

Syllabus for the subject

of

ENGINEERING DRAWING

(For 3rd & 4th semester)

Under

CRAFTSMEN TRAINING SCHEME (CTS)

For: -

- 1) Spinning Technician
- 2) Textile Wet Processing
- 3) Weaving Technician.

Re-Designed in

2015

By

Government of India

Ministry of Skill Development & Entrepreneurship

Directorate General of Training

CENTRAL STAFF TRAINING AND RESEARCH INSTITUTE

Block - EN - 81 SECTOR - V, SALT LAKE CITY, KOLKATA - 700 091

3rd semester

Engineering Drawing for the Trades of

1) Spinning Technician 2) Textile Wet Processing 3) Weaving Technician.

SL. No	Topics	Duration
1	- Preparation of simple working drawings from the sketches.	63 hrs.
2	- Freehand sketching of detailed parts & production of working drawings of the parts. - Free hand sketching of key and screw threads from sample with dimensions - Free hand sketch of trade related hand tools, cutting tools, measuring tools.	
3	Simple isometric drawing- - Isometric view of simple objects such as cubes, rectangular block, prism, cylinder etc - Free hand sketching of simple object with dimensions. Use of different types of scales in inches and millimetres.	
4	Freehand sketching of detailed parts & production of working drawings of the parts.	
5	Sketching of Bolts and nuts and other screwed members.	
6	Details and assembly of a simple hand vice	

4th semester

Engineering Drawing for the Trades of

1) Spinning Technician 2) Textile Wet Processing 3) Weaving Technician

SL. No	Topics	Duration
1	Limit, Fits and tolerance Dimensioning and sectional views	63 hrs.
2	Details and assembly of shaft and pulley Details and assembly of Bush bearing Details and assembly of simple coupling	
3	Details and assembly of shaft and pulley	
4	Details and assembly of V- blocks with clamps	
5	Development of surface – cylinder, cone, prisms and pyramid.	
6	Exercise on blue print reading- 3 rd angle projection	