

Course number	COURSE TITLE	SEMESTER
FEM 306	FOOTWEAR DESIGNING LAB	THIRD
<ol style="list-style-type: none"> 1. To design the meanforme of the last 2. To design the basic standard with the help of meanforme Viz. (oxford ,derby , court, shoe , open footwear to make the manually) 3. To make the patterns manually . 		
Course number	COURSE TITLE	SEMESTER
FEM 301	FOOTWEAR MATERIAL	THIRD
<ol style="list-style-type: none"> 1. Classify various types of material used in footwear industries. 2. Analyze the different types of leather and their identification ,characteristics and properties. 3. Analyze the quality variation and substance variation in leather. 4. Analyze the different types of soling material and their identification ,characteristics and properties. 5. Classify various types of adhesives used in footwear industry. 6. Classify various types of finishing material used in footwear industry. 		
Course number	COURSE TITLE	SEMESTER
FEM 304	CLICKING TECHNOLOGY LAB	THIRD
<ol style="list-style-type: none"> 1. Study about the different types of tools used in clicking. 2. Study about the different types of defects found in hide or skin while clicking. 3. Practice in clicking by manually and by machine. 4. Calculate the costing and wastage Reduction of leather. 		
Course number	COURSE TITLE	SEMESTER
FEM 502	FOOTWEAR CONSTUCTION LAB	FIFTH
<ol style="list-style-type: none"> 1. Classify the various types of construction used in footwear industry. 2. Study about the different types of tools and machines used in footwear construction 3. To construct the pairs of shoes using cemented or stuck on construction. 4. Study about the different types of chemicals used in different construction. 5. Inspect the final quality of a shoes. 		

Course number	COURSE TITLE	SEMESTER
FEM 504	LASTING AND MAKING TECHNOLOGY LAB	FIFTH
<ol style="list-style-type: none"> 1. To introduce the various types of tools and machines used in lasting operation 2. Learn the process of Drafting 3. Study about the different types of manual lasting methods and practice in hand lasting. 4. Study about the machine lasting and practice in machine lasting by machines. 5. Quality control and find faults in lasting operation. 		
Course number	COURSE TITLE	SEMESTER
FEM 201	ELEMENTARY LEATHER TECHNOLOGY	SECOND
<ol style="list-style-type: none"> 1. Study about the different types of tanning methods. 2. Study about the beam house operations. 3. Study about the post tanning operations. 4. Analyze the defects found in hides and skins and grain variation. 5. Introduce the sorting process of hides and skins is based on quality of leather. 		
Course number	COURSE TITLE	SEMESTER
FEM 506	COMPUTER AIDED FOOTWEAR DESIGNING LAB	FIFTH
<ol style="list-style-type: none"> 1. Introduce the basic commands of shoemaster (2D Classic) software. 2. Digitize the 2D Standard. 3. To make the complete shell of the shoe standard. 4. Design the pattern and make the complete pattern and specifications of the pattern. 5. Grading of the standard. 		
Course number	COURSE TITLE	SEMESTER
FEM 602	FOOTWEAR PATTERN DESIGN AND GRADING SYSTEM LAB	SIXTH
<ol style="list-style-type: none"> 1. Introduce the basic commands of shoemaster (3D POWER & CREATIVE) software. 2. To make the complete shell of the shoe standard in 3D view. 3. Design the 3D patterns. 4. Grading the shoes last. 		
Course number	COURSE TITLE	SEMESTER
FEM 408	FOOTWEAR CLOSING TECHNOLOGY LAB	FOURTH
<ol style="list-style-type: none"> 1. Introduce the tools and machines used in closing. 2. Practice the stitching in different types of stitching machine 3. Learn about the needle and thread combination's 4. Practice in different types of preparation operations and stitching. 5. Analyze the stitching faults in leather and synthetic. 6. To construct the upper in basic designs. 		

Course number	COURSE TITLE	SEMESTER
FEM 404	FOOTWEAR MACHINERY LAB	FOURTH
<ol style="list-style-type: none"> 1. Introduce the various types of machines used in footwear unit. 2. Study about the functioning of machines and their specifications. 3. To operate the machines and learn the working principle of machines. 4. Study about the maintenance of machines. 5. Study about the precautions while operating the machines. 		
Course number	COURSE TITLE	SEMESTER
FEM 402	LEATHER AND FOOTWEAR TESTING LAB	FOURTH
<ol style="list-style-type: none"> 1. Introduce the various apparatus and machines used in physical and chemical tests on leather and synthetic material. 2. Analysis of chrome ,vegetable and other mineral tanned leathers of mineral contents, total oil and fats. 3. Performs the various tests such as apparent density, tensile strength , elongation at break at specified load ,abrasion resistance, grain crack index ,adhesion test, flexing endurance tests. 4. Quality control with respect to indian and international standards such as ISI, export inspection agencies 		