

B.SC CS

SEMESTER - 1

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
CS 101	Major	Introduction to Database Management System	4
IT101	Minor	Operating System	4
CS102	General Elective/OE	Computer Hardware and Networking	4
CS103	VSC	Discrete mathematics	2
CS104	SEC	Basic Python Programming-I	2
	AEC	English/Marathi	2
IKS101	IKS	IKS	2
	VEC	SDP	2
	CE/NSS/NCC/Yoga/Dance/Music		2
TOTAL			24

SEMESTER - II

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
CS151	Major	Fundamentals of Data Structures	4
IT151	Minor	Object Oriented Programming with C++	4
CS152	General Elective/OE	Digital Marketing Fundamentals	4
CS153	VSC	Descriptive statistics	2

CS154	SEC	Basic Python Programming-II	2
	AEC	English/Marathi	2
	IKS	IKS	2
	VEC	SDP	2
	CE/NSS/NCC/Yoga/Dance/Music		2
TOTAL			24

SEMESTER - III

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
UGCSC301	Core	OS & Linux	4
UGCSCP301	Core Subject Practical	UGCSC301 Practical	2
UGCSC302	Core	Computer Networks	4
UGCSCP302	Core Subject Practical	UGCSC302 Practical	2
UGCSC303	Core	Core Java	4
UGCSCP303	Core Subject Practical	UGCSC303 Practical	2
UGCSSECP304	Skill Enhancement Elective - I Practical	UGCSSECP304 A Web Programming -I	2
	Skill Enhancement Elective - II Practical	UGCSSECP304 B PL/SQL- I	2
UGCSGE305	Generic Elective - I	UGCSGE305 A Descriptive Statistics - II	4
	Generic Elective - I Practical	UGCSGEP305 Practical	2
	Generic Elective - II	UGCSGE305 B Game Programming	4

UGCSGE305

	Generic Elective - II Practical	UGCSGEP305 B Game Programming	2
TOTAL			26

SEMESTER - IV

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
UGCSC401	Core	Advanced Java	4
UGCSCP401	Core Subject Practical	UGCS401 Practical	2
UGCSC402	Core	Software Engineering	4
UGCSCP402	Core Subject Practical	UGCS402 Practical	2
UGCSC403	Core	Dot Net Technologies with C#	4
UGCSCP403	Core Subject Practical	UGCS403 Practical	2
UGCSSECP404	Skill Enhancement Elective - I Or	UGCSSECP404 A Web Programming II Or	2
	Skill Enhancement Elective - II	UGCSSECP404 B PL/SQL II	
UGCSGE405	Generic Elective - I	UGCSGE 405A Android Developer Fundamentals	4
	Generic Elective - I Practical	UGCSGEP405 A Android Developer Fundamentals	2
	Generic Elective - II	UGCSGE405 B Combinatorics & Graph Theory	4
	Generic Elective - II Practical	UGCSGEP405 B Combinatorics & Graph Theory	2
TOTAL			26

SEMESTER - V

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
UGCSC501	CORE	Software Testing and Quality Assurance	4
UGCSCP501	Core Subject Practical	UGCSC501 Practical	2
UGCSC502	CORE	Artificial Intelligence	4
UGCSCP502	Core Subject Practical	UGCSC502 Practical	2
UGCSDSE503A	Discipline Specific Elective - I	Web Services	4
UGCSDSEP503A	Discipline Specific Elective - I Practical	UGCSDSE503A Practical	2
UGCSDSE503B	Discipline Specific Elective - I	Linux Server Administration	4
UGCSDSEP503B	Discipline Specific Elective - I Practical	UGCSDSE503B Practical	2
UGCSDSE504A	Discipline Specific Elective - II	Cyber Forensics	4
UGCSDSEP504A	Discipline Specific Elective - II Practical	UGCSDSE504A Practical	2
UGCSDSE504B	Discipline Specific Elective - II	Digital Marketing	4
UGCSDSEP504B	Discipline Specific Elective - II Practical	UGCSDSE504B Practical	2
TOTAL			24

SEMESTER - VI

CODE	COURSE TYPE	SUBJECT	NO. OF CREDITS
UGCSC601	CORE	Data Science	4
UGCSCP601	Core Subject Practical	UGCSC501 Practical	2
UGCSC602	CORE	Project Implementation	4
UGCSCP602	Core Subject Practical	Project Documentation	2
UGCSDSE603A	Discipline Specific Elective - I	Ethical Hacking	4
UGCSDSEP603A	Discipline Specific Elective - I Practical	UGCSDSE603A Practical	2
UGCSDSE603B	Discipline Specific Elective - I	Cloud Computing	4
UGCSDSEP603B	Discipline Specific Elective - I Practical	UGCSDSE603B Practical	2
UGCSDSE604A	Discipline Specific Elective - II	Digital Image Processing	4
UGCSDSEP604A	Discipline Specific Elective - II Practical	UGCSDSE604A Practical	2
UGCSDSE604B	Discipline Specific Elective - II	Information Retrieval	4
UGCSDSEP604B	Discipline Specific Elective - II Practical	UGCSDSE604B Practical	2
TOTAL			24