

# Bhavan's Vivekananda College

Department of Computer Science

Sainikpuri, Secunderabad

Autonomous College – Affiliated to Osmania university

M.Sc. [Computer Science] I Year

CBCS (Choice Based Credit System) w.e.f. 2016-2017

## Scheme of Instruction and Examination

### SEMESTER – I

Paper	Code	Paper Title	PPW		Max. Marks		Max. Marks		Credits
			TH	PR	TH	TH-CIA	PR	PR-CIA	
I	CS101	Advanced Java Programming	4		70	30			4
II	CS102	Operating Systems	4		70	30			4
III	CS103	Software Engineering	4		70	30			4
IV	CS104	Discrete Mathematics	4		70	30			4
V	CS105	Advanced Java Programming Lab		6			75		3
VI	CS106	Operating Systems Lab		6			75		3
VII	CS107	Software Engineering Lab		4			50		2
<b>Total</b>			<b>16</b>	<b>16</b>	<b>280</b>	<b>120</b>	<b>200</b>		<b>24</b>

### SEMESTER – II

Paper	Code	Paper Title	PPW		Max. Marks		Max. Marks		Credits
			TH	PR	TH	TH-CIA	PR	PR-CIA	
I	CS201	Programming Using Python	4		70	30			4
II	CS202	Computer Networks	4		70	30			4
III	CS203	Design and Analysis of Algorithms	4		70	30			4
IV	CS204	Automata Language and Computation	4		70	30			4
V	CS205	Programming Using Python Lab		6			75		3
VI	CS206	Computer Networks Lab		6			75		3
VII	CS207	Design and Analysis of Algorithms Lab		4			50		2
<b>Total</b>			<b>16</b>	<b>16</b>	<b>280</b>	<b>120</b>	<b>200</b>		<b>24</b>

*Methi*  
Head of the Department  
Department of Computers  
Bharatiya Vidya Bhavan's Vivekananda College  
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*[Signature]*  
CHAIRMAN  
Board of Studies in Computer Science  
Dept. of Mathematics  
Osmania University, Hyd

# BHAVAN'S VIVEKANANDA COLLEGE

Department of Computer Science

Sainikpuri, Secunderabad

Autonomous College – Affiliated to Osmania University

M.Sc. [Computer Science] II Year

CBCS(Choice Based Credit System) w.e.f 2017-2018

Scheme of Instruction and Examination

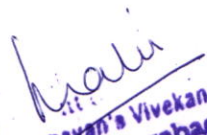
## SEMESTER-III

Paper	Code	Paper Title	PPW		Max Marks		Max Marks		Credits
			TH	PR	TH	TH-CIA	PR	PR-CIA	
I	CS301	C# Programming	4		70	30			4
II	CS302	Computer Organization	4		70	30			4
III	CS303(A)	Network Security	4		70	30			4
	CS303(B)	Big Data Analytics							
IV	CS304(A)	Object Oriented System Development	4		70	30			4
	CS304(B)	Data Mining							
V	CS305P	C# Programming Lab		6			75		3
VI	CS306P	Computer Organization Lab		6			75		3
VII	CS307(A)P	Network Security Lab		2			50		1
	CS307(B)P	Big Data Analytics Lab							
VIII	CS308P (AECC)	Personality Development and Soft Skills		2			25		1
Total			16	16	280	120	225		24

## SEMESTER - IV

Paper	Code	Paper Title	PPW		Max Marks		Max Marks		Credits
			TH	PR	TH	TH-CIA	PR	PR-CIA	
I	CS401	Compiler Design	4		70	30			4
II	CS402	Cloud Computing	4		70	30			4
III	CS403(A)	Mobile Computing	4		70	30			4
	CS403(B)	Distributed Systems							
IV	SECS404 (A)	Robotics And Artificial Intelligence	2		50				2
	SECS404 (B)	Internet Of Things							
V	SECS405P	Seminar		2			25		1
VI	CS406P	Project Work		18			200	50	9
Total			14	20	260	90	225	50	24

  
**CHAIRMAN**  
 Board of Studies In Computer Science  
 Dept. of Mathematics  
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