

Semester Plan**Power Technology (1st Shift)****Subject:** Vehicle Automation & Signaling**Subject Code:** 66274**6th Semester (1st Shift)****Class Start :** 20-08-2023**T P C**
2 3 3

Week No.	Theory			Practical	
	Content (Specific Objective)	Activity		Content(Practical Job no)	Remarks
		Class /Quiz e Test	Learning Materials		
1	Understand the Features of Vehicle Automation. (1.1-1.5)		Ref. books, white board ,marker, flow chart,OHP	1. Study the automobile body parts.	
2	Understand the Feature of Vehicle Intelligent transport system (ITS). (2.1-2.8)		Ref. books, white board ,marker, ,OHP, Youtube.	2.Demonstrate Vehicle Intelligent transport system.	
3	Under the Feature of Vehicle Cruise Control. (3.1-3.4)		Ref. books, white board ,marker, ,OHP, Youtube.	3.Demonstrate Vehicle Cruise Control.	
4	Understand the Feature of Vehicle Collision Avoidance System. (4.1-4.4)		Ref. books, white board ,marker, ,OHP,Youtube.	4. Demonstrate Vehicle Collision Avoidance System..	
5	Understand the Feature of Automate Vehicle Steering and Speed Control.(5.1-5.5)	CT-1	Ref. books, white board ,marker, ,OHP,Youtube.	5. Automate Vehicle Steering and Speed Control.	
6	Midterm Examination				
7	Understand the feature of vehicle tracking system. (6.1-6.7)	QT-1	Ref. books, white board ,marker, ,OHP & Youtube Channel.	6. Demonstrate vehicle tracking system.	

8	Understand the Feature of Automotive Night Vision (ANV). (7.1-7.4)		Ref. books, white board ,marker, ,OHP, Youtube Channel.	7. Demonstrate Automotive Night Vision.	
9	Understand the feature of Blind Spot Monitoring. (8.1-8.3)		Ref. books, white board ,marker, ,OHP, Youtube.	8. Demonstrate Blind Spot Monitoring. system .	
10	9. Understand the Feature of Advance Automatic Collision Notification (AACN). (9.1-9.1)		Ref. books, white board ,marker, ,OHP, Youtube Channel.	9. Demonstrate Advance Automatic Collision Notification System.	
11	10. Understand the Feature of Traffic Signaling. (10.1-10.1)		Ref. books, white board ,marker, OHP, Youtube Channel.	10. Demonstrate Traffic Signaling.	
12	Review Chapter (1-3) & Check Improvement.	CT-2		Review Practical 1-3	
13	Review Chapter (4-6) & Check Improvement.	QT-2		Review Practical 4-6	
14	Review Chapter (7-8) & Check Improvement.			Review Practical 7-8	
15	Review Chapter (-10) & Check Improvement			Review Practical 9-10	
16	Final Exam			Final Exam	

Mohammed Selim Afrad Joarder

BCS(Technical Education)

Chief Instructor(Tech/Power) 1st Shift

Mymensingh Polytechnic Institute,

Mymensingh.