

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

(An Autonomous Institute Affiliated to Rajasthan Technical University, Kota)

Teaching and Examination Scheme (For Students Admitted in A.Y. 2024-25 & onwards)

B.Tech. Mechanical Engineering

B.Tech. II Year (Semester III)																
Sr. No.	Br.	Year	Sem.	Course Code	Course Name	Category	Teaching & Learning Scheme				Exam Hrs.	Marks			Credit	
							Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term Work (TW) and Self Learning (SL) (TW+ SL) (in hours per semester)		Total no. of Hours per semester	CIE	SEE		Total
							L	T	P	SL						
1	ME	II	III	HSUL301/ HSUL302	Managerial Economics and Financial Accounting / Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	ME	II	III	MAUL303	Higher Engineering Mathematics	BSC	45	0	0	45	90	3	40	60	100	3
3	ME	II	III	MEUL301	Engineering Mechanics	ESC	30	15	0	45	90	3	40	60	100	3
4	ME	II	III	MEUL302	Engineering Thermodynamics	PCC	45	0	0	45	90	3	40	60	100	3
5	ME	II	III	MEUL303	Mechanics of Solids	PCC	45	15	0	60	120	3	40	60	100	4
6	ME	II	III	MEUL304	Materials Science and Engineering	PCC	45	0	0	45	90	3	40	60	100	3
7	ME	II	III	MEUP320	Basic Mechanical Engineering Lab	PCC	0	0	45			3	60	40	100	1.5
8	ME	II	III	MEUP321	Computer Aided Design Lab	PCC	0	0	45			3	60	40	100	1.5
9	ME	II	III	MEUP322	Materials Testing Lab	PCC	0	0	45			3	60	40	100	1.5
10	ME	II	III	MEUP323	Programming using MATLAB	PCC	0	0	45			3	60	40	100	1.5
11	ME	II	III	MEUT330	Industrial Training	PSIT	0	0	30			3	60	40	100	1
12	ME	II	III	MEUA300	Social Outreach, Discipline & Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
13	ME	II	III	NU99.4/ NU99.5	Technical Training/Soft Skills Training	MC	0	0	30			-	-	-	100	0
													Total Credit			24.5

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B.Tech. Mechanical Engineering

B.Tech. II Year (Semester IV)																
Sr. No.	Br.	Year	Sem.	Course Code	Course Name	Category	Teaching & Learning Scheme				Exam Hrs.	Marks			Credit	
							Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term Work (TW) and Self Learning (SL) (TW+ SL) (in hours per semester)						Total no. of Hours per semester
							L	T	P	SL		CIE	SEE	Total		
1	ME	II	IV	HSUL401/ HSUL402	Managerial Economics and Financial Accounting/ Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	ME	II	IV	MEUL401	Data Analytics	BSC	45	0	0	45	90	3	40	60	100	3
3	ME	II	IV	MEUL402	Digital Electronics	ESC	30	0	0	30	60	3	40	60	100	2
4	ME	II	IV	MEUL403	Fluid Mechanics and Fluid Machines	PCC	45	15	0	60	120	3	40	60	100	4
5	ME	II	IV	MEUL404	Manufacturing Processes	PCC	45	0	0	45	90	3	40	60	100	3
6	ME	II	IV	MEUL405	Theory of Machines	PCC	45	15	0	60	120	3	40	60	100	4
7	ME	II	IV	MEUP420	Digital Electronics lab	ESC	0	0	30			3	60	40	100	1
8	ME	II	IV	MEUP421	Fluid Mechanics and Hydraulic Machines Lab	PCC	0	0	45			3	60	40	100	1.5
9	ME	II	IV	MEUP422	Production Engineering Lab	PCC	0	0	60			3	60	40	100	2
10	ME	II	IV	MEUP423	Theory of Machines Lab	PCC	0	0	45			3	60	40	100	1.5
11	ME	II	IV	MEUA400	Social Outreach, Discipline & Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
12	ME	II	IV	NU99.4/ NU99.5	Technical Training/Soft Skills Training	MC	0	0	30	-	-	-	-	-	100	0
													Total Credit			23.5

B.Tech. II Year (Semester IV)																
Sr. No.	Br.	Year	Sem.	Course Code	Course Name	Category	Teaching & Learning Scheme				Exam Hrs.	Marks			Credit	
							Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term Work (TW) and Self Learning (SL) (TW+ SL) (in hours per semester)						Total no. of Hours per semester
							L	T	P	SL		CIE	SEE	Total		
1	ME	II	IV	HSUL401/ HSUL402	Managerial Economics and Financial Accounting/ Technical Communication	HSMC	15	0	0	15	30	3	40	60	100	1
2	ME	II	IV	MEUL401	Data Analytics	BSC	45	0	0	45	90	3	40	60	100	3
3	ME	II	IV	MEUL402	Digital Electronics	ESC	30	0	0	30	60	3	40	60	100	2
4	ME	II	IV	MEUL403	Fluid Mechanics and Fluid Machines	PCC	45	15	0	60	120	3	40	60	100	4
5	ME	II	IV	MEUL404	Manufacturing Processes	PCC	45	0	0	45	90	3	40	60	100	3
6	ME	II	IV	MEUL405	Theory of Machines	PCC	45	15	0	60	120	3	40	60	100	4
7	ME	II	IV	MEUP420	Digital Electronics lab	ESC	0	0	30			3	60	40	100	1
8	ME	II	IV	MEUP421	Fluid Mechanics and Hydraulic Machines Lab	PCC	0	0	45			3	60	40	100	1.5
9	ME	II	IV	MEUP422	Production Engineering Lab	PCC	0	0	60			3	60	40	100	2
10	ME	II	IV	MEUP423	Theory of Machines Lab	PCC	0	0	45			3	60	40	100	1.5
11	ME	II	IV	MEUA400	Social Outreach, Discipline & Extra Curricular Activities	SODECA	-	-	-			-	-	-	100	0.5
12	ME	II	IV	NU99.4/ NU99.5	Technical Training/Soft Skills Training	MC	0	0	30	-	-	-	-	-	100	0
													Total Credit			23.5