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| Discipline : **MECHANICAL** **ENGG**  | Semester : **6TH**  | Name of the Teaching Faculty: **SANTOSH KUMAR JENA** |
| Subject:  **AUTOMOBILE ENGINEERING LAB** | No. of days/per week class allotted: **06** | Semester From date : **02.01.2019** To Date: **15.04.2019**No. of Weeks: **15** |
| Week | Class Day | Theory / Practical Topics |
| 1ST  | 1ST  | Study of Automobile chassis. |
|  | 2ND  | Study of Automobile chassis contd. |
| 2ND  | 1ST  | Study of Automobile chassis contd. |
|  | 2ND  | Study the differential mechanism of an automobile. |
| 3RD  | 1ST  | Study the differential mechanism of an automobile contd. |
|  | 2ND  | Study the differential mechanism of an automobile contd. |
| 4TH  | 1ST  | Study the electrical system of automobile. |
|  | 2ND  | Study the electrical system of automobile contd. |
| 5TH   | 1ST  | Study the electrical system of automobile contd. |
|  | 2ND  | Study of barking system (Hydraulic /Air brake). |
| 6TH  | 1ST  | Study of barking system (Hydraulic /Air brake) contd. |
|  | 2ND  | Study of barking system (Hydraulic /Air brake) contd. |
| 7TH  | 1ST  | Study of multiple Clutch of automobile. |
|  | 2ND  | Study of multiple Clutch of automobile contd. |
| 8TH  | 1ST  | Study of multiple Clutch of automobile contd. |
|  | 2ND  | Study and demonstration of different circuit of carburettor. |
| 9TH  | 1ST  | Study and demonstration of different circuit of carburettor contd. |
|  | 2ND  | Study and demonstration of different circuit of carburettor contd. |
| 10TH  | 1ST  | Checking the spark plug and setting the port and check the ignition in the sparkplug. |
|  | 2ND  | Checking the spark plug and setting the port and check the ignition in the sparkplug contd. |
| 11TH  | 1ST  | Checking the spark plug and setting the port and check the ignition in the sparkplug contd. |
|  | 2ND  | Study the assembly of car engine. |
| 12TH  | 1ST  | Study the assembly of car engine contd. |
|  | 2ND  | Study the assembly of car engine contd. |
| 13TH  | 1ST  | Calibration of Bourdon’s tube Pressure gauge. |
|  | 2ND  | Calibration of Bourdon’s tube Pressure gauge contd. |
| 14TH  | 1ST  | Calibration of Bourdon’s tube Pressure gauge contd. |
|  | 2ND  | Air pollution testing of CO2, Co, HC, NOX |
| 15TH  | 1ST  | Air pollution testing of CO2, Co, HC, NOX contd. |
|  | 2ND  | Air pollution testing of CO2, Co, HC, NOX contd. |