

Government of the People's Republic of Bangladesh
Mymensingh Polytechnic Institute
Semester Plan

Power Technology
Subject: Auto Electricity & Electronic

T P C
2 6 4

Subject Code:67171
7th Semester (Both Shift)
Class Start : 14-01-2024

Week	Activity/Lesson	Teaching aids		Remark
		Theory	Practical	
01	Theory: Understand the features of storage battery. Practical Perform the test of storage battery.	White Board Marker Pen, Over Head Projector & Multimedia Projector	Job Sheet	
02	Theory Understand the features of battery Charging,Testing and Maintenance. Practical: Perform charging of lead acid battery.	Do	Do	QT-1
03	Theory Understand the features of ignition system. Practical: Perform the Ignition coil test	Do	Do	CT-1
04	Theory : Understand the features of spark plug. Practical Perform the spark plug test.	Do	Do	
05	Theory: Understand the electric motor starting system. Practical: Practice the starting motor Perform charging circuit of automobile	Do	Do	
06	Theory: Understand the features of charging system Practical Perform output test of the alternator.	Do	Do	QT-2
07	Mid Term Examination			
08	Theory: Understand the wiring and light system of vehicle. Practical	Do	-Do	CT-2

	Perform the automotive lighting system.			
09	Theory: Understand the features of horn and windshield wiper. Practical: Perform the automotive horn circuit.	Do	Do	
10	Theory: Understand the Diesel electronic fuel injection /Common Rail Diesel Injection (CDI Practical Perform the windshield wiper & washer circuit wiring.	Do	Do	QT-3
11	Theory Understand the electronic fuel injection (EFI) system. Practical: Perform the test of electronic fuel injection (EFI) system.	Do	Do	CT-3
12	Theory Understand the features of sensors & actuators. Understand the automotive, Hybrid Car. .Practical: Perform the sensor testing.	Do	Do	QT-4
13	Theory: Understand the feature of electronic components & systems. To understand the electronic dash board instruments Practical : Perform the actuator testing.	Do	Do	CT-4
14	Theory: Repeat All Topics Practical Observe the dashboard instruments of automobile.			
15 & 16	Semester Final Examination			

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