

MMV Week- 39

S. No.	Week No.	Name of Topic	No. of Hours
1	39	Emission Control:- Vehicle emissions Standards- Euro and Bharat II, III, IV, V Sources of emission, Combustion, Combustion chamber design.	7 hrs
2		Types of emissions: Characteristics and Effect of Hydrocarbons, Hydrocarbons in exhaust gases, Oxides of nitrogen, Particulates, Carbon monoxide, Carbon dioxide, Sulphur content in fuels Description of Evaporation emission control, Catalytic conversion, Closed loop, Crankcase emission control, Exhaust gas recirculation (EGR) valve, Controlling air-fuel ratios, Charcoal storage devices, Diesel particulate filter (DPF).	
3		Selective Catalytic Reduction (SCR), EGR VS SCR	