

DIPLOMA IN DIESEL MECHANIC (1 YEAR)

Semester-wise Syllabus

Course Duration: 1 Year (2 Semesters)

Sem	Code	Subject
I	DDM-101	Workshop Safety & First Aid
I	DDM-102	Engineering Drawing
I	DDM-103	Workshop Calculation & Science
I	DDM-104	Hand Tools & Measuring Instruments
I	DDM-105	Basic Diesel Engine Technology
I	DDM-106	Engine Components & Assembly
I	DDM-107	Practical-I
II	DDM-201	Fuel Supply System
II	DDM-202	Fuel Injection Pump & Injector
II	DDM-203	Cooling & Lubrication System
II	DDM-204	Starting & Charging System
II	DDM-205	Engine Overhauling & Troubleshooting
II	DDM-206	Employability Skills
II	DDM-207	Project Work / Industrial Training
II	DDM-208	Practical-II

Practical Topics

- Engine dismantling & assembly
- Valve adjustment
- Fuel injector testing
- Injection pump calibration
- Battery, starter & alternator servicing
- Engine fault diagnosis
- Preventive maintenance