

**DIPLOMA MECHANICAL ENGINEERING SCHEME OF CURRICULUM
W.E.F:2019-2020**

Course Code	Course Name	L	T	P	CREDIT
Semester-I					
02000101	Mathematics-I	3	1	0	4
02000102	English Communication And Life Skills-I	3	0	0	3
02000103	Applied Science (Chemistry)	3	1	2	5
02020101	Basics Of Civil Engineering	3	0	2	4
02050101	Basics Of Electrical Engineering	3	0	2	4
02010101	Engineering Mechanics	3	0	2	4
02010102	Workshop	0	0	4	4
	TOTAL	18	2	12	28
Semester-II					
02000201	Mathematics-II	3	1	0	4
02000202	English Communication And Life Skills-II	3	0	0	3
02000203	Applied Science (Physics)	3	1	2	5
02000204	Environmental Science	4	0	0	4
02080201	Computer Fundamentals And Programming With C	3	0	2	4
02010201	Basics Of Mechanical Engineering	3	0	2	4
02010202	Basics Of Engineering Graphics	2	0	4	4
	TOTAL	21	2	10	28
Semester-III					
02000301	English Communication And Life Skills-III	3	0	0	3
02050304	Electrical Technology And Electronics	3	0	2	4
02010301	Advanced Engineering Graphics	2	0	4	4
02010302	Manufacturing Process-I	3	0	2	4

02010303	Mechanics Of Solids	3	0	2	4
02010304	Material Science	3	0	2	4
	TOTAL	17	0	12	23
Semester-IV					
02000401	English Communication And Life Skills-IV	3	0	0	3
02010401	Manufacturing Process-Ii	3	0	2	4
02010402	Alternate Energy Resources	3	0	0	3
02010403	Hydraulics & Hydraulic Machines	3	0	2	4
02010404	Theory Of Machine	3	1	0	4
02010405	Thermodynamics	3	1	0	4
02010406	Machine Design	3	1	0	4
	TOTAL	21	3	4	26
Semester-V					
02000501	Basics Of Management	3	0	0	3
02010501	Computer Aided Machine Drafting	3	0	2	4
02010502	Advance Manufacturing Processes	3	0	2	4
02010503	Thermal Engineering	3	1	0	4
02010504	Metrology And Instrumentation	3	0	2	4
02010505	Project-I	0	0	4	4
	TOTAL	15	1	10	23
Semester-VI					
02010601	CNC Machine And Automation	3	0	2	4
02010602	Refrigeration And Airconditioning	3	0	2	4
02010603	Production Engineering	3	0	0	3
	Elective-I	3	0	2	4
02010604	Power Plant Engineering				
02030607	Basics Of Automobile Engineering				
02010605	Project-II	0	0	8	8
	TOTAL	12	0	14	23

