

**Proforma**

Name of Ministry: : MSME  
 Name of the Department : MSME-TDC(PPDC), Meerut  
 Name of the Division/  
 Automation Body : MSME-TDC(PPDC), Meerut.  
 Main Objectives for setting up  
 The Division/Subordinate Office : Common Facility Services  
 Complete Address : Sports Goods Complex, Delhi Road, Meerut  
 (Uttar Pradesh)  
 Name & Contact details of Sh. Sunil Gupta, Principal Director.  
 The Nodal Officer : (M) 7060448744

SNo.	Particulars							
	Total receipts and expenditure							
(1)Particulars	Receipts ( BE/RE)				Expenditure ( BE/RE)			
	2018-19 Actual	2019-20 Actual	2020-21 RE	2021-22 BE	2018-19 Actual	2019-20 Actual	2020-21 RE	2021-22 BE
Revenue (Rs. in Lakh)	428.57	548.58	712.87	-	455.73	436.62	660.35	-
Capital (Rs. in Lakh)	410.10	133.20	1426.47	-	230.00	263.23	266.18	-


(2) Services for which user charges are levied and total revenue receipt therefrom (Separately for each services)

(Rs. in Lakh)				
Particulars	2018-19 Actual	2019-20 Actual	2020-21 RE	2021-22 BE
Service 1 (Please specify)	288.21	351.10	452.68	-
Service 2 and so On (Please specify)	140.35	197.56	260.10	-
Total	428.56	548.66	712.78	

(3)Present rates of each of the user charges levied for various services, date of last revision and authority entitling the levy e.g. Rules Act, Regulation, Policy, Guideline or Vovt. Order, Resolution (Please attach copy)

Particulars	(Rate(Rs.))	Last reвосopm date	Authority
Service 1 (Please specify)	As per list Attached as Annexure 'A'		
Service 2 and so On (Please specify)	As per list attached as Annexure 'B'		
Total			

Note: Please enclose a copy of the worksheet(alongwith back-up papers/supporting documents), if available, in arriving at the present user charges.


  
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**Annex 'A'**

# MSME-Technology Development Centre (PPDC), Meerut

## SCHEDULE OF COURSES FROM APRIL 2020 TO MARCH 2021

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 2016	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

  
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		passed with science stream						Manufacturing, Polymer Engineering, Theory & Practical.
2.	Certificate Course in Cricket Ball Manufacturing	Preferable 8 <sup>th</sup> class passed	600 hrs.	25	4	20,000/-	Dec	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
3.	Certificate Course in Cricket Bat Manufacturing	Preferable 8 <sup>th</sup> class passed	300 hrs.	25	4	6,000/-	November	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
4.	Advance Diploma in Computer Hardware and Network Management	Preferably B.Sc./Diplo ma/ Degree Engineering pass.	780 hrs.	25	4	30,000/-	August/Jan	Power Supply, PC Architecture, Software Installation, Up gradation & Maintenance, Network Essential, setup & management, Network management & server configuration, LINUX management & network configuration, Basic Electronics, Office Package, Communication Skill
5.	Master Certificate Course in CAD/CAM	Preferable Diploma/ Degree (Mechanical Engineering or Equivalent)	780 hrs.	25	4	30,000/-	July/Dec	Computer Aided Design (CAD-Auto CAD and Solid works), Computer Aided Design & Computer Aided manufacturing (Unigraphics CAD &Unigraphics CAM), Computer Aided Engineering (ANSYS), Advance Computer Aided Design (CREO Parametric and CATIA V5), CNC Programming And CNC Machining, Entrepreneurship, Course-work: Project
6.	Certificate course in CNC Milling	Preferable SSC passed	780 hrs.	25	4	30,000/-	August/Jan	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
7.	Certificate course in CNC Turning	Preferable SSC passed	780 hrs.	25	4	30,000/-	July/Dec	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

  
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### Exempted from NSQF alignment Short Term Courses :

1.	Auto CAD- Mechanical	10 <sup>th</sup>	96 hrs.	25	4	6,000/-	June/August/ Sept/Oct/Dec / Feb	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 & Customization.
2.	Solidworks	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	July/Sep/Nov/ Jan/March	Introduction to Solid Works, sketch. Solid Modelling, feature modification using feature manager tree and reference geometry. Introduction to bottom up & top down assembly & kinematics, drafting & detailing, Sheet Metal Design.
3.	Unigraphics	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	June/August/ Oct/Dec/Feb	Introduction to Unigraphics, sketch constraint. Details of modeling, surfacing & sheet metal design, assembly & mechanism, drafting & detailing.
4.	CATIA V5	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Sept/ Nov/Feb	Introduction to Catia V5, sketch & constraints. Details of Solid modeling features & rendering etc. Generative Surface Design, Sheet metal design, assembly, Kinematics & Drafting.
5.	CREO Parametric	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Oct/ Dec	Introduction to Creo, Sketch & constraints. Creating 3D parametric solid & surface modelling. Sheet metal designing, creating photo render image of Creo/engineering parts, Assembly & Kinematics, Drafting.
6.	CNC Programming Lathe	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	June/August/ Oct/Dec/Feb	Auto CAD, Programming and Operation on CNC Turning Machine. Knowledge for measuring of produce components.
7.	CNC Programming Milling	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	July/Sep/Nov/ /Jan/March	Auto CAD, Programming and Operation on CNC Milling Machine. Knowledge for measuring of produce components.
8.	DelCAM	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Sept/ Nov/Feb	Introduction of 2D Drawing & 3D Wire Frame, Sketch Editing Surface, Creation of surface Method, Power Mill, Tool Path Generation, Profile Tool Path & NC.
9.	JAVA	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	August/Oct/ Dec	Intro to Core Java, Primitive data types, scope of variables, Array & Strings in Java, Concepts of OOPs, Classes & methods, Class using inheritance, Threading, Packages, Exception Handling, Applets, JDBC basic etc.
10.	Computer Hardware & Networking	10 <sup>th</sup>	96 hrs.	25	4	6,500/-	July/Sep/Nov/ /Jan	Introduction of Computer, Operating System & Computer Hardware, Installing & Configuring Windows, Boot Process Understanding Registry, Overview of Computer Networking & Network, Server

  
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### 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.	Computer Hardware Assistant	10 <sup>th</sup>	600 hrs.	27	4	As per UPSDM Norms		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

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							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.	Stitching Operator (Footwear)	5 <sup>th</sup>	120 hrs.	25	4	As per PMKVY (CSSM Scheme) Norms	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


  
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## 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
<b>NSQF Compliance Courses:</b>								
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 passed	300 hrs.	25	4	6,000	August/Feb	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
3.	Advance Diploma in Computer Hardware and Network Management	Preferably B.Sc./Diplo ma/ Degree Engineerin g pass.	780 hrs.	25	4	30,000/-	July/Jan	Power Supply, PC Architecture, Software Installation, Up gradation & Maintenance, Network Essential, setup & management, Network management & server configuration, LINUX management & network configuration, Basic Electronics, Office Package, Communication Skill

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

Sr. No.	Name of the Course	Eligibility	Duration	In Take	Hrs./ Day	Fee (Rs.)	Tentative Schedule	Brief Contents
<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.

  
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**NSQF Compliance Courses:**

3.	Certificate Course in Cricket Ball Manufacturing	Preferable 8th class passed	600 hrs.	25	4	20,000/-	July	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
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**Contact Details:****MSME-Technology Development Centre (PPDC)**

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

Contact no.: 0121-2511779, 2404991

E-mail: [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.


  
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### 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.

  
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**APPROVED LIST OF TESTING CHARGES UP TO 19-7-2019**

Sl. No.	Services	Testing Charges (Rs.)
<b>1.</b>	<b>Complete Footwear:</b>	
1.1	Shoes waterproofness	500.00
1.2	Whole shoe flexing at room temperature	1500.00
	a. Casual shoes	800.00
	b. Sports/heavy duty shoes	800.00
1.3	Shoes flexing at low temperature	1500.00
1.4	Heel attachment strength	500.00
1.5	Strap attachment strength	500.00
1.6	Strength of attachment of Bows & Trims	500.00
1.7	Whole shoe top line strength	500.00
1.8	STARA sole adhesion test	400.00
1.9	16 point bond ability test	1100.00
1.10	Leakage resistance	600.00
1.11	Back height/Quarter height	200.00
<b>2.</b>	<b>Leather/ Synthetics/Upper Materials:</b>	
2.1	Flexing resistance at room temperature/one lack cycles	500.00
2.2	Flexing resistance at low temperature/30000 cycles	1500.00
2.3	Tensile strength & extension at break	500.00
2.4	Seam strength/stitch tear	500.00
2.5	Induced tear strength	500.00
2.6	Tongue tear	500.00
2.7	Grain crack index	400.00
2.8	Burst strength	500.00
2.9	Adhesion of coating ( synthetics)	500.00
2.10	Water resistance	500.00
2.11	Break peppiness	600.00
2.12	Wrinkleometer test	600.00
2.13	Surface water absorption	200.00
2.14	Water vapour permeability	500.00
2.15	Water vapour coefficient	500.00
2.16	Adhesion of finish ( Tape test)	200.00
2.17	Blocking test	500.00
2.18	Heat fastness of finish	300.00
2.19	Taber abrasion	600.00
2.20	Light fastness	1200.00
2.21	Wet/dry/solvent rub fastness each	350.00
2.22	Colour migration	200.00

  
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2.23	Shrinkage Test	400.00
2.24	Fungus growth	800.00
2.25	Cold crack temperature	1500.00
2.26	Martindale abrasion	800.00
2.27	Leather identification	1200.00
2.28	Thickness	200.00
2.29	SLIP RESISTANCE (SATRA TM-144)	2500.00
2.30	SLIP RESISTANCE (ISO-13287)	1500.00
2.31	HEEL FATIGUE TEST	600.00
2.32	HEEL IMPACT TEST	600.00
2.33	SHANK FATIGUE TEST	800.00 up to 6000 cycles 1000.00 upto 12000
2.34	VAMP FLEXING	1500.00
2.35	Midsole Flexing	1000.00
2.36	Stiffness shoe	400.00
2.37	Velcro opening/closing	800.00
2.38	Elastic Flexing Resistance	800.00
2.39	BATA BELT Flexing	700.00
<b>3.</b>	<b>Plastics / Rubber/Soling Materials:</b>	
3.1	Specific gravity/density	300.00
3.2	Tensile strength & elongation at break	500.00
3.3	Hardness	200.00
3.4	Ross/bennewart flexing index at room temp.	600.00
3.5	Ross/bennewart flexing index at low temp.	1500.00
3.6	STARA/BATA belt flexing	900.00
3.7	Oil swelling	700.00
3.8	Compression set	500.00
3.9	Spilt tear strength	500.00
3.10	Dia "c" tear test	500.00
3.11	Heat shrinkage	500.00
3.12	% volatile loss	500.00
3.13	Abrasion	600.00
3.14	Bond strength ( raw material)	700.00
3.15	Bond strength ( prepared sample)	500.00
3.16	Light fastness	1500.00
3.17	Dynamic water resistance(leather)	500.00
3.18	Grain crack index (leather)	400.00
3.19	Tear strength	500.00
3.20	Rheometer	600.00
<b>4.</b>	<b>Insoles:</b>	
4.1	Tensile strength	500.00
4.2	Spilt tear strength	500.00


  
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4.3	Water uptake/loss	500.00
4.4	Rub fastness dry/wet/ each	500.00
4.5	Surface water absorption	200.00
4.6	Laminar strength	700.00
4.7	Shear strength	600.00
4.8	Scuff/abrasion resistance	600.00
4.9	Peel strength	600.00
4.10	Stitch tear of insole	600.00
4.11	Shrinkage	600.00
4.12	Density	400.00
4.13	Abrasion resistance	600.00
<b>5.</b>	<b>Toe Puffs &amp; Stiffeners:</b>	
5.1	Elongation at break	500.00
5.2	Change in area	500.00
5.3	Bond ability	500.00
5.6	Breaking strength	500.00
<b>6.</b>	<b>Adhesives:</b>	
6.1	Peel strength	700.00
6.2	Heat resistance	500.00
6.3	Shear strength	500.00
6.4	Solid contents	500.00
<b>7.</b>	<b>Heels:</b>	
7.1	Heel attachment strength	500.00
7.2	Resistance to splitting	300.00
7.3	Strength of toe piece attachment of heel	500.00
<b>8.</b>	<b>Shank:</b>	
8.1	Rockwell hardness C	600.00
<b>9.</b>	<b>Threads:</b>	
9.1	Breaking load and extension at break	500.00
9.2	Twist per unit length	300.00
9.3	Tenacity	300.00
9.4	Tex	250.00
9.5	Colour fastness	300.00
9.6	Composition	500.00
9.7	Thirds abrasion	600.00
<b>10.</b>	<b>Tapes and Bindings:</b>	
10.1	Bondability (self adhesive tapes)	500.00
10.2	Elasticity ( elastic tapes)	500.00
10.3	Colour migration	300.00
10.4	Breaking strength	500.00
10.5	Endurance test on elastic tapes	600.00
<b>11.</b>	<b>Fasteners:</b>	
11.1	Resistance to repeated opening and closing	500.00
11.2	Lateral strength of slide fasteners	500.00

  
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11.3	Strength of slide fastener pullers	500.00
11.4	Attachment of slide fastener top stops	500.00
11.5	Attachment of slide fasteners bottom stops	500.00
11.6	Slider locking strength of slide fastener	500.00
11.7	Security of attachment of retainer to lateral load	500.00
11.8	Security of attachment of retainer to long load	500.00
11.9	Tensile / breaking strength	500.00
11.10	Tear strength	500.00
11.11	Peel strength ( Velcro)	500.00
11.12	Shear strength ( Velcro)	500.00
11.13	Corrosion (metal fasteners)	500.00
11.14	Eyelet attachment strength	500.00
11.15	Strength of fastened buckles	500.00
11.16	Strength of buckles and strap attachment	500.00
11.17	<b>Corrosion resistance</b>	
	a. For the first sample	800.00
	b. For subsequent three samples ( per sample)	200.00
<b>12.</b>	<b>Laces:</b>	
12.1	Liner density	300.00
12.2	Breaking strength & elongation at break	500.00
12.3	Strength of bodkin attachment	500.00
12.4	Abrasion resistance	500.00
12.5	Knot resistance	500.00
12.6	Colour migration	300.00
12.7	Length/ width	200.00
12.8	Mass per 10 pairs	200.00
<b>13.</b>	<b>Safety Footwear:</b>	
13.1	Hardness of steel toe cap	400.00
13.2	Nail penetration test	500.00
13.3	Dimensions of steel toe cap	300.00
13.4	Impact strength of steel toe caps	500.00
13.5	Thermal conductivity	400.00
13.6	Anti Static	1500.00
13.7	Resistance to hot contact	400.00
13.8	Compression resistance	500.00
<b>14.</b>	<b>Card Board Boxes:</b>	
14.1	Specific weight	200.00
14.2	Tongue tear strength	500.00
14.3	Rub fastness dry/wet	500.00
14.4	Laminar strength	500.00
14.5	Burst strength	400.00
<b>15.</b>	<b>Hawai Chappal:</b>	
15.1	Strap attachment strength	500.00
15.2	Breaking strength of strap	500.00

  
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15.3	Ross flexing	500.00
15.4	Abrasion	600.00
15.5	Split tear	500.00
15.6	Compression test	500.00
15.7	Shrinkage	500.00
<b>16.</b>	<b>Textiles:</b>	
16.1	Breaking strength	400.00
16.2	Colour fastness to washing	400.00
16.3	Colour fastness to perspiration(acidic/alkaline each)	300.00
16.4	Composition	400.00
16.5	Liner density of yarn/count	200.00
16.6	Scoring loss	500.00
16.7	Colour fastness to light	1500.00
16.8	Identification of fiber	400.00
16.9	Dimensional stability	500.00
16.10	Threads per unit length in woven fabric	150.00
16.11	Weight per square meter	200.00
16.12	Cone test	400.00
16.13	Water absorption	200.00
16.14	Hot pressing	450.00
16.15	Bleaching test	250.00
16.16	Crocking test	600.00
16.17	Scouring loss	800.00
16.18	Alkali solubility of wool	500.00
16.19	Water soluble matter	400.00
<b>17.</b>	<b>Ageing Tests (Heat Ageing/Wet Heat Ageing/ Hydrolysis):</b>	
17.1	<b>Up to 24 hours (1 day)</b>	
a	For the first sample	500.00
b.	For subsequent three samples(per sample)	100.00
17.2	<b>Up to 72 hours (3 days)</b>	
a	For the first sample	1000.00
b.	For subsequent three samples(per sample)	200.00
17.3	<b>Up to 120 hours(5 days)</b>	
a	For the first sample	1000.00
b.	For subsequent three samples(per sample)	250.00
17.4	<b>Up to 168 hours (7 days)</b>	
a	For the first sample	1200.00
b.	For subsequent three samples(per sample)	300.00
17.5	<b>Up to 240 hours (10 days)</b>	
a	For the first sample	1600.00
b.	For subsequent three samples(per sample)	400.00
17.6	<b>Up to 336 hours ( 14 days)</b>	
a	For the first sample	2000.00
b.	For subsequent three samples(per sample)	500.00
<b>18.</b>	<b>Cold Tests:</b>	

  
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18.1	<b>Up to 24 hours (1 day)</b>	
a	For the first sample	1500.00
b.	For subsequent three samples(per sample)	500.00
18.2	<b>Up to 72 hours (3 days)</b>	
a	For the first sample	4500.00
b.	For subsequent three samples(per sample)	1000.00
18.3	<b>Up to 120 hours(5 days)</b>	
a	For the first sample	7500.00
b.	For subsequent three samples(per sample)	1000.00
18.4	<b>Up to 168 hours (7 days)</b>	
a	For the first sample	10500.00
b.	For subsequent three samples(per sample)	1000.00
18.5	<b>Up to 240 hours (10 days)</b>	
a	For the first sample	15000.00
b.	For subsequent three samples(per sample)	1500.00
<b>19.</b>	<b>Chemical Test:</b>	
19.1	Chromic oxide content/ Chrome (VI)	1000.00
19.2	Ash content	500.00
19.3	Water soluble content	500.00
19.4	PH and differential figure	500.00
19.5	Solvent extractable matter	500.00
19.6	Moisture content	500.00
19.7	Chromium (VI)	1000.00
19.8	After Ageing Chromium(VI)	1400.00
19.9	Bielstin test for PVC identification	600.00
19.10	Free fatty acid	800.00
19.11	Rubber hydrocarbon	800.00
19.12	Nitrogen and hide substances	600.00
12.13	Carbon black content	500.00
12.14	Formaldehyde content	600.00
12.15	Combined oil	500.00
12.16	Bound organic substances	300.00
12.17	Degree of tonnage	600.00
12.18	Water insoluble ash	500.00
<b>20.</b>	<b>SPORTS GOODS</b>	
20.1	Shuttle cock IS:415-1978 (re-affirmed 1991)	1608.00
20.2.	Hockey Ball IS:416-1983 (re-affirmed 1990)	2328.00
20.3.	Football IS:417 (Part I)-1974 (re-affirmed 1991)	200.00
	Cotton thread	
	Linen thread	840.00
20.4.	Volley Ball IS:417 (part II)-1986 (re-affirmed 1991)	1344.00
	Cotton thread	
	Linen thread	840.00

  
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20.5.	Basket Ball IS:417 (part III)-1986 ( re-affirmed 1991)Cotton thread	1056.00
	Linen thread	546.00
20.6.	Cricket Bat IS:828-1979(re-affirmed 1990)	3102.00
20.7.	Tennis Ball IS:2216-1985(re-affirmed 1990)	1038.00
20.8.	Carom board IS:2719-1964(re-affirmed 1991)	714.00
20.9.	T.T Ball IS:3659-1993	384.00
20.10.	W.K Gloves IS:3800-1993(re-affirmed 1990)	1932.00
20.11.	Batting Gloves IS:3800-1983(re-affirmed 1990)	900.00
20.12.	Base Ball IS:5459-1969(re-affirmed 1992)	200.00
20.13.	Soft Ball IS: 5460-1969 (re-affirmed 1992)	200.00
20.14.	Cricket Ball IS:10800-1983(re-affirmed 1990)	3654.00
20.15.	Boxing Gloves IS:3874-1987(re-affirmed 1992)	798.00
<b>21.</b>	<b>Cricket Ball BS:5993-1994:</b>	
21.1	Circumference 6.2 Clause No.	200.00
21.2	Mass 6.3	200.00
21.3	Width of seam 6.4	200.00
21.4	Shape Reel gauge 6.6(Annex.A.a1)	200.00
21.5	Shape 6.6(Annex.A.a2)	200.00
21.6	Height of bounce 6.7(Annex. A. b)	200.00
21.7	Hardness 6.8 (Annex. A. c)	1014.00
21.8	Shape 6.6 (Annex. A. d)	200.00
21.9	Impact resistance 6.9 (Annex. A. e)	1014.00
21.10	Hardness 6.8 (Annex. A.f)	1014.00
21.11	Shape 6.6 (Annex.A.g)	200.00
<b>22.</b>	<b>Other Testing:</b>	
1.	Test of viscosity on brook field viscometer	300.00
2.	Preparation of plywood sample of T.T table	3990.00
3.	Bounce test for .T.T table as per ITTF specification	1000.00
4.	Flatness test for T.T table as per ITTF specification	1000.00
5.	Rebound test or rubber Ball	200.00
6.	Fabric nylon-weight GSM	200.00
7.	Fuel soluble matter test	2000.00
8.	Length	200.00
9	Width	200.00
10.	Circumference	200.00
11.	Sphericity	200.00
12.	Weight	200.00
13.	Rebound test	200.00
14.	Impact test	200.00
15.	Water uptake of football	200.00
16.	Solid contents	200.00
17.	Moisture content of wooden clefts/products	400.00
18.	Resistance to crystallization (72 hours)	1000.00
19.	Kit bag-dimension	125.00
20.	Pressure retention test	275.00

  
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21.	Joint strength	500.00
22.	Acid and alkali resistance test (as per IS:937-1981)	800.00
23.	Mechanical stability test	500.00
24.	Melting point test	500.00
25.	Thermal gravimetric analyzer (TGA)	3000.00
26.	Fourier transform spectrophotometer (FTIR)	1500.00
27.	Bundesmann apparatus test	500.00
28.	Air permeability test	500.00
29.	Flex abrasion test	340.00
30.	Endurance test for zip fastener	425.00
31.	Spray (Rating) test	255.00
32.	Football shooting test	1200.00 (up to 2000 cycle/strokes)
33.	Dry rubber content test	500.00
34.	Weight capacity test (for aircushion ring)	1800.00
	Above test can be booked separate-separate leakage	300.00
35.	Weight capacity test	800.00
36.	Leakage	500.00
37.	Presser (up to leakage burst))	500.00
38.	Bounce test	1000.00
39.	Diameter test	1000.00
40.	Angle test	200.00
41.	Observation test	200.00
42.	Height	200.00
43.	Thickness	200.00
44.	Test charges for conveyor Belt	
45.	Flame test	600.00
46.	Drum friction test	600.00

<b>23.</b>	<b>Textile/ Garment /Fabric/ Upper Leather Material</b>	
1.	Crocking/ Rubbing (Dry&Wet)	400.00
2.	CF to Water	300.00
3.	CF to Perspiration	300.00
4.	CF to DryCleaning	300.00
5.	HotPressing/Sublimation	300.00
6.	OrganicSolvent/Water Spotting	300.00
7.	WetScrubbing	300.00
8.	Shampooing	300.00
9.	Chlorinated Water/ HypochloriteBleach	300.00
10.	Non-chlorine Bleaching/ HydrogenPeroxidebleach	300.00
11.	HandWashing	300.00
12.	DomesticWashing	700.00
13.	AutomaticHome Laundering (Machinewash)	600.00
14.	Relaxation Shrinkage / Shrinkageor Elongation	400.00

  
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15.	Shrinkage when Heated/ Shrinkage or Elongation (Hot Condition)	400.00
16.	Appearance After Laundering/Hand Wash	600.00
17.	Dry & Wet Shrinkage for Polyester sewing thread	500.00
18.	Skewness	500.00
19.	Qualitative Analysis	300.00
20.	Quantitative Analysis Binary Mixture. Extra Each component (Fibre)	400.00 150.00
21.	Assessment of Total Colour difference (dE)	500.00
22.	Whiteness/Yellowness/ Brightness Index Evaluation Comparison	500.00
23.	Abrader Wheel (Available with CS-10, H-18, H-22 & H-38) Upto 1000 Cycles	800.00
24.	Upto 1500 Cycles	1200.00
25.	Upto 2000 Cycles	2000.00
26.	Bundesmann/Shower	500.00
27.	Cone Test	300.00
28.	Spray Test	150.00
29.	Hydrostatic Pressure Head Test	500.00
30.	Wettability/Absorbency	300.00
31.	Static Resistance	2000.00
32.	Thermal Conductivity	2500.00
33.	Flammability	1000.00
34.	Ease of ignition of vertically oriented specimen	1200.00
	Vertical flammability test	1200.00
35.	Horizontal flammability test	1000.00
36.	Count (Linear Density) of yarn	400.00 (as such) 100.00 extra for Each additional color and type of yarn
37.	Fabric Thickness (Other than industrial textile)	200.00
38.	Crease Recovery	500.00
39.	Pilling Resistance	Up to 5000 Rs. 500 each additional 1000 rubs or part thereof Rs. 300
40.	Tearing Strength	500
41.	Perspiration	500
42.	Bursting Strength	500

  
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43.	Tensile Strength	500 (other than industrial/technical fabric) 500 (Industrial/technical textile)
44.	Seam Performance	500

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## DETAILS OF RATES OF JOB CHARGES OF DIFFERENT WORKSHOPS OF PPDC, MEERUT W.E.F. 1-12-1997(UPDATED UPTO 31-3-2003)

Name of the Workshop/ Section	Particulars of the machine/equipment	Machine per hour rate/ charges (Rs.)	Rate per piece (Rs.)
Leather Processing & Leather Stitching Workshop	1. Staking machine	27.50	-
	(a) Sheep skin & Goat		Nil
	(b) Cow Calf		2.75
	(c) Cow Side		2.50
	(d) Buff Calf		2.75
	(e) Buff Side		2.50
	(f) Cow & Buff hide extra heavy		3.75
	2. Tanning Drum (small)	50.00	-
	3. Chicking Press (small)	40.00	-
	4. Dry Splitting machine	145.00	-
	5. Compressor/Spray		-
	(a) Piece below 1 sq. meter		0.50 per piece/coat
	(b) Piece measuring 1 sq. Meter or above.		0.75 per piece/coat
	(c) Spray on Cricket Ball Cup		2.00 per cup
	6. Hydraulic Plating machine		0.50 per sq. ft.
	7. Measuring machine		1.25 per piece
	8. Shaving machine		-
	Material to be shaved	Desired thickness (mm)	
	(a) Full hide of area up to 22 sq. ft.	1.00	10.00
		0.80	12.50
		0.60-0.70	13.75
		0.40-0.50	16.25
	(b) Full hide area above 22 sq. Ft.	1.00	12.50
		0.80	18.75
		0.60	21.25
		0.40	26.25
	(c) Sides	1.00	7.50
		0.80-0.90	8.75
		0.60-0.70	10.00
		0.40-0.50	11.25
	(d) Shoulder	Any thickness	5.00
	(e) Belly	-do-	1.25
	(f) Goat & Sheep skin of area upto 6 sq. ft.	1.00	2.50
		0.70	5.00
		0.50	7.50
	(g) For goat & sheep skin of area above 6 sq. Ft. Rs. 1.25 only is to be added to the charge of each category as stated above at Sl.No.(f)		
	Note: Shaving charges on thick leather will be charged 50% extra on the rates mentioned above.		
	9. Pit Processing operation	12.50	-
	10. Strap cutting machine	28.75	-

Contd.....(2).....

Wooden drum Rs. 100/- per hour. with tech charge

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11.	Flat Bed Stitching machine	28.75	
12.	Zig-Zag stitching machine	45.00	
13.	Post bed stitching machine	45.00	
14.	Cylinder Bed stitching machine	36.25	
15.	Foot Ball Rounding machine	28.75	
16.	Skiving machine	28.75	
17.	Leather stitching work by hand	30.00	
18.	Buffing machine $10^2 \text{ ft} = 4=00$ $11 \text{ To } 20 = 8=00$ $20 \text{ Above} = 10=00$		6.25 per hide 3.75 per side
19.	Splitting Machine(Big Size)		
	Area	2 to 5 Sq.ft.	5.00 per piece
		6 to 10 Sq.ft.	6.00 per side
		11 to above Sq.ft.	7.50 per side
		8 to 12 Sq.ft.	10.00 per piece
		12 to 20 Sq.ft.	12.00 per piece
		20 <u>12</u> to above Sq.ft.	15.00 per piece
20.	Core Drying Machine		1.00 per Core
21.	Angular Panel Cutting Machine		0.50 per panel
22.	Hydraulic Half Cup Pressing Machine		1.00 per cup
23.	By hand	30.00	

NOTE	1.	For Single testing minimum charges will be Rs.75/-.
	2.	There is no discount for slab preparation charges.
	3.	All rates are applicable for supply of standard sample like slab/buttons for compression set and Abrasion. Any extra work for preparation of sample will be additional cost.
	4.	Slab/Buttons curing and sample cutting will be Rs. 125.00.
	5.	For calculating the job charges only certified copy issued by the Centre should be referred.
	6.	All slabs should be measuring at least 6"x6".
	7.	All soft polymeric sheets, leather, textile/fabric test samples should measure at least 1 sq. Meter.
	8.	Raw material for sample preparation in plastic and Rubber should be at least 1.5 Kg.
	9.	All Test samples related to threat etc. should be at least 100 gms.
	10.	20% of total cost of the job(excluding the cost of utilised raw material & chemicals etc.) should be levied as technical fees on the jobs processed in any workshop except the jobs undertaken on Shaving machine of leather workshop.
	11.	For making the dies, the required raw material such as mild steel, S.S. Rod, Nut & Bolts etc. is to be made available by the customer at his own cost. Only imported strip, if needed for die making will be provided by this centre.
	12.	The machine hours rates may be converted into piece rates at the time of receiving the job depending upon the size, shape, complexity & amount of job work involved, with the approval of Director PPDC, Meerut.

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ref-

NOTE - Buffing M/c Rate = Approved file No. 4(1). Page No 01. Date 23/6/11

- 1 - 10 sqft = 4=00
- 2 11 To 20 sqft = 8=00
- 3 - 20 sqft Above = 10=00
- 4 - 20% tech charge extra

  
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## List of User Charges levied by the Mechanical Workshop

Title of the user charge	Service for which user charge is levied	Rate of user charge and unit of collection	Date of fixation of the rate of the current user charge
1	2	4	5
Job charges for:	Job Work		
CNC Milling M/C		Rs.470 per hr.	16-02-18
CNC Lathe M/C		Rs.428 per hr.	16-02-18
CNC Wire CUT EDM		Rs.220 per hr.	22-10-13
EDM		Rs.100 per hr.	19-12-04
Centre Lathe M/C		Rs.76.50 per hr.	04-04-13
Shaping M/C		Rs.76.50 per hr.	24-03-08
Surface Grinding M/C		Rs.105 per hr.	21-07-07
Drilling M/C		Rs.43.50 per hr.	N/A
Hand Work		Rs.81 per hr.	N/A
Clicking Die Eqp.		Rs.470 per hr.	N/A

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Annex. 'B'

WOOD WORKSHOP

JOB Charges LIST

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Sl. No.	Machine Name	Job Charges Rate (Rs./Hour)
1.	Band Saw	54.00 plus GST
2.	Wood Planer -1	42.00 plus GST
3.	Bat Pressing Machine	40.00 plus GST
4.	V-Shape Cutting Machine	67.00 plus GST
5.	Wood Planer -2	45.00 plus GST
6.	Circular Saw Machine	45.00 plus GST

  
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