

TAMIL NADU OPEN UNIVERSITY
Community College

Vocational Diploma in Four Wheeler Mechanism (VDFWM)

1	Name of the Institution, where Community College is proposed	
2	Approval of Employment and Training if any	
3	Whether the Institution is a Catering Institute/Hotel/NGO	
4	Whether the institution is Community College (if yes please attach tie-up and industrial partner details)	
5	Infrastructural Facilities Required for the VDFWM Programme	
	a. 2/3 Class Rooms for conducting class	
	b. General Tools(Figures in bracket shows required nos)	Please Tick
	(1).Hammer Ball Pein 2 Kg (1)	
	(2).Chisel Clod Flat 19 mm(1)	
	(3).Monkey Plier(1)	
	(4).Center Punch 10 cm(1)	
	(5).Nose Plier 6 Inches(1)	
	(6).Screw Driver, Philips or Flat 12 Inches(1)	
	(7).Bend Type Long Nose Plier 8 Inches(1)	
	(8).Plier Combination 15 cm(1)	
	(9).Hand File Smooth 20 cm(1)	
	b. Mechanical Tools (Figures in bracket shows required nos)	Please Tick
	(1).Fixed Spanner Set 6 to 32 Metric(1)	
	(2).Ring Spanner Set 6 to 32 Metric(1)	
	(3).Combination Spanner Set 6 to 32 Metric(1)	
	(4).Socket Box Spanner Set 6 to 32 Metric(1)	
	(5).Adjustable Wrench 12 Inches(1)	
	(6).L or T Spanner 10 Inches(1)	
	(7).L-N Key 6 to 16(1)	
	(8).Spark Plug Spanner(1)	
	(9).Fully(1)	
	(10).Ring Compressor(1)	
	(11).Ring Expander(1)	
	(12).Valve Spring Compressor(1)	
	(13).Torque Wrench 12 Inches(1)	
	(14).Stud Extractor 4 Inches(1)	
	(15).Stud Remover 4 Inches(1)	
	c. Measuring Tools (Figures in bracket shows required nos)	Please Tick
	(1).Still Rule 6 Inches(1)	
	(2).Filler Gauge 20 Blades(1)	
	(3).Compression Gauge 0 to 75 cm(1)	

(4).Cylinder Gauge(Capacity 6.25" 15 cm) (1)	
(5).Spark Plug Tester "NEON" Type(1)	
(6).Wheel Alignment Universal(1)	
(7).Cylinder Bore Gauge- Standard(1)	
(8).Tier Pressure Gauge(1)	
(9).Micrometer Outside 25 mm(1)	
(10).Inside Micrometer 50 to 75 mm(1)	
(11).Venire Caliper 8 Inches(1)	
d. Equipment	Please Tick
(1).Petrol Engine Assembly	
(2).Diesel Engine Assembly	
(3).Gear Box Assembly	
(4).Clutch Box Assembly	
(5).Differential Assembly	
(6).Suspension System Assembly	
(7).Steering System Assembly	
(8).Tyre	
(9).Frame	
(10).Radiator	
(11).Water Pump	
(12).Oil Pump	
(13).Oil Filter	
(14).Starter	
(15).Distributor	
(16).Mechanical Fuel Pump	
(17).Electrical Fuel Pump	
(18).Propeller Shaft	
(19).Ignition Oil	
(20).Master Cylinder	
(21).Wheel Cylinder	
(22).Front Axle	
(23).Rear Axel	
(24).Carburetor	
(25).Air Cleaner	
(26).Drive Lines	
(27).Tablar Spanner Set	
(28).Piston Ring Expander	
(29).Piston Ring Compressor	
(30).Set of Screw Drivers	
(31).Bearing Poller	
(32).Jacks(Mechanical)	
(33).Files(All types)	
(34).Hydrometer	
(35).Battery Cell Tester	
(36).Timing Light Gun	
(37).Oil Filter Spanner	
(38).Bench & Vice	
(39).Cross type Wheel Spanner	
(40).Grease Gun	
e. Vehicle Name	Please Tick

(1).Toyota Qualis		
(2).Maruti 1000		
(3).ICON		
(4).Hero Honda		
(5).Luna		
f.Engine Name	Please Tick	
(1).Maruti 1000 (Maruti)		
(2).Ambassador(Hindustan Motors)		
(3).118 Ne (Premier)		
(4).Matador Diesel Engine		
(5).Mazda Diesel Engine		
(6).Kirloskar Oil Engine		
(7).Fiat Petrol Engine		
g. Model Name	Please Tick	
(1).Two Stroke Engine Cut Model		
(2).Four Stroke Petrol Engine Cut Model		
(3).Four Stroke Diesel Engine Cut Model		
(4).Differential Assembly Model		
h.Book Name	Please Tick	
(1).The Basic Automobile Engineering		
(2).Automoto Mechanic		
(3).Motor Yantrik(Part I and Part II)		
(4).Two Wheeler Mechanic		
(5).Motor Mechanic		
6	Academic Requirements for VDFWM Programme (Enclose Bio Data as per the format given by TNOU)	(Please Tick)
VDFWM-1: Automobile Engine and Electrical System	Degree/Diploma in Automobile Engineering	
VDFWM-2: Chassis and Transmission System	Degree/Diploma in Automobile Engineering	
VDFWM-3: Automobile Electronics	Degree/Diploma in Automobile Engineering	
CNS: Communication Skills	Degree in English	
LCS: Life Coping Skills	Degree in Social Work	

I Dr/Shri/Smt_____ certify that the above infrastructural facilities are available in the proposed Community College and the same may be verified at any time.

Seal of the Organisation

Signature of Head of the Organisation