

Part-I Theory : 15 hrs

- (1) Fundamentals of mathematical science 1 hr
- (2) Introduction and scope of footwear industry; 2 hrs
- (3) Industrial management and communication skill; 2.5 hrs.
- (4) Basic theory of footwear designing; 2.5 hrs.
- (5) Pattern making and grading system; 2.5 hrs.
- (6) Selection of materials; 2 hrs
- (7) Production planning and control; 1.5 hrs.
- (8) Knowledge of general safety and safety management 1 hrs.

Practical :(60 hrs)

- (1) Free hand sketching of footwear design; 10 hrs
- (2) Construction of standard and cutting of sectional pattern; 5 hrs
- (3) Making the pattern of different shoes; 5 hrs
- (4) Cutting components by hand; 10 hrs
- (5) Practicing of hand tools used in industry; 10 hrs
- (6) Practicing of different operations such as (Punching, marking beeding, ornamentation, printing, embossing etc); 10 hrs.
- (7) Operation of stitching machine ; 10 hrs.

Part-II Theory :

- (1) Sequence operation of cutting of closing section; 2 hrs.
- (2) Sequence preparation of lasting department; 2 hrs.
- (3) Waste of waste management; 2 hrs.
- (4) Quality control and inspection; 2 hrs.
- (5) Care and maintenance of Tools, equipments and machinery; 2 hrs.
- (6) Finance, estimate and costing; 2 hrs.
- (7) Demonstration on project work; 2 hrs.
- (8) Environment and footwear specifications 1 hrs.

Practicals : (60hrs)

- (1) Clicing cutting of upper lening components; 40 hrs
- (2) Component assembling; 40 hrs.
- (3) Upper preparation (Sewing); 40 hrs.
- (4) Upper printing embossing, matalic felting and finishing 80 hrs.
- (5) Assignment work; 20 hrs.
- (6) Project work/industrial visit; 20 hrs.

**Certificate course in-Footwear Design & Production
(Practical + Theory)**

Duration – 6 month

Theory [15 hrs.] : Practical [60 hrs.]; 6 month



Theory : 15 hrs.

- (1) Sequence operation of cutting of closing section; 2 hrs.
- (2) Sequence preparation of lasting department; 2 hrs.
- (3) Waste of waste management; 2 hrs.
- (4) Quality control and inspection; 2 hrs.
- (5) Care and maintenance of Tools, equipment's and machinery; 2 hrs.
- (6) Finance, estimate and costing; 1 hrs.
- (7) Demonstration on project work; 1 hrs.
- (8) Environment and footwear specifications 1 hrs.

Practicals : 60 hrs

- (1) Clicking cutting of upper leaning components; 20 hrs
- (2) Component assembling; 10 hrs.
- (3) Upper preparation (Sewing); 20 hrs.
- (4) Upper printing embossing, and finishing 10 hrs.
- (5) Assignment work;
- (6) Project work/industrial visit;

(a to z) Kit After Admission : 1/4 izos'k ds ckn a ls z fdV dk lkeku 1/2

- (a) One Bag
- (b) One Summer/Winter Jacket
- (c) Feber sheet (Polypropylene board)
- (d) Adhesive Container
- (e) Awl
- (f) Beading Hammer
- (g) Bench Grinder
- (h) Scissor
- (i) Divider
- (j) Punch
- (k) Eyelate Setter
- (m) Rivit Dye
- (m) French Curve set
- (n) Steel Scale
- (o) Marble stone
- (p) Pincer
- (q) Shoe last
- (r) Water Bottle
- (s) Printed Study Material
- (t) Cutting knife
- (u) Measuring tape
- (v) Set of screw drivers
- (w) Rampi & oil stone
- (x) Oil keeps
- (y) First Aid box
- (z) Daily Diary.



Courses

- (1)** *Footwear Design and production – 6 month certificate*
(Practical + Theory)
- (2)** *Diploma in Footwear technology – One year Diploma course (2 Vocational Courses)*
(Practical + Theory)

Prepared by

Sanjeev Kumar Yadav

Diploma in footwear technology (GLI KANPUR)

A handwritten signature in blue ink, appearing to be 'Sanjeev', is written below the text.