

Bhavan's Vivekananda College

Department of Computer Science

Sainikpuri, Secunderabad

Autonomous College – Affiliated to Osmania University

BCA I Year

CBCS (Choice Based Credit System) w.e.f. 2019-2020

Scheme of Instruction and Examination

SEMESTER – I

Sl.No.	Code	Paper Title	Course Type	PPW		Max. Marks		Max. Marks		Credits
				TH	PR	TH	TH-CIA	PR	PR-CIA	
1	BCA 141	Environmental Studies	AECC1	2		50				2
2	BCA 142	Programming in 'C'	DSC1	4		70	30			4
3	BCA 143	Fundamentals of Information Technology	DSC2	4		70	30			4
4	BCA 144	General English	CC	4		70	30			4
5	BCA 145	Information Systems Theory and Applications	DSC3	4		70	30			4
6	BCA 142P	Programming in C Lab			4			50		2
7	BCA 143P	Fundamentals of Information Technology Lab			4			50		2
Total				18	8	330	120	100		22

AECC : Ability Enhancement Compulsory Course

GE : Generic Elective

DSC: Discipline Specific Course

SEC : Skill Enhancement Course

CC : Compulsory Course

DSE: Discipline Specific Elective

P. V. C. S. R. N.
 Board of Studies (IT)
 Dept. of Computer Science & Engg.
 Osmania University, Hyderabad-500007


 CHAIRPERSON
 BOS in Informatics
 Bhavan's Vivekananda College
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SEMESTER – II

Sl.No.	Code	Paper Title	Course Type	PPW		Max. Marks		Max. Marks		Credits
				TH	PR	TH	TH-CIA	PR	PR - CIA	
1	BCA 241	Programming in C++	DSC4	4		70	30			4
2	BCA 242	IT Hardware	DSC5	4		70	30			4
3	BCA 243	Gender Sensitization	AECC2	2		50				2
4	BCA 244	Data Communication and Networking	DSC6	4		70	30			4
5	BCA 245	Organizations and Functions	DSC7	4		70	30			4
6	BCA 241P	Programming in C++ Lab			4			50		2
7	BCA 242P	IT-Hardware Lab			4			50		2
Total				18	8	330	120	100		22

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BCA III SEMESTER

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Scheme of Instruction and Examination

Sl.No.	Code	Paper Title	Course Type	PPW		Max. Marks		Max. Marks		Credits	
				TH	PR	TH	TH-CIA	PR	PR - CIA		
1	BCA341	Effective Documentation and Presentation	SEC1	2		50				2	
2	BCA342	System Analysis and Logical Design	DSC8	4		70	30			4	
3	BCA343	Operating Systems	DSC9	4		70	30			4	
4	BCA344	Object Oriented Programming with Java	DSC10	4		70	30			4	
5	BCA345	Mobile Computing	DSC11	4		70	30			4	
5	BCA343P	Operating Systems Lab			4			50		2	
6	BCA344P	Object Oriented Programming with Java Lab			4			50		2	
7	BCA346	Seminar – I			4				50	2	
8	BCA347	MOOCs Course(NPTEL)			2		75	25		2	
Total					20	12	405	145	100	50	26

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Prati
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BCA IV SEMESTER

CBCS (Choice Based Credit System) w.e.f. 2020-2021

Scheme of Instruction and Examination

Sl.No.	Code	Paper Title	Course Type	PPW		Max. Marks		Max. Marks		Credits
				TH	PR	TH	TH-CIA	PR	PR-CIA	
1	BCA441	Effective Communication	SEC2	2		50				2
2	BCA442	Internet Protocols	DSC12	4		70	30			4
3	BCA443	Database Management System	DSC13	4		70	30			4
4	BCA444	GUI Programming and Data Structures (Using Java)	DSC14	4		70	30			4
4	BCA445	Artificial Intelligence	DSC15	4		70	30			4
5	BCA443P	Database Management System Lab			4			50		2
6	BCA444P	GUI Programming and Data Structures (Using Java) Lab			4			50		2
7	BCA446	Seminar – II			4				50	2
Total				18	12	330	120	100	50	24

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P.V. Srinivas

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