

**BACHELOR
IN
AUTOMOBILE ENGINEERING**

Year :II

Part : I

Teaching Schedule								Examination Scheme						Total	Remarks
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	AM 201	Mechanics of Materials	3	3	2	1.5	6.5	40	3	60	25	-	-	125	
Total			18	18	7	9	34	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	
3	EE 254	Electrical Machines	4	4	1	1.5	6.5	40	3	60	25	-	-	125	
3	ME 252	Instrumentation and Sensors	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
2	ME 255	Fluid Mechanics and Machines	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	
4	ME 256	Theory of Machines and Mechanisms	3	3	2	-	5	40	3	60	-	-	-	100	
Total			19	19	7	6	32	240	-	360	100	-	-	700	



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**BACHELOR
IN
AUTOMOBILE ENGINEERING**

Year:III

Part : I

Teaching Schedule								Examination Scheme						Total	Remark
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	SH 301	Numerical Methods	3	3	1	3	7	40	3	60	50	-	-	150	
2	ME 304	Organization and Management	3	3	1	-	4	40	3	60	-	-	-	100	
3	ME 308	Heat and Mass Transfer	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	EE 307	Control System and Automation	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	AM 301	Electric and Hybrid Vehicles	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	AM 302	Automobile Engines	3	3	-	1.5	4.5	40	3	60	25	-	-	125	
7	SH 303	Technical English	1	1	-	-	1	20	1.5	30	-	-	-	50	
Total			19	19	5	9	33	260	-	390	150	-	-	800	

Year:III

Part : II

Teaching Schedule								Examination Scheme						Total	Remark
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	AM 351	Automobile Chassis	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	AM 352	Automobile Component Design I	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	AM 353	Hydraulic and Pneumatic Systems	3	3	1	1.5	5.5	20	1.5	30	25	-	-	75	
6	AM 354	Mini Project	1	-	-	-	-	-	-	-	50	-	-	50	
7	AM 365	Elective I	3	3	2	1	6	40	3	60	25	-	-	125	
Total			19	18	7	5.5	30.5	220	-	330	150	-	-	700	



Amal Kumar

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**BACHELOR
IN
AUTOMOBILE ENGINEERING**

Year:IV

Part : I

Teaching Schedule								Examination Scheme						Total	Remark
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 411	Entrepreneurship Development	2	2	-	-	2	20	1.5	30	-	-	-	50	
2	AM 425	Elective II	3	3	2	1	6	40	3	60	25	-	-	125	
3	AM 411	Automobile Repair and Service Management	3	3	-	1.5	4.5	40	3	60	25	-	-	125	
4	AM 412	Vehicle Dynamics	3	3	-	1.5	4.5	20	3	80	25	-	-	125	
5	AM 413	Automobile Component Design II	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	AM 414	Engine Combustion & Pollution Control	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
7	AM 415	Project I	2	-	-	-	-	-	-	-	50	-	-	50	
Total			19	17	4	7	28	200	-	350	175	-	-	725	

Year:IV

Part : II

Teaching Schedule								Examination Scheme						Total	Remark
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	AM 465	Elective III	3	3	2	1	6	40	3	60	25	-	-	125	
3	AM 462	Industrial Attachment**	4	-	-	-	-	-	-	-	100	-	50	150	
4	AM 461	Project II	4	-	-	-	-	-	-	-	100	-	50	150	
Total			14	6	3	1	10	80	-	120	225	-	100	525	

**8-weeks industrial attachment


 प्राविण्डको कार्यालय
 काठमाडौं
Amabhabhu




 Institute of Engineering
 Office of the Dean Pulchowk