

STUDY & EVALUATION SCHEME
DIPLOMA- MECHANICAL ENGINEERING (PRODUCTION)
I YEAR: I SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMA1001	Basic Mathematics	4	1	-	40	60	100	4
2	DPH1001/DCY1001	Physics/Chemistry	4	1	-	40	60	100	4
3	DHU1001	English	2	1	-	40	60	100	2
4	DCS1001/DEE1001	Computer Fundamentals/Fundamental of Electrical and Electronics Engg.	3	-	-	40	60	100	3
5	DES1001	Environmental Studies (Chemistry Group)	2	-	-	20	30	50	2
PRACTICAL/TRAINING/PROJECT									
7	DPH1501/DCY1501	Physics/Chemistry Lab	-	-	2	80	20	100	1
8	DHU1501	English Lab	-	-	2	100	-	100	1
9	DCS1501/DEE1501	Computer Fundamentals/Fundamental of Electrical and Electronics Engg. Lab	-	-	2	80	20	100	1
10	DME1501	Basic Workshop Practice	-	-	4	80	20	100	2
11	DME1502	Engineering Graphics Lab	-	-	4	80	20	100	2
TOTAL			15	3	14	600	350	950	22

L - Lecture

T - Tutorial

P - Practical

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STUDY & EVALUATION SCHEME
DIPLOMA- MECHANICAL ENGINEERING (PRODUCTION)
I YEAR: II SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMA2001	Engineering Mathematics	4	1	-	40	60	100	4
2	DPH2001/DCY2001	Physics/Chemistry	4	1	-	40	60	100	4
3	DCS2001/DEE2001	Computer Fundamentals/Fundamental of Electrical and Electronics Engg.	3	-	-	40	60	100	3
4	DME2002	Engineering Mechanics	3	1	-	40	60	100	3
5	DHU2002	Communication Skills	2	1	-	40	60	100	2
6	DES2001	Environmental Studies (Physics Group)	2	-	-	20	30	50	2
PRACTICAL/TRAINING/PROJECT									
7	DPH2501/DCY2501	Physics/Chemistry Lab	-	-	2	80	20	100	1
8	DCS2501/DEE2501	Computer Fundamentals/Fundamental of Electrical and Electronics Engg. Lab	-	-	2	80	20	100	1
9	DME2503	Engineering Mechanics Lab	-	-	2	80	20	100	1
10	DHU2502	Communication Skills Lab	-	-	2	100	-	100	1
11	DME2501	Workshop Practice (Group Wise)	-	-	4	80	20	100	2
12	DME2502	Engineering Graphics Lab (CAD Portion)	-	-	4	80	20	100	2
TOTAL			18	4	16	720	430	1150	26

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STUDY & EVALUATION SCHEME
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II YEAR: III SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMA3001	Applied Mathematics	4	1	-	40	60	100	4
2	DME3002	Strength of Materials	3	1	-	40	60	100	3
3	DME3001	Mechanical Engineering Materials	3	-	-	40	60	100	3
4	DEE3004	Electrical Engineering	3	1	-	40	60	100	3
5	DME3004	Manufacturing Technology	3	-	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
6	DME3507	Workshop Drawing Lab	-	-	4	80	20	100	2
7	DME3504	Strength of Materials Lab	-	-	2	80	20	100	1
8	DEE3505	Electrical Engineering Lab	-	-	2	80	20	100	1
9	DME3501	Manufacturing Technology Lab	-	-	4	80	20	100	2
10	DME3502	Professional Practices-I	-	-	2	100	-	100	1
TOTAL			16	3	14	620	380	1000	23
ADDITIONAL SUBJECT FOR LATERAL ENTRY									
11	DME3506	Engineering Graphics Lab (CAD Portion)	-	-	4	80	20	100	2
TOTAL			16	3	14	700	400	1100	25

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STUDY & EVALUATION SCHEME
DIPLOMA- MECHANICAL ENGINEERING (PRODUCTION)
II YEAR: IV SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DCS4006	Computer Programming in C	3	-	-	40	60	100	3
2	DME4001	Theory of Machines and Mechanism	3	1	-	40	60	100	3
3	DME4002	Production Process	3	-	-	40	60	100	3
4	DME4003	Thermal Engineering	3	1	-	40	60	100	3
5	DME4004	Fluid Mechanics and Machinery	3	1	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
6	DCS4507	Computer Programming in C Lab	-	-	2	80	20	100	1
7	DME4501	Theory of Machines and Mechanism Lab	-	-	2	80	20	100	1
8	DME4502	Production Process Lab	-	-	2	80	20	100	1
9	DME4503	Thermal Engineering Lab	-	-	2	80	20	100	1
10	DME4504	Fluid Mechanics and Machinery Lab	-	-	2	80	20	100	1
11	DME4508	Mechanical Engineering Drawing Lab	-	-	4	80	20	100	2
12	DME4507	Professional Practice-II	-	-	2	100	-	100	1
13	DSS4501	Soft Skill	-	-	2	100	-	100	1
TOTAL			15	3	18	880	420	1300	24
ADDITIONAL SUBJECT FOR LATERAL ENTRY									
13	DMA4001	Engineering Mathematics	4	1	-	40	60	100	4
TOTAL			19	4	18	920	480	1400	28

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STUDY & EVALUATION SCHEME
DIPLOMA- MECHANICAL ENGINEERING (PRODUCTION)
III YEAR: V SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DME5012	Metal Cutting Principle and Machining Technology	2	-	-	40	60	100	2
2	DME5001	Advanced Manufacturing Process	3	-	-	40	60	100	3
3	DME5020	Welding Technology	3	-	-	40	60	100	3
4	DME5014	Measurement Metrology and Control	3	-	-	40	60	100	3
5	DME5026	Refrigeration and Air Conditioning	3	1	-	40	60	100	4
6	----	Elective –I	3	-	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
7	DME5512	Metal Cutting Principle and Machining Technology Lab	-	-	2	80	20	100	1
8	DME5501	Advanced Manufacturing Process Lab	-	-	2	80	20	100	1
9	DME5521	Welding Technology Lab	-	-	2	80	20	100	1
10	DME5514	Measurement Metrology and Control Lab	-	-	2	80	20	100	1
11	DME5529	Refrigeration and Air Conditioning Lab	-	-	2	80	20	100	1
12	DME5515	Industrial Training and Project	-	-	2	100	-	100	1
13	DSS5501	Soft Skill	-	-	2	100	-	100	1
TOTAL			17	1	14	840	460	1300	25

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STUDY & EVALUATION SCHEME
DIPLOMA- MECHANICAL ENGINEERING (PRODUCTION)
III YEAR: VI SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
THEORY									
1	DMG6002	Industrial Management and Entrepreneurship Development	3	-	-	40	60	100	3
2	DME6009	Industrial Engineering and Safety	3	-	-	40	60	100	3
3	DME6010	Power Engineering and Industrial Fluid Power	4	-	-	40	60	100	4
4	DME6012	Design of Machine Elements	3	1	-	40	60	100	4
5	-----	Elective II	3	-	-	40	60	100	3
PRACTICAL/TRAINING/PROJECT									
6	DME6510	Power Engineering and Industrial Fluid Power Lab	-	-	2	80	20	100	1
7	DME6511	Project	-	-	12	80	20	100	6
8	DME6505	Professional Practice-III	-	-	2	100	-	100	1
9	-----	Elective-II	-	-	2	80	20	100	1
TOTAL			15	1	18	540	360	900	26

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LIST OF ELECTIVES-I (V SEMESTER)

S. NO.	SUBJECT CODE	SUBJECT
1	DME5102	Alternate Energy Sources and Management
2	DME5103	Power Plant Engineering
3	DME5104	Material Handling Systems

LIST OF ELECTIVES-II (VI SEMESTER)

S. NO.	SUBJECT CODE	SUBJECT
1	DME6101	Automobile Engineering
2	DME6102	Mechatronics
3	DME6104	CAD-CAM and Automation
4	DME6108	Non Destructive Testing
S. NO.	PRACTICAL CODE	PRACTICAL NAME
1	DME6701	Automobile Engineering Lab
2	DME6702	Mechatronics Lab
3	DME6704	CAD-CAM and Automation Lab
4	DME6708	Non Destructive Testing Lab