

B.Sc Computer Applications

SEM	COURSE CODE	TITLE OF THE COURSE	NO. OF HOURS / WEEK	NO. OF CREDITS	WEIGHTAGE	
					INTERNAL	EXTERNAL
19U1CAP	19U1CCENG01	Homo Loquens: Effective Listening and Speaking	5	4	25	75
	19U1CRCAP1	Digital Electronics and Microprocessor	4	3	25	75
	19U1CRCAP2	Programming in Python	4	3	25	75
	19U1PRCAP1	Programming in Python (Practical)	4	2	25	75
	19U1CRCMT1	Foundation of Mathematics	4	3	25	75
	19U1CRCST1	Descriptive Statistics	4	3	25	75
19U2CAP	19U2CCENG03	Text and Context: A Guide to Effective Reading and Writing	5	4	25	75
	19U2CRCAP3	Operating System	4	3	25	75
	19U2CRCAP4	Data Structures Using 'C'	4	3	25	75
	19U2PRCAP2	Data Structures Using 'C' (Practical)	4	3	25	75
	19U2CRCMT2	Analytical Geometry, Theory of Equations and Numerical Methods	4	4	25	75
	19U2CRCST2	Probability and Statistics	4	3	25	75
19U3CAP	19U3CRCAP5	Data Communication and Computer Networks	4	3	25	75
	19U3CRCAP6	Object Oriented Programming In C++	4	3	25	75
	19U3PRCAP3	Object Oriented Programming In C++ (Practical)	2	2	25	75
	19U3CRCMT3	Calculus	5	4	25	75
	19U3CRCMT4	Vector Calculus, Trigonometry and Matrices	5	4	25	75
	19U3CRCST3	Probability Distributions	5	4	25	75

SEM	COURSE CODE	TITLE OF THE COURSE	NO. OF HOURS / WEEK	NO. OF CREDITS	WEIGHTAGE	
					INTERNAL	EXTERNAL
19U4CAP	19U4CRCAP7	Advanced Web Technology	4	4	25	75
	19U4CRCAP8	Database Management System	4	3	25	75
	19U4PRCAP4	Advanced Web Technology (Practical)	2	2	25	75
	19U4CRCMT5	Differential Equations	5	4	25	75
	19U4CRCST4	Statistical Inference	5	4	25	75
	19U4CRCST5	Sample Survey Analysis and Design of Experiments	5	4	25	75
19U5CAP	19U5CRCAP9	Programming in Java	4	4	25	75
	19U5CRCAP10	Software Engineering and Environmental Studies	5	3	25	75
	19U5OCCAP1	Internet, Web Designing And Cyber Laws (Open Course)	4	3	25	75
	19U5PRCAP5	Programming in Java (Practical)	2	3	25	75
	19U5CRCMT6	Mathematical Analysis	5	4	25	75
	19U5CRCST6	Statistical Quality Control and Operations Research	5	4	25	75
19U6CAP	19U6CRCAP11	Computer Graphics	5	4	25	75
	19U6CRCAP12 EL	1. Artificial Intelligence 2. Linux Operating System	5	4	25	75
	19U6CRCAP13 EL					
	19U6PJCAP1	Project	5	4	25	75
	19U6CRCMT7	Graph Theory and Numerical Analysis	5	4	25	75
	19U6CRCST7	Computer Aided Data Analysis using Excel and R	5	4	25	75

Total Credits for Core Courses : **109**
Open Course : **03**

112
Total Credits for Common Course : **08**

120