





KADI SARVA VISHWAVIDYALAYA
B.Sc Semester IV Syllabus (W.E.F. June 2018)

	KADI SARVA VISHWAVIDYALYA					
	B.SC CHEMISTRY SEMESTER - 4 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CCH-401	Inorganic Chemistry – I	3	30	70	100	3
CCH-402	Analytical Chemistry – I	3	30	70	100	3
CPH-401	Basic Physics – III	3	30	70	100	3
CPH-402	Basic Physics – IV	3	30	70	100	3
FCG-401	(University Elective) Basic English – IV	2	15	35	50	2
EGC-401	(Generic Elective - Institute elective) Social Service Scheme - II	2	50	00	50	2
SE CH 401-A	(Discipline Specific Specialization) Chemistry of Dyes & Pigments	2	50	00	50	2
SE CH 401-B	(Discipline Specific Specialization) Chemistry and Technology of Polymers					
SE CH 401-C	(Discipline Specific Specialization) Medicinal Chemistry-II					
PCH-401	Chemistry Practical – IV	6	0	100	100	3
PPH-401	Physics Practical – IV	6	0	100	100	3
Total		30	235	515	750	24




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	KADI SARVA VISHWAVIDYALYA					
	B.SC MICROBIOLOGY SEMESTER - 4 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CMB-401	Microbial Metabolism	3	30	70	100	3
CMB-402	Medical Microbiology	3	30	70	100	3
CCH-401	Inorganic Chemistry - I	3	30	70	100	3
CCH-402	Analytical Chemistry - I	3	30	70	100	3
FCG-401	(University Elective) Basic English – IV	2	15	35	50	2
EGC-401	(Generic Elective - Institute elective) Social Service Scheme - II	2	50	00	50	2
SE MB 401-A	(Discipline Specific Specialization) Food Microbiology II	2	50	00	50	2
SE MB 401-B	(Discipline Specific Specialization) Pathology –II					
PCH-401	Chemistry Practical – IV	6	0	100	100	3
PMB-401	Microbiology Practical - IV	6	0	100	100	3
Total		30	235	515	750	24



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	KADI SARVA VISHWAVIDYALAYA					
	B.SC MATHEMATICS SEMESTER - 4 SCHEME					
Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CMAT-401	Advanced Calculus	3	30	70	100	3
CMAT-402	Advanced Linear Algebra	3	30	70	100	3
CPH-401	Basic Physics – III	3	30	70	100	3
CPH-402	Basic Physics – IV	3	30	70	100	3
FCG-401	(University Elective) Basic English – IV	2	15	35	50	2
EGC-401	(Generic Elective - Institute elective) Social Service Scheme - II	2	50	00	50	2
SE Math 401-A	(Discipline Specific Specialization) Business Mathematics – II	2	50	00	50	2
SE Math 401-B	(Discipline Specific Specialization) Discrete Mathematics - II					
PPH-401	Physics Practical – IV	6	0	100	100	3
PMAT-401	Mathematics Practical - II	6	0	100	100	3
Total		30	235	515	750	24



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Subject Code	Course	Instructions Hrs / week	Examination			Credit
			Internal	University Exam	Total	
CPH-401	Basic Physics – III	3	30	70	100	3
CPH-402	Basic Physics – IV	3	30	70	100	3
CMAT-401	Advanced Calculus	3	30	70	100	3
CMAT-402	Advanced Linear Algebra	3	30	70	100	3
FCG-401	(University Elective) Basic English – IV	2	15	35	50	2
EGC-401	(Generic Elective - Institute elective) Social Service Scheme - II	2	50	00	50	2
SE PH 401-A	(Discipline Specific Specialization) Engineering Physics- II	2	50	00	50	2
SE PH 401-B	(Discipline Specific Specialization) Applied Physics-II					
PPH-401	Physics Practical – IV	6	0	100	100	3
PMAT-401	Mathematics Practical - II	6	0	100	100	3
Total		30	235	515	750	24