

Bhavan's Vivekananda College of Science, Humanities & Commerce

Sainikpuri, Secunderabad – 500094

An Autonomous College - Affiliated to Osmania University

Accredited with 'A' grade by NAAC

B.Sc Biochemistry

Choice Based Credit System (CBCS Syllabus)

(Effective from Academic Year 2016-17 onwards)

I YEAR SEMESTER-I							
Code	Course title	Course type	HPW	Credits	Internal marks	Final marks	Total
BC 134	Biomolecules – I	DSC-2A	4T+2P=6	4+1=5	30	70	100
			6	5			
I YEAR SEMESTER-II							
Code	Course title	Course type	HPW	Credits	Internal marks	Final marks	Total
BC 234	Biomolecules-II	DSC-2B	4T+2P=6	4+1=5	30	70	100
			6	5			

II YEAR SEMESTER-III							
Code	Course title	Course type	HPW	Credits	Internal marks	Final marks	Total
SE 334	Medical Diagnostics	SEC-1	2	2	15	35	50
BC 334	Enzymology and metabolism of carbohydrates and lipids	DSC-2C	4T+2P=6	4+1=5	30	70	100
			8	7			

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II YEAR SEMESTER-IV							
Code	Course title	Course Type	HPW	Credits	Internal marks	Final marks	Total
SE 434	Basics of Food and Nutrition	SEC-2	2	2	15	35	50
BC 434	Biochemical techniques and metabolism of amino acids and nucleotides.	DSC-2D	4T+2P=6	4+1=5	30	70	100
			8	7			

III YEAR SEMESTER-V							
Code	Course title	Course type	HPW	Credits	Internal marks	Final marks	Total
SE 534	Automation and Clinical Laboratory Informatics	SEC-3	2	2	15	35	50
GE 534	Nutrition and Health	GE-1	2T	2	15	35	50
BC 534	Physiology and clinical biochemistry	DSC-2E	3T+2P=5	3+1=4	30	70	100
BC 534A	Microbiology, Genetics And rDNA Technology/Cell	DSE-2E	3T+2P=5	3+1=4	30	70	100
BC 534 B	Biology And Biotechnology						
			14	12			

III YEAR SEMESTER-VI							
Code	Course title	Course type	HPW	Credits	Internal marks	Final marks	Total
SE 634	Computational Biochemistry	SEC-4	2	2	15	35	50
GE 634	Human Physiology	GE-2	2T	2	15	35	50
BC 634	Molecular biology	DSC-2F	3T+2P=5	3+1=4	30	70	100
BC 634A BC 634 B	Immunology and nutrition /clinical diagnosis and biostatistics	DSE-2F	3T+2P=5	3+1=4	30	70	100
			14	12			
	TOTAL CREDITS			48			

SUMMARY OF CREDITS

S.No	COURSE CATEGORY	NO OF COURSES	CREDITS PER COURSE	CREDITS
1.	SEC	4	2	8
2.	DSC	4	5	20
3.	DSC	2	4	8
4.	DSE	2	4	8
5.	GE	2	2	4
	TOTAL			48

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