

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



SCHEME

For

**DIPLOMA IN ENGINEERING (3 YEAR)
CEMENT TECHNOLOGY
Course Code : DCT**

Department of Civil Engineering
Faculty of Engineering

Duration of Course : 3 Year
Examination Mode : Semester
Examination System : Grading

Swami Vivekanand University, Sironja Sagar (M.P.)
2014-2015



Swami Vivekanand University, Sagar (M.P.)

Scheme of Examination



Faculty of Engineering

Department of Civil Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Cement Technology Course Code : DCT

Semester/Year - 1st Sem

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				
DCT-0101	Communication Skills	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCT-0102	Physics	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DCT-0103	Chemistry	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DCT-0104	Mathematics	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCT-0105	Professional Activities (2 Hrs per week)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	12	04	04	20	280	-	40	80	400	60	-	40	100	500	



Swami Vivekanand University, Sagar (M.P.)

Scheme of Examination



Faculty of Engineering
Scheme of Course : Diploma in Engg.(3 Year) – Cement Technology

Department of Civil Engineering
Course Code : DCT Semester/Year - 2nd Sem

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				LW (F)	
DCT-0201	Applied Mechanics	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0202	Environmental Engineering and Safety	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCT-0203	Introduction to Computers	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0204	Engineering Drawing	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0205	Workshop Practice	-	-	4	4	-	-	-	-	-	60	18	40	100	100	-	
DCT-0206	Professional Activities (2 Hrs per week)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Total	12	4	10	26	280	-	40	80	400	150	-	100	250	650	-	



Swami Vivekanand University, Sagar (M.P.)

Scheme of Examination



Faculty of Engineering Department of Civil Engineering
 Scheme of Course : Diploma in Engg.(3 Year) – Cement Technology Course Code : DCT Semester/Year – 3rd Sem

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			LW (F)		
DCT-0301	Production Process	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCT-0302	Fuels, Furnaces And Pyrometry	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCT-0303	Engineering Geology	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0304	Cement & Its Chemistry	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0305	Surveying-I	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0306	Self Study / Practical Of Basic Civil (Internal Evaluation)	0	0	2	2	-	-	-	-	-	-	-	50	50	50	-	
	Total	15	05	08	28	350	-	50	100	500	90	-	110	200	700		



Swami Vivekanand University, Sagar (M.P.)

Scheme of Examination



Faculty of Engineering

Department of Civil Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Cement Technology Course Code : DCT

Semester/Year – 4th Sem

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				
DCT-0401	Concrete Technology	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCT-0402	Thermodynamics	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DCT-0403	Fuel technology	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCT-0404	Building Construction	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DCT-0405	Hydraulic & Hydraulic Machine	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DCT-0406	Seminar / Group Discussion (Internal Assessment)	0	0	0	2	-	-	-	-	-	-	-	50	50	50	-
	Total	15	05	08	28	350	-	50	100	500	90	-	110	200	700	



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Faculty of Engineering

Department of Civil Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Cement Technology Course Code : DCT

Semester/Year – 5th Sem

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				
DCT-0501	Cement Technology – II	3	1	-	4	70	22	10	20	100	30	09	20	50	150	3 Hrs
DCT-0502	Mechanical & Thermal Behavior of Materials	3	1	2	6	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCT-0503	Entrepreneurship & Managerial Accounting	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCT-0504	Renewable Energy & Resource	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DCT-0505	Theory of Machine	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DCT-0506	Tour Training	0	0	2	2	-	-	-	-	-	30	09	20	50	50	-
DCT-0507	Minor Project	0	0	2	2	-	-	-	-	-	30	09	20	50	50	-
	Total	15	05	08	28	350	-	50	100	500	120	-	80	200	700	



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Scheme of Course : Diploma in Engg.(3 Year) – Cement Technology Course Code : DCT

Semester/Year – 6th Sem

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				LW (F)	
DCT-0601	Process Control	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCT-0602	Refractories	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0603	Mechanical Measurement & Control	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs	
DCT-0604	Instrumentation &Control	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs	
DCT-0605	Major Project	-	-	6	6	-	-	-	-	-	100	50	50	150	150	-	
DCT-0606	Seminar	0	0	2	2	-	-	-	-	-	-	-	50	50	50	-	
	Total	12	04	12	28	28	-	40	80	400	160	-	140	300	700		