

**List of MES Course Curricula approved by NCVT  
(as on 01.01.2008)**

S.N.	Sector	Name of Course	Educational Qualification	Duration (hours)
1.	Automobile	Basic Automotive Servicing (4 Wheelers)	5 <sup>th</sup>	180
2.	Automobile	Basic Automotive Servicing (2-3 wheelers)	"	180
3.	Automobile	Repair & Overhauling of 2 wheelers( moped)	"	210
4.	Automobile	Repair & overhauling of 2 wheelers (scooter)	"	240
5.	Automobile	Repair & overhauling of 2 wheelers (motor cycle)	"	270
6.	Automobile	Repair & overhauling of 3 wheelers	"	270
7.	Automobile	Repair & overhauling of engine systems (petrol/diesel)	"	320
8.	Automobile	Repair & overhauling of Chassis system (Light Vehicle)	"	320
9.	Automobile	Repair & overhauling of Chassis system (Heavy Vehicle)	"	320
10.	Automobile	Repairing of Auto Air Conditioning System	"	240
11.	Automobile	Wheel Alignment & Balancing	"	120
12.	Automobile	Minor Repair of Auto Body	"	210
13.	Automobile	Auto Body Painting	"	180
14.	Automobile	Diesel Fuel injection Technician	"	180
15.	Automobile	Repair & overhauling of Auto electrical & Electronic system	8 <sup>th</sup>	320
16.	Banking and Accounting	Accounting	12 <sup>th</sup>	450
17.	Beauty Culture & Hair Dressing	Basics of Beauty and Hair Dressing	8 <sup>th</sup>	150
18.	Beauty Culture & Hair Dressing	Massage Therapist	"	60
19.	Beauty Culture & Hair Dressing	Make up Artist	"	90
20.	Beauty Culture & Hair Dressing	Facial Therapist	"	120
21.	Beauty Culture & Hair Dressing	Hair stylist	"	120
22.	Beauty Culture & Hair Dressing	Hair Colourist	"	60
23.	Beauty Culture & Hair Dressing	Hair cutting Specialist	"	120
24.	Beauty Culture & Hair Dressing	Beauty Therapist	10 <sup>th</sup>	120
25.	Beauty Culture & Hair Dressing	Hair Therapist	"	120
26.	Carpet	Handknotted Woolen Carpet Manufacturing	5 <sup>th</sup>	240
27.	Carpet	Tibbetan Carpet Manufacturing	"	240
28.	Carpet	Flat woven Dhurrie Manufacturing	"	240
29.	Carpet	Hand Spinning of Woolen Carpet Yarn	"	240
30.	Carpet	Hand Spinning of Cotton Carpet Yarn	"	240
31.	Carpet	Hand tufted Carpet Manufacturing	"	240
32.	Carpet	Broadloom Carpet Manufacturing	"	240
33.	Carpet	Carpet Yarn Dyeing	"	240
34.	Carpet	Carpet Finishing – I	"	240
35.	Carpet	Hand knotted Silk Carpet Manufacturing	"	240
36.	Carpet	Natural Fibres for Carpets	"	240
37.	Carpet	Manufacture of fabric related to Carpet	8 <sup>th</sup>	150
38.	Carpet	Spinning of Woolen Carpet yarn	"	240
39.	Carpet	Entrepreneurship & Export Management	10 <sup>th</sup>	240
40.	Carpet	Spinning of Cotton Carpet yarn	"	240
41.	Carpet	Carpet Backing	"	240
42.	Carpet	Carpet yarn dyeing with Natural Dyes	"	120
43.	Carpet	Carpet Finishing - II	"	240
44.	Carpet	Designing of fabric related to Carpet	"	360
45.	Carpet	Modern Carpet Yarn Manufacturing	"	120
46.	Carpet	Carpet Designing CAD	"	240
47.	Carpet	Fundamentals of I. T. & its application in Carpet Industry	"	240
48.	Chemical	Safety & General Awareness in Chemical Industry	8 <sup>th</sup>	90
49.	Chemical	Process Attendant Chemical Plant	"	90
50.	Chemical	Mechanical Operation Attendant in Chemical Plant	"	60
51.	Chemical	Maintenance Attendant Chemical Plant	"	60
52.	Chemical	Instrument Attendant Chemical Plant	"	90
53.	Chemical	Lab Attendant (Chemical Plant)	"	60
54.	Chemical	Industrial Chemical Manufacturing Attendant	"	60
55.	Chemical	Heat Transfer Equipment Attendant (Chemical Plant)	"	90

S.N.	Sector	Name of Course	Educational Qualification	Duration (hours)
56.	Chemical	Mass transfer Equipment Operator – I	“	60
57.	Chemical	Mass transfer Equipment Operator - II	“	60
58.	Chemical	Maintenance of Pumps & Valves (Chemical Plant)	“	90
59.	Chemical	Industrial Chemical Manufacturing Assistant	“	60
60.	Chemical	Maintenance & Repairs of Pressure, Flow, Temperature and Level Instruments	“	90
61.	Chemical	Advance Instrumentation & Control attendant	10 <sup>th</sup>	90
62.	Electrical	Basic Electrical Training	8 <sup>th</sup>	120
63.	Electrical	Repair of Home Appliance	“	120
64.	Electrical	House Wiring	“	120
65.	Electrical	Electronic Choke & CFL Assembling	“	120
66.	Electrical	Transformer Winding	“	120
67.	Electrical	Armature Winding	“	120
68.	Electrical	Rewinding of AC/DC Motors	“	120
69.	Electrical	Repair of Electrical Power Tools	“	120
70.	Electrical	Maintenance of Batteries	“	60
71.	Electronics	Basic Electronics (Repair & Maintenance of Power supply, inverters and UPS)	“	120
72.	Electronics	Installation & Maintenance of DTH System	“	60
73.	Electronics	Digital Videography Editing and Mixing	“	150
74.	Electronics	Repair & Maintenance of washing machine and microwave oven	“	60
75.	Electronics	Repair & Maintenance of TV Receiver	“	180
76.	Electronics	Maintenance & Repair of Electronic Test Equipment	“	240
77.	Electronics	Repair & Maintenance of Cellular Phone	“	210
78.	Electronics	Repair & Maintenance of Intercom System	“	150
79.	Electronics	Installation & Maintenance of Electronic Equipments in Cell Phone towers	“	240
80.	Electronics	Repair & Maintenance PA & Audio Systems	“	120
81.	Electronics	Repair & Maintenance Photocopier and Fax Machine	“	120
82.	Electronics	Operation of clinical Equipment	“	180
83.	Electronics	Operation of ECG & ICCU Instruments	“	120
84.	Electronics	Maintenance of ECG & ICCU Equipment	“	120
85.	Electronics	Operation of X-Ray Machine & Dark room Assistance	“	120
86.	Electronics	Maintenance of X-Ray Machine	“	240
87.	Electronics	Operation of Physio Therapy Equipment	“	120
88.	Electronics	Maintenance of Physio Therapy Equipment	“	120
89.	Fabrication	Basic Welding (Gas)	“	120
90.	Fabrication	Basic Welding (Arc)	“	120
91.	Fabrication	Gas Cutting	“	120
92.	Fabrication	TIG Welding	“	90
93.	Fabrication	MAG/ CO2 Welding	“	90
94.	Fabrication	Fabrication Welding	“	180
95.	Fabrication	Pipe welding (TIG & ARC)	“	150
96.	Garment Making	Hand Embroider	5 <sup>th</sup>	210
97.	Garment Making	Machine Embroidery Operator	“	210
98.	Garment Making	Garment packer	“	120
99.	Garment Making	Garment Ironer	“	120
100	Garment Making	Tailor (Basic Sewing Operator)	“	270
101	Garment Making	Maintenance of Machines in Garment Sectors	8 <sup>th</sup>	300
102	Garment Making	Computerized Embroidery Machine Operator	10 <sup>th</sup>	210
103	Garment Making	Garment Cutter	8 <sup>th</sup>	270
104	Garment Making	Garment Checkers	“	210
105	Garment Making	Skilled Sewing Operators	“	210
106	Garment Making	Special Sewing Machine Operator	10 <sup>th</sup>	270
107	Garment Making	Tailor Children	8 <sup>th</sup>	210

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108	Garment Making	Tailor Ladies	"	420
109	Garment Making	Tailor Gent's	"	210
110	Garment Making	Tailor Suits	10 <sup>th</sup>	300
111	Gem and Jewelry	Gem Cutting Assistant	8 <sup>th</sup>	180
112	Hospitality	Hospitality Assistant	8 <sup>th</sup>	180
113	Hospitality	Household Assistant (General )	8 <sup>th</sup>	150
114	Hospitality	Household Assistant (Kitchen and Service)	8 <sup>th</sup>	150
115	Information and Communication Technology	Computer Fundamentals, MS-Office & Internet	10 <sup>th</sup>	120
116	Information and Communication Technology	Tally	"	180
117	Information and Communication Technology	Desk Top Publishing	8 <sup>th</sup>	180
118	Information and Communication Technology	Telecom Sales	10 <sup>th</sup>	180
119	Information and Communication Technology	Computer Hardware	"	180
120	Information and Communication Technology	Computer Networking	"	180
121	Information and Communication Technology	Domestic BPO	"	180
122	Information and Communication Technology	Internet Kiosk Operators	"	60
123	Information and Communication Technology	Web Designing	"	180
124	Khadi	Spinning on new model Charkha	5 <sup>th</sup>	150
125	Khadi	Plain Weaving on Frame Loom	"	720
126	Khadi	Advance Spinning (Woolen)	10 <sup>th</sup>	420
127	Khadi	Advance Spinning (Cotton & Muslin)	"	420
128	Khadi	Advance Spinning (Silk)	"	420
129	Khadi	Advance Weaving ( Woolen)	"	390
130	Khadi	Advance Weaving (Silk)	"	480
131	Khadi	Advance Weaving (Cotton/Polyvastra)	"	480
132	Medical & Nursing	Bedside Assistant	8 <sup>th</sup>	450
133	Plastic Processing	Basic Fitting & Measurement	5 <sup>th</sup>	120
134	Plastic Processing	Basic Electrical Joints & Fitting	"	120
135	Plastic Processing	Plastic Mould assistant for injection moulding	"	120
136	Plastic Processing	Plastic mould assistant for Compression moulding	"	120
137	Plastic Processing	Plastic mould assistant for Extrusion Moulding	"	120
138	Plastic Processing	Plastic mould assistant for Blow moulding	"	120
139	Plastic Processing	Auto Plastic mould assistant ( injection moulding)	"	120
140	Plastic Processing	Auto Plastic mould assistant ( compression moulding)	"	120
141	Plastic Processing	Auto Plastic mould assistant ( extrusion moulding)	"	120

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142	Plastic Processing	Auto Plastic mould assistant ( blow moulding)	“	120
143	Printing	Basic for Printing Sector (Except Book Binding)	8 <sup>th</sup>	120
144	Printing	Basic Book Binding	“	120
145	Printing	Screening printing	“	150
146	Printing	Book Binder	“	150
147	Printing	Offset Machine Operator –Sheet Fed (Single & Multi Colour))	10 <sup>th</sup>	150
148	Printing	Offset Machine Operator – ( Web Perfector)	“	150
149	Printing	Offset Plate maker	“	150
150	Printing	DTPO	“	150
151	Printing	Advanced/ Supervisory ( Except Book Binding)	“	120
152	Printing	Advanced/ Supervisory (Book Binding)	“	120
153	Process Instrumentation	Instrumentation Panel fabrication and installation of pipe line	8 <sup>th</sup>	160
154	Process Instrumentation	Process instrumentation machinery and equipment mechanic	“	160
155	Process Instrumentation	Maintenance of recorders, transmitters and analyzers	“	160
156	Production and Manufacturing	Turning	“	210
157	Production and Manufacturing	Advance Turning	“	240
158	Production and Manufacturing	Milling	“	210
159	Production and Manufacturing	Advance Milling	“	240
160	Production and Manufacturing	Surface Grinding	“	210
161	Production and Manufacturing	Cylindrical Grinding	“	210
162	Production and Manufacturing	CNC Turning	10 <sup>th</sup>	240
163	Production and Manufacturing	CNC Milling	“	240
164	Refrigeration & Air-conditioning	Basic Refrigeration & Air Conditioning	5 <sup>th</sup>	120
165	Refrigeration & Air-conditioning	Repair & Maintenance of Refrigerators and Deep Freezers	“	120
166	Refrigeration & Air-conditioning	Service & Maintenance of Water Cooler & Bottle Cooler	“	120
167	Refrigeration & Air-conditioning	Repair & maintenance of Air Conditioner	“	120
168	Refrigeration & Air-conditioning	Repair & maintenance of Car Air-Conditioning Unit	“	120
169	Refrigeration & Air-conditioning	Service & Maintenance of Air Conditioning Plant	8 <sup>th</sup>	150
170	Retail	Sales Person ( Retail)	10 <sup>th</sup>	180
171	Retail	Senior Sales Person ( Retail)	“	120
172	Toy Making ( Soft Toy)	Pattern & Mould Maker ( Soft Toy)	5 <sup>th</sup>	240
173	Toy Making ( Soft Toy)	Cutter & Fixer of Toys Parts ( Soft Toy)	“	180
174	Toy Making ( Soft Toy)	General Sewing m/c Operator ( Soft Toy)	“	360
175	Toy Making ( Soft Toy)	Willower & Stuffer ( Soft Toy)	“	150
176	Toy Making ( Soft Toy)	Finisher & Painter ( Soft Toy)	“	180

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177	Toy Making ( Soft Toy)	Packer ( Soft Toy)	"	90
178	Toy Making ( Soft Toy)	Special Sewing m/c Operator ( Soft Toy)	"	300
179	Indian Sweets, Snacks and Food	Attendant-Ethnic Indian Sweets, Snacks & Food	5 <sup>th</sup>	300
180	"	Assistant Craftsman-Bengali Sweets	"	180
181	"	Craftsman-Bengali Sweets	"	150
182	"	Assistant Craftsman-Ghee Based Sweets	"	210
183	"	Craftsman-Ghee BasedSweets	"	150
184	"	Assistant Craftsman-Kaju & Dry Fruit Based Sweets	"	180
185	"	Craftsman-Kaju & Dry Fruit BasedSweets	"	150
186	"	Assistant Craftsman-Milk & Khoa Sweets	"	180
187	"	Craftsman-Milk & Khoa Sweets	"	150
188	"	Assistant Craftsman- Namkeens & Savouries	"	180
189	"	Craftsman-Namkeens & Savouries	"	150
190	"	Assistant Craftsman-Indian Snacks	"	210
191	"	Craftsman-Indian Snacks	"	150
192	"	Assistant Craftsman-North Indian Food	"	210
193	"	Craftsman-North Indian Food	"	150
194	"	Assistant Craftsman-South Indian Food	"	180
195	"	Craftsman-South Indian Food	"	150
196	"	Assistant Craftsman-Indian Chinese Food	"	180
197	"	Craftsman-Indian Chinese Food	"	150
198	"	AssistantCraftsman-Continental Food	"	180
199	"	Craftsman-Continental Food	"	150
200	"	Assistant Craftsman-Indian Chat	"	180
201	"	Craftsman-Indian Chat	"	150
202	"	AssistantCraftsman-Retail Counter Indian Chat	"	120
203	"	Craftsman-Retail Counter Indian Chat	"	90
204	"	Assistant Craftsman-Retail Counter Sweets	"	120
205	"	Craftsman-Retail Counter Sweets	"	90
206	"	Assistant Craftsman-Retail Counter Restaurant	"	120
207	"	Craftsman-Retail Counter Restaurant	"	90
208	"	Assistant Craftsman-Indian Desserts	"	120
209	"	Craftsman-Indian Desserts	"	90
210	"	Assistant Craftsman-Indian Syrups & Thandai	"	120
211	"	Craftsman-Indian Syrups & Thandai	"	90

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212	"	Assistant Craftsman-South Indian Snacks	"	150
213	"	Craftsman-South Indian Snacks	"	120
214	Paint industry	Painter Assistant/helper	"	90
215	"	Wall Painter	"	120
216	"	Wood Painter	"	180
217	"	Metal Surface Painter	"	150
218	"	Spray Painter	"	90
219	"	Painter(Application, Testing, Handling and Storing)	"	120
220	Construction	Assistant Shuttering Carpenter & Scaffolder	5th	300
221	"	System Shuttering Carpenter	"	300
222	"	Conventional Shuttering Carpenter	"	300
223	"	Scaffolder	"	300
224	"	Building Carpenter	"	300
225	"	Assistant Bar Bender & Steel Fixer	"	300
226	"	Bar Bender	"	300
227	"	Assistant Mason	"	300
228	"	Mason	"	300
229	"	Tiler (Ceramic)	"	300
230	"	Assistant Plumber	"	300
231	"	Plumber	"	300