

# BCA

SEM	COURSE CODE	TITLE OF THE COURSE	NO. HRS./ WEEK	CREDITS	TOTAL HRS./SEM	EXAM DURATION	TOTAL MARKS	
							INTERNAL	EXTERNAL
1	19U1CCENG1	Homo Loquens: Effective Listening and Speaking	5	4	90	3	25	75
1	19U1CPCMT1	Foundation of mathematics	4	4	72	3	25	75
1	19U1CRBCA1	Computer fundamentals & organization	4	4	72	3	25	75
1	19U1CRBCA2	Programming in 'C'	4	3	72	3	25	75
1	19U1CRBCA3	Introduction to Linux	4	3	72	3	25	75
1	19U1PRBCA1	Programming in 'C' – Practical	2	1	36	3	25	75
1	19U1PRBCA2	Introduction to Linux - Practical	2	1	36	3	25	75
			25	20	450		175	525
2	19U2CCENG03	Text and Context: A Guide to Effective Reading and Writing	5	4	90	3	25	75
2	19U2CPCMT2	Discrete Mathematics and Numerical Analysis	4	4	72	3	25	75
2	19U2CRBCA4	Operating system	4	3	72	3	25	75
2	19U2CRBCA5	OOPS with C++	4	3	72	3	25	75
2	19U2CRBCA6	Data structures using 'C'	4	3	72	3	25	75
2	19U2ARESC1	Environmental Studies	5	4	75	3	25	75
2	19U2PRBCA3	OOPS with C++ - Practical	2	1	36	3	25	75
2	19U2PRBCA4	Data structures using 'C' - Practical	2	1	36	3	25	75
			30	23	525		200	600

3	19U3CRBCA7	Basic Statistics	4	4	72	3	25	75
3	19U3CRBCA8	Software engineering	4	3	72	3	25	75
3	19U3CRBCA9	RDBMS	4	3	72	3	25	75
3	19U3CRBCA10	Computer networks	5	3	90	3	25	75
3	19U3CRBCA11	Programming in JAVA	4	3	72	3	25	75
3	19U3PRBCA5	RDBMS – Practical	2	1	36	3	25	75
3	19U3PRBCA6	Programming in JAVA – Practical	2	1	36	3	25	75
			25	18	450		175	525
4	19U4CRBCA12	Web Technologies	5	4	90	3	25	75
4	19U4VCBCA1	Introduction to Cloud Technology	4	4	72	3	25	75
4	19U4VCBCA2	Fundamentals of Data Centre	4	4	72	3	25	75
4	19U4CRBCA13	Basic Android	4	4	72	3	25	75
4	19U4CRBCA14	Mobile Device and Network Architecture	4	4	72	3	25	75
4	19U4PRBCA7	Basic Android – Practical	2	1	36	3	25	75
4	19U4PVBCA1	Introduction to Cloud Technology – Practical	2	1	36	3	25	75
			25	22	450		175	525

5	19U5VCBCA3	Principles of Virtualization	4	4	72	3	25	75
5	19U5VCBCA4	Server Operating System	4	4	72	3	25	75
5	19U5CRBCA15	IT and Environment	4	4	72	3	25	75
5	19U5OCBCA1	Security Threats and Trends (Open)	4	3	72	3	25	75
5	19U5CRBCA16	Advanced Android	5	4	90	3	25	75
5	19U5PVBCA2	Server Operating System – Practical	2	1	36	3	25	75
5	19U5PRBCA8	Advanced Android – Practical	2	1	36	3	25	75
			25	21	450		175	525

6	19U6CRBCA17	Introduction to Mobile UI and UX	3	2	54	3	25	75
6	19U6VCBCA5	Fundamentals of Storage	4	4	72	3	25	75
6	19U6CRBC18	Web Technology and Value added services in Mobile	4	4	72	3	25	75
6	19U6CRBCA19	Mobile Testing	4	4	72	3	25	75
6	19U6PJBCA1	Project and Viva-Voce	10	6	150	3	40	60
			25	20	420		140	360