





KADI SARVA VISHWAVIDYALAYA
B.Sc Semester 5 Syllabus (W.E.F. June 2019)

	KADI SARVA VISHWAVIDYALAYA					
	B.SC CHEMISTRY SEMESTER - 5 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CCH-501	Inorganic Chemistry - II	3	30	70	100	3
CCH-502	Organic Chemistry - II	3	30	70	100	3
CCH-503	Physical Chemistry - II	3	30	70	100	3
CCH-504	Analytical Chemistry - II	3	30	70	100	3
FCG-501	(University Elective) Basic English – V	2	15	35	50	2
EGC-501	(Generic Elective - Institute elective) Good Laboratory Practice	2	50	00	50	2
SE CH 501-A	(Discipline Specific Specialization) Synthesis of Dyes & Application	2	50	00	50	2
SE CH 501-B	(Discipline Specific Specialization) Polymer Synthesis					
SE CH 501-C	(Discipline Specific Specialization) Medicinal Chemistry-III					
PCH-501	Chemistry Practical - V	12	0	200	200	6
Total		30	235	515	750	24




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	KADI SARVA VISHWAVIDYALAYA					
	B.SC MICROBIOLOGY SEMESTER - 5 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CMB -501	Environmental Microbiology	3	30	70	100	3
CMB -502	Bioprocess and Fermentation Technology	3	30	70	100	3
CMB -503	Analytical Techniques in Microbiology	3	30	70	100	3
CMB -504	Molecular Genetics of Prokaryotes	3	30	70	100	3
FCG-501	(University Elective) Basic English – V	2	15	35	50	2
EGC-501	(Generic Elective - Institute elective) Good Laboratory Practices and Good Manufacturing Practices	2	50	00	50	2
SE MB-501 A	(Discipline Specific Specialization) Food Microbiology-III	2	50	00	50	2
SE MB-501 A	(Discipline Specific Specialization) Pathology-III					
PMB-501	Microbiology Practical-V	12	0	200	200	6
Total		30	235	515	750	24




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	KADI SARVA VISWAVIDYALAYA					
	B.Sc. (MATHEMATICS), SEMESTER-5 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CMAT-501	Abstract Algebra-I	3	30	70	100	3
CMAT-502	Mathematical Analysis- I	3	30	70	100	3
CMAT-503	Differential Equations	3	30	70	100	3
CMAT-504	Operations Research- I	3	30	70	100	3
FCG-501	(University Elective) Basic English- V	2	15	35	50	2
EGC- 501	(Generic Elective) CYBER SECURITY	2	50	00	50	2
SE Math 501-A	(Discipline Specific Specialization) Business Mathematics- III	2	50	00	50	2
SE Math 501-B	(Discipline Specific Specialization) Discrete Mathematics- III					
PCMAT-501	Mathematics Practical- III	12	00	200	200	6
Total		30	235	515	750	24



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	KADI SARVA VISHWAVIDYALAYA					
	B.SC.PHYSICS SEMESTER - 5 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CPH-501	Mathematical Physics-I and Classical Mechanics	3	30	70	100	3
CPH-502	Atomic and Molecular Physics	3	30	70	100	3
CPH-503	Electrodynamics	3	30	70	100	3
CPH-504	Electronics and 'C' Programming	3	30	70	100	3
FCG-501	(University Elective) Basic English – V	2	15	35	50	2
EGC-501	(Generic Elective - Institute elective) Good Laboratory Practice	2	50	00	50	2
SE PH 501-A	(Discipline Specific Specialization) Engineering Physics- III	2	50	00	50	2
SE PH 501-B	(Discipline Specific Specialization) Applied Physics-III					
PPH-501	Physics Practical – V	12	0	200	200	6
Total		30	235	515	750	24