

**BACHELOR
IN
MECHANICAL ENGINEERING**

Year :II

Part : I

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	SH 201	Engineering Mathematics III	3	3	2	-	5	40	3	60	-	-	-	100	
2	ME 201	Material Science	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	ME 202	Manufacturing & Production Processes	3	3	1	3	7	40	3	60	50	-	-	150	
4	ME 203	Engineering Thermodynamics II	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	ME 204	Metrology	3	3	-	1.5	4.5	40	3	60	25	-	-	125	
6	ME 205	Strength of Materials	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
Total			18	18	6	9	33	240	-	360	150	-	-	750	

Year :II

Part : II

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration hours	Marks		Duration hours	Marks		
1	SH 252	Probability and Statistics	3	3	1	-	4	40	3	60	-	-	-	100	
2	EE 254	Electrical Machines	4	4	1	1.5	6.5	40	3	60	25	-	-	125	
3	ME 251	Mechanics of Solids	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	ME 252	Instrumentation and Sensors	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	ME 253	Computer Aided Design	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	ME 254	Fluid Mechanics with Engineering Applications	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
Total			19	19	6	7.5	32.5	240	-	360	125	-	-	725	



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Institute of Engineering
Office of the Dean Pulchowk

**BACHELOR
IN
MECHANICAL ENGINEERING**

Year:III

Part : I

Teaching Schedule								Examination Scheme						Total	Remarks
SN	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration Hrs	Marks		Duration Hrs	Marks		
1	EE 307	Control System and Automation	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
2	SH 301	Numerical Methods	3	3	1	3	7	40	3	60	50	-	-	150	
3	ME 301	Automotive Technology	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	ME 302	Fluid Machines	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	ME 303	Theory of Machines and Mechanism	3	3	2	-	5	40	3	60	-	-	-	100	
6	ME 304	Organization and Management	3	3	1	-	4	40	3	60	-	-	-	100	
7	SH 303	Technical English	1	1	-	-	1	20	1.5	30	-	-	-	50	
Total			19	19	7	7.5	33.5	260	-	390	125	-	-	775	

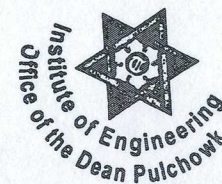
Year:III

Part : II

Teaching Schedule								Examination Scheme						Total	Remarks
SN	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration Hrs	Marks		Duration Hrs	Marks		
1	ME 356	Professional Engineering Economics	3	3	1	-	4	40	3	60	-	-	-	100	
2	ME 351	Industrial Engineering and Management	3	3	1	-	4	40	3	60	-	-	-	100	
3	ME 352	Heat and Mass Transfer	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	ME 353	Machine Design I	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	ME 354	Machine Dynamics	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	ME 355	Minor Project	1	-	-	-	-	-	-	-	50	-	-	50	
7	ME 365	Elective I	3	3	2	1	6	40	3	60	25	-	-	125	
Total			19	18	7	5.5	30.5	240	-	360	150	-	-	750	



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**BACHELOR
IN
MECHANICAL ENGINEERING**

Year:IV

Part : I

Teaching Schedule								Examination Scheme						Total	Remarks
SN	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Duration Hrs	Marks	Assessment Marks	Duration Hrs	Marks		
1	ME 411	Entrepreneurship Development	2	2	-	-	2	20	1.5	30	-	-	-	50	
2	ME 412	Finite Element Method	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	ME 413	Applied Computational Fluid Dynamics	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	ME 414	Energy Resources and Technology	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	ME 415	Machine Design II	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	ME 425	Elective II	3	3	2	1	6	40	3	60	25	-	-	125	
7	ME 416	Project I	2	-	-	-	-	-	-	-	50	-	-	50	
Total			19	17	6	7	30	220	-	330	175	-	-	725	

Year:IV

Part : II

Teaching Schedule								Examination Scheme						Total	Remarks
SN	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assessment Marks	Final			
									Duration Hrs	Marks		Duration Hrs	Marks		
1	ME 463	Project Management and Professional Practice	3	3	1	-	4	40	3	60	-	-	-	100	
2	ME 465	Elective III	3	3	2	1	6	40	3	60	25	-	-	125	
3	ME 461	Project II	4	-	-	-	-	-	-	-	100	-	50	150	
4	ME 462	Industrial Attachment*	4	-	-	-	-	-	-	-	100	-	50	150	
Total			14	6	3	1	10	80	-	120	225	-	-	525	

**8-weeks industrial attachment



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