

SCHEDULE OF SHORT TERM COURSES FROM APRIL 2011 TO MARCH 2012

CAD/CAM COURSES								
S.NO	Name of the course	Starting dates	Duration	Timings	Intake	Fee	Brief Contents	Eligibility
1.	Auto CAD (Sunday Session)	May, July, September, November 2011, January & March, 2012	60 Hours	9.00 AM -5.00PM Sundays only	20	Rs.4, 000/-	Creating and Editing objects, Layers, Line Types, Dimensioning, Layout, 3-dimensional CAD, Exercised based practice.	Degree/Diploma, ITI, Mech.Trades or 10 th
2.	Auto CAD (Regular Session)	Every Month	60 Hours	9.00 AM -5.00PM	15	Rs.4, 000/-	Same as above	- do -
3.	Integrated CAD/CAM Pro-E (Sunday Session)	May, August, Dec, 2011 & Feb 2012	120 Hours	9.00 AM-5.00PM Sunday only	15	Rs.10, 000/-	Fundamentals, Sketcher, Modeling, Pro-surface, Assembly, Machining, Exercised based practice	Degree, Diploma, ITI, Mech.Trades
4.	Integrated CAD/CAM Pro-E (Regular Session)	Every Month	120 Hours	9.00 AM-5.00PM	15	Rs.10, 000/-	Same as above	- do -
5.	Integrated CAD/CAM Solid works (Regular Session)	Every Month	80 Hours	9.00 AM-5.00PM	15	Rs.7, 000/-	Sketcher, Part Modeling, Advance Part Modeling, Surfacing, Assembly, Exercised based practice	- do -
6.	Integrated CAD/CAM Master CAM (Regular Session)	Every Month	60 Hours	9.00 AM-5.00PM	15	Rs.6, 000/-	Sketcher, Part Modeling, Modeling Surfacing, Manufacturing, Exercised based practice	- do -
7.	Integrated CAD/CAM NX/Unigraphics	Every Month	120 Hours	9.00 AM-5.00PM	15	Rs.12, 000/-	Sketcher, Part Modeling, Advance Part Modeling Surfacing, Assembly, Drafting, Manufacturing and Simulation, Exercised based practice	- do -
8.	Integrated CAD/CAM Catia	Every Month	120 Hours	9.00 AM-5.00PM	15	Rs.10, 000/-	Sketcher, Modeling, Surfacing, Assembly, Machining, Exercised based practice	- do -
CNC MACHINING COURSES								
9.	CNC Turning	Every Month	03 Months*	11.00AM-5.00PM	06	Rs.30, 000/-	Fundamentals and basics of CNC Turning using machine controls e.g. Haidenhein, Sinumeric and Fanuc, Practical on machines	- do -
			02 Months	11.00AM-5.00PM 5.00 PM-9.00 PM	06	Rs.25, 000/-		
10.	CNC Milling	Every Month	03 Months*	11.00AM-5.00PM	06	Rs.30, 000/-	Fundamentals and basics of CNC Milling using machine controls e.g. Haidenhein, Sinumeric and Fanuc, Practical on machines	- do -
			02 Months	11.00AM-5.00PM 5.00 PM-9.00 PM	06	Rs.25, 000/-		
11.	CNC Wire Cut & EDM	Every Month	One Month	11.00AM-5.00PM 5.00 PM-9.00 PM	06	Rs.10, 000/-	Fundamentals and basics of CNC Wire Cut using Elapt machine control, Practical on machine.	- do -
12.	Certificate Course in Advance CAD/CAM & CNC Machines	April, June, August, October, Dec 2011 & Feb 2012	17 weeks	9.00AM-5.00PM	10	Rs.35, 000/-	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 -
13.	Post Diploma in CAD/CAM	2 nd May 2011	One Year	7. 00AM-1.00PM	20	Rs.60, 000/-	Manufacturing Processes, Computer Aided Drafting, Pro-E, Solid works, Master CAM, Catia, Programming of CNC Turning, CNC Milling, CNC Wire Cut and practical on these machines	Degree/Diploma Mech. Trades
		25 th September 2011	One Year	2.00PM-8.00PM				
14.	CNC Programming & Machining	May 2011 December 2011	03 weeks	2.00PM-6.00PM	10	Rs.10, 000/-	Programming and working operations of CNC Turning, CNC Milling, CNC Wire Cut and practical exposure on these machines	Degree, Diploma, ITI, Mech.Trades or experienced persons working in line
15.	Manufacturing Automation	April, July, Oct 2011 & Feb 2012	02 Months	2.00 PM-6.00 PM	10	Rs 10, 000/-	Basics of Hydraulics, Pneumatics, Selection of Hydraulics & Pneumatics for Automation, Robotics, F M S & its applications	- do -
* One month training on conventional machines								

TOOL & DIE TECHNOLOGY COURSES

S.NO	Name of the course	Starting dates	Duration	Timings	Intake	Fee	Brief Contents	Eligibility
16	Condensed Course in Tool & Die Making	May 2011 December 2011	One year	Full Time	20	Rs.1, 10,000/-	Prospectus available	10 th Pass
17	Post Diploma in Computer Aided Tool Engineering	April 2011	One year	6.00 PM - 8.00PM	10	Rs.30, 000/-	Computer Aided Drafting, Press Tools Design, Plastic Mould Design, Jigs & Fixture Design and Advance CAD Modelling.	Degree/Diploma Mech.Trades
18	Certificate Course In Computer Aided Tool Design	April 2011	One year	6.00 PM -8.00PM	10	Rs.25, 000/-	Computer Aided Drafting, Press Tools Design, Plastic Mould Design, Jigs & Fixture Design and Basic CAD Modelling	ITI/10 th with 5 years industrial experience
19	Heat Treatment of Plain Carbon Steels	April 25 to April 29	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Fundamentals of Heat Treatment of Plain Carbon steels, Practical Demonstration	Persons working in relevant industries with some experience
20	Press Tool Design –I	May 09 to May 13	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Press tool operations, pitch controlling methods, Designing of progressive tools.	- do -
21	Case Hardening of Low carbon, Plain and Alloy steels	June 13 to June17	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Fundamentals of Heat Treatment of Case Hardening steels, Practical Demonstration	- do -
22	Plastic Injection Moulding Theory & Practice	July 18 to July 22	30 hours	10.00AM-4.00 PM	12-15	Rs.3, 000/-	Fundamentals of Injection Molding, and Practical Demonstration on machine	- do -
23	Press Tool Design-II	August 08 to August 12	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Fundamentals of compound and Bending tools, Designing of compound tools.	- do -
24	Grinding & Re-sharpening of Cutting Tools	Sept 12 to Sept 16	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Tool Geometry, Resharpener of single multi point cutting tools, Practical Demo.	- do -
25	Preventive Maintenance	Oct 17 to Oct 21	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Purpose of Preventive Maintenance, selection of lubricants, check lists	- do -
26	Basic and Advance Engg. Measurement	Nov 14 to Nov 18	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Basic hole & basic shaft systems, Important measuring rules, Types of errors etc.	- do -
27	Inspection Gauge Design and Making	Dec 26 to Dec 30	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Engineering limits and fits, Plain limit gauges and other types. Gauge materials etc.	- do -
28	Jigs & Fixtures Design and Making	Jan 16 to Jan 20 (2012)	20 hours	9.30AM-1.30 PM	12-15	Rs.1, 500/-	Jigs and fixtures. Locating systems and clamping devices etc., Practical Demo.	- do -
29.	Basics of Pneumatics and Hydraulic	May 2011 & Dec 2011	30 Hours	5.30PM-8.30 PM	12-15	Rs 3, 000/-	Basics of Pneumatic and Hydraulic, Practical Demonstration	- do -
30.	Rapid Prototyping	Every Month	One week	9.30AM-12.30PM	20	Rs.3, 000/-	Introduction, Types of RP Technologies, Rapid Tooling, Vacuum Casting, Applications.	Degree/Diploma, ITI, Mech.Trades

SKILL DEVELOPMENT COURSES

S.NO	Name of the course	Starting dates	Duration	Timing	Intake	Fee	Brief Contents	Eligibility
31.	Machinist	25.07.11 23.01.12	Six Months	4.00PM-10.00PM	20	Rs.30, 000/-	Engg Drg. Measurement, Workshop Technology. Workshop Practice, Practical on Lathe Machine, Milling Machine & Grinding Machine.	10 th Pass
32.	Turner	April, July, Oct 2011 & Jan.2012	Three Months	4.00PM-10.00PM	20	Rs.15, 000/-	Engg Drg. Measurement, Workshop Technology, Workshop Practice, Practical on Lathe Machine.	10 th Pass
33.	Fitter	April, July, Oct 2011 & Jan.2012	Three Months	4.00PM-10.00PM	20	Rs.15, 000/-	Engg Drg, Measurement, Workshop Technology, Fitting Shop Practice.	10 th Pass

34.	Computer Hardware & Net Working	23.05.11, 01.08.11, 03.10.11, 05.12.11, 05.03.12	Two Months	2.00PM-6.00PM	10-12	Rs.5, 000/-	Computer Hardware, Assembly of Computer, Installation of Operating Software & Application Software, LAN & its components.	10 th Pass
35.	Press Machine Operator	Every Month	2 weeks	9.30AM-1.30PM	20	Rs.2, 000/-	Introduction to Machine & its parts. Press Operations, Types of Presses. Practical on Press Machine,	8 th Pass
36.	Injection Moulding Machine Operator	Every Month	2 weeks	9.30AM-1.30PM	20	Rs.2, 000/-	Introduction to Machine & its parts, Different types of Moulds, Moulding Material. Practical on Injection Moulding Machine.	8 th Pass
37.	Electrician (Basic)	Every Month	2 weeks	8.00AM-12.00PM	20	Rs.2, 000/-	Electric Wiring, Electrical Testing Equipment A.C-D.C Voltage, Types of Electrical Motors, Distribution System & Safety Rules. On the job Training.	8 th Pass
38.	Welder (Basic)	Every Month	2 weeks	2.00PM-6.00PM	20	Rs.2, 000/-	Types of Welding e.g. Arc Welding & Gas Welding, Selection of Electrodes, Gas Cutting, Safety Precautions & Welding Practice.	8 th Pass
39.	Grinding Machine Operator	Every Month	2 weeks	9.30AM-1.30PM	20	Rs.2, 000/-	Introduction to Machine & its parts. Grinding Wheel shapes, types & Specifications. Practical on Grinding Machine.	8 th Pass
40.	Certificate Course in Motorcycle Service & Repair (Sundays Only)	Feb, May, August & Nov. 2011	Two Months	9.00AM-5.00PM	20	Rs. 1,000/-	Introduction to two wheelers, service and repair of engine electrical, brake, system service procedure, use of tools and equipment one week on the job training at Hero Honda Service centre	10 th Pass

PERSONAL MANAGEMENT COURSES

S.NO	Name of the course	Starting dates	Duration	Timing	Intake	Fee	Brief Contents	Eligibility
41.	Small Business Management	June, Dec 2011	06 Months	5.00PM-7.00PM	20	Rs.30, 000/-	Management for MSME, Accounting and Taxation, Marketing Management, Governmental Regulations, Entrepreneurship Development, Operation Management.	Condensed Course pass Trainees/Business Families
42.	Workshop Management	April, July, Oct, 2011 & Jan, 2012	Two Months	6.00 PM-8.00 PM	20	Rs 11,500/-	Personnel Management, Role of Supervisor, Labour laws, Leadership, Taxes, Role of Manger, Time Management Skills etc.	10 th Pass
43.	Soft Skill Development	Every Month	One Month	4.00 PM-7.00PM	15	Rs. 4,000/-	Personality & its types, Conversation, Behaviour, Attitude & Ethics, MS Office	10 th Pass
44.	Development of Supervisory Skills	Every Month	One Month	4.00PM-6.00 PM	10	Rs. 3,000/-	Office Procedure, Letter Writing, House Keeping, Labour laws, pollution Control Board.	10 th Pass
45.	Accounting Skills for MSMEs	Every Month	One Month	3.00 PM-6.00 PM	20	Rs. 5,500/-	Trading Account, Balance Sheet, Loss & Profit Account, Audit, VAT, Income Tax.	10 th Pass
46.	Office Automation	Every Month	One Month	3.00PM –6.00 PM	15	Rs.4, 000/-	MS Word, Excel, Power Point, Reception Office.	10 th Pass
47.	English Speaking Course	Every Month	One Month	8.00AM-10.00AM 5.00PM- 7.00PM	15	Rs. 3,000/-	Group Discussion, Attitude, Ethics, Interview Techniques, General Etiquettes, Grammar & Translation, Letters & Resume Writing.	10 th Pass

Extension Centre -I MSME DI Partap Chowk Ludhiana

1.	Certificate Course in Advance CAD/CAM & CNC Machines	April, June, August, October, Dec, 2011 & Feb 2012	17 weeks	9.00AM-5.00PM	10	Rs.35 000/-	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.	Degree, Diploma, ITI, Mech.Trades
2.	Master Certificate Course in CAD/CAM	April 2011 October 2011	One Year	10.00AM-4.00PM	20	Rs.80, 000/-	Press Tool Design, Plastic Mold Design, Rapid Prototyping, Management & Entrepreneurship, Auto CAD, Solid Works, Pro-Engineers, Unigraphics, CATIA, Femap & NX Nastran. CNC Lathe, CNC Milling	Degree in Mech.Trades

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

