

TRAINING PROGRAMMES OFFERED BY EC FARIDABAD

Sr. No.	Code	Name of the course	Starting dates	Duration	Timings	Tuition Fee	Brief Contents	Eligibility
CAD/CAM COURSES								
1	ST 01	AutoCAD Mechanical (Regular Session)	Every Month	96 Hours	9.00 AM -5.00PM	Rs. 5,900/-	Create 2D sketch, Edit of models, Understand the layer management & block, Create solid model for mechanical components, Apply mechanical rendering , Observe & follow	10 th Pass
2	ST 02	Electrical CAD	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 5,900/-	Broad knowledge of E-CAD, Design different types of electrical circuits, Use software for generating solutions in E-CAD, Communicate effectively, Observe & follow safety	10 th Pass
3	ST 03	CREO Parametric	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 9,440/-	Create 2D sketch, Design Solid Model, Develop surface Model, Build Assembly Design, Generate drafting , Observe & follow safety, Communicate effectively	10 th Pass
4	ST 04	Solidworks	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 6,254/-	Create 2D sketch, Design Solid Model, Develop surface Model, Build Assembly Design, Generate drafting , Observe & follow safety, Communicate effectively	10 th Pass
5	ST 05	MasterCAM	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 6,254/-	Create 2D sketch, Design Solid Model, Develop Wire frame & Surface Model, Generate 2D tool path, Generate 3D tool path, Observe & follow safety, Communicate effectively	10 th Pass
6	ST 07	Unigraphics	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 11,800/-	Create 2D sketch, Design Solid Model, Develop surface Model, Build Assembly Design, Generate drafting , Observe & follow safety, Communicate effectively	10 th Pass
CNC MACHINING COURSES								
7	ST 11	CNC Programming - Lathe	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 11,800/-	List different Cutting tooling standards , Develop mathematical / Analytical skills , Execute CNC Machining Programme , CNC Lathe Programming - On job training, Communicate effectively, Observe & follow safety	10 th Pass
8	ST 12	CNC Machining - Lathe	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 11,800/-	List different Cutting tooling standards , Develop mathematical / Analytical skills , Execute CNC Machining Programme , CNC Lathe MACHINING - On job training, Communicate effectively, Observe & follow safety	10 th Pass
9	ST 13	CNC Programming - Milling	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 11,800/-	List different Cutting tooling standards , Develop mathematical / Analytical skills , Execute CNC Machining Programme , CNC Milling Programming - On job training, Communicate effectively, Observe & follow safety	10 th Pass
10	ST 14	CNC Machining - Milling	Every Month	96 Hours	9.00 AM-5.00PM	Rs. 11,800/-	List different Cutting tooling standards , Develop mathematical / Analytical skills , Execute CNC Machining Programme , CNC Milling Machining - On job training, To communicate effectively, Observe & follow safety	10 th Pass
11	OT-142	CNC Programming & Machining	Every Month	02 Months	9.00 AM-5.00PM	Rs. 31,270/-	Understand & explain the concept and importance of CNC programming, Prepare & understand line program for various profiles, Identify & set parameters for various simulators, Prepare & simulate various operation cycles for lathe and milling, Use and simulate cycles using various Controls.	Pursuing Degree, Diploma, ITI in Mech. Trades
12	OT-072	CNC Machining (WIRE-CUT)	Every Month	One Month	4 hrs/day	Rs. 11,800/-	Selection of a cutting tool based on the coated fabric & its importance, Setting the parameters of cutting machine, Basic principles of operation & typical operations that they can perform, Cutting operation using cutting tools, Machining operations that they can perform, the methods, equipment used with how to start and stop the machine in normal & emergency situations.	Pursuing Degree, Diploma, ITI in Mech. Trades
ELECTRICAL/ ELECTRONICS/ MECHATRONICS SKILL DEVELOPMENT COURSES								

13	ST 19	PLC Programming	Every Month	96 Hours	4hrs/day	Rs. 9,440/-	Broad knowledge of PLC programming., Apply ladder logic principles for solutions to the specific problems., Use software for generating solutions in PLC., Communicate effectively., Observe & follow safety	10 th Pass
14	OT-148	Automation with Pneumatics using PLC	Every Month	96 Hours	4hrs/day	Rs. 9,440/-	Introduction to Automation, Introduction to PLC, Introduction to PLC Software (S7 Simatic Manager, Various exercises on Bit logic, Counter, Timer and Comparator in Ladder programming, Introduction to Pneumatic & Electro-Pneumatic system, Working and identification of various Pneumatic & Electro-Pneumatic components, Hands on Practices using various Pneumatic & Electro-Pneumatic components and PLC.	10 th Pass

NSQF Approved Courses

Sr. No.	NQR Code	Name of the course	NSQF Level	Starting dates	Duration (Hours)	Timing	Tuition Fee	Brief Contents	Eligibility
15	QG-4.5-CG-02403-2024-V1-MSME	CNC Programmer-Tool Room	Level 4.5	Jan, 2024 July, 2024	600 Hrs.	6 hr/day	Rs. 60,000/-	Understand the Concept of Production Process, Read, Interpret and Create Part Drawing using Auto-CAD, Create, Generate and Execute CNC Program for Manufacturing Process, Check and Inspect dimensions of machined Part using various Measuring instrument, Employability skills	Preferably Diploma in Mech./ Prod. / Tool Design/ Mould Making/ Automobile/ 2 Year ITI
16	QG-4.5-CG-02409-2024-V1-MSME	Sr. Technician -Machine Maintenance And Automation	Level 4.5	Jan, 2024 July, 2024	600 Hrs.	6 hr/day	Rs. 40,000/-	Demonstrate the Basic Machine Operation, Maintenance of Hydraulics & Pneumatics Components, Create & Modify the Electrical circuit diagram using CAD software, Basics of Industrial Automation, Employability skills	Preferably Pursuing Degree/ Diploma or 2 ITI Passout with 1 year experience
17	QG-4.5-CG-02404-2024-V1-MSME	Junior Designer CAD/CAM	Level 4.5	Jan, 2024 July, 2024	600 Hrs.	6 hr/day	Rs. 40,000/-	Create & Modify Part Model using CAD Software, Generate Part Program Using CAM Software (CAM), Analyze Part Model, Design Surfaces using Higher end CAD Software, Generate CNC Program, Employability Skills, OJT	Preferably Pursuing Degree / Passout Diploma
18	QG-4.5-CG-02406-2024-V1-MSME	Jr. Designer - Tool	Level 4.5	Jan, 2024 July, 2024	600 Hrs.	6 hr/day	Rs. 45,000/-	Create & Modify Part Model using CAD Software, Create & Modify Part Model and Generate Part Program Using CAD/ CAM Software, Design of Jigs & Fixtures, Design of Press Tools, Design of Moulds, Employability skills	Preferably Pursuing Degree / Passout Diploma
19	QG-04-CG-02411-2024-V1-MSME	Technician - CNC Machining	Level 4	Jan, 2024 July, 2024	600 Hrs.	6 hr/day	Rs. 45,000/-	Fundamentals of CNC Technology, Create CNC Programms and carry out CNC Machining operations, Create Part drwaing using CAD Software, Generate part Programms using CAM Tools, Employability Skills	10th grade pass with two years of any combination of NTC/NAC/CITS /ITI in relevant trades or equivalent.
20	QG-3.5-CG-02402-2024-V1-MSME	Jr. Technician -Tool & Die Maker	Level 3.5	Jan, 2024 July, 2024	1200 Hrs.	6 hr/day	Rs. 1,00,000/-	Create Part Drawing using CAD, Checking dimensions of machined Part, Manufacturing of Tool & Die Parts, Use and Application of Engineering Materials, Design of Press Tool, Assist in Operation of CNC Machine, Design of Mould, Create & Modify part using higher End software, Generate Part Program for CNC Machine using CAM, Employability Skills	Preferably 10th pass
21	QG-03-CG-02408-2024-V1-MSME	Assistant Operator- CNC Turning -Tool Room	Level 3	Jan, 2024 July, 2024	600 Hrs.	6 hr/day	Rs. 40,000/-	Assist in Operation of CNC Lathe Machine, Demonstrate the working Principle of Machine Tools, Checking dimensions of CNC machined Part, Create Part Drawing using Auto-CAD, Employability skills	Preferably 10th pass
22	QG-03-CG-02398-2024-V1-MSME	ASST. Operator - CNC Milling (Tool Room)	Level 3	Jan, 2024 July, 2024	600 Hrs.	6 hr/day	Rs. 40,000/-	Assist in Operation of CNC Milling Machine, Demonstrate the working Principle of Machine Tools, Checking dimensions of CNC machined Part, Create Part Drawing using Auto-CAD, Employability skills, OJT	Preferably 10th pass

23	MEP/Q7301	Fire – fighter	Level 5	Jan, 2024 July, 2024	620 Hrs.	6 hr/day	Rs. 15,000/-	Identify type of fire and response required, Carry out firstaid fire fighting using portable extinguishers, Respond to the fire incidents using firefighting systems, Carry out rescue operation and administer medical first-aid, Inspect installed fire safety equipment and systems for operational readiness, Maintain health and safety of self and others, Work effectively as a Fire-fighter	10 th passed or its equivalent. Minimum age 18 years
24	2015/MIN/SCMS/0408	Fireman	Level 4	Every Month	120 Hrs.	6 hr/day	Rs. 5,000/-	Undertake actions to prevent the fire situation in a mine, Conduct fire rescue operations, Health and Safety	Class 12th

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

Address: CTR Extension Centre, Govt. Quality Marking Centre, Govt. ITI Complex, NH-4, Faridabad, Haryana-121003

Contact nos. : 87001-40059

Email id: faridabad@ctrludhiana.com; **Website:** www.ctrludhiana.org

Admission Procedure

Following documents required for admission

1. Attested Copy of 10th certificate.
2. Attested Copy of Aadhar Card (Compulsory for admission).
3. One passport size photograph.
4. Attested Copy of Caste Certificate, if applicable.
5. Attested Copy of 12th certificate, if applicable.
6. Attested Copy of pursuing Degree/Diploma/ ITI in Mechanical/Electronic/Electrical Engg. (if applicable)

Only For NSQF Compliant Course.

Attested Copy of Passed Degree/Diploma/ ITI in Mechanical/Electronic/Electrical Engg. (if applicable)

Note:-

1. Tuition fee shall be exempted for SC/ST category for NSQF compliant courses and courses from Sr No. 01 to Sr No. 10, Sr No. 13, Sr No. 15 to ST No. 24
2. Check the particulars like Name, Father's Name, Date of Birth, Address etc. carefully in application form before submitting.
3. If the particulars of a candidate not matching on the enclosed documents such as Matric Certificate, Aadhar Card, SC certificate or any other certificates, then an affidavit to be enclosed for this mismatch.