



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 V 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 three of same subject)	MBM301-3C	Microbial Process Technology	60	0	4*3 = 12	50	50	100
		MBM302-3C	Recombinant DNA Technology	60	0				
		MBM303-3C	Microbiology Practical- V	0	120				
		CHM304-3C	Inorganic & Analytical Chemistry - III	60	0				
		CHM305-3C	Organic & Physical Chemistry -III	60	0				
		CHM306-3C	Chemistry Practicals-V	0	120				
		MTM310-3C	Real Analysis	60	0				
		MTM311-3C	Integral Transforms	60	0				
		MTM312-3C	Applications of Real Analysis and Integral Transforms	0	120				
		PHM307-3C	Mathematical Physics and Classical Mechanics	60	0				
		PHM308-3C	Atomic, Molecular and Nuclear Physics	60	0				
PHM309-3C	Physics Practical - V	0	120						
02	Minor (Select any Two)	MBE301-3C	Water Microbiology	30	60	4*2 = 8	50	50	100
		MBE302-3C	Advanced Agriculture Microbiology	30	60				
		CHE303-3C	Chemistry in daily life: Dyes & Drugs	30	60				
		CHE304-3C	Advanced Analytical Techniques-I	30	60				
		MTE307-3C	Probability and Probability Distributions-II	30	60				
		MTE308-3C	Data Analytics and Visualizations	30	60				
		PHE305-3C	Power Electronics	30	60				
		PHE306-3C	Crystal Structure and Nanomaterial synthesis	30	60				



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03	SEC (Select any One)	SEC311-3C	Virology	30	0	2	25	25	50
		SEC312-3C	Industrial Chemistry-III	30	0				
		SEC313-3C	Non-Destructive Testing	30	0				
		SEC314-3C	Mathematical Logic	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%.