

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA IN AUTOMOBILE ENGINEERING
SEMESTER: V

Subject Name: **Practice in Diagnosis and Testing - I**

Sr. No.	Course Content
1	Cylinder boring and honing
2	Connecting rod alignment
3	Inspection and reconditioning of crankshaft
4	Re-conditioning of valves and valve seat
5	Calibration and phasing of fuel injection pump
6	Servicing and testing of injectors
7	Setting of fuel injection timing on a diesel engine
8	Fuel consumption test on automobiles
9	Testing of I.C. engine
10	Engine tune up and exhaust gas analysis
11	Servicing of cooling system
12	Servicing of lubrication system
13	Testing and setting of petrol injection system