

Upgradation of ITIs into Centres of Excellence-
Broad guidelines for implementation of Advanced Module of Sector
“Leather Goods & Footwear Sector”

These Centres will be providing multiskill training to meet the skill requirement of particular sector of industry with their active involvement in all aspects of training. The training will be provided in three parts as given below:

- ◆ Training in Basic skill areas for a period of one year.
- ◆ Training in Advanced modules of six months duration after Broad based basic Training(BBBT)
- ◆ Testing & Certification both for the Broad Based Basic Training & Advanced Module Training during subsequent six months will be conducted under the aegis of NCVT .
- ◆ Training in specialized modules mainly by the industry (The course curricula, duration etc will be designed in consultations with the IMC/local industry). The trade testing & certification for specialized module will be done jointly by the State Government & Industry. Said certificate will have recognition from NCVT
- ◆ As per the recommendations of the EFC, Training in the shop floor should constitute atleast 25-40% of the curriculum.

The training programme will have multi-entry and multi-exit provisions as given below:

- trainee can opt to go to the labour market after completing broad based basic training of one year duration or after completing advanced module/s.
- multi-entry and multi-exit provisions would enable a trainee to take admission for advanced/ additional advanced /specialized module as per his/her need .

Guidelines for Training in Advanced modules

- A minimum of three modules would be essentially needed , so as to ensure that all the 96 trainees are accommodated in the three modules may be selected in consultation with IMC for which in two shifts .
- If it is felt that available modules for which the course curricula has been developed at National Level are not sufficient to cater to the needs of local industry in a particular state, States are free to select module as per need in consultation with industry . They may develop suitable module(s) accordingly in consultations with the industry clearly indicating tool & equipment list , instructor qualifications , space norms etc. & forward the same to DGE&T for seeking approval of NCVT.
- A trainee at a time can opt only for one Advanced Module .
- Admission Criteria, Space requirement, Qualification of instructor of the various modules of "Leather Goods & Footwear Sector" are attached herewith.

Admission to Advanced Module for the graduates of ITI in related trades:

There is a provision for lateral entry for graduates of ITIs (NTC /NAC passed out from conventional system) of the related trades subject to availability of seats in Advanced Module. Trades of conventional system mentioned against each advanced module in the enclosed statement, could be offered admission in Advanced Module .

MODULE NO.	NAME OF THE MODULE	Admission criteria	Space requirement	Duration In Weeks	Qualification/Status of Instructor
LFAT-01	GENERAL SHOES MAKING	Completed BBT in "Leather Goods & Footwear Sector" OR NTC/NAC in relevant trades OR Diploma in relevant area .	70 sq m	24 weeks	Degree in Leather Technology or related field with minimum five years teaching/industrial experience in the relevant field OR Diploma in relevant area with five years teaching/industrial experience in the relevant field
LFAT-02	SPORTS SHOES MAKING & SPORTS GOODS Making	Completed BBT in "Leather Goods & Footwear Sector" OR OR NTC/NAC in relevant trades OR Diploma in relevant area.			
LFAT-03	LEATHER GARMENTS MAKING	Completed BBT in "Leather Goods & Footwear Sector" OR NTC/NAC in relevant trades OR Diploma in relevant area			
LFAT-04	TRAVEL GOODS / UPHOLSTRY / DOMESTIC ITEMS MAKING	Completed BBT in "Leather Goods & Footwear Sector" OR NTC/NAC in relevant trades OR Diploma in relevant area .			

SYLLABUS FOR MODULE (1): GENERAL SHOES MAKING

(Duration - six months)

THEORY: Introduction to leather required for different type of general shoes like gents and ladies both. Characteristics of different type of leather required for shoes. Shoe Size System. Method of construction of General / Civilian shoes. Designing of different shoes and Casual wear. Introduction to CAD.

ENTREPRENURSHIP DEVELOPMENT: Concept of need of entrepreneurship in context of prevailing employment conditions of the country. Successful entrepreneurship and training for entrepreneurship development. Ideas of project report preparation. Labour, Industrial & Tax laws (basic knowledge).

MATERIAL MANAGEMENT : Objectives of goods stock control system. ABC analysis of inventory procurement of consumption cycle, purchase procedure etc. Personnel and Financial Management - Objectives and importance of wages and salary administration, classification of wage, payment scheme , component of wage & fixation.

NOTE - Entrepreneurship camp to be organised for two or three days . Lectures to be delivered on entrepreneurship by Industry experts at institute level.

PRACTICAL: Designing of different type of shoes by manual / hand process. Designing of different type of shoes by computer and practising fabrication of different type of shoes (Casual wears, General footwear).

SYLLABUS FOR MODULE (2): SPORTS SHOES MAKING& SPORTS GOODS MAKING
(Duration - six months)

THEORY: Detail information about sports shoes characteristics of different type of leather required for sports shoes. Designing of different type of sports shoes like Cricket shoes, Football shoes, Hockey shoes, Athletics shoes etc. (using CAD).

Detail information about sports goods classification of leather based sports goods such as Football, Hockey Ball, Cricket ball, Volley ball, Basket ball, rugby ball, sports gloves etc., Soft leather goods, Batting gloves, Keeping gloves, Football gloves, Golf equipment kits.

Characteristics of different types of leather goods such as importance of stretchiness, water proofness for football and other leather balls. Leather shape retention and moulding properties of Hockey Cricket and other balls. Run and elasticity of leather required for different sports goods.

Machinery and Equipment required for Cricket balls, Hockey balls, Sport Gloves and other sports goods etc.

Introduction to Tools required for sports goods manufacturing.

ENTREPRENEURSHIP DEVELOPMENT: Concept of need of entrepreneurship in context of prevailing employment conditions of the country. Successful entrepreneurship and training for entrepreneurship development. Ideas of project report preparation. Labour, Industrial & Tax laws (basic knowledge).

MATERIAL MANAGEMENT: Objectives of goods stock control system. ABC analysis of inventory procurement of consumption cycle, purchase procedure etc. Personnel and Financial Management - Objectives and importance of wages and salary administration, classification of wage, payment scheme, component of wage & fixation.

NOTE - Entrepreneurship camp to be organised for two or three days. Lectures to be delivered on entrepreneurship by Industry experts at institute level.

PRACTICAL: Fabrication of different type of sports shoes like Cricket shoes, Football shoes, Hockey shoes, Athletics shoes etc. Design of various sports shoes using CAD.

Exercises in cutting of sports goods like balls for different games, batting gloves, keeping gloves, Inner gloves etc.

SYLLABUS FOR MODULE (3): LEATHER GARMENTS MAKING
(Duration - six months)

THEORY:

Overview of Leather Industry & Trade: Overview of garments footwear & leather products both global & Indian. Structure & functioning of Leather Industry. Geographical & regional cultural variations of the industry opportunities. Role of professional.

Leather Studies: General information of raw hides & skin. Types of leather & their finishes. Characteristics of leather - Physical properties & grain structure. Pre tanning. Tanning & Finishing. Tannery Industry. Dimensionality. Physical & visual characteristics. Material manipulation. Identification of leather.

Leather Skills: Introduction to basic tools (hammer, skiver, anvil, awl, adhesive, measuring tape, L - Square). Introduction to sewing needle. Introduction to types of threads. Introduction to basic sewing machine (lock stitch).

Basic Construction Skills: Different types of lines & edges. Cutting Manual (Scissors & knife). Stitching. Different types of lines, angles & edge stitches. Marking. Knowledge and placement of pattern for optimum utilisation of material

Construction Skill II: Types of seam finishes. Press open seam. Superimposed seams. Lap seam. Binding seam. Back seam. Types of Gusset - T Base, Raised base, Insert Gusset. Assembling skills in different shapes & forms - Angle, square, straight, angle, round, mushroom, sharp curve.

Introduction to Accessories & Trims: Lining & Re-enforcement. Fusing. Closures. Velcro, buckles, zips, buttons, buttonholes, rivets, eyelets.

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MATERIAL MANAGEMENT: Objectives of goods stock control system. ABC analysis of inventory procurement of consumption cycle, purchase procedure etc. Personnel and Financial Management - Objectives and importance of wages and salary administration, classification of wage, payment scheme, component of wage & fixation.

NOTE - Entrepreneurship camp to be organised for two or three days . Lectures to be delivered on entrepreneurship by Industry experts at institute level.

PRACTICAL: Machine control and practice (with / without needle). Paper exercises for different shapes & sizes. Stitching practice on leather (artificial & natural leather, canvas). Practice of construction of two-dimensional geometrical shapes. Construction of straight lines, curved lines, polygon & surfaces. Developing drawing skills & using instruments & graph sheets. Measurement, dimensions plane & scales. Basic pattern tracing & marking. Construction of hand skiving, Folding. Edge Folding. Hammering. Different types of lines, angles & edge stitches. Marking. Knowledge and placement of pattern for optimum utilisation of material.

Practice in designing of different type of leather garments for men's wear, women wear, children & girls wear. Fabrication of men's wear, women wear, children & girls wear.

**SYLLABUS FOR MODULE (4): TRAVEL GOODS / UPHOLSTRY / DOMESTIC ITEMS
MAKING**

(Duration - six months)

THEORY: Identification of material required for travel goods making. Classification of travel goods. Characteristics of different types of material / leather / non-leather required for different type of leather goods (Bags, Purses, Belts & other cases). Designing of different type of travel goods items. Selection of raw material, grinders and fitting. Costing & estimating of travel goods items.

Identification of material required for upholstery and Domestic items making. Classification of upholstery and Domestic items. Characteristics of different type of leather required for upholstery like rub resistance, stretchiness, elongation, colour fastness, uniformity of shade. Designing of different type of upholstery and domestic items. Selection of raw material required for the same. Costing and estimating of the above items.

ENTREPRENURSHIP DEVELOPMENT: Concept of need of entrepreneurship in context of prevailing employment conditions of the country. Successful entrepreneurship and training for entrepreneurship development. Ideas of project report preparation. Labour, Industrial & Tax laws (basic knowledge).

MATERIAL MANAGEMENT: Objectives of goods stock control system. ABC analysis of inventory procurement of consumption cycle, purchase procedure etc. Personnel and Financial Management - Objectives and importance of wages and salary administration, classification of wage, payment scheme, component of wage & fixation.

NOTE - Entrepreneurship camp to be organised for two or three days. Lectures to be delivered on entrepreneurship by Industry experts at institute level.

PRACTICAL: Designing of different type of travel goods such as Suit case, Hand bags, Holder, Airbags and other type of bags. Fabrication of different type of Travel goods mentioned as above. Designing of different type of upholstery and domestic items. Fabrication of different type of upholstery and domestic items.

