

SYLLABUS  
OF  
BACHELOR OF  
COMPUTER  
APPLICATIONS  
I , II & III YEAR  
(U.G)  
NON-CBCS



Bharatiya Vidya  
**Bhavan**

## BHAVAN'S VIVEKANANDA COLLEGE

OF SCIENCE, HUMANITIES AND COMMERCE

(Accredited with 'A' grade by NAAC)

Autonomous College

Affiliated to Osmania University

BCA I YEAR / I SEMESTER

S.No	Code	Subject	PPW		Credits	Max. Marks			
			TH	PR		TH	PR	TH-CIA	PR-CIA
1	BCA141	BUSINESS CORRESPONDENCE AND PRESENTATION	4	-	4	70	-	30	-
2	BCA142	MATHEMATICAL FOUNDATION IN COMPUTER SCIENCE	4	-	4	70	-	30	-
3	BCA143 / BCA143P	FUNDAMENTALS OF INFORMATION TECHNOLOGY	4	2	5	70	35	30	15
4	BCA144/ BCA144P	PROGRAMMING IN 'C' LANGUAGE	4	2	5	70	35	30	15
5	BCA145	INFORMATION SYSTEMS THEORY AND APPLICATIONS	4	-	4	70	-	30	-
Total			20	4	22	350	70	150	30

*P. S. Murthy*  
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BCA I YEAR / II SEMESTER

S.No	Code	Subject	PPW		Credits	Max. Marks			
			TH	PR		TH	PR	TH-CIA	PR-CIA
1	BCA241	EFFECTIVE DOCUMENTATION AND PRESENTATION	4	-	4	70	-	30	-
2	BCA242	DISCRETE MATHEMATICS	4	-	4	70	-	30	-
3	BCA243/ BCA243P	COMPUTER FUNDAMENTALS AND OFFICE	4	2	5	70	35	30	15
4	BCA244/ BCA244P	OBJECT ORIENTED PROGRAMMING WITH JAVA	4	2	5	70	35	30	15
5	BCA245	MANAGEMENT INFORMATION SYSTEMS	4	-	4	70	-	30	-
Total			20	4	22	350	70	150	30

*P. Shankar*  
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BCA II YEAR / I SEMESTER

S.No	Code	Subject	PPW		Credits	Max. Marks			
			TH	PR		TH	PR	TH-CIA	PR-CIA
1	BCA341	EFFECTIVE COMMUNICATION	4		4	70		30	
2	BCA342	DATA ANALYSIS	4		4	70		30	
3	BCA343/ BCA343P	IT HARDWARE	4	2	5	70	35	30	15
4	BCA344/ BCA344P	DATA STRUCTURES AND GUI PROGRAMMING(USING JAVA)	4	2	5	70	35	30	15
5	BCA345	ORGANIZATION AND FUNCTIONS	4		4	70		30	
Total			20	4	22	350	70	150	30

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*K. Mahi*  
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BCA II YEAR / II SEMESTER

S.No	Code	Subject	PPW		Credits	Max. Marks			
			TH	PR		TH	PR	TH-CIA	PR-CIA
1	BCA441	DATA COMMUNICATIONS AND NETWORKING	4		4	70		30	
2	BCA442/ BCA442P	OPERATING SYSTEMS	4	2	5	70	35	30	15
3	BCA443/ BCA443P	DATABASE MANAGEMENT AND DESIGN	4	2	5	70	35	30	15
4	BCA444/ BCA444P	WEB TECHNOLOGIES	4	2	5	70	35	30	15
5	BCA445	SYSTEM ANALYSIS AND LOGICAL DESIGN	4		4	70		30	
Total			20	6	23	350	105	150	45

*P. M. Nambiar*  
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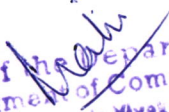
# Bhavan's Vivekananda College

Department of Computer Science  
Sainikpuri, Secunderabad  
Autonomous College – Affiliated to Osmania University  
BCA V SEMESTER  
NON-CBCS w.e.f. 2017-2018

## Scheme of Instruction and Examination

Sl.No.	Code	Paper Title	PPW		Max. Marks		Max. Marks	
			TH	PR	TH	TH-CIA	PR	PR-CIA
1	BCA541	Internet Protocols	4		70	30		
2	BCA542	Mobile Application Development	4		70	30		
3	BCA542P	Mobile Application Development Lab		3			50	
4	BCA543	Object Oriented System Development	4		70	30		
5	BCA543P	Object Oriented System Development Lab		3			50	
6		<b>Elective (Any one of the following including respective lab)</b>	4	3	70	30	50	
	BCA544a	Advanced Java Programming						
	BCA544aP	Advanced Java Programming Lab						
	BCA544b	Scripting Languages						
	BCA544bP	Scripting Languages Lab						
	BCA544c	Dot Net Programming						
	BCA544cP	Dot Net Programming Lab						
7	BCA545	Seminar-I		3				25
<b>Total</b>			<b>16</b>	<b>12</b>	<b>280</b>	<b>120</b>	<b>150</b>	<b>25</b>

  
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# Bhavan's Vivekananda College

Department of Computer Science

Sainikpuri, Secunderabad

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BCA VI SEMESTER

NON-CBCS w.e.f. 2017-2018

## Scheme of Instruction and Examination

Sl.No.	Code	Paper Title	PPW		Max. Marks		Max. Marks	
			TH	PR	TH	TH-CIA	PR	PR-CIA
1	BCA641	Information Security	4		70	30		
2	BCA642	System and Network Administration	4		70	30		
3	BCA643	Software Testing	4		70	30		
4		<b>Elective (Any one of the following)</b>	4		70	30		
	BCA644a	E-Commerce						
	BCA644b	Multimedia						
	BCA644c	Business Intelligence						
5	BCA645	Seminar-II		3				25
6	BCA646	Main Project		6			Grade	75
<b>Total</b>			<b>16</b>	<b>9</b>	<b>280</b>	<b>120</b>	<b>Grade</b>	<b>100</b>

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