

**B.Sc. Computer Science/Information Technology (IT) Syllabus Under CBCS**

w.e.f.2015-2016 (Modified in April 2016)

**Structure of Computer Science/Information Technology (IT) Syllabus**

Semester	Paper	Subject	Hrs.	Credits	I A	ES	Total	
<b>FIRST YEAR</b>								
<b>SEMESTER VI</b>	<b>VII (A/B/ C) *</b>	<b>Elective-I</b>						
		A. Operating Systems	3	3	25	75	100	
		Operating Systems Lab	3	2	0	50	50	
		B. Computer Networks	3	3	25	75	100	
		Computer Networks Lab	3	2	0	50	50	
		C. Web Technologies	3	3	25	75	100	
	Web Technologies Lab	3	2	0	50	50		
	<b>VIII ** Clust er – A- A1,A2 or Clust er-B- B1,B2 Or Cluster - C – C1,C2</b>	<b>Elective-II(Cluster A)</b>						
		A1. Foundations of Data Science	3	3	25	75	100	
		Foundations of Data Science Lab (through R)	3	2	0	50	50	
		A2. Big Data Technology	3	3	25	75	100	
		Big Data Technology Lab (Hadoop)	3	2	0	50	50	
		<b>Elective-II(Cluster B)</b>						
		B1. Distributed Systems	3	3	25	75	100	
		Distributed Systems Lab	3	2	0	50	50	
		B2. Cloud Computing	3	3	25	75	100	
		Cloud Computing Lab	3	2	0	50	50	
		<b>Elective-II(Cluster C)</b>						
		C1. PHP – MySql & Wordpress	3	3	25	75	100	
		PHP-MySql & Wordpress Lab	3	2	0	50	50	
		C2. Advanced JavaScript : JQuery, Ajax, Angular JS & JSON	3	3	25	75	100	
		Advanced JavaScript Lab	3	2	0	50	50	
<b>Project – 2</b>			3	3	25	75	100	
<b>Viva</b>		2	2	-	50	50		

Revised

# Adikavi Nannaya University

## B.Sc. Computer Applications

### SEMESTER VI

w.e.f.2015-2016 admitted batch

Semester	Paper	Subject	Hrs.	Credits	I A	ES	Total	
<b>FIRST YEAR</b>								
<b>SEMESTER VI</b>	<b>VII (A/B)</b>	A. Operating Systems	3	3	25	75	100	
		Operating Systems Lab	3	2	0	50	50	
		B. Web Technologies	3	3	25	75	100	
		Web Technologies Lab	3	2	0	50	50	
	<b>VIII Cluster -A-A1,A2, A3</b>	<b>Elective-II(Cluster A)</b>						
		A1. Programming in C	3	3	25	75	100	
		Lab	3	2	0	50	50	
		A2.PHP and My SQL	3	3	25	75	100	
		Lab	3	2	0	50	50	
		<b>A3. Project</b>	3	3	25	75	100	
		<b>Viva</b>	2	2	-	50	50	

**ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM**

**B.Sc., STATISTICS (CBSE) COURSE STRUCTURE**

With effect from 2015-2016 Admitted Batch

Semester	Paper	Title of the Paper	Hours/Week	Credits	Marks		Total	
					I.A	S.E		
III	VI	Elective any one (A) or (B)						
		(A) Applied Statistics	3	3	25	75	100	
		Practical	2	2	-	50	50	
		(OR)						
		(B) Optimization Techniques	3	3	25	75	100	
		Practical	2	2	-	50	50	
		CLUSTER - A						
		A1: Demography and Vital Statistics	3	3	25	75	100	
		Practical	2	2	-	50	50	
		A2: Advanced Experimental Designs	3	3	25	75	100	
		Practical	2	2	-	50	50	
		A3: Project Work/ Self Study Course / MOU	3	3	25	75	150	
	Viva - Voce	2	2	-	50			
	(OR)							
	CLUSTER - B							
	B1: Operations Research - I	3	3	25	75	100		
	Practical	2	2	-	50	50		
	B2: Operations Research - II	3	3	25	75	100		
	Practical	2	2	-	50	50		
	B3: Project Work/ Self Study Course / MOU	3	3	25	75	150		
	Viva - Voce	2	2	-	50			
		VII*						
		VIII**						

\*Candidate has to choose only one paper from VII(A) or VII(B)

\*\*Candidates are advised to choose Cluster (A) if they have chosen VII (A) and Choose Cluster (B) if they have chosen VII(B)