

**જાણકારી નં. ૩૬**  
**તા. ૧૪/૧૨/૧૭**  
**બી.સી.એ. અભ્યાસક્રમ**

**B.C.A. (Semester – 1)**

**B.C.A. (Semester – 2)**

SR. NO.	COURSE	No. OF LECT./Lab. PER WEEK	CREDIT	SR. NO.	COURSE	No. OF LECT./Lab. PER WEEK	CREDIT
1.	CS – 01 TECHNICAL COMMUNICATION SKILL	5	5	1.	CS – 07 DATA STRUCTURE USING C LANGUAGE	5	5
2.	CS – 02 PROBLEM SOLVING METHODOLOGIS AND PROGRAMMING IN C	5	5	2.	CS – 08 WEB PROGRAMMING	5	5
3.	CS – 03 COMPUTER FUNDAMENTALS AND EMERGING TECHNOLOGY	5	5	3.	CS – 09 COMPUTER ORGANIZATION & ARCHITECTURE	5	5
4.	CS – 04 NETWORKING & INTERNET ENVIRONMENT	5	5	4.	CS – 10 MATHEMATICAL AND STATISTICAL FOUNDATION OF COMPUTER SCIENCE	5	5
5.	CS – 05 PRACTICALS-1 ( BASED ON CS-04 & PC SOFTWARE )	5	5	5.	CS – 11 PRACTICALS-1 (BASED ON CS-07)	5	5
6.	CS – 06 PRACTICALS-2 ( BASED ON CS-2 )	5	5	6.	CS – 12 PRACTICALS-2 (BASED ON CS-08)	5	5
<b>Total Credits of Semester – 1</b>				<b>Total Credits of Semester – 2</b>			
<b>30</b>				<b>30</b>			

B.C.A. (Semester – III)			
SR.NO	SUBJECT	NO. OF LECT. PER WEEK	Credit
1	CS – 13 SAD, Software Quality Assurance and Testing	5	5
2	CS – 14 C++ and Object Oriented Programming	5	5
3	CS – 15 RDBMS Using Oracle	5	5
4	CS – 16 Content Management System using Word Press	5	5
5	CS – 17 Practical (Based On CS-13, CS-14)	5	5
6	CS – 18 Practical (Based On CS-15, CS-16,)	5	5
<b>Total Credits</b>			<b>30</b>

B.C.A. (Semester – IV)			
SR.NO	SUBJECT	NO. OF LECT. PER WEEK	CREDIT
1	CS – 19 Programming with JAVA	5	5
2	CS – 20 Programming with C#	5	5
3	CS – 21 Network Technology and Administration	5	5
4	CS – 22 Operating Systems Concepts With Unix / Linux	5	5
5	CS – 23 Practical (Based On CS-19, CS-22)	5	5
6	CS – 24 Practical (Based On CS-20)	5	5
<b>Total Credit</b>			<b>30</b>

B.C.A. (Semester – V)			
SR.NO	SUBJECT	NO. OF THEORY LECT. PER WEEK	NO. OF PRACTICAL PER WEEK
1	CS – 25 Advance Java Programming (J2EE)	5	6
2	CS – 26 Programming with ASP.NET	5	6
3	CS – 27 Web Searching Technology and Search Engine Optimization	5	3
4	CS – 28 Practical - 1 (based on CS-25)	5	-
5	CS – 29 Practical – 2 (based On CS-26 and CS-27)	-	-
6	CS – 30 Project Viva	-	6

B.C.A. (Semester – VI)			
SR.NO	SUBJECT	NO. OF THEORY LECT. PER WEEK	NO. OF PRACTICAL PER WEEK
1	CS – 31 Mobile Computing using Android and iPhone	5	6
2	CS – 32 Data Warehousing and Data Mining	5	6
3	CS – 33 Administration of SQL Server 2012	5	3
4	CS – 34 Practical - 1 (based on CS-31)	5	-
5	CS – 35 Practical – 2 (based On CS-32 and CS-33)	-	-
6	CS – 36 Project Viva	-	6

**નોંધ :- (પ્રાપ્તિ સ્થાન:- સૌરાષ્ટ્ર યુનિવર્સિટી)**

★ તમામ મુખ્ય નોટીસબોર્ડ (૦૩), ★ તમામ સ્ટાફરૂમ (૧૭), ★ તમામ ઓફીસ રૂમ (૦૮), ★ તમામ હોસ્ટેલ નોટીસ બોર્ડ (૧૧)

**મેનેજમેન્ટ વતી**