C.S.J.M.University,Kanpur.
Bachelors of Computer Application
Semester – wise breakup of course

Semester-I[st]

Course Code	Course Name	L	T	P	C
BCA-1001	Computer Fundamental &Problem solving Techniques	3	0	0	3
BCA-1002	C Programming	3	0	0	3
BCA-1003	Principle of Management	4	0	0	4
BCA-1004	Business Communication	3	1	0	4
BCA-1005	Mathematics –I	4	0	0	4
BCA-1001P	Computer Laboratory and Practical Work of Office Automation	0	0	3	2
BCA-1002P	Computer Laboratory and Practical Work of C Programming	0	0	3	2
					22

Semester-IInd

Course Code	Course Name	L	T	P	C
BCA-2001	Object Oriented Programming Using C++	3	0	0	3
BCA-2002	Internet Technology and Web Design	3	1	0	4
BCA-2003	Organization Behavior	4	0	0	4
BCA-2004	Financial Accounting & Management	3	1	0	4
BCA-2005	Mathematics II	4	0	0	4
BCA-2001P	Computer Laboratory and Practical Work of C++ Programming	0	0	6	3
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Semester-IIIrd

Course Code	Course Name	L	T	P	C
BCA-3001	PythonProgramming	3	0	0	3
BCA-3002	Data Structure Using C & C++	3	0	0	3
BCA-3003	Operating System	3	1	0	4
BCA-3004	Digital Electronics & Computer Organization	3	1	0	4
BCA-3005	Elements of Statistics	3	1	0	4
BCA-3001P	Computer Laboratory and Practical Work of Python	0	0	3	2
BCA-3002P	Computer Laboratory and Practical Work of DS	0	0	3	2
					22

Semester-IVth

Course Code	Course Name	L	T	P	C
BCA-4001	Computer Graphics & Animation	3	1	0	4
BCA-4002	Database Management System	3	0	0	3
BCA-4003	Software Engineering	3	1	0	4
BCA-4004	Optimization Techniques	3	1	0	4
BCA-4005	Mathematics-III	4	0	0	4
BCA-4001P	Computer Graphics &DBMS Laboratory	0	0	6	3
					22

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Semester-Vth

Course Code	Course Name	L	T	P	C
BCA-S301T	Introduction to DBMS	3	0	0	3
BCA-S302T	Java Programming and Dynamic Webpage Design	3	0	0	3
BCA-S303	Computer Network	3	1	0	4
BCA-S304	Numerical Methods	3	1	0	4
BCA-S305	Minor Project	0	1	2	2
BCA-S306	Viva-Voice on Summer Training	0	0	2	1
BCA-S301P	Computer Laboratory and Practical Work of DBMS	0	0	3	2
BCA-S302P	Computer Laboratory and Practical Work of Java Programming & Dynamic Webpage Design	0	0	3	2
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Semester-VIth

Course Code	Course Name	L	T	P	C
BCA-S307	Computer Network Security	4	0	0	4
BCA-S308	Information System: Analysis Design & Implementation	3	1	0	4
BCA-S309	E-Commerce	4	0	0	4
BCA-S310	Knowledge Management	3	1	0	4
BCA-S311	Major Project	0	3	6	5
BCA-S312	Presentation/Seminar based on Major Project				1
					22