

<b>Discipline : Automobile</b>	<b>Semester:5th</b>	<b>Name of the Teaching Faculty : KUMAR GYANADEEP</b>
<b>Subject : Auto Electricity</b>	<b>No. of Days / per week class allotted :</b>	<b>Semester From date : 15.07.2018 To Date :31.10.2019</b> <b>No. of Weeks : 13</b>
<b>Week</b>	<b>Class Day</b>	<b>Theory / Practical Topics</b>
	1st	Introduction to Auto Electricity
3rd July	2nd	Battery
	3rd	Purpose, types
	4th	Working of battery
	1st	
	4th July	Battery:-
	2nd	Rating, Testing, charging
	3rd	Maintenance
	4th	contd.
	1st	
1st Aug	2nd	Ignition system
	3rd	Various parts
	4th	Requirement
	1st	Types of ignition system
	2nd	
2nd Aug	1st	Battery coil ignition system
	2nd	Magneto ignition system
	3rd	TCI
	4th	CDI
	1st	
3rd Aug	2nd	Principle and construction of stator motor
	3rd	Starting system details
	4th	Driving arrangement and control
	1st	servicing and maintenance of starting system
	2nd	
	4th Aug	1st
	2nd	Fleming's right hand rule
	3rd	Lenz's law
	4th	Q & A discussion.
	1st	
1st Sept	2nd	contd.
	3rd	
	4th	
	1st	
2nd Sept	2nd	Generator
	3rd	principle
	4th	construction
	1st	
	2nd	working
	3rd	
	4th	
	1st	
2nd Sept	2nd	Current regulator
	3rd	Voltage regulator
	4th	cut-out relay
	1st	
	2nd	contd.
	3rd	
	4th	
	1st	

	1st	Alternator
3rd sept	2nd	Principle
	3rd	Construction
	4th	Working details
	1st	Max. RMS value
4th sept	2nd	Average value
	3rd	Maintenance of Alternator
	4th	contd.
	1st	Head lights
1st oct	2nd	Tail lights
	3rd	stop lights,indicator
	4th	Wiring of vehicle
2nd Oct	Puja Holidays	
	1st	Electric horn,Fuel gauge ,Temp gauge
3rd Oct	2nd	Earth return system
	3rd	Insulated return system
	4th	Wiring diagram of Passenger cars
	1st	Distributor /less ignition system
4th Oct	2nd	Inspection and maintenance of electrical wiring
	3rd	system of two and four wheelers
	4th	Q & A discussion