

MMV Week-21

| S. No. | Week No. | Name of Topic | No. of Hours |
|--------|----------|---|--------------|
| 1 | 21 | Petrol Engine Basics: 4-stroke spark-ignition engines- Basic 4-stroke principles. Spark-ignition engine components- Basic engine components, Engine cams & camshaft, Engine power transfer, Scavenging, Counter weights, Piston components. | 7 Hrs. |
| 2 | | Intake & exhaust systems -Electronic fuel injection systems, Exhaust systems. | |
| 3 | | Intake system components, Air cleaners, Carburettor air cleaners, EFI air cleaners, Intake manifolds, Intake air heating. | |
| 4 | | Gasoline Fuel Systems: Description of Gasoline fuel, Gasoline fuel characteristics, Controlling fuel burn, Stoichiometric ratio, Air density, Fuel supply system, Pressure & vacuum. | |