

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION RAJASTHAN, JODHPUR
TEACHING AND EXAMINATION SCHEME
(SEMESTER SCHEME-2020-21)
FOR DIPLOMA V SEMESTER (MECHANICAL ENGINEERING) (ME)
SESSION 2022-2023& ONWARDS

Subject Category	Subject Code	Subjects	Distribution of Time				Distribution of Max. Marks/ Duration							Total Marks	Credits
			Hours per week				End Semester Exam				Internal Assessment				
			L	T	P	Tot	TH	Hrs.	PR	Hrs.	CT	TU/Assi	PR(S)		
PC	**ME 5001	Advanced Manufacturing Processes	3	0	0	3	60	3	-	-	20	20	-	100	3
PC	*ME 5002	Theory of Machines & Mechanisms	2	1	0	3	60	3	-	-	20	20	-	100	3
OE	+ME 5100	Open Elective-I *ME 51001- Economic Policies in India *ME 51002- Engineering Economics & Accountancy	3	0	0	3	60	3	-	-	20	20	-	100	3
PC	\$\$ME 5003	Industrial Engineering & Management	3	0	0	3	60	3	-	-	20	20	-	100	3
PE	ME 5004	Programme Elective-III *ME 50041- Power Plant Engineering ME 50042- Heat Transfer	3	0	0	3	60	3	-	-	20	20	-	100	3
PE	ME 5005	Programme Elective-IV ME 50051- Computer Aided Design and Manufacturing *ME 50052- Industrial Robotics & Automation	3	0	0	3	60	3	-	-	20	20	-	100	3
PC	*ME 5006	CAD/CAM Lab	0	0	2	2	-	-	40	3	-	-	60	100	1
PC	*ME 5007	Manufacturing Engineering –II Lab	0	0	2	2			40	3			60	100	1
SI	ME 5008	Summer Internship-II(6 weeks after IV Sem)	0	0	0	0	-	-	100	-	-	-	--	100	3
PR	ME 5009	Major Project	0	0	2	2	-	-	--		-	-	--	-	--
VS	+ME 5555	Anandam (Joy of Giving)	0	0	1	1	--	--	--	--	--	--	100	100	2
		Students Centered Activities	0	0	3	3	--	--	--	--	--	--	--	--	0
		Total	17	1	10	28	360	18	180	--	120	120	220	1000	-
Grand Total :														1000	25

1. L : Lecture

2. T : Tutorial

3. P : Practical

4. TH : Marks for End Semester Exam for Theory

5. PR : Marks for End Semester Exam for Practical

6. CT : Marks for class tests (Internal Assessment)

7. TU/Assi : Marks for tutorials/Assignment (Internal Assessment)

8. PR(S) : Marks for practical and viva (Internal Assessment)

1.+ME 51001, +ME 51002 and +ME 5555 are same in all branches of Engineering

2. **ME 5001 is same as MA/MT 5001

3. \$\$ME 5003 is same as MP/MT 5001

4. *ME 5002, *ME 50041 *ME 5006, *ME 5007 and *ME 50052 are same as MA 5002, ,*MA 50041 MA 5006, MA 5007 and MA 50052 respectively

Student Centered Activities will be graded as A, B, C & D on the basis of attendance and interest of the student in learning.

Note:Major Project will be continued and Assesed in VI Semester