

Diploma ME Course Scheme (Session 2018-2021)

Choice Based Credit System

Semester I					
Subject Code	Name of Subject	L	T	P	Credits
9D.103	Basic Mathematics 1	3	0	0	3
9D.106	Basic Physics 1	3	0	0	3
9D.104	Basic Chemistry	3	0	0	3
9D.102	Computer Fundamental	2	0	0	2
40D.101	Life Skills I	2	0	0	2
Practical/Sessional					
9DP.106	Basic Physics Lab	0	0	2	1
9DP.104	Basic Chemistry Lab	0	0	2	1
9DP.107	Workshop Practice I	0	0	4	2
9DP.102	Computer Fundamental Lab	0	0	2	1
9DP.105	Basic Engineering Graphics	0	0	4	2
					20

Semester II					
Subject Code	Name of Subject	L	T	P	Credits
9D.154	Basic Mathematics II	3	0	0	3
9D.151	Basic Physics II	3	0	0	3
9D.152	Environmental Studies	3	0	0	3
9D.153	Engineering Mechanics	3	0	0	3
9D.155	Basic Electrical & Electronics Engineering.	3	0	0	3
40D.151	Life Skills II	2	0	0	2
Practical/Sessional					
9DP.151	Basic Physics II Lab	0	0	2	1
9DP.153	Engineering Mechanics Lab	0	0	2	1
9DP.155	Basic Electrical & Electronics Engineering Lab	0	0	2	1
9DP.156	Workshop Practice II	0	0	4	2
					22

Semester III					
Subject Code	Name of Subject	L	T	P	Credits
9D.204	Applied Mathematics	3	0	0	3
7D.205	Strength of Material	3	0	0	3
7D.203	Mechanical Engineering Material	3	0	0	3
7D.201	Electrical Engineering.	3	0	0	3
7D.202	Manufacturing Technology	3	0	0	3
40D.201	Communication and Soft Skills	2	0	0	2
40D.101	Life Skills I* (Lateral)	2	0	0	0
14D.201	# Disaster Management	3	0	0	0
Practical/Sessional					
7DP.205	Strength of Material Lab	0	0	2	1
7DP.206	Mechanical Engineering Drawing	0	0	4	2
7DP.201	Electrical Engineering Lab	0	0	2	1
					21

Semester IV					
Subject Code	Name of Subject	L	T	P	Credits
7D.251	Thermal Engineering	3	0	0	3
7D.256	Fluid Mechanics and Machinery	3	0	0	3
7D.253	Theory of Machines & Mechanism	3	0	0	3
7D.254	Production Process	3	0	0	3
6D.252	Applied Electronics	3	0	0	3
40D.251	Professional skills	2	0	0	2
40D.151	Life Skills II* (Lateral)	2	0	0	0
Practical/Sessional					
7DP.251	Thermal Engineering, Lab	0	0	2	1
7DP.256	Fluid Mechanics and Machinery Lab	0	0	4	2
7DP.253	Theory of Machines & Mechanism Lab	0	0	2	1
Semester V					21
Subject Code	Name of Subject	L	T	P	Credits
7D.301	Advance Manufacturing Process	3	0	0	3
7D.302	Power Engineering	3	0	0	3
7D.303	Measurement and Control	3	0	0	3
7D.304	Metrology & Quality Control	3	0	0	3
7D.305	Automobile Engineering	3	0	0	3
40D.401	Seminar in Executive Communication**	2	0	0	0
Practical/Sessional					
7DP.302	Power Engineering Lab	0	0	2	1
7DP.305	Automobile Engineering Lab	0	0	2	1
7DP.304	Metrology & Quality Control Lab	0	0	2	1
					18

Semester VI					
Subject Code	Name of Subject	L	T	P	Credits
7D.351	Principles of Management	3	0	0	3
7D.352	Design of Machine Element	3	0	0	3
7D.353	Production Technology	3	0	0	3
	Elective	3	0	0	3
40D.451	Human Values and Ethics**	2	0	0	0
Practical/Sessional					
7DP.352	Design of Machine Element Lab	0	0	2	1
7D.395	Project	0	0	10	5
					18

Diploma 2018-2021					
	Semester				Total Credits
	Semester 1				20
	Semester 2				22
	Semester 3				21
	Semester 4				21
	Semester 5				18
	Semester 6				18
					120

Note:- * Non Credit Qualifying Course for Lateral students.
 ** Non Credit Qualifying Course for All Students.