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

SCHEME

For

DIPLOMA IN ENGINEERING (3 YEAR)

MECHANICAL ENGINEERING

Course Code : DME

Department of Mechanical 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.)
Scheme of Examination

Faculty of Engineering — Department of Mechanical Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Mechanical Engineering Course Code : DME Semester/Year - 1st Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Duration of Theory Exam
						Theory					Practical				Grand Total (H= D+G)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal	Total (G= E+F)		
		L	T	P		Max (A)	Min	TW (B)	MST (C)		Max (E)	Min	LW (F)			
DME-0101	Communication Skills	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0102	Physics	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0103	Chemistry	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0104	Mathematics	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0105	Professonal 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 — Department of Mechanical Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Mechanical Engineering Course Code : DME Semester/Year - 2nd Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Duration of Theory Exam
						Theory					Practical				Grand Total (H= D+G)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal	Total (G= E+F)		
		L	T	P		Max (A)	Min	TW (B)	MST (C)		Max (E)	Min	LW (F)			
DME-0201	Applied Mechanics	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0202	Environmental Engineering and Safety	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0203	Introduction to Computers	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0204	Engineering Drawing	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0205	Workshop Practice	-	-	4	4	-	-	-	-	-	60	18	40	100	100	-
DME-0206	Professonal Activities (2 Hrs per week)	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-
	Total	12	4	12	28	280	-	40	80	400	150	-	100	250	650	-

Swami Vivekanand University, Sagar (M.P.)
Scheme of Examination

Faculty of Engineering — Department of Mechanical Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Mechanical Engineering Course Code : DME Semester/Year – 3rd Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Duration of Theory Exam
						Theory					Practical				Grand Total (H= D+G)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal	Total (G= E+F)		
		L	T	P		Max (A)	Min	TW (B)	MST (C)		Max (E)	Min	LW (F)			
DME-0301	Material Technology	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0302	Manufacturing Process	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0303	Basic Electrical & Electronics	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0304	Mechanical Drafting & Auto CAD	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0305	Strength of Material	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
	Total	15	05	06	28	350	-	50	100	500	120	-	80	200	700	

Swami Vivekanand University, Sagar (M.P.)
Scheme of Examination

Faculty of Engineering — Department of Mechanical Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Mechanical Engineering Course Code : DME Semester/Year – 4th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Duration of Theory Exam
						Theory					Practical				Grand Total (H= D+G)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal	Total (G= E+F)		
		L	T	P		Max (A)	Min	TW (B)	MST (C)		Max (E)	Min	LW (F)			
DME-0401	Fluid Mechanics & Hydraulic Machine	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0402	Thermal Engineering	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0403	Theory of Machine	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0404	Industrial Management	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0405	Optional(any one)Entrepreneurship / Marketing Management	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0406	Professional Activities	-	-	2	2	-	-	-	-	-	-	-	-	-	-	
	Total	15	05	08	28	350	-	50	100	500	120	-	80	200	650	

Swami Vivekanand University, Sagar (M.P.)
Scheme of Examination

Faculty of Engineering — Department of Mechanical Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Mechanical Engineering Course Code : DME Semester/Year – 5th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Duration of Theory Exam
						Theory					Practical				Grand Total (H= D+G)	
						End Sem.		Internal		Total (D= A+B+C)	End Sem.		Internal	Total (G= E+F)		
		L	T	P		Max (A)	Min	TW (B)	MST (C)		Max (E)	Min	LW (F)			
DME-0501	Process Planning Estimating and Costing	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0502	Machine Tool Technology	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0503	Engineering Measurement and Maintenance Practices	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0504	Modern Practices in Manufacturing and Management	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0505	Industrial Engineering	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0506	Professional Activities	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-
	Total	15	05	08	30	350	-	50	100	500	120	-	80	200	700	

Swami Vivekanand University, Sagar (M.P.)
Scheme of Examination

Faculty of Engineering — Department of Mechanical Engineering

Scheme of Course : Diploma in Engg.(3 Year) – Mechanical Engineering Course Code : DME Semester/Year – 6th Sem

Paper / Subject Code	Title of the Paper / Subject	Credit Allotted			Total Credit	Distribution of Marks										Duration of Theory Exam
						Theory					Practical				Grand Total (H= D+G)	
						End Sem.		Internal		Total (D= A +B+C)	End Sem.		Internal	Total (G= E+F)		
		L	T	P		Max (A)	Min	TW (B)	MST (C)		Max (E)	Min	LW (F)			
DME-0601	Design of Machine Elements	3	1	-	4	70	22	10	20	100	-	-	-	-	100	3 Hrs
DME-0602	Automobile Engineering	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0603	Optional(any one) Refrigeration and Air Conditioning / Power plant Engineering	3	1	2	6	70	22	10	20	100	30	09	20	50	150	3 Hrs
DME-0604	Project	0	0	14	14	-	-	-	-	-	200		100	300	300	-
	Total	15	03	18	30	210	-	30	60	300	260	-	140	400	700	