

# MSME-Technology Development Centre (PPDC), Meerut

## SCHEDULE OF COURSES FROM APRIL 2019 TO MARCH 2020

Sr. No.	Name of the Course	Eligibility	Duration	In Take	Hrs./ Day	Fee (Rs.)	Tentative Schedule	Brief Contents
<b>Regular Courses:</b>								
1.	Cricket Leg-Guards Manufacturing	8 <sup>th</sup>	200 hrs.	25	5	8,500/-	Sept	Raw Materials, Manufacturing Process, Strap Joining Operation, Quality Control, Testing.
2.	Batting Gloves Manufacturing	8 <sup>th</sup>	200 hrs.	25	5	8,500/-	August	Raw Materials, Marking and Cutting of Axle Sheets, Indian & International Specifications, Manufacturing Process, Marketing Process, Quality Control.
3.	Garment Stitching	8 <sup>th</sup>	200 hrs.	25	5	8,500/-	July	Introduction to Sewing Machine, Tools and Equipment used in Tailoring, Trade Terminology, Measurement Taking, Drafting/ Pattern Making (Simple Drafting, Paper Pattern Cutting)/Stitching, Ladies, Gents Garments.
4.	CAD-CAM & CNC Programming	Degree or Diploma in Engg., ITI holder/pursuing/ Working professionals in field.	8 Weeks	05	4	7,000/-	June/August/ Oct/Dec/Feb	Auto CAD, Programming and Operation on CNC Turning and CNC Milling Machine. Knowledge for measuring of produce components.
5.	Certificate Course in CAD	-Do-	8 Weeks	05	4	8,000/-	July/Sep/Nov/ Jan/March	Auto CAD & Creo /CatiaV5 /Unigraphics NX/Solid Works
6.	Training in Computer Accounting System (Fundamental of Accounting, Tally, TDS, Payroll, GST)	10 <sup>th</sup>	240 hrs.	05	4	5,000/-	June/August/ Oct/Dec/Feb	Computer Fundamentals, Windows 10, MS-Office 2016, Internet. Fundamentals of Accounting, GST, TDS, Tally. ERP9
7.	Course on C/C++/Java/Oracle 9i/.Net (Intro)/ MS Office 2007	10 <sup>th</sup>	50 hrs. each	05	4	2,000/- @ each	August/Sept/ Nov/Feb	-
<b>NSQF Compliance Courses :</b>								
1.	Advance Certificate Course in Polymer Technology	Preferable 12 <sup>th</sup> class	1560 hrs.	25	4	25,000	May	Polymer Science, Raw Materials, Polymer Processing, Testing, Polymer Product Manufacturing, Polymer Engineering, Theory

		passed with science stream						<b>&amp; Practical.</b>
<b>2.</b>	Certificate Course in Cricket Ball Manufacturing	Preferable 8 <sup>th</sup> class passed	600 hrs.	25	4	20,000/-	Dec	<b>Maintain health, safety and security at workplace, Washing, coloring and drying of leather, Panel Clicking, Inner joint sewing, Pressing and half Cop Cutting, Outer joint sewing, Outer ward sewing, Rounding and stamping, Standard –BIS and International standards, Finishing, inspection/ testing, packaging, marketing, Work effectively with others ,Factory Coordination and managing, Admission and Examination</b>
<b>3.</b>	Certificate Course in Cricket Bat Manufacturing	Preferable 8 <sup>th</sup> class passed	300 hrs.	25	4	6,000/-	November	<b>Safety measures about cricket bat and its raw material, Selection of wood for cricket bat, Marking process for cricket bat, Cutting process for cricket bat, Buffing process for cricket bat, Joining handle process of cricket bat, Finishing operation</b>
<b>4.</b>	Advance Diploma in Computer Hardware and Network Management	Preferably B.Sc./Diploma/ Degree Engineering pass.	780 hrs.	25	4	30,000/-	August/Jan	<b>Power Supply, PC Architecture, Software Installation, Up gradation &amp; Maintenance, Network Essential, setup &amp; management, Network management &amp; server configuration, LINUX management &amp; network configuration, Basic Electronics, Office Package, Communication Skill</b>
<b>5.</b>	Master Certificate Course in CAD/CAM	Preferable Diploma/ Degree (Mechanical Engineering or Equivalent)	780 hrs.	25	4	30,000/-	July/Dec	<b>Computer Aided Design (CAD-Auto CAD and Solid works), Computer Aided Design &amp; Computer Aided manufacturing (Unigraphics CAD &amp; Unigraphics CAM), Computer Aided Engineering ( ANSYS), Advance Computer Aided Design (CREO Parametric and CATIA), CNC Programming And CNC Machining, Entrepreneurship, Course-work: Project</b>
<b>6.</b>	Certificate course in CNC Milling	Preferable SSC passed	780 hrs.	25	4	30,000/-	August/Jan	<b>Engineering Drawing, Engineering Metrology, Workshop Technology, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Milling Programming &amp; CNC Machining, Employability skill, CNC Milling PROGRAMMING - On job Training</b>
<b>7.</b>	Certificate course in CNC Turning	Preferable SSC passed	780 hrs.	25	4	30,000/-	July/Dec	<b>Engineering Drawing, Engineering Metrology, Workshop Technology, Workshop Calculation, Quality Management System, Group Discussion and Personality Improvement, CNC Turning Programming &amp; CNC Machining, Employability skill, CNC TURNING PROGRAMMING - On job Training</b>

<b>Exempted from NSQF alignment Short Term Courses :</b>								
<b>1.</b>	Auto CAD- Mechanical	10 <sup>th</sup>	96 hrs.	25	4	6,000/-	June/August/ Sept/Oct/Dec / Feb	<b>Introduction to Auto CAD, industrial application, interface, coordinate system, Introduction to drafting, curve creation, use functional Key, Utilization of Layer, block, W block attribute edit, text Creation methods, Use templates, solid creation commands, UCS movement, 3D visualization, photo, realistic rendering &amp; Customization.</b>
<b>2.</b>	Solidworks	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	July/Sep/Nov/ Jan/March	<b>Introduction to Solid Works, sketch. Solid Modelling, feature modification using feature manager tree and reference geometry. Introduction to bottom up &amp; top down assembly &amp; kinematics, drafting &amp; detailing , Sheet Metal Design.</b>
<b>3.</b>	Unigraphics	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	June/August/ Oct/Dec/Feb	<b>Introduction to Unigraphics, sketch constraint. Details of modeling, surfacing &amp; sheet metal design, assembly &amp; mechanism, drafting &amp; detailing.</b>
<b>4.</b>	CATIA	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Sept/ Nov/Feb	<b>Introduction to Catia, sketch &amp; constraints. Details of Solid modeling features &amp; rendering etc. Generative Surface Design, Sheet metal design, assembly , Kinematics &amp; Drafting.</b>
<b>5.</b>	CREO Parametric	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Oct/ Dec	<b>Introduction to Creo, Sketch &amp; constraints. Creating 3D parametric solid &amp; surface modelling. Sheet metal designing, creating photo render image of Creo/engineering parts , Assembly &amp; Kinematics, Drafting.</b>
<b>6.</b>	CNC Programming Lathe	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	June/August/ Oct/Dec/Feb	<b>Auto CAD, Programming and Operation on CNC Turning Machine. Knowledge for measuring of produce components.</b>
<b>7.</b>	CNC Programming Milling	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	July/Sept/Nov/ /Jan/March	<b>Auto CAD, Programming and Operation on CNC Milling Machine. Knowledge for measuring of produce components.</b>
<b>8.</b>	DelCAM	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Sept/ Nov/Feb	<b>Introduction of 2D Drawing &amp; 3D Wire Frame, Sketch Editing Surface, Creation of surface Method, Power Mill, Tool Path Generation, Profile Tool Path &amp; NC.</b>
<b>9.</b>	JAVA	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Oct/ Dec	<b>Intro to Core Java, Primitive data types, scope of variables, Array &amp; Strings in Java, Concepts of OOPs, Classes &amp; methods, Class using inheritance, Threading, Packages, Exception Handling, Applets, JDBC basic etc.</b>
<b>10.</b>	<b>Computer Hardware &amp; Networking</b>	<b>10<sup>th</sup></b>	<b>96 hrs.</b>	<b>25</b>	<b>4</b>	<b>6,500/-</b>	<b>July/Sept/N ov/Jan</b>	<b>Introduction of Computer, Operating System &amp; Computer Hardware, Installing &amp; Configuring Windows, Boot Process Understanding Registry, Overview of Computer Networking&amp; Network, Server</b>

2008/2012, Disk Management, User Disk Quota etc.

### Training Programmes Associated with UPSDM

Sr. No.	Name of the Course	Eligibility	Duration	In Take	Hrs./ Day	Fee (Rs.)	Tentative Schedule	Brief Contents
1.	Tailor (Basic Sewing Operator)	8 <sup>th</sup>	370 hrs.	27	4	As per UPSDM Norms	To be decided at the time of allotment	Understand the Basics of sewing machine, Should have the technical awareness of measurements and safety precautions, Have the practical knowledge of Health and safety, cutting garments
2.	Accounts Assistant Using Tally	12 <sup>th</sup>	600 hrs.	27	4	As per UPSDM Norms		Basic Fundamentals of Computer and Windows OS, Basic Structure of MS Office and able to use basic tools of MS-Word and MS- Excel, Acquire the Basic Concepts of Accounting methods and Tally fundamentals, Internet Basics and Internet Browsers and Cyber security, use of Internet for Marketing
3.	Operator CNC Milling	10 <sup>th</sup>	600 hrs.	27	4	As per UPSDM Norms		OSH & Safety Practices, Personnel & Material Safety, Milling machine & Tool specification, Job Holding & Centering, Measuring job, Milling operation, CNC Milling, CNC Advance Milling, Soft & Entrepreneurship Skills
4.	<b>Computer Hardware Assistant</b>	<b>10<sup>th</sup></b>	<b>600 hrs.</b>	<b>27</b>	<b>4</b>	<b>As per UPSDM Norms</b>		Safety Methods and Precautions, Basic concept of Electricity, Resistors, Inductance, Basic concept of Electronic Components and Digital Electronics, Computer Hardware, their installation and Troubleshooting, Installation of Windows OS, Software's, Antivirus, Drivers and Utility Installations and removal

### Training Programmes Associated with PMKVY (CSSM) Scheme

Sr. No.	Name of the Course	Eligibility	Duration	In Take	Hrs./ Day	Fee (Rs.)	Tentative Schedule	Brief Contents
1.	Self Employed Tailor	Preferably Class 8th	380 hrs.	25	4	As per PMKVY (CSSM Scheme) Norms	To be decided at the time of allotment	Drafting and cutting the fabric, Carry out the process of sewing for dress materials and common household items of textiles, Carry out inspections and alterations to adjust corrections for fittings, Maintain health, safety and security in the tailoring shop, Maintain work area, tools and

								machines, Comply with industry, regulatory and organizational requirements
2.	Field Technician-Computing and Peripherals	12th	340 hrs.	25	4	As per PMKVY (CSSM Scheme) Norms		Engage with customer, Install, configure and setup the system, Troubleshoot and replace faulty module, Coordinate with colleagues and co-workers
3.	Draughtsman Mechanical	10 <sup>th</sup>	450 hrs.	25	4	As per PMKVY (CSSM Scheme) Norms		Make or modify 2D mechanical engineering drawings using CAD system, Use basic health and safety practices at the workplace, Work effectively with others
4.	CNC Operator Turning	10 <sup>th</sup>	400 hrs.	25	4	As per PMKVY (CSSM Scheme) Norms		Perform turning operations on metal components using Computer Numerically controlled (CNC) machines, Use basic health and safety practices at the workplace, Work effectively with others
5.	Compression Moulding Operator	10 <sup>th</sup>	350 hrs.	25	4	As per PMKVY (CSSM Scheme) Norms		Prepare compression moulding machine, Perform compression moulding operation, ( Undertake post compression moulding activities, To carry out housekeeping, To carry out reporting and documentation, To carry out quality checks, To carry out problem identification and escalation
6.	Accounts Executive- Accounts Payable and Receivable	Graduation in commerce or allied subjects/Diploma in commercial Practice	75 hrs.	25	4	As per PMKVY (CSSM Scheme) Norms		Purchase order, Purchase journal, supplier and payment details, Booking credit purchase & sales, Verification of the documents, Preparation of Payment voucher, Preparation of mode of payment, Updating voucher with payment details, Preparing Receipt voucher, Performing the accounting entry, Record keeping
7.	<b>Stitching Operator (Footwear)</b>	<b>5<sup>th</sup></b>	<b>120 hrs.</b>	<b>25</b>	<b>4</b>	<b>As per PMKVY (CSSM Scheme) Norms</b>		Carry out stitching operation using different machines, Contribute to achieving product quality in stitching operation, Maintain the work area, tools and machines, Maintain health, safety and security at workplace, Comply with industry, regulatory and organizational requirements

## Training Programmes Associated with NSIC Under SC/ST Hub Scheme:

Sr. No.	Name of the Course	Eligibility	Duration	In Take	Hrs./ Day	Fee (Rs.)	Tentative Schedule	Brief Contents
1.	Leather Goods Manufacturing (Football Making)	8 <sup>th</sup>	200 hrs.	25	5	As per NSIC SC/ST Hub Norms	To be decided at the time of allotment	Basic knowledge of leather, Raw Materials, Processing, Testing, Product Manufacturing, Theory & Practical.
2.	Leather Goods Manufacturing (Embossing of Jeans/Purse/Belt/Handbags)	8 <sup>th</sup>	200 hrs.	25	5	As per NSIC SC/ST Hub Norms		Basic knowledge of leather, Raw Materials, Processing, Product Manufacturing, Theory & Practical, Testing.
3.	Fancy Cloth Bags Making/Cover of Sports Item	8 <sup>th</sup>	200 hrs.	25	5	As per NSIC SC/ST Hub Norms		Selection of raw material, Use of Different size of Fabric, Yarns, Drafting, Pattern Making, Cutting, or Stitching Fancy Cloth Bag/ Cover of Sports items.
4.	Plastic Injection Moulding Operations Training	8 <sup>th</sup>	380 hrs.	25	5	As per NSIC SC/ST Hub Norms		Basics of Injection Moulding, Injection Moulding Machine & its Operation, Injection Moulding Process, Mould Mounting, Basics of Mould Maintenance, Common Defects and Rectification, Safety Precautions.
5.	Compression Moulding for Rubber Sports Goods	8 <sup>th</sup>	380 hrs.	25	5	As per NSIC SC/ST Hub Norms		Basics of Rubber Mixing and Compounding, Open Details of Compression Moulding Press and its Operation, Common Problems and rectification, Safety Precautions.

## Extension Centre –I: MSME Training Centre(Branch PPDC, Meerut), Industrial Estate Digiana, Jammu

Sr. No.	Name of the Course	Eligibility	Duration	In Take	Hrs./ Day	Fee (Rs.)	Tentative Schedule	Brief Contents
NSQF Compliance Courses :								
1.	Certificate Course in Cricket Ball Manufacturing	Preferable 8th class passed	600 hrs.	25	4	20,000/-	July/Jan	Maintain health, safety and security at workplace, Washing, coloring and drying of leather, Panel Clicking, Inner joint sewing, Pressing and half Cop Cutting, Outer joint sewing, Outer ward sewing, Rounding and stamping, Standard –BIS and International standards, Finishing, inspection/ testing, packaging, marketing, Work effectively with others ,Factory Coordination and managing, Admission and Examination
2.	Certificate Course in Cricket Bat Manufacturing	Preferable 8th class	300 hrs.	25	4	6,000	August/Feb	Safety measures about cricket bat and its raw material, Selection of wood for cricket

		passed						bat, Marking process for cricket bat, Cutting process for cricket bat, Buffing process for cricket bat, Joining handle process of cricket bat, Finishing operation
3.	<b>Advance Diploma in Computer Hardware and Network Management</b>	<b>Preferably B.Sc./Diploma/Degree Engineering pass.</b>	<b>780 hrs.</b>	<b>25</b>	<b>4</b>	<b>30,000/-</b>	<b>July/Jan</b>	<b>Power Supply, PC Architecture, Software Installation, Up gradation &amp; Maintenance, Network Essential, setup &amp; management, Network management &amp; server configuration, LINUX management &amp; network configuration, Basic Electronics, Office Package, Communication Skill</b>

### **MSME TDC (PPDC), Meerut Extension Centre –II, Jalandhar**

<b>Sr. No.</b>	<b>Name of the Course</b>	<b>Eligibility</b>	<b>Duration</b>	<b>In Take</b>	<b>Hrs./ Day</b>	<b>Fee (Rs.)</b>	<b>Tentative Schedule</b>	<b>Brief Contents</b>
<b>Regular Courses:</b>								
1.	Leather Goods Manufacturing (Football Making)	8 <sup>th</sup>	200 hrs.	25	5	8,500/-	November	Raw Material, Indian & International Specifications, Manufacturing Process, Quality Control&Testing.
2.	Shuttle Cock Manufacturing	8 <sup>th</sup>	200 hrs.	25	5	8,500/-	September	Raw Material, Indian & International Specifications, Manufacturing Process, Quality Control&Testing.
<b>NSQF Compliance Courses :</b>								
3.	<b>Certificate Course in Cricket Ball Manufacturing</b>	<b>Preferable 8th class passed</b>	<b>600 hrs.</b>	<b>25</b>	<b>4</b>	<b>20,000/-</b>	<b>July</b>	<b>Maintain health, safety and security at workplace, Washing, coloring and drying of leather, Panel Clicking, Inner joint sewing, Pressing and half Cop Cutting, Outer joint sewing, Outer ward sewing, Rounding and stamping, Standard –BIS and International standards, Finishing, inspection/ testing, packaging, marketing, Work effectively with others ,Factory Coordination and managing, Admission and Examination</b>

### **Contact Details :**

#### **MSME-Technology Development Centre (PPDC)**

Sports Goods Complex, Delhi Road, Meerut, U.P.- 250002

Contact no.: 0121-2511779, 2404991

E-mail: [training@ppdcmeerut.com](mailto:training@ppdcmeerut.com), [info@ppdcmeerut.com](mailto:info@ppdcmeerut.com), Website: [www.ppdcmeerut.com](http://www.ppdcmeerut.com)

## **NOTE:**

- \* **All the months are tentative and candidates should confirm the month/date and availability of seat well in advance**
- \* **GST extra as applicable on Non NSQF Compliance Courses.**

## **ADMISSION PROCEDURE**

### **Following self-attested documents required for admission**

1. Copy of 10<sup>th</sup> Certificates.
2. Copy of Aadhar Card (Compulsory for admission).
3. Two Passport size photograph.
4. Cast Certificate, if applicable.
5. Copy of 12<sup>th</sup> certificate, if applicable.
6. Copy of Pursuing Degree/Diploma/ITI in Mechanical/Electronic/Electrical Engg. (if applicable)
7. Copy of Income certificate, if applicable.
8. Copy of Bank Passbook, if applicable.

## **GENERAL CONDITIONS**

- Applicant sponsored by Micro, Small & Medium Industries and those belonging to SC/ST/Handicapped/Women categories will be given preference.
- Course fee once paid will not be refunded, however this can be adjusted for subsequent course during the year depending upon the availability of seats.
- Fee concession will be granted to SC/ST candidates as per Govt. norms applicable from time to time.
- Fee installment facility is subjected to duration of course.
- Placement Assistance.
- Any specific tailor made course can be arranged on demand by industry/Institution/Association/Federation/Govt. organization.
- In case, any further information is desired, candidates may contact Incharge Training/Training Coordinator.
- Check the particulars like Name, Father Name, Date of Birth and Address etc. carefully in application form before submitting.  
If the particulars of a candidate not matched with each other on the enclosed documents such as Metric Certificate, Aadhar Card, SC certificate or any other certificates, then an affidavit required for this mismatch and enclosed with.