**Course Name:** ADVANCE CERTIFICATE COURSE IN CNC MACHINING

**Duration:** 1560 Hrs. /1 year  
**NSQF Level:** 5

**Course content:**
- CNC Programming & CNC Machining
- Engineering Metrology And Quality Assurance (Theory & Practical’s)
- Production Planning & Controls
- Master cam: Design, Milling & Turning
- DelCAM: Design, Milling & Turning
- Total Quality Management
- Fundamentals Of Metal Cutting Tool
- Entrepreneurship
- Project Work

**Course Fees:** Rs. 35,000/- + Registration fee of Rs.1,000/- for General categories  
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms,  
Registration Fee of Rs.1000/- to be paid.

**Eligibility:** I.T.I (Machinist/ Turner/ Bench Fitter/ Tool & Die Maker or equivalent)

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**Course Name:** MASTER CERTIFICATE COURSE IN COMPUTER AIDED TOOL ENGINEERING

**Duration:** 780 Hrs. /6 Months  
**NSQF Level:** 6

**Course Content:**
- AutoCAD: 2d & 3d
- CREO: Modelling, Surfacing, Assembly & Drafting.
- NX Unigraphics: Modelling, Surfacing, Assembly, Drafting & Manufacturing.
- Ansys: structural, Thermal
- Hypermesh: Shell mesh, Solid Mesh
- SolidWorks: Modelling, Surfacing, Assembly & Drafting.
- Design of press tools
- Design of Moulds
- Entrepreneurship
- Project Work

**Course fees:** Rs. 60,000/- + Registration fee of Rs.1,000/- for General categories  
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms,  
Registration Fee of Rs.1000/- to be paid.

**Eligibility:** Diploma/ Degree (Mech. Engineering or equivalent)
Course Name: MASTER CERTIFICATE COURSE IN CAD CAM

Duration: 780 Hrs./6 Months  NSQF Level: 6

Course Content:

- AutoCAD: 2d & 3d
- CREO: modelling, Surfacing, Assembly & Drafting.
- CATIA: Modelling, Surfacing, Assembly & Drafting.
- NX Unigraphics: Sketcher, Part, Surfacing, Assembly, Drafting & Manufacturing.
- Ansys: structural, Thermal
- SolidWorks: Modelling, Surfacing, Assembly & Drafting.
- CNC Programming & CNC Machining
- Entrepreneurship
- Project Work.

Course fees: Rs. 50,000/- + Registration fee of Rs.1,000/- for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms,
Registration Fee of Rs.1000/- to be paid.

Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: CERTIFICATE COURSE IN CNC MILLING

Duration: 780 Hrs./6 Months  NSQF Level: 4

Course Content:

- Engineering Drawing
- Engineering Metrology
- Workshop Technology
- Workshop Calculations
- Quality Management System
- Group Discussion and personality improvement
- CNC Milling programming & CNC Machining
- Employability Skill
- CNC Milling Programming - on job training

Course fees: Rs. 30,000/- + Registration fee of Rs.1,000/- for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms,
Registration Fee of Rs.1000/- to be paid.

Eligibility: SSC passed or its equivalent. Minimum age 15 years
Course Name: CERTIFICATE COURSE IN CNC TURNING

Duration: 780 Hrs.\6 Months NSQF Level: 4

Course Content:

- Engineering Drawing
- Engineering Metrology
- Workshop Technology
- Workshop Calculations
- Quality Management System
- Group Discussion and personality improvement
- CNC Turning programming & CNC Machining
- Employability Skill
- CNC Turning Programming - on job training

Course fees: Rs. 30,000/- + Registration fee of Rs.1,000/- for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms,
Registration Fee of Rs.1000/- to be paid.
Eligibility: SSC passed or its equivalent. Minimum age 15 years
Course Name: MECHANICAL CAD/CAM

Duration: 4 Months

Course Content:

- AutoCAD: 2D & 3D
- CREO: Modelling, Surfacing, Assembly & Drafting.
- CNC Programming & CNC Machining
- MASTERCAM: Design, Milling & Turning

Course fees: Rs. 30,000 /- (Including of GST and Registration fee of Rs.500/-) for All categories

Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: ADVANCED MECHANICAL CAD/CAM

Duration: 4 Months

Course Content:

- CREO: Modelling, Surfacing, Assembly & Drafting.
- CATIA: Modelling, Surfacing, Assembly & Drafting.
- CNC Programming & CNC Machining
- NX Manufacturing: Milling & Turning

Course fees: Rs. 30,000 /- (Including of GST and Registration fee of Rs.500/-) for All categories

Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)
3 MONTHS PROGRAMMES

Course Name: INTEGRATED CREO PARAMETRIC

Duration: 3 Months
Course Content:
- CREO: Modelling, Surfacing, Assembly, Drafting, Mould cavity, Sheet Metal, Manufacturing & Mechanism

Course fees: Rs. 24,100/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: INTEGRATED CATIA

Duration: 3 Months
Course Content:
- CATIA: Modelling, Surfacing, Assembly, Drafting, Generative shape design, Functional shape design, Sheet Metal & kinematics

Course fees: Rs. 24,100/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: INTEGRATED ANSYS

Duration: 3 Months
Course Content:
- ANSYS: Structural Analysis (static & dynamic), Thermal Analysis (Steady state and Transient), Harmonic Analysis, Contact Analysis, Buckling Analysis, Explicit Dynamics, CFX & Couple Field Analysis.

Course fees: Rs. 24,100/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: INTEGRATED HYPERMESH

Duration: 3 Months
Course Content:
- HYPERMESH: Shell mesh, Solid mesh, Optistruct (FEA, Optimization), Hyper View, Hyper Graph, Motion View, Motion Solve & Hyper Study.

Course fees: Rs. 24,100/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)
Course Name: MECHANICAL CADD
Duration: 3 Months
Course Content:
- AutoCAD: 2D & 3D
- CREO: Modelling, Surfacing, Assembly, Drafting & Sheet Metal
- CATIA: Modelling, Surfacing, Assembly, Drafting & Sheet Metal
- SOLIDWORKS: Modelling, Surfacing, Assembly, Drafting & Sheet Metal

Course fees: Rs. 24,100 /- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: COMPUTER AIDED ENGINEERING (CAE)
Duration: 3 Months
Course Content:
- AutoCAD: 2D & 3D
- CREO/ CATIA: Modelling, Surfacing, Assembly, Drafting & Sheet Metal
- Ansys: structural, Thermal, CFX
- Hypermesh: Shell mesh, Solid Mesh, Optistruct.

Course fees: Rs. 24,100 /- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: ADVANCED CAE
Duration: 3 Months
Course Content:
- Ansys: structural, Thermal, CFX & Explicit Dynamics.
- Hypermesh: Shell mesh, Solid Mesh, Optistruct.
- MSC NASTRAN & PATRAN: Structural, Thermal

Course fees: Rs. 24,100 /- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: ADVANCED CAD/CAM
Duration: 3 Months
Course Content:
- AutoCAD: 2D & 3D
- CREO/ CATIA: Modelling, Surfacing, Assembly, Drafting & Sheet Metal
- CNC Programming: 2D Milling & Turning.
- NX Unigraphics: Modelling, Surfacing, Assembly, Drafting & Manufacturing

Course fees: Rs. 24,100 /- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)
Course Name: ADVANCED CAM

Duration: 3 Months
Course Content:
- CNC Programming: 2D Milling & Turning.
- NX Unigraphics: Modelling, Surfacing, Assembly, Drafting & Manufacturing
- MASTERCAM: Design, Milling & Turning
- DelCAM: Design, Milling & Turning

Course fees: Rs. 24,100/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma/ Degree (Mech. Engineering or equivalent)

Course Name: ADVANCED CNC PROGRAMMING WITH MASTERCAM SOFTWARE

Duration: 3 Months
Course Content:
- CNC Programming: 2D Milling & Turning.
- MASTERCAM: Design, Milling & Turning

Course fees: Rs. 18,790/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: ITI with relevant experience / Diploma / Degree (Mech. Engineering or equivalent)
2 MONTHS PROGRAMMES

Course Name: NX/UNIGRAPHICS SOFTWARE

Duration: 2 Months
Course Content:

- NX Unigraphics: Modeling, Surfacing, Assembly, Drafting & Manufacturing

Course fees: Rs. 12,890 /- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: PIPE DESIGNING IN NX/UNIGRAPHICS SOFTWARE

Duration: 2 Months
Course Content:

- NX Unigraphics: Modeling, Surfacing, Assembly, Drafting & Piping.

Course fees: Rs. 18,790 /- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Diploma / Degree (Mech. Engineering or equivalent)
ONE MONTH PROGRAMMES

Course Name: AUTOCAD

Duration: 96 Hrs

Course Content:
  • AutoCAD: 2D & 3D

Course fees: Rs. 6,400/- (Including of GST and Registration fee of Rs.500/-) for General categories. For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: ITI with relevant experience / Diploma / Degree (Mech. Engineering or equivalent)

Course Name: CNC Programming - Milling

Duration: 96 Hrs

Course Content:
  • CNC Programming: Milling

Course fees: Rs. 6,400/- (Including of GST and Registration fee of Rs.500/-) for General categories. For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: ITI with relevant experience / Diploma / Degree (Mech. Engineering or equivalent)

Course Name: CNC Programming - Lathe

Duration: 96 Hrs

Course Content:
  • CNC Programming: Turning

Course fees: Rs. 6,400/- (Including of GST and Registration fee of Rs.500/-) for General categories. For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: ITI with relevant experience / Diploma / Degree (Mech. Engineering or equivalent)

Course Name: CREO PARAMETRIC

Duration: 96 Hrs

Course Content:
  • CREO: Modeling, Surfacing, Assembly, Drafting & Sheet Metal

Course fees: Rs. 9,350/- (Including of GST and Registration fee of Rs.500/-) for General categories. For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: Diploma / Degree (Mech. Engineering or equivalent)
Course Name: CATIA

Duration: 96 Hrs

Course Content:
- CATIA: Modeling, Surfacing, Assembly, Drafting & Sheet Metal

Course fees: Rs. 9,350 /- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: SOLIDWORKS

Duration: 96 Hrs

Course Content:
- SOLIDWORKS: Modeling, Surfacing, Assembly, Drafting & Sheet Metal

Course fees: Rs. 9,350 /- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: NX/UNIGRAPhICS

Duration: 96 Hrs

Course Content:
- UNIGRAphICS: Modeling, Surfacing, Assembly & Drafting

Course fees: Rs. 9,350 /- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: ANSYS

Duration: 96 Hrs

Course Content:
- ANSYS: Structural, Thermal

Course fees: Rs. 9,350 /- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.
Eligibility: Diploma / Degree (Mech. Engineering or equivalent)
Course Name: MASTERCAM

Duration: 96 Hrs

Course Content:
- MasterCAM: Design, Milling & Turning

Course fees: Rs. 9,350/- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.

Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: DELCAM

Duration: 96 Hrs.

Course Content:
- DelCAM: Design, Milling & Turning

Course fees: Rs. 9,350/- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.

Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: MSC NASTRAN & PATRAN

Duration: 1 Month

Course Content:
- MSC Nastran & Patran: Structural, Thermal

Course fees: Rs. 9,350/- (Including of GST and Registration fee of Rs.500/-) for All categories

Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: HYPERMESH

Duration: 96 Hrs

Course Content:
- Hypermesh: Shell Mesh & Solid Mesh

Course fees: Rs. 9,350/- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.

Eligibility: Diploma / Degree (Mech. Engineering or equivalent)
Course Name: ABAQUS

Duration: 96 Hrs

Course Content:
- Abaqus: Structural, Thermal, Non Linear Implicit & Explicit Analysis.

Course fees: Rs. 10,530 /- (Including of GST and Registration fee of Rs.500/-) for All categories

Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: WELDING SIMULATION FOR ARC, TIG & MIG WELDING

Duration: 96 Hrs

Course content: Welding simulation on ARC, TIG and MIG

Course fees: Rs. 7,580 /- (Including of GST and Registration fee of Rs.500/-) for All categories

Eligibility: Diploma / Degree (Mech. Engineering or equivalent)

Course Name: AUTOCAD CIVIL SOFTWARE

Duration: 96 Hrs

Course content: AutoCAD Civil: 2D & 3D

Course fees: Rs. 6,400 /- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.

Eligibility: Diploma / Degree (Civil Engineering or equivalent)

Course Name: COMPUTER HARDWARE & NETWORKING

Duration: 96 Hrs

Course content: PC, Work station assembly and Maintenance and Networking concepts

Course fees: Rs. 5,810 /- (Including of GST and Registration fee of Rs.500/-) for General categories
For SC/ST Candidates fee waiver will be provided as per Govt. of India norms, Registration Fee of Rs.500/- to be paid.

Eligibility: SSC with Knowledge in Electronics

Course Name: STAAD Pro

Duration: 96 Hrs

Course content: Introduction To Staad Pro, Analysis of RC Structure & Power Transmission Tower, Application of Loading Condition, Method for Designing Shear Wall, Design of Slab

Course fees: Rs. 9,440 /- (Including of GST and Registration fee of Rs.500/-) for All categories

Eligibility: Diploma / Degree (Civil Engineering or equivalent)
INDUSTRIAL TRAINING

Duration: 6 Months

Course fees: Rs. 16,520/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Pursuing Diploma in Mechanical Engineering or its Equivalent

B.E/B.TECH PROJECTS/INTERNSHIP

Duration: 4 Months

Any one CAD software with Ansys software

Course fees: Rs. 14,750/- (Including of GST and Registration fee of Rs.500/-) for All categories
Eligibility: Pursuing B.E/B.Tech in Mechanical Engineering or its Equivalent

Note:

- All the above courses will commence on 1st and 3rd Wednesday of every month.
- Minimum 90% of attendance is mandatory to receive course certificate from the Institute.
- For admission process trainees should carry qualification certificates and Id proof (Aadhar card) at the time of admission