TAMIL NADU OPEN UNIVERSITY

**School of Continuing Education**

**Vocational Diploma in Vehicle Mechanic (VDVM)**

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| 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 VDVM 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) | |  |

1

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|  | (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 |

2

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|  | (1).Toyata 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 VDVM Programme (Enclose Bio Data as per the format given by TNOU) | | | (Please Tick) |
| VDVM-1: Automobile Engine and Electrical System | Degree/Diploma in Automobile Engineering | |  |
| VDVM-2: Chassis and Transmission System | Degree/Diploma in Automobile Engineering | |  |
| VDVM-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 Organization Signature of Head of the Organization**

3