

“Education for knowledge, science and culture” Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha’s

Vivekanand College (Autonomous), Kolhapur.

B.Sc (Computer science Entire) Part –I

CBCS Pattern 2021-22

Sr. No	Course Title	SEMESTER – I (Duration – 6 Months)																				
		Teaching Scheme																		Examination scheme		
		Theory			Practical			Theory			Internal			Total			Total					
No. of lectures	Hours	Credits	No. of Lectures	Hours	Credits	Max.	Min.	Hours	Max	Min	Max.	Min.	Hours	Max	Min	Max.	Min.	Max.	Min.	Hours.		
1	GEC-1300A1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	Practical examination is annual		
2	GEC-1300A2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40			
3	GEC-1301A1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40			
4	GEC-1301A2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40			
5	GEC-1302A1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40			
6	GEC-1302A2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40			
7	CS-CC-A1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40			
8	CS-CC-A2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40			
9	AECC-A	4	3.2	2	-	-	-	35	14	2			15	6	0.5			50	20	-	-	-
	Total	28	22.8	18	16	12.8	8	315					135	-				450	-			
Semester-II(duration 6 months)																						
10	GEC-1300B1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
11	GEC-1300B2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
12	GEC-1301B1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
13	GEC-1301B2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
14	GEC-1302B1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
15	GEC-1302B2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
16	CS-CC-B1	3	4	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
17	CS-CC-B2	3	8	4	4	3.2	2	35	14	2	70	28	15	6	1	30	12	100	40	100	40	
18	AECC-B	4	3.2	2	-	-	-	35	14	2			15	6	0.5			50	20	-	-	

		2																			
		2	2	1	16	12.8	8	315	-	-							-	450		400	-
		8	2.	8																	
		4																			
		6	4.	3	32	25.6	16											900			
		8	8	6																	
	Total	5	4	3	32	25.6	16											900			
		6	4.	6																	
		8	8																		

Sr. No	Course Name	Paper name	Credits	Marks
<b>Semester I</b>				
1	GEC-1300A1	Discrete mathematics	04	70+30=100
2	GEC-1300A2	Algebra		
3	GEC-1301A1	Analogue electronics-I	04	70+30=100
4	GEC-1301A2	Digital electronics		
5	GEC-1302A1	Descriptive statistics-I	04	70+30=100
6	GEC-1302A2	Probability & discrete probability		
7	CC-CS-1303A1	Introduction to computers-I	04	70+30=100
8	CC-CS-1303A2	Programming in 'C'-I		
9	AECC-A	Communication Skills-I	02	35+15=50

Sr. No	Course Name	Paper name	Credits	Marks
<b>Semester II</b>				
1	GEC-1300B1	Graph theory	04	70+30=100
2	GEC-1300B2	Calculus		
3	GEC-1301B1	Analog electronics-II	04	70+30=100
4	GEC-1301B2	Microprocessor & assembly language programming		
5	GEC-1302B1	Descriptive statistics-II	04	70+30=100

6	GEC-1302B1	Continuous probability distribution & testing of hypothesis		
7	CC-CS-1303B1	Introduction to computers-II	04	70+30=100
8	CC-CS-1303B2	Programming in 'C'-II		
9	AECC-B	Communication Skills-II	02	40+10=50
10	GEC-1300P1	Mathematics Lab course	04	100
11	GEC-1301P1	Electronics Lab course	04	100
12	GEC-1302P1	Statistics Lab course	04	100
13	CC-CS1303P1	Computer Science Lab Course	04	100
			52	1300