



KADI SARVA VISHWAVIDYALAYA

B.Sc. Programme – Structure

(Scheme for teaching and evaluation for B.Sc Programme (Basic/Honours))

Aligning to NEP–2020 as per Govt. of Gujarat Dated 11/07/2023

B.Sc. Semester II Structure

Sr. no	Component	Course code	Course title	Duration In Hrs.		Credits	Maximum Marks		TOTAL
				Theory	Practical		CCE (Formative)	SEE (Summative)	
01	Major Courses (Select any two of same subject)	MBM209-1C	Microbial Physiology	60	0	4*2 = 8	50	50	100
		MBM210-1C	Microbial Growth and Control of Microorganisms	0	120				
		CHM211- 1C	Fundamentals of Chemistry-II	60	0				
		CHM212- 1C	Chemistry Practicals-II	0	120				
		PHM213- 1C	Basic Physics-II	60	0				
		PHM214- 1C	Physics Practical-II	0	120				
		MTM215-1C	Calculus and Differential Equations	60	0				
		MTM216-1C	Application of Calculus and Differential Equations	0	120				
02	Minor (Select any One)	MBE206- 1C	Fundamentals Of Microbial Physiology	30	60	4	50	50	100
		CHE207- 1C	Basics Of Chemistry-II	30	60				
		PHE208- 1C	Fundamentals of Physics-II	30	60				
		BTE209- 1C	Basics of Botany-II	30	60				
		MTE210- 1C	Probability and Probability Distributions-I	30	60				
03	MDC (Select any One)	MDC216- 1C	Microbial Growth and Its Control	30	60	4	50	50	100
		MDC217- 1C	Fundamentals of Botany-II	30	60				
		MDC218- 1C	Introduction to Chemistry- II	30	60				
		MDC219- 1C	Fundamentals of Computational Physics-II	30	60				
		MDC220- 1C	Object Oriented Programming using C++	30	60				
04	AEC	AEC204- 1C	Communication Skills	30	0	2	25	25	50
05	VAC	VAC201- 1C	Environmental Studies	30	0	2	25	25	50



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Sr. no	Component	Course code	Course title	Duration In Hrs.		Credits	Maximum Marks		TOTAL
06	SEC (Select any One)	SEC216- 1C	Basic Mycology	30	0	2	25	25	50
		SEC217- 1C	Chemistry Instrumentation And Laboratory Skills - II	30	0				
		SEC218- 1C	Introduction to Measurements and Instrumentation I	30	0				
		SEC219- 1C	Cyber Sphere and Security: Global Concern	30	0				
Total						22	275	275	550

Note:

1. The marks distribution is mainly divided into two components named Continuous and Comprehensive Evaluation (CCE) = 50 % and Semester End Evaluation (SEE) = 50 %.
2. Passing Percentage for each subject is 36%.