Samaj Managed

Shri Manibhai Virani & Smt. Navalben Virani Science College, Rajkot

(Autonomous)

Affiliated to Saurashtra University, Rajkot

Reaccredited at the “A” Level (CGPA 3.28) by NAAC

“STAR” College Scheme & Status by MST-DBT

A College with Potential for Excellence – CPE (Phase - II) by UGC

Accredited at the G-AAA Highest Grade ‘A-1’ Level by KCG, Govt. of Gujarat

UGC-DDU KAUSHAL Kendra

GPCB-Government of Gujarat approved Environmental Audit Centre

SCHEME OF LEARNING AND EVALUATION

Of

B. Sc. Biochemistry

(w.e.f June 2021)

**Shri Manibhai Virani and Smt. Navalben Virani Science College, Rajkot
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Department of Biochemistry

**B.Sc. BIOCHEMISTRY
SCHEME OF LEARNING AND EVALUATION**

For the students admitted from A.Y. 2021-2022 & onwards

Semester I									
Course Code	Course	Contact Hrs/ week			SEE Duration (Hours)	Maximum Marks			Credit(s)
		T	Tu	P		CIA	SEE	Total	
Part-I		T	Tu	P					
21UEN101	Development of Functional English	3	-	-	3	40	60	100	3
Part-I Total		3	0	0		40	60	100	3
Part-II									
21UBCCC101	Core-1: Fundamentals of Biochemistry (F)	4	-	-	3	30	70	100	4
21UBCCC102	Core-2: Molecules of life (F)	4	-	-	3	30	70	100	4
21UBCID101	IDC-1: Botany	3	-	-	3	30	70	100	3
21UBCCC103	Core Practical-1: Basic Biochemistry Practical	-	-	6	6	40	60	100	3
21UBCID102	IDC-1 Practical: Botany	-	-	6	3	40	60	100	2
	Core Enrichment 1: Concept to Practice Course	-	1	-	-	(20)	Evaluation at the end of Semester - IV		
Part-II Total		11	1	12	--	190	330	500	16
Part-III: Ability Enhancement Courses									
21AESD101	AECC I: Introduction to SDG (Online course)	-	-	-	-	-	-	Remarks	Audit course
	AECC II: Environmental Conservation and Sustainable Development	1	-	-	-	Evaluation at the end of Semester II			-
	AECC III: Human Values	1	2*	-	-	Evaluation at the end of Semester II			-

	for Holistic Living								
	FS 3: Career Acceleration Program	2*	-	-	-	Cumulative Evaluation at the end of Semester V			-
	Part-III Total	2	2*	0		00	0	0	0
	Total (Part-I to Part-III)	16	1+2*	12		230	390	600	19
		29				600			

* Out of working Hours

() Final Evaluation for 100 marks be made at the end of Semester IV, which includes 20 marks CIA in Semester I, II, III each and 40 marks in Semester IV.

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Semester II									
Course Code	Course	Contact Hrs/ week			SEE Duration (Hours)	Maximum Marks			Credit(s)
		T	Tu	P		CIA	SEE	Total	
Part-I		T	Tu	P					
	Functional English	3	-	-	3	40	60	100	3
	Part-I Total	3	0	0	3	40	60	100	3
Part-II									
21UBCCC201	Core-3: Cell Biology	4	-	-	3	30	70	100	4
21UBCCC202	Core-4: Human Physiology I	4	-	-	3	30	70	100	4
21UBCCC203	Core-5: Human Physiology II & Endocrinology	4	-	-	3	30	70	100	4
21UBCID201	IDC-2: Zoology	3	-	-	3	30	70	100	3
21UBCCC204	Core Practical-2: Cell Biology & Human Physiology Practicals	-	-	6	6	40	60	100	3
21UBCID202	IDC Practical-2: Zoology	-	-	6	3	40	60	100	2
	Core Enrichment 1: Concept to Practice Course	-	1	-	-	(20)	Evaluation at the end of Semester – IV		
	Part-II Total	15	1	12	--	220	400	600	20
Part-III: Ability Enhancement Courses									
21AEES201	AECC II: Environmental Conservation and Sustainable Development	1	-	-	-	Remarks			2
	AECC III: Human Values for Holistic Living	1	2*	-	-	Remarks			3
21AEVE201	FS 3: Career Acceleration Program	2*	-	-	-	Cumulative Evaluation at the end of Semester V			-

Semester II									
Course Code	Course	Contact Hrs/ week			SEE Duration (Hours)	Maximum Marks			Credit(s)
						CIA	SEE	Total	
	Part-III Total	2	2*	0	-	0	0	0	5
	Total (Part-I to Part-III)	20	1+2*	12	-	260	460	700	28
		33			-	700			

*Out of working Hours

3 hours each on Day1 and Day 2.

() Final Evaluation for 100 marks be made at the end of Semester IV, which includes 20 marks CIA in Semester I, II, III each and 40 marks in Semester IV.

Minimum one month internship pertaining to learning for concept to practice/prototype or product development for start-up/mini and final semester project/skilling in the summer vacation/combination of semester break and summer vacation in industry/premier research institute/NGO, etc.