

Name of Technology: Automobile

1st Semester

Automobile Technology(62) **2nd Semester**

2nd Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25721	Bangla -II	2	-	2	40	60	100	-	-	-	100
2	25722	English-II	2	-	2	40	60	100	-	-	-	100
3	25812	Physical Education & Life Skills Development	-	3	1	-	-	-	25	25	50	50
4	25913	Chemistry	3	3	4	60	90	150	25	25	50	200
5	25921	Mathematics-II	3	3	4	60	90	150	25	25	50	200
6	25922	Physics-II	3	3	4	60	90	150	25	25	50	200
7	26221	Automotive Engine System-I	2	3	3	40	60	100	25	25	50	150
8	27011	Basic Workshop Practice	-	3	1	-	-	-	25	25	50	50
Total			15	18	21	300	450	750	150	150	300	1050
Total Period			33									
Theory:Practical (%)			45.5%	54.5%								

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3rd Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25811	Social Science	2	-	2	40	60	100	-	-	-	100
2	25931	Mathematics-III	3	3	4	60	90	150	25	25	50	200
3	26231	Automotive Engine System-II	2	3	3	40	60	100	25	25	50	150
4	26811	Basic Electronics	2	3	3	40	60	100	25	25	50	150
5	27012	Machine Shop Practice I	1	6	3	20	30	50	50	50	100	150
6	27031	Mechanical Engineering Materials	2	-	2	40	60	100	-	-	-	100
7	28511	Computer Office Application	-	6	2	-	-	-	50	50	100	100
Total			12	21	19	240	360	600	175	175	350	950
Total Period			33									
Theory:Practical (%)			36.4%	63.6%								

4th Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25841	Accounting	2	-	2	40	60	100	-	-	-	100
2	26241	Automotive Body Building	2	3	3	40	60	100	25	25	50	150
3	27041	Engineering Mechanics	2	3	3	40	60	100	25	25	50	150
4	27043	Metallurgy	2	3	3	40	60	100	25	25	50	150
5	27131	Engineering Thermodynamics	3	3	4	60	90	150	25	25	50	200
6	27142	Fuels & Lubricants	2	3	3	40	60	100	25	25	50	150
7	29041	Environmental Studies	2	3	3	40	60	100	25	25	50	150
Total			15	18	21	300	450	750	150	150	300	1050
Total Period			33									
Theory:Practical (%)			45.5%	54.5%								

Course Structure of Diploma in Engineering Probidhan-2022 (Mechanical Allied Technology)

Name of Technology: Automobile

Automobile Technology(62)

5th Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25852	Industrial Management	2	-	2	40	60	100	-	-	-	100
2	26251	Automobile Air- Conditioning	2	3	3	40	60	100	25	25	50	150
3	26252	Advance Automotive Mechanisms & Vehicle driving	2	3	3	40	60	100	25	25	50	150
4	27051	Fluid Mechanics & Machineries	3	3	4	60	90	150	25	25	50	200
5	27052	Mechanical Estimating & Costing	2	3	3	40	60	100	25	25	50	150
6	27053	Advanced Welding-I	2	6	4	40	60	100	50	50	100	200
7	27055	Manufacturing Process	3	-	3	60	90	150	-	-	-	150
Total			16	18	22	320	480	800	150	150	300	1100
Total Period			34									
Theory:Practical (%)			47.1%	52.9%								

Automobile Technology(62)

6th Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25831	Business Communication	2	-	2	40	60	100	-	-	-	100
2	25851	Principles of Marketing	2	-	2	40	60	100	-	-	-	100
3	26261	Engine Overhauling & Inspection	2	3	3	40	60	100	25	25	50	150
4	26262	Suspension, Brake, Steering & Transmission System of Vehicle	2	3	3	40	60	100	25	25	50	150
5	26263	Specialized Vehicles, Two & Three Wheelers	2	3	3	40	60	100	25	25	50	150
6	27054	Foundry & Pattern Making	2	3	3	40	60	100	25	25	50	150
7	27061	Strength of Materials	3	3	4	60	90	150	25	25	50	200
8	27062	Mechanical Measurement & Metrology	2	3	3	40	60	100	25	25	50	150
Total			17	18	23	340	510	850	150	150	300	1150

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Total Period	35	
Theory:Practical (%)	48.6%	51.4%

Automobile Technology(62)

7th Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	25853	Innovation & Entrepreneurship	2	-	2	40	60	100	-	-	-	100
2	26271	Automotive Electrical, Electronics & Automation	2	3	3	40	60	100	25	25	50	150
3	26272	Automotive Testing & Emission Control	2	3	3	40	60	100	25	25	50	150
4	26273	Shop Equipment, Service Station Operation & Workshop Practice	2	3	3	40	60	100	25	25	50	150
5	26274	Automobile Engineering Project	-	6	2	-	-	-	50	50	100	100
6	27071	Design of Machine Elements	3	3	4	60	90	150	25	25	50	200
7	29231	Mechatronics & PLC	3	3	4	60	90	150	25	25	50	200
Total			14	21	21	280	420	700	175	175	350	1050
Total Period			35									
Theory:Practical (%)			40.0%	60.0%								

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8th Semester

Sl. No.	Subject Code & Name		Period Per Week		Credit	Marks Distribution						
						Theory Assessment			Practical Assessment			Grand Total
	Code	Name	Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	26281	Industrial Attachement	-	24	8	-	-	-	200	200	400	400
2		Project Presentation	-	12	4	-	-	-	100	100	200	200
Total			-	36	12	-	-	-	300	300	600	600
Total Period			36									
Theory:Practical (%)			0.0%	100.0%								

Course Structure of Diploma in Engineering Probidhan-2022 (Mechanical Allied Technology)

Name of Technology: Automobile

Automobile Technology(62)

Summary Structure (All Semester)

Sl. No.	Semester	Period Per Week		Credit	Marks Distribution						
					Theory Assessment			Practical Assessment			Grand Total
		Theory	Practical		Continuous	Final	Total	Continuous	Final	Total	
1	1st Semester	15	18	21	300	450	750	150	150	300	1050
2	2nd Semester	15	18	21	300	450	750	150	150	300	1050
3	3rd Semester	12	21	19	240	360	600	175	175	350	950
4	4th Semester	15	18	21	300	450	750	150	150	300	1050
5	5th Semester	16	18	22	320	480	800	150	150	300	1100
6	6th Semester	17	18	23	340	510	850	150	150	300	1150
7	7th Semester	14	21	21	280	420	700	175	175	350	1050
8	8th Semester	-	36	12	-	-	-	300	300	600	600
Total		104	168	160	2,080	3,120	5,200	1,400	1,400	2,800	8000
Total Period		272									
Theory:Practical (Ratio)		38.2%	61.8%								