

SWAMI VIVEKANAND UNIVERSITY, SIRONJA, SAGAR (M.P.)



SCHEME

For

DIPLOMA IN ENGINEERING (3 YEAR) COMPUTER SCIENCE & ENGINEERING

Course Code: DCSE

Department of Computer Science & Engineering

Faculty of Engineering

Duration of Course : 3 Year

Examination Mode : Semester

Examination System : Grading

Swami Vivekanand University, Sironja Sagar (M.P.)

2016-2017

Swami Vivekanand University, Sagar(M.P.)

Faculty : Engineering

Department : Computer Science & Engineering

Scheme of Course : Diploma In Computer Science & Engineering

Course Code : DCSE

WEF 2016-2017

Semester I Branch - Diploma in Computer Science and Engineering

Subject Wise Distribution of Marks And Corresponding Credits

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Grand Total (H= D+G)	Duration of Theory Exam
		L	T	P		Theory					Practical						
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal	Total (G= E+F)			
						Max (A)	Min	TW (B)	MST (C)		Max (E)	Min			LW (F)		
DCSE-0101	Communication Skills	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCSE-0102	Physics	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0103	Chemistry	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0104	Mathematics	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCSE-0105	Professional Activities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	12	4	4	20	280	-	40	80	400	60	-	40	100	500		

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Semester II Branch - Diploma in Computer Science and Engineering

Subject Wise Distribution of Marks And Corresponding Credits

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Grand Total (H= D+G)	Duration of Theory Exam
		L	T	P		Theory					Practical						
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		LW (F)	Total (G= E+F)			
						Max (A)	Min	TW (B)	MST (C)		Max (E)	Min					
DCSE-0201	Applied Mechanics	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0202	Environmental Engineering and Safety	3	1	-	4	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0203	Introduction to Computers	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0204	Engineering Drawing	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCSE-0205	Workshop Practice	-	-	4	4	-	-	-	-	-	60	18	40	100	100	-	
DCSE-0206	Professional Activities	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	
	Total	12	4	10	26	280	-	40	80	400	150	-	100	250	650		

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Semester III Branch - Diploma in Computer Science and Engineering

Subject Wise Distribution of Marks And Corresponding Credits

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Grand Total (H=D+G)	Duration of Theory Exam
		L	T	P		Theory					Practical						
						End Sem.		Internal		Total (D=A+B+C)	End Sem.		Internal	Total (G=E+F)			
						Max (A)	Min	TW (B)	MST (C)		Max (E)	Min			LW (F)		
DCSE-0301	Computer Architecture	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCSE-0302	Operating System	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0303	Data Communication	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCSE-0304	Data Structure & Algorithms	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0305	Programming With C++	-	-	2	2	-	-	-	-	-	30	9	20	50	50	3 Hrs	
DCSE-0306	Visual Basic Programming	-	-	2	2	-	-	-	-	-	30	9	20	50	50	3 Hrs	
DCSE-0307	Professional Activities	-	-	2	2	-	-	-	-	-	-	-	50	50	50		
	Total	12	4	10	26	280	-	40	80	400	120	-	130	250	650		

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Semester IV Branch - Diploma in Computer Science and Engineering

Subject Wise Distribution of Marks And Corresponding Credits

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credi t	Distribution of Marks										Duratio n of Theory Exam
		L	T	P		Theory					Practical				Grand Total (H= D+G)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Interna l	Tota l (G= E+F)		
						Ma x (A)	Mi n	T W (B)	MS T (C)		Ma x (E)	Mi n				
DCSE-0401	Computer Network	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCSE-0402	Database Management System	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs
DCSE-0403	Linux and Shell programming	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs
DCSE-0404	Microprocessor & Interface	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs
DCSE-0405	Entrepreneurship	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCSE-0406	Industrial Training (2 weeks)	-	-	2	2	-	-	-	-	-	50	-	-	50	50	3 Hrs
DCSE-0407	Professional Activities	-	-	2	2	-	-	-	-	-	-	-	50	50	50	
	Total	15	5	10	30	350	-	50	100	500	140	-	110	250	750	

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Semester V Branch - Diploma in Computer Science and Engineering

Subject Wise Distribution of Marks And Corresponding Credits

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Grand Total (H= D+G)	Duration of Theory Exam
		L	T	P		Theory					Practical						
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal	Total (G= E+F)			
						Max (A)	Min	TW (B)	MST (C)		Max (E)	Min			LW (F)		
DCSE-0501	Web Technology	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0502	Java Programming	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0503	Hardware Installation And Maintenance	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs	
DCSE-0504	Software Engineering	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCSE-0505	Wireless And Mobile Computing	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCSE-0506	Professional Activities	-	-	2	2	-	-	-	-	-	-	-	50	-	50		
	Total	15	5	8	28	350	-	50	100	500	90	-	110	150	700		

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Semester VI Branch - Diploma in Computer Science and Engineering

Subject Wise Distribution of Marks And Corresponding Credits

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Duration of Theory Exam
		L	T	P		Theory					Practical			Grand Total (H=D+G)		
						End Sem.		Internal		Total (D=A+B+C)	End Sem.		Internal		Total (G=E+F)	
						Max (A)	Min	TW (B)	MST (C)		Max (E)	Min				
DCSE-0601	Computer Graphics Multimedia and Animation	3	1	2	6	70	22	10	20	100	30	9	20	50	150	3 Hrs
DCSE-0602	ELECTIVE -I (Refer table below)	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCSE-0603	ELECTIVE -II (Refer table below)	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCSE-0604	PROJECT	-	-	12	12	-	-	-	-	-	200	-	-	100	300	3 Hrs
DCSE-0605	Professional Activities	-	-	2	2	-	-	-	-	-	-	-	50	50	50	
	Total	9	3	16	28	210	-	30	60	300	230	-	170	400	700	

ELECTIVE -I

DCSE-0602(A) - Advanced Web Technology

DCSE-0602(B) - Network Security And Management

ELECTIVE -II

DCSE-0603(A) - Artificial Intelligence and Expert System

DCSE-0603(B) - Data Mining and Data Warehousing