

SCHEDULE OF TRAINING PROGRAMMES FROM APRIL 2017 TO MARCH 2018

Code	Name of the course	Starting dates	Duration	Timings	Tuition Fee Including Service Tax @15%	Brief Contents	Eligibility
CAD/CAM COURSES							
ST 01	Auto CAD (Sunday Session)	May, August, November 2017 & February 2018	60 Hours	9.00 AM -5.00PM Sundays only	Rs. 4,830/-	Basics of Engg. Drg. Creating and Editing objects, Layers, Line Types, Dimensioning, Layout, 3-dimensional CAD, Exercised based practice.	Pursuing Degree/Diploma, ITI, Mech.Trades or 10th
ST 01	Auto CAD (Regular Session)	Every Month	60 Hours	9.00 AM -5.00PM	Rs. 4,830/-	Same as above	- do -
ST 02	Integrated CAD/CAM Pro-E (Sunday Session)	May, August, November 2017 & February 2018	120 Hours	9.00 AM-5.00PM Sundays only	Rs. 12,075/-	Fundamentals, Sketcher, Modeling, Pro-surface, Assembly, Machining, Exercised based practice	Pursuing Degree, Diploma, ITI in Mech. Trades
ST 02	Integrated CAD/CAM Pro-E (Regular Session)	Every Month	120 Hours	9.00 AM-5.00PM	Rs. 12,075/-	Same as above	- do -
ST 03	Integrated CAD/CAM Solid works (Regular Session)	Every Month	80 Hours	9.00 AM-5.00PM	Rs. 8,510/-	Sketcher, Part Modeling, Advance Part Modeling, Surfacing, Assembly, Exercised based practice	- do -
ST 04	Integrated CAD/CAM Master CAM (Regular Session)	Every Month	60 Hours	9.00 AM-5.00PM	Rs. 7,245/-	Sketcher, Part Modeling, Surface Modeling, Manufacturing, Exercised based practice	- do -
ST 05	Integrated CAD/CAM NX/Unigraphics	Every Month	120 Hours	9.00 AM-5.00PM	Rs. 14,490/-	Sketcher, Part Modeling, Advance Part Surface Modeling, Assembly, Drafting, Manufacturing and Simulation, Exercised based practice	- do -
ST 06	Integrated CAD/CAM CATIA	Every Month	120 Hours	9.00 AM-5.00PM	Rs. 12,075/-	Sketcher, Modeling, Surfacing, Assembly, Machining, Exercised based practice	- do -
ANALYSIS SOFTWARES							
ST 07	Mechanical Analysis with Hyper Works:	Every Month	02 weeks	9.00 AM-5.00PM	Rs. 8,970/-	Basics of FEA and Numerical schemes, Introduction to Hypermesh, 2D & 3D Meshing, Introduction to Optistruct/ Radioss, Structural linear & Modal analysis, Basics of FEA and Numerical schemes, Introduction to Hypermesh, 2D, 3D & CFD Meshing, Introduction to Accusolve	Pursuing Degree, Diploma, ITI in Mech. Trades
ST 08	Thermal & CFD Analysis with Hyper Works:	Every Month	02 weeks	9.00 AM-5.00PM	Rs. 8,970/-	Basics of FEA and Numerical schemes, Introduction to Hypermesh, 2D, 3D & CFD Meshing, Introduction to Accusolve	- do -
ST 09	Analysis with Ansys	Every Month	02 weeks	9.00 AM-5.00PM	Rs. 8,970/-	Introduction to FEA and Ansys, APDL & Workbench interface, Structural analysis, Thermal analysis, Modal analysis	- do -
ST 10	Moldflow Analysis with Moldex 3D	Every Month	02 weeks	9.00 AM-5.00PM	Rs. 8,970/-	Introduction to Molds, 2 plate molds & 3 plate molds, Introduction to Moldex3D software, Conformal cooling system design, Solid meshing, Flow, Pack, Cool & Wrap analysis	- do -

CNC MACHINING COURSES							
ST 11	CNC Turning	Every Month	02 Months	11.00AM-5.00PM 5.00 PM-9.00 PM	Rs. 30,475/-	Fundamentals and basics of CNC Turning using machine controls e.g. Sinumeric and Fanuc, Practical on machines	Pursuing Degree, Diploma, ITI in Mech. Trades
ST 12	CNC Milling	Every Month	02 Months	11.00AM-5.00PM 5.00 PM-9.00 PM	Rs. 30,475/-	Fundamentals and basics of CNC Milling using machine controls e.g. Haidenheim, Sinumeric and Fanuc, Practical on machines	- do -
ST 13	CNC Wire Cut & EDM	Every Month	One Month	11.00AM-5.00PM 5.00 PM-9.00 PM	Rs. 12,075/-	Fundamentals and basics of CNC Wire Cut using Elapt machine control, Practical on machine.	- do -
ST 14	Advance CAD/CAM & CNC Machines	Every Month	17 weeks	9.00AM-5.00PM	Rs. 42,550/-	Computer Aided Drafting, Pro-E, Solid works, Master CAM, Unigraphics, Programming of CNC Turning, CNC Milling, CNC Wire Cut and practical exposure on these machines	- do -
ST 15	CNC Programming & Machining	Every Month	03 weeks	2.00PM-6.00PM	Rs. 12,075/-	Programming and working operations of CNC Turning, CNC Milling, CNC Wire Cut and practical exposure on these machines	Pursuing Degree, Diploma, ITI, Mech. Trades or experienced persons working in line
ST 16	Manufacturing Automation	April, July, Oct 2017 & Feb 2018	02 Months	2.00 PM-6.00 PM	Rs. 12,075/-	Basics of Hydraulics, Pneumatics, Selection of Hydraulics & Pneumatics for Automation, Robotics, F M S & its applications	- do -
ST 45	Integrated CNC Milling and Turning Programming & Simulation	Every Month	02 weeks	2.00PM-6.00PM	Rs. 24,150/-	Introduction to CNC Machines and operations. Concept of Programming and its various controls, Programming and Simulation of CNC M/cs, Post processing from CAD/CAM Software.	Pursuing Degree, Diploma, ITI in Mech.Trades
TOOL & DIE TECHNOLOGY COURSES							
PT 01	Post Diploma in Computer Aided Tool Engineering	10 th April 2017	One year (part time)	6.00 PM - 8.00PM	Rs. 36,225/-	Computer Aided Drafting, Press Tools Design, Plastic Mould Design, Jigs & Fixture Design and Advance CAD Modelling.	Degree, Diploma in Mech.Trades
PT 02	Certificate Course In Computer Aided Tool Design	10 th April 2017	One year (part time)	6.00 PM -8.00PM	Rs. 30,475/-	Computer Aided Drafting, Press Tools Design, Plastic Mould Design, Jigs & Fixture Design and Basic CAD Modelling	ITI/10 th with 5 years industrial experience
ST 25	3D Printing	Every Month	One week	9.30AM-12.30PM	Rs. 3,680/-	Introduction, Types of RP Technologies, Rapid Tooling, Vacuum Casting, Applications.	Pursuing Degree/Diploma, ITI, Mech.Trades
SKILL DEVELOPMENT COURSES							
MT 01	Machinist	07.08.17 08.02.18	Six Months	3.00PM-08.30PM	Rs. 36,225/-	Engg Drg. Measurement, Workshop Technology. Workshop Practice, Practical on Lathe Machine, Milling Machine & Grinding Machine.	10 th Pass
ST 26	Turner	April, July, Oct 2017 & Jan 2018	Three Months	3.00PM-08.30PM	Rs. 18,400/-	Engg Drg. Measurement, Workshop Technology, Workshop Practice, Practical on Lathe Machine.	10 th Pass
ST 27	Fitter	April, July, Oct 2017 & Jan 2018	Three Months	3.00PM-08.30PM	Rs. 18,400/-	Engg Drg, Measurement, Workshop Technology, Fitting Shop Practice.	10 th Pass

ST 28	Computer Hardware & Net Working	Every Month	Two Months	2.00PM-6.00PM	Rs. 6,095/-	Computer Hardware, Assembly of Computer, Installation of Operating Software & Application Software, LAN & its components.	10 th Pass
ST 32	Welder (Basic)	Every Month	01 month	2.00PM-6.00PM	Rs. 6,095/-	Types of Welding e.g. Arc Welding & Gas Welding, Selection of Electrodes, Gas Cutting, Safety Precautions & Welding Practice.	8 th Pass
ST 33	Programming Logic Control	Every Month	One Month	8.00AM-12.00PM 5.00PM-9.00PM	Rs. 12,075/-	Basics of Electrical, PLC Details, I/O Configuration, Memory Mapping, Programmes & Ladder diagrams, Communication & fault finding, PLC applications, Basics of Hydraulics & Pneumatics, Applications of Hydraulics & Pneumatics in Automation.	Pursuing Degree/Diploma in Mech., Electrical, Production, Electronics & Comm. Engg.
ST 34	Measurement & Reverse Engineering	Every Month	One Month	8.00AM-12.00PM 5.00PM-9.00PM	Rs. 12,075/-	Introduction to scanning concept, types of scanning, scanning process, aligning scanned shots, merging data, creation of ply file, STL file, introduction to polyworks, IMINSPECT & IMEDIT, aligning the PLY file object, importing the CAD data, comparison of CAD data with scanned, creation of CAD data from the scanned data.	Pursuing Degree/Diploma in Mech. Trades
ST 35	Coordinate Measuring Machine	Every Month	One Month	8.00AM-12.00PM 5.00PM-9.00PM	Rs. 12,075/-	Basics of CMM, Probe Calibration, Measurement-Plane, Circle, Cone etc., C.D., P.C.D., Cone Diameter at particular height, Height at particular diameter, Atomic measurement of small holes, Absolute & relative movement, Report with nominal value, Scanning of circle, circle segment, Distance between two face and points, Parallelism, perpendicularity, position, symmetry etc, Macro function	Pursuing Degree/Diploma in Mech. Trades
SAMSUNG COLLABORATED COURSES							
ST 36	Tablets, Mobile Phone, Smart Phone etc. (Handheld Products-HHP)	Every Month	03 months	9.00AM-1.00PM	Rs. 17,250/-	Basic concepts of electronics, repairing of android smart phones, tabs	12 th /Pursuing ITI/Diploma/Degree in relevant trades
ST 37	LED, LCD, Plasma TV, Home Theater (Audio Video-AV)	Every Month	03 months	9.00AM-1.00PM	Rs. 17,250/-	Basic concepts of electronics, introduction of LED, Plasma TV, Curve TV, their maintenance & installation. Repairing of home theatre system.	12 th /Pursuing ITI/Diploma/Degree in relevant trades
ST 47	Split AC, (Room Air Conditioner-RACHA)	Every Month	04 months	9.00AM-1.00PM	Rs. 23,000/-	Review basic concepts repairing, trouble shooting installation of Split Room Air Conditioner (inverter & non-inverter) repairing, troubleshooting of refrigerator (invertor & non inverter) Repair, troubleshooting & maintenance of washing machine (front loaded, top loaded). Repair & maintenance of microwave oven	12 th /Pursuing ITI/Diploma/Degree in relevant trades
ST 44	AC Installation	Every Month	02 weeks	9.00AM-1.00PM	Rs. 3,450/-	Introduction to basic Refrigeration Cycle, Tube Cutting, Tube Straightening, Flare making, brazing and installation.	10 th Pass

ST 46	AVIIDM (Installation and Demo of LED's)	Every Month	02 weeks	9.00AM-1.00PM 2.00PM-5.00PM	Rs. 3,450/-	Introduction, Basics, Installation Process, Remote Controller and key features, Software upgradation, Making connections & Segment comparison	10 th Pass	
NSQF Approved Courses								
QP Code	Name of the course	NSQF Level	Starting dates	Duration (Hours)	Timing	Course Fee (Tax Free)	Brief Contents	Eligibility
MSME/PG DTD&CC/01	Post Graduate Diploma in Tool Design & CAD CAM	LEVEL 8	Jun-17	2340 (18 Months) 3 Semester	6 hr/day	Rs. 45,000/- Per Semester	CNC PROGRAMMING AND CNC MACHINING, Computer Aided Design (CAD-Auto CAD/Collab CAD and Solid works), Computer Aided manufacturing. (Master CAM & Unigraphics CAM), JIGS, FIXTURES AND GAUGES, DESIGN OF PRESS TOOLS, DESIGN OF MOULDS, DESIGN OF DIE CASTING DIES, Advanced Metrology, Advanced-CAD-I (Unigraphics & CATIA), Manufacturing process-process planning and heat treatment, Advanced-CAD-II (PRO-E), COMPUTER AIDED ENGINEERING (ANSYS), RAPID PROTOTYPING AND REVERSE ENGINEERING, ENTREPRENEURSHIP, ENGINEERING RESEARCH METHODOLOGY	Preferably Graduate (Mech. Engineering / Prod. Engineering or equivalent)
MSME/AD CNC/06	Advanced Diploma in CNC Programming Techniques and Practices	LEVEL 6	Jun, 2017 Jan, 2018	900 (6 Months)	6 hr/day	Rs. 60,000/-	Production Technology, Auto-CAD, ENGINEERING DRAWING, METROLOGY, CNC PROGRAMMING, MASTERCAM, UNIGRAPHICS, PROJECT WORK, Material Technology, COMUNICATION SKILL	Preferably Diploma in Mechanical/ Production/Tool Design/Mould Making/Automobile
MSME/PD CC/ 13	Post Diploma In CAD/CAM	LEVEL 6	Jun, 2017 Jan, 2018	1560 (12 Months) 2 Semester	6 hr/day	Rs. 45,000/- Per Semester	Engineering Drawing, CNC PART PROGRAMMING, Computer Fundamentals and Auto Cad, SOLIDWORKS, PRO-Engineer, Finite Element Analysis (FEA), REVERSE ENGINEERING, WORK NC, Master CAM, Unigraphics - NX, ENTREPRENEURSHIP AND MANAGERIAL SKILLS, CATIA, BASIC ENGINEERING CONCEPT, SAFETY AND MAINTANANCE	Diploma / Degree in Mechanical, Production, Tool & Die Making / Automobile or equivalent.
MSME/PD TDM/10	Post Diploma In Tool & Die Manufacturing	LEVEL 6	Jun, 2017 Jan, 2018	1560 (12 Months) 2 Semester	6 hr/day	Rs. 45,000/- Per Semester	CNC PROGRAMMING AND CNC MACHINING, Computer Aided Design (CAD-Auto CAD/Collab CAD and Solid works), Fundamental of Tool & Die Manufacturing, Engineering Metrology and Quality Assurance, Production Planning & Controls, Computer Aided manufacturing. (Master CAM & Unigraphics CAM), Advance CAM (Del cam – 3 Axis and 5 Axis), Engineering Materials and Heat treatment, TOTAL QUALITY MANAGEMENT, METAL CUTTING AND TOOL DESIGN, ENTREPRENEURSHIP	Preferably Diploma (Mech. Engineering or equivalent)
MSME/CC AM/07	Certificate Course in Advance Machining	LEVEL 5	Jun, 2017 Jan, 2018	1920 (12 Months) 2 Semester	6 hr/day	Rs. 40,000/- Per Semester	Production Technology, ENGINEERING DRAWING, Metrology, MATERIAL TECHNOLOGY, Auto CAD, CNC Lathe, CNC Milling, Non-conventional machining, INPLANT TRAINING, COMUNICATION SKILL	Preferably ITI fitter.

MSME / HT/ 23	Certificate Course in Heat Treatment	LEVEL 4	Jun, 2017 Jan, 2018	3120 hours (2 Years)	6 hr/day	Rs. 15,000/- Per Year	Engineering Drawing, Communication at Workplace, Safety practices, Engineering metals, Mechanical properties & Spark testing, Heat treatment-I(Plain carbon steels), Heat treatment-II(Low carbon steels), Heat treatment-III(Alloy steels), Heat treatment Practice, 6 months In-plant Training(On-the-job Training), 6 months Internship	Preferably 10 th pass
MSME/CC TDM/29	Condensed Course In Tool And Die Making	LEVEL 4	Jun, 2017 Jan, 2018	1560 (12 Months) 2 Semester	6 hr/day	Rs. 1,15,000/-	Production technology, Auto CAD, Part Programming, Master Cam, Press Tool Design, CNC Technology, Engineering Drawing, Material Technology, Metrology, Press Tool Theory, Press Tool Design, Mould Manufacturing, Modern Manufacturing Technology, Jigs and Fixture , Mould Theory, Communicative English, Industrial Management, Inplant Training & Project Work	Preferably Matriculation (10 th) pass
ELE/Q310 8	Field Engineer – TV	LEVEL 4	Jun, 2017 Jan, 2018	250 hours	6 hr/day	Rs. 17,000/-	Basic concepts of electronics, introduction of LED, Plasma TV, Curve TV, their maintenance & installation. Repairing of home theatre system.	8th Standard passed, ITI/Diploma (Electrical/Electronics)
TEL/Q220 1	Handset Repair Engineer (Level II)	LEVEL 4	Jun, 2017 Jan, 2018	180 hours	6 hr/day	Rs. 14,000/-	Basic concepts of electronics, repairing of android smart phones, tabs, repairing of various components of the handset (such as IC, camera, touch screen, keypad, sound, light etc.).	10+2/ITI/Diploma/Certification in repairing services.
MSME/CC CT/55	Certificate Course in CNC Turning	LEVEL 4	Jun, 2017 Jan, 2018	780 Hrs	6 hr/day	Rs. 45,000/-	Engineering Drawing, Engineering Metrology, Workshop Technology, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Turning Programming & CNC Machining, Employability skill, CNC TURNING PROGRAMMING - On job Training	10TH passed or its equivalent. Minimum age 15 years
MSME/CC CM/54	Certificate Course in CNC Milling	LEVEL 4	Jun, 2017 Jan, 2018	780 Hrs	6 hr/day	Rs. 45,000/-	Engineering Drawing, Engineering Metrology, Workshop Technology, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Milling Programming & CNC Machining, Employability skill, CNC Milling PROGRAMMING - On job Training	10TH passed or its equivalent. Minimum age 15 years
ELE/Q310 2	Field Technician – Air-conditioned	LEVEL 4	Jun, 2017 Jan, 2018	200 hours	6 hr/day	Rs. 20,000/-	Introduction to basic Refrigeration Cycle, Tube Cutting, Tube Straightening, Flare making, brazing and installation. Basic concepts repairing, trouble shooting installation of Split Room Air Conditioner (inverter & non-inverter) repairing	8th Pass with 2 years experience as Field Technician OR 10th Pass/ higher qualification with no experience

MSME/CC MO/21	Certificate Course In Machine Operations	LEVEL 3	Jun, 2017 Jan, 2018	1560 (12 Months) 2 Semester	6 hr/day	Rs. 35,000/- Per Semester	MACHINE SHOP THEORY, ENGINEERING METROLOGY, ENGINEERING DRAWING, WORKSHOP CALCULATION AND SCIENCE, EMPLOYABILITY SKILL, Practical Lab, PROJECT	8th pass and Minimum Age 15 Years
ELE/Q730 5	Assembly Operator - PLC	LEVEL 3	Jun, 2017 Jan, 2018	200 hours	6 hr/day	Rs. 14,000/-	Basics of Electrical, PLC Details, I/O Configuration, Memory Mapping, Programmes & Ladder diagrams, Communication & fault finding, PLC applications, Basics of Hydraulics & Pneumatics, Applications of Hydraulics & Pneumatics in Automation.	12th standard passed, ITI/Diploma (Electronics/Electrical)

All the dates mentioned are tentative and candidates should confirm the dates and availability of seats well in advance.

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