

## GOVT. POLYTECHNIC BOLANGIR

## LESSON PLAN

Discipline : AUTOMOBILE	Semester:3RD	Name of the Teaching Faculty : SNEHASIS SAHOO
Subject :	No. of Days / per week class allotted :	Semester From date : OCT-1-2021 To Date : JAN-8-2022 No. of Weeks : 13
Week	Class Day	Topics
1ST OCT	1st	Introduction to Auto Electricity
	2nd	Introduction to Battery
	3rd	Study about Purpose&types of Battery
	4th	Working Principle of battery
2ND OCT	1st	Types Battery Rating
	2nd	What are Testing method used for condition of battery
	3rd	Maintenance & charging procedure
	4th	contd.
3RD OCT	1st	Introduction to Ignition system
	2nd	Various parts of Ignition system
	3rd	Requirement of ignition system in automobile
	4th	Types of ignition system
4TH OCT	1st	Introduction of Battery coil ignition system
	2nd	Introduction of Magneto ignition system
	3rd	TCI (Transistor coil ignition)
	4th	CDI(capacitive discharge ignition)
1ST NOV	1st	Principle and construction of stator motor
	2nd	Starting system details In an automobile
	3rd	Driving arrangement and control
	4th	servicing and maintenance of starting system

<b>2ND NOV</b>	1st	Fleming's right hand rule
	2nd	Lenz's law
	3rd	Q & A discussion.
	4th	contd.
<b>3RD NOV</b>	1st	Intoduction to Generator
	2nd	principle of a generator
	3rd	construction of a generator
	4th	working
<b>4TH NOV</b>	1st	What is a Current regulator
	2nd	What is a Voltage regulator
	3rd	What is a cut-out relay
	4th	contd.
<b>1ST DEC</b>	1st	What is an Alternator
	2nd	Principle of an alternator
	3rd	Construction of an Alternator
	4th	Working details
<b>2ND DEC</b>	1st	What is a Max. RMS value
	2nd	Average value
	3rd	Maintenance of Alternator
	4th	contd.
<b>3RD DEC</b>	1st	Introduction of a Head lights
	2nd	Introduction of a Tail lights
	3rd	Introduction of a stop lights,indicator
	4th	Introduction of a Wiring of vehicle
<b>4TH DEC</b>	1st	Electric horn,Fuel gauge ,Temp gauge
	2nd	What is anEarth return system
	3rd	Insulated return system
	4th	Wiring diagram of Passenger cars

<b>1ST JAN</b>	1st	Introduction to Distributor /less ignition system
	2nd	Inspection and maintenance of electrical wiring
	3rd	system of two and four wheelers
	4th	Q & A discussion