

VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING (MECHANICAL ENGINEERING)

III SEMESTER

Sr. No.	Subject Code	Subject Title	Teaching Hours			Credit
			Lecture	Tutorial	Practical	
1	DME 301	Strength of Materials	3	1	-	3.5
2	DME 310	Engineering Materials & Material Science	3	-	-	3.0
3	DME 303	Thermal Engineering	3	1	-	3.5
4	ENG 108	Technical communication	2	-	-	2.0
5	DME 305	Mechanical Engineering Drawing	-	-	4	2.0
6	DME 306	Mechanical Engineering Workshop	-	-	4	2.0
7	DME 307	Strength of Material Lab.	-	-	4	2.0
8	DME 311	Engineering Materials & Material Science Lab.	-	-	4	2.0
9	DME 309	Thermal Engineering Lab.	-	-	4	2.0
10	ENG 112	Advance Soft Skill	-	-	2	1.0
Total			11	02	22	23

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IV SEMESTER

Sr. No.	Subject Code	Subject Title	Teaching Hours			Credit
			Lecture	Tutorial	Practical	
1	DME 401	Production Technology-I	3	--	-	3.0
2	DME 402	Industrial Engineering	3	1	-	3.5
3	DCS 402	Computer Programming Using C	2	1	-	2.5
4	DME 404	Theory of Machines	3	1	-	3.5
5	DME 405	Heat Transfer	3	1	-	3.5
6	DME 406	Production Technology Lab.-I	-	-	4	2.0
7	DME 407	Heat Transfer Lab.	-	-	4	2.0
8	DME 408	Theory of Machines Lab.	-	-	4	2.0
9	DCS 406	Computer Programming Using C Lab	-	-	4	2.0
10	MGT 110	General Aptitude	-	-	2	1.0
Total			14	4	18	25

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V SEMESTER

Sr. No.	Subject Code	Subject Title	Teaching Hours			Credit
			Lecture	Tutorial	Practical	
1	DME 501	Power Plant Engineering	3	-	-	3.0
2	DME 502	Refrigeration & Air-conditioning	3	1	-	3.5
3	DME 514	Hydraulics	3	-	-	3.0
4		ELECTIVE	3	1	-	3.5
5	DME 506	Meteorology and Measuring Instruments	3	-	-	3.0
6	DME 507	Refrigeration & Air-conditioning Lab.	-	-	4	2.0
7	DME 508	Production Technology Lab.-II/	-	-	4	2.0
	DME 509	Automobile Engineering Lab			4	
8	DME 510	Meteorology and Measuring Instruments Lab.	-	-	4	2.0
9	DME 511	Industrial Training & seminar	-	-	4	2.0
10	DME 515	Hydraulics Lab.	-	-	2	1.0
11	DME 513	*Skill development Course	-	-	2	1.0
Total			15	02	20	26

ELECTIVE :

DME 504 Production Technology-II
DME 505 Automobile Engineering

*Skill development Course : AutoCAD

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VI SEMESTER

Sr. No.	Subject Code	Subject Title	Teaching Hours			Credit
			Lecture	Tutorial	Practical	
1	DME 601	Unconventional Machining Processes	3	-	-	3.0
2	DME 602	Automation in Production	3	1	-	3.5
3	DME 603	Design of Machine Elements	3	1	-	3.5
4	DME 604	Internal Combustion Engines	3	-	-	3.0
5	DME 605	Design of Machine Elements Sessional	-	-	2	1.0
6	DME 606	Automation in Production Lab.	-	-	4	2.0
7	DME 607	Project Work	-	-	10	5.0
8	DME 608	Basic Industrial Robotics	-	-	02	1.0
Total			12	02	18	22