





KADI SARVA VISHWAVIDYALAYA
B.Sc Semester 6 Syllabus (W.E.F. June 2019)

	KADI SARVA VISHWAVIDYALAYA					
	B.SC CHEMISTRY SEMESTER - 6 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CCH-601	Inorganic Chemistry - III	3	30	70	100	3
CCH-602	Organic Chemistry - III	3	30	70	100	3
CCH-603	Physical Chemistry - III	3	30	70	100	3
CCH-604	Analytical Chemistry - III	3	30	70	100	3
FCG-601	(University Elective) Basic English – VI	2	15	35	50	2
EGC-601	(Generic Elective - Institute elective) Personality Development & Interview Skills	2	50	00	50	2
SE CH 601-A	(Discipline Specific Specialization) Dyeing & Printing of Dyes	2	50	00	50	2
SE CH 601-B	(Discipline Specific Specialization) Bio-Polymers					
SE CH 601-C	(Discipline Specific Specialization)					
PCH-601	Chemistry Practical - VI	12	0	200	200	6
Total		30	235	515	750	24




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	KADI SARVA VISHWAVIDYALAYA					
	B.SC MICROBIOLOGY SEMESTER - 6 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CMB -601	Molecular Biology and Genetic Engineering	3	30	70	100	3
CMB -602	Water Microbiology	3	30	70	100	3
CMB -603	Microbial Diversity	3	30	70	100	3
CMB -604	Applied Microbiology	3	30	70	100	3
FCG-601	(University Elective) Basic English – VI	2	15	35	50	2
EGC-601	(Generic Elective - Institute elective)	2	50	00	50	2
SE MB-601 A	(Discipline Specific Specialization) Food Microbiology-IV	2	50	00	50	2
SE MB-601 A	(Discipline Specific Specialization) Pathology-IV					
PMB-601	Microbiology Practical-VI	12	0	200	200	6
Total		30	235	515	750	24




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	KADI SARVA VISWAVIDYALAYA					
	B.Sc. (MATHEMATICS), SEMESTER-6 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CMAT-601	Abstract Algebra-II	3	30	70	100	3
CMAT-602	Mathematical Analysis- II	3	30	70	100	3
CMAT-603	Graph Theory	3	30	70	100	3
CMAT-604	Operations Research- II	3	30	70	100	3
EGC- 601	(University Elective) Basic English- VI	2	15	35	50	2
FCG-601	(Generic Elective) Personality Development & Interview Skills	2	50	00	50	2
SE Math 601 A	(Discipline Specific Specialization) Business Mathematics- IV	2	50	00	50	2
SE Math 601 B	(Discipline Specific Specialization) Discrete Mathematics- IV					
PCMAT-601	Mathematics Practical - IV	12	00	200	200	6
Total		30	235	515	750	24



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	KADI SARVA VISHWAVIDYALYA					
	B.SC.PHYSICS SEMESTER - 6 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CPH-601	Mathematical Physics-II and Quantum Mechanics	3	30	70	100	3
CPH-602	Thermodynamics and Statistical Mechanics	3	30	70	100	3
CPH-603	Nuclear and Particle Physics	3	30	70	100	3
CPH-604	Solid State Physics	3	30	70	100	3
FCG-601	(University Elective) Basic English – VI	2	15	35	50	2
EGC-601	(Generic Elective - Institute elective) Personality Development & Interview Skills	2	50	00	50	2
SE PH 601-A	(Discipline Specific Specialization) Engineering Physics- IV	2	50	00	50	2
SE PH 601-B	(Discipline Specific Specialization) Applied Physics-IV					
PPH-601	Physics Practical – VI	12	0	200	200	6
Total		30	235	515	750	24