DIPLOMA IN
FOOTWEAR TECHNOLOGY

CURRICULAR STRUCTURE
AND
SYLLABUS OF PART – III

WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION
"KOLKATA KARIGORI BHAVAN" 110 S N BANERJEE ROAD (2ND FLOOR),
KOLKATA – 700 013
## CURRICULAR STRUCTURE FOR PART-II (3rd YEAR) OF THE FULL TIME DIPLOMA COURSE IN FOOTWEAR TECHNOLOGY

**WEST BENGAL STATE COUNCIL OF TECHNICAL EDUCATION**

**TEACHING & EXAMINATION SCHEME FOR DIPLOMA IN ENGINEERING COURSES**

**BRANCH: DIPLOMA IN FOOTWEAR TECHNOLOGY**

**SEMESTER: FIFTH**

<table>
<thead>
<tr>
<th>SR. NO.</th>
<th>SUBJECT</th>
<th>CREDIT</th>
<th>PERIODS</th>
<th>INTERNAL SCHEME</th>
<th>EVALUATION SCHEME</th>
<th>MARKS TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>S</td>
<td>L</td>
<td>T</td>
<td>U</td>
<td>PR</td>
</tr>
<tr>
<td>1</td>
<td>INTERNATIONAL TREND ON FOOTWEAR TECHNOLOGY</td>
<td>2</td>
<td>2</td>
<td>-</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>METHOD OF FOOTWEAR MANUFACTURE–PART-III</td>
<td>6</td>
<td>3</td>
<td>6</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>PRINCIPLES OF FOOTWEAR DESIGNING &amp; PATTERN DEVELOPING III</td>
<td>6</td>
<td>3</td>
<td>6</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>4</td>
<td>FOOTWEAR MACHINERY -- PART-II</td>
<td>2</td>
<td>2</td>
<td>10</td>
<td>20</td>
<td>30</td>
</tr>
<tr>
<td>5</td>
<td>FOOTWEAR COSTING AND QUALITY MANAGEMENT</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>6</td>
<td>1) LEATHER TECHNOLOGY-I OR 2) LEATHER GOODS TECHNOLOGY-I</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>FOOTWEAR CAD 2D PART II</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>PROFESSIONAL PRACTICE-III</td>
<td>2</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>26</td>
<td>14</td>
<td>3</td>
<td>16</td>
<td>50</td>
</tr>
</tbody>
</table>

**STUDENT CONTACT HOURS PER WEEK:** 33Hrs.

Theory and Practical Period of 60 Minutes each.

INTERNATIONAL TREND ON FOOTWEAR TECHNOLOGY

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course offered in</th>
<th>Course Duration</th>
<th>Full Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWT / T5 / ITFT</td>
<td>Part III – 1st Semester</td>
<td>17 weeks</td>
<td>50</td>
</tr>
</tbody>
</table>

EXAMINATION SCHEME

Internal assessment marks 15 and END SEMESTER EXAMINATION MARKS 35

Distribution of Internal assessment marks: Teacher’s Assessment 5, Class Test 10

<table>
<thead>
<tr>
<th>NO</th>
<th>SUBJECT</th>
<th>CREDIT</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>S</td>
<td>L</td>
<td>T</td>
</tr>
<tr>
<td>1</td>
<td>INTERNATIONAL TREND ON FOOTWEAR TECHNOLOGY</td>
<td>2</td>
<td>2</td>
<td>-</td>
</tr>
</tbody>
</table>

DETAIL COURSE CONTENT

INTRODUCTION TO FASHION: Definition, terminologies, fashion life cycle, consumer identification with fashion cycles, environment of fashion, theories of fashion adoption. (6)

INTRODUCTION TO DESIGN: Definition, concept of design, pattern, types: Fabric Design – natural, stylized geometric, historic and abstract; (6)

FASHION RESEARCH AND ANALYSIS: Fashion forecasting – techniques, market research, trend, colour, fabrics, silhouettes, texture, designs and seasons, presentation of forecast, Fashion services and Resources. (6)

ELEMENTS OF DESIGN: Introduction of Moodboard (4)

LIGHT AND COLOUR: Psychological effects and physical effects of light rays; Colour- concept - internal colour, external colour, theories, dimension, physical effects, psychological effects, colour schemes. (6)

TEXTURE AND PATTERN: Definition and concept, Determinants of texture, aspects of texture and uses, combining qualities of hand, surface and light reaction. Pattern - aspects of pattern, introducing pattern to fabric, visual effects. (4)

International Trend Presentation: (4)

TEXT BOOKS:

REFERENCES:

METHOD OF FOOTWEAR MANUFACTURE - PART- III

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course offered in</th>
<th>Course Duration</th>
<th>Full Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWT / T2 / MFM3</td>
<td>Part III – 1st Semester</td>
<td>17 weeks</td>
<td>100+100</td>
</tr>
</tbody>
</table>

METHOD OF FOOTWEAR MANUFACTURE - PART- III

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course offered in</th>
<th>Course Duration</th>
<th>Full Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWT / T2 / MFM3</td>
<td>Part III – 1st Semester</td>
<td>17 weeks</td>
<td>100+100</td>
</tr>
</tbody>
</table>
**EXAMINATION SCHEME**

Internal assessment marks 30, END SEMESTER EXAMINATION MARKS 70 and Practical Marks 100

Distribution of Internal assessment marks: Teacher’s Assessment 10, Internal Examination 20

**Practical Marks:**

**Internal assessment of 50 marks** shall be held throughout the Semester on the entire syllabus.
Distribution of marks: Practical Book – (open type 5+ close type 5); on the spot job – (open type 10+ close type 10); Assignment – (open type 10+ close type 10).

**External assessment of 50 marks** shall be held at the end of the Semester on the entire syllabus. One job per student from any one of the jobs done is to be performed. Job is to be set by lottery system. Distribution of marks: On the spot job – 40; Viva-voce – 10.

<table>
<thead>
<tr>
<th>SR. NO</th>
<th>SUBJECT</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Method of Footwear Manufacture – Part - III</td>
<td>6</td>
<td>3</td>
</tr>
</tbody>
</table>

**DETAIL COURSE CONTENT**

**A. Assembling:**

1. Introduction
2. Definition & Introduction – Lasting, Sole Attaching, Finishing
3. Conditioning of Upper (Different Methods)
4. Attaching of Insole (Different Methods)
5. Toe – puff and Counter Reactivation (Different Methods)
6. Lasting
7. Sequential Operations of –
   i) Stuck on construction
   ii) Welted Construction
   iii) Stitch-down Construction
   iv) Goodyear Welted Construction
   v) California Construction
   vi) String lasted Construction
   vii) Mocassin Construction
   viii) DVP and DIP Construction
   ix) Moulded Construction (Rubber/P.V.C / P.U./ EVA)

**B. Shoe Rooming**

The function and processes of the shoe room and their importance to sales appeal. Shoe room operations and techniques for different kinds of natural and man made upper and bottom materials.

**Practical A (Close Type):**

1. Making of Mocassin (Derby and Casual).

**Practical B (Open Type):**

2. Women’s chappal – 2 different style (At least one by stitch down construction)
3. Women’s Sandals– 2 different styles (At least one by stitch down construction)

**TEXT BOOKS:**


**PRINCIPLES OF FOOTWEAR DESIGNING & PATTERN DEVELOPING**

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course offered in</th>
<th>Course Duration</th>
<th>3 lecture +6 practical contact</th>
<th>Full Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWT / 5 / T3 / PFDP</td>
<td>Part III – 1st Semester</td>
<td>17 weeks</td>
<td>periods</td>
<td>100+100</td>
</tr>
</tbody>
</table>
Internal assessment marks 30, END SEMESTER EXAMINATION MARKS 70 and Practical Marks 100

Distribution of Internal assessment marks: Teacher’s Assessment 10, Internal Examination 20
Practical Marks:

Internal assessment of 50 marks shall be held throughout the Semester on the entire syllabus.
Distribution of marks: Practical Book – (open type 5 + close type 5); on the spot job – (open type 10 + close type 10);
Assignment – (open type 10 + close type 10).

External assessment of 50 marks shall be held at the end of the Semester on the entire syllabus. One job per student from any one of the jobs done is to be performed. Job is to be set by lottery system. Distribution of marks: On the spot job – 40; Viva-voce – 10.

<table>
<thead>
<tr>
<th>SR. NO</th>
<th>SUBJECT</th>
<th>CREDIT</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>PRINCIPLES OF FOOTWEAR DESIGNING &amp; PATTERN DEVELOPING III</td>
<td>6</td>
<td>3 6 10 20 30</td>
<td>T U A ESE PR TW</td>
</tr>
</tbody>
</table>

DETAIL COURSE CONTENT

- The effects of shoe construction
- Shoe dimensions relative to the foot and shape differences between foot last.
- Foot comfort considered in terms of designing.
- Positions of seams, cut outs and straps.
- Fit and flexibility of different constructions.
- The mechanical properties of the shoes and its component materials and their effect on foot movement and comfort adjustments.
- The physical properties of materials and which effect foot health, water vapour permeability, water absorption, air permeability, thermal conductivity, vapour barrier principles.
- The choice and the combination of upper material to allow for perspiration transmission or temporary absorption, heat dissipation and conservation under foot comfort.
- The use of cushioning and thermoplastic materials.
- Choice of bottom filling and thickness of under foot components.
- Frictional effects between hose and counter lining, hose and insole, sole and ground.
- Choice of counter linings, heel grips, non-slip sole.
- Pattern making materials and their effects on processes.
- Accuracy and tolerance level and acceptability in designing.
- Interlock of patterns as the basis of upper.
- Materials and product specification – production guide.
- Pattern cutting procedure from forme cutting to working patterns, pattern trials and proving test.
- Pattern cutting considerations – seam, area, material allowances, marker dies and knives, silk screen etc.

2. a) Different systems of pattern making for various types of constructions such as good year welted, California or slip lasting, Veldschoen etc.

Practical A (Close Type):
Designing of followings
1. Making of Mocassin (Derby and Casual).

Practical B (Open Type):
Designing of followings
2. Women’s chappal - 2 different style (At least one by stitch down construction)
3. Women’s Sandals - 2 different styles (At least one by stitch down construction)

TEXT BOOKS:
FOOTWEAR MACHINERY -- PART – II

Subject Code: FWT / S / T3 / FM2
Course offered in: Part III – 1st Semester
Course Duration: 17 weeks
2 lecture periods per week
Full Marks: 100

EXAMINATION SCHEME
Internal assessment marks 30 and END SEMESTER EXAMINATION MARKS 70
Distribution of Internal assessment marks: Teacher’s Assessment 10, Class Test 20,

<table>
<thead>
<tr>
<th>SR. NO.</th>
<th>SUBJECT</th>
<th>CREDIT</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>FOOTWEAR MACHINERY -- PART-II</td>
<td>2</td>
<td>T U PR</td>
<td>INTERNAL SCHEME</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>T C T</td>
<td>TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ESE</td>
<td>PR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

Insole attaching machine—Mechanical. Pneumatic.
Upper Pre forming machine(Moccasin).
Counter Moulding Machine [for Solvent dip Counter, Thermoplastic Counters].
Forepart Lasting machine (Function, Features)
Heel Lasting Machine.
Heat Setting Machine.
Roughening Machine
Heat Reactivating Machine.
Sole Pressing machine.
Un-lasting Machine.
Sole Stitching Machine.
Injection Moulding machine.
PU pouring machine.
Work Station In assembling and related machines

TEXT BOOKS:

FOOTWEAR COSTING AND QUALITY MANAGEMENT

Subject Code: FWT / S / T5 / FCQC
Course offered in: Part III – 1st Semester
Course Duration: 17 weeks
2 lecture + tw contact periods per week
Full Marks: 125

EXAMINATION SCHEME
Internal assessment marks 55 and END SEMESTER EXAMINATION MARKS 70
Distribution of Internal assessment marks: Teacher’s Assessment 10, Class Test 20, Term work 25

<table>
<thead>
<tr>
<th>SR. NO.</th>
<th>SUBJECT</th>
<th>CREDIT</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>FOOTWEAR COSTING AND QUALITY MANAGEMENT</td>
<td>3</td>
<td>T U PR</td>
<td>INTERNAL SCHEME</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>T C T</td>
<td>TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>ESE</td>
<td>PR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

DETAIL COURSE CONTENT
Internal assessment marks 55 and END SEMESTER EXAMINATION MARKS 70
Distribution of Internal assessment marks: Teacher’s Assessment 10, Class Test 20, Term work 25

ACCOUNTING FOR FACTORY OVERHEAD: Capacity level concepts, production and service departments, direct and indirect costs, over and under applied overhead.  

COST VOLUME PROFIT ANALYSIS: Breakeven analysis, Contribution margin, variable, cost ratio, marginal income. Sales mix by garment style, effect of volume change, price/volume analysis.  

STANDARD COSTING: Variance analysis, setting cost standards, price variance analysis for material, labour and overheads.  

DETERMINING PRICING OF FOOTWEAR PRODUCTS: Procedures used for estimating allowances for footwear components and effects on these allowances of material variations. The influence on these allowances of the type of part being produced in respect of wear requirements, conditioning during manufacture, constructional details and shape and size of the individual components. The incorporation of cost factors in footwear specifications. Export pricing: FOB, CIF, C&F and other cost related terms.  

THE BUDGETING PROCESS: Budgeting principles for the Footwear industry, fixed vs. flexible budget, master budget, limitations of budgets.  

QUALITY CONTROL  
  a) The quality concept from the consumers point of view.  
  b) The quality concept from the traders point of view.  
  c) The quality concept from the manufactures point of view.  
  d) Relation between quality standard levels & price.  
  e) The main factors on the quality of a product.  
  f) Quality control & quality determination  
  g) Main aspects in the establishment of quality system.  
  h) When and what to control.  
  i) How to apply quality control.  
  j) Who shall be involved in quality control.  
  k) Human aspect & the quality function.  

Quality Management:  
Total Quality Management, Quality Circle, ISO Series, SA  

TERM WORK  
1. Per piece pattern costing for non leather material.  
2. Wastage calculation for leather upper material.  
3. Preparation of cost sheet in MS Excel.  

TEXT BOOKS:  

REFERENCES:  

LEATHER TECHNOLOGY – I (ELECTIVE)  

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course offered in</th>
<th>Course Duration</th>
<th>2lecture + 2 tw contact periods per week</th>
<th>Full Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWT / 5 / T6 / ELC1</td>
<td>Part III – 1st Semester</td>
<td>17 weeks</td>
<td>50+50</td>
<td></td>
</tr>
</tbody>
</table>

EXAMINATION SCHEME  
Internal assessment marks  15 and END SEMESTER EXAMINATION MARKS 35, Practical Marks 50  
Distribution of Internal assessment marks : Teacher’s Assessment 5, Class Test 10  
Practical Marks:
Internal assessment of 25 marks shall be held throughout the Semester on the entire syllabus. Distribution of marks: Practical Book – 5; on the spot job – 10; Assignment – 10.

External assessment of 25 marks shall be held at the end of the Semester on the entire syllabus. One job per student from any one of the jobs done is to be performed. Job is to be set by lottery system. Distribution of marks: On the spot job – 15; Viva-voce – 10.

<table>
<thead>
<tr>
<th>SR. NO.</th>
<th>SUBJECT</th>
<th>CREDIT</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>1) LEATHER TECHNOLOGY-I</td>
<td>3</td>
<td>2</td>
<td>INTERNAL SCHEME</td>
</tr>
<tr>
<td></td>
<td></td>
<td>L</td>
<td>T U PR</td>
<td>TA C T TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ESE PR TW TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>35 50 100</td>
</tr>
</tbody>
</table>

**DETAIL COURSE CONTENT**

2. Preservation of Raw Hides & skins: Control, pH control using toxic materials, Drying Simple salting, Concrete mixer, Brine curing, combined method, Indian method.

**Practical:** Visiting Tanneries; Thorough study of Practical procedures to make leather specially in tanning Section. Preparing Practical Handbook.

**Recommended Books:**
2. Sarkar K.T. "Theory & Practice of Leather Manufacture".

---

**LEATHER GOODS TECHNOLOGY – I (ELECTIVE)**

Subject Code: FWT / 5 / T6 / ELC1  
Course offered in: Part III – 1st Semester  
Course Duration: 17 weeks  
2 lecture+ 2 tw contact periods per week  
Full Marks: 50+50

**EXAMINATION SCHEME**

Internal assessment marks 15 and END SEMESTER EXAMINATION MARKS 35, Practical Marks 50  
Distribution of Internal assessment marks: Teacher’s Assessment 5, Class Test 10  
Practical Marks:  
Internal assessment of 25 marks shall be held throughout the Semester on the entire syllabus. Distribution of marks: Practical Book – 5; on the spot job – 10; Assignment – 10.

External assessment of 25 marks shall be held at the end of the Semester on the entire syllabus. One job per student from any one of the jobs done is to be performed. Job is to be set by lottery system. Distribution of marks: On the spot job – 15; Viva-voce – 10.

<table>
<thead>
<tr>
<th>SR. NO.</th>
<th>SUBJECT</th>
<th>CREDIT</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2) LEATHER GOODS</td>
<td>3</td>
<td>2</td>
<td>INTERNAL SCHEME</td>
</tr>
<tr>
<td></td>
<td></td>
<td>L</td>
<td>T U PR</td>
<td>TA C T TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ESE PR TW TOTAL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>35 50 100</td>
</tr>
</tbody>
</table>
DETAIL COURSE CONTENT

1. Introduction to leather goods: Introduction; Definition; Classification.
3. Machines Used: Clicking Machine; Splitting Machine; Skiving Machine; Sewing Machine,
4. Different Fitting Used: Introduction, Rivets, Eyelets; Grommets; Snaps; Zipper; Buckles; Loop, Dees; Rings; Frames; Corner Fittings’ Locks; Studs; Wires; Elastic; Wheelers.
5. Materials Overview: Introduction; Leather; Lining; Reinforcements; Adhesives; Needles & threads' Wax.

PRACTICAL:
i) Pattern Technology: Introduction, Pattern Making from Sample; Pattern Developing (Allowances etc.).
ii) Cutting Technology: Introduction; Method; Material Selection; Pattern Interlocking; Splitting; Skiving; Strap Cutting.
iii) Fabrication Technology: Introduction; Different Techniques; Stitching & Assembling; Gluing Method.

TEXT BOOKS:

FOOTWEAR CAD Part - II

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course offered in</th>
<th>Course Duration</th>
<th>2 sessional contact periods</th>
<th>Full Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWT / T5 / FC2</td>
<td>Part III – 1st Semester</td>
<td>17 weeks</td>
<td>50 per week</td>
<td></td>
</tr>
</tbody>
</table>

OBJECTIVE
On satisfactory completion of the course, the students should be in a position to solve two dimensional drafting and design problems by being able to use Footwear CAD commands to make a 3D drawing, make pattern, Edit pattern, add Sole and Insole, and finally visualizing the whole in different light. They will also be able to convert 3D to 2D.

COURSE & EXAMINATION SCHEDULE

Internal assessment of 25 marks
Distribution of marks: Lab notebook 5, drawing sheets 20.

External assessment of 25 marks shall be held at the end of the Semester on the entire syllabus. One job per student from any one of the jobs done is to be performed. Job is to be set by lottery system. Distribution of marks: Drawing sheets – 10; On the spot job – 10; Viva-voce – 5.

EXAMINATION SCHEME

<table>
<thead>
<tr>
<th>SR. NO.</th>
<th>SUBJECT</th>
<th>CREDIT PERIODS</th>
<th>INTERNAL SCHEME</th>
<th>EVALUATION SCHEME</th>
<th>MARKS TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>FOOTWEAR CAD 2D PART -II</td>
<td>2</td>
<td>2</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

DETAIL COURSE CONTENT

GRADING:

SHELL GRADING, The grading sizes/fittings and definitions concept, Grading Rules, Reference Grading, Grade Move Grading, Grade Like Region Grading, Parallel Grading, Radius Grading (circle, ellipse, fillet), Marker Grading

PLOTTING, NESTING AND CUTTING


PRACTICE WITH COMPLETE DRAWING

Each student is required to prepare a Base Design and make pattern as per designing. The drawing of Footwear base pattern will be supplied by the teacher-in-charge.
Introduction to 3D:
Understanding the Technology, Recommended ways of combined 2D/3D work, Drawing for complex Designs
Import 3D Last, 3D Designing (Direct Designing), 3D Pattern Making, Stitch Making, Eyeleting, Lacing,
Decoration, Sole and Insole Making, 3D Output Visualizing in Different Light

REFERENCE BOOKS:
2. "Training Manual", Shoemaster QS 10.4

PROFESSIONAL PRACTICE -III

<table>
<thead>
<tr>
<th>Subject Code</th>
<th>Course offered in</th>
<th>Duration</th>
<th>2 lecture contact periods</th>
<th>Full Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>FWT / S / T1 / PR3</td>
<td>3rd Year 1st Semester</td>
<td>17 weeks per week</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

OBJECTIVE

- Acquire information from different sources.
- Prepare notes for given topic.
- Present given topic in a seminar.
- Interact with peers to share thoughts.
- Prepare a report on industrial visit, expert lecture.

EXAMINATION SCHEME

Internal assessment marks : 50

Distribution of Internal assessment marks : Visit Report-10, Seminar Presentation 15, Internal Assignment-25

<table>
<thead>
<tr>
<th>CREDITS</th>
<th>PERIODS</th>
<th>EVALUATION SCHEME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L</td>
<td>TU</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

DETAIL COURSE CONTENT

Module-1

1. Analysis of Footwear Design trends by
   - Press review
   - Retail window shopping
   - Magazines
   - Websites
2. Formation of Moodboard
3. Trend presentation

Module-2

1. Operation and adjusting controlling parameter of Insole attaching machine
2. Operation and adjusting controlling parameter of Upper Pre forming machine(Moccasin).
3. Operation and adjusting controlling parameter of Counter Moulding Machine
4. Operation and adjusting controlling parameter of Forepart Lasting machine
5. Operation and adjusting controlling parameter of Heel Lasting Machine.
7. Operation and adjusting controlling Roughening Machine
11. Operation and adjusting controlling Injection Moulding machine.
12. Operation and adjusting controlling of PU Pouring machine.

Visit a Footwear Making Unit 2 times