



SYLLABUS

CUTTING & SEWING

Trade Skill - II

Under Craft Instructor Training Scheme

2012

Government of India
Ministry of Labour and Employment
Directorate General of Employment and Training
CENTRAL STAFF TRAINING AND RESEARCH INSTITUTE
Salt Lake City, Kolkata

List of the Members attended trade committee meeting for developing Syllabi for Apparel Sector on 16.12.2011

Sl. No.	Name of the member	Address
1.	Ms. Upma Bhatia Chair person	Jt. Director of Training/Principal National Vocational Training Institute for Women, D-1, Sector – 1, Noida – 201301
2.	Mr. Rajender Kumar	Jt. Director of Training Director General of Employment & Training, Sharam Shakti Bhavan, New Delhi
3.	Ms Tulika Kumar	Proprietor, Matt Global, A-33, Sector – 58, Noida 0120-4262350
4.	Ms Ritu Lal	Fashion Designer , Free Launcer
5.	Mr ASEEM KUMAR	M.D., KAURUB EXPORTS LTD.
6.	Ms Krishi Sareen	HOD, Footware Design & Development Institute, Sector 24, Noida
7.	Ms Laxmi Rohella	Merchandiser, Flying Fashions, E-46/3, Okhla Industrial Area, Phase II, New Delhi.
8.	Mr Shiv Kumar	Software consultant, Optitex India Limited, NewDelhi
9.	Ms Neeru	Software Trainer, Optitex India Limited, NewDelhi
10.	Ms Anju Bhatia	Viva Jeans, 39, M S Market, CP, New Delhi
11.	Mr Amar Pundir	Manager HR, M/S Creative Clothes, A – 1, Sector – 59, Noida
12.	Ms Tanushree Mitra	Project Manager, M/S Creative Clothes, A – 1, Sector – 59, Noida
13.	Ms Gloria Mary Rose	Training Officer, NVTI, Noida
14.	Ms Abha Rastogi	Training Officer, NVTI, Noida
15.	Mr S S Meena	Training Officer, NVTI, Noida
16.	Ms Sonu Ghiya	Training Officer, NVTI, Noida
17.	Ms Anju	Training Officer, RVTI, Jaipur
18.	Ms Bhagya Shree	Training Officer, RVTI, Panipat
19.	Ms Pragna Ben	Training Officer, RVTI, Calcutta

General Information

- 1. Name of the Trade : Cutting & Sewing**
2. Name of the Module : Trade Skill – II
3. N. C. O. Code No. :
4. Duration of Training : 3 Months (13 Weeks)
5. No. of Seats (Batch Size) : 20 Trainees
6. Entry Qualification : 10th passed
Passed one year (2 semester of 6 months each of relevant basic course)
And appeared in Trade Skill – I of Relevant course.
7. Power Consumption : 5 kW (For Trade Skill I and II)
8. Space required : 120sq m Drafting & Cutting Room
: 50 sq m Theory Room
: 75 sq m Sewing Workshop
: 2 sq m Trial Room
9. Qualifications for Instructor: Academic:
○ Graduate
Technical:
○ 3 years Diploma in relevant stream from AICTE
○ Teaching/Industrial Experience – 4 years
- Course Objective : The objective of the course is to impart training in advance areas of Fashion so that they can seek one of the following mode of employment -
1. Pattern Master (Manual)
2. Instructor
3. Line In charge in an Export House
4. Set her/his own Boutique
5. Assistant to quality controller
- Training Methodology : Training in each module shall consists of
○ Lecture
○ Practical Exercises in the work shops
○ Market surveys of treands

- Trainees Exit Level :

- Visits to Export houses/Exhibitions/ Fairs.
- On completion of training trainees are expected to be able to :
 - Draft Pattern
 - Stitch made to order garments
 - Inspect Garment

NOTE:–

NCVT Certificate in Crafts Instructor Course will be awarded after successful completion of all modules of the trade concerned namely Trade Skill – I, Trade Skill – II and, Module-III Vocational Science and Calculation ,Module-IV Training Methodology.

MARKING SCHEME

Marking Scheme for each module of Modular Pattern for Craft Instructor Training for all the trades in NVT/RVTIs

TRADE SKILL – II

Sl. No	PAPER	MARKS		SESSIONAL		GRAND TOTAL		DURATION OF EXAMINATION
		Max. Marks	Min. marks for Pass	Max Marks	Min. marks for Pass	Max Marks	Min. marks for Pass	
1	PRACTICAL	175	105	35	21	210	126	8 Hrs.
2	THEORY	75	45	15	09	90	54	3 Hrs.
3	TOTAL	250	150	50	30	300	180	

Note: Minimum passing marks in sessional and final examination is 60% each for both Theory and Practical

Trade Skill - II
Cutting & Sewing

Week No.	Theory (2 hours per day)	Practical
1	Introduction & scope	Revision
2	Technical Terms & their use in the trade "Cutting & Tailoring" Fusing Technology Safety <ul style="list-style-type: none"> • Safety during work • First Aid • First Aid Box Drafting of Ladies Blouse	Pattern Making, Cutting, Stitching & finishing of Designer Blouses as per Fashion
3 & 4	Cutting Technology Estimation of cloth for <ul style="list-style-type: none"> • Different width • Different Size • Different Fabric Pattern Drafting & Pattern Making of <ul style="list-style-type: none"> • Shirt • Bushirt • T Shirt • Safari Shirt • Pathani Shirt 	Cutting, Stitching & Finishing of any two shirts <ul style="list-style-type: none"> • Shirt • Bushirt • T Shirt • Safari Shirt • Pathani Shirt
5	Sewing Technology <ul style="list-style-type: none"> • Components of Sewing <ul style="list-style-type: none"> ○ Stitches & Seams ○ Feed System ○ Pressure Foot ○ Throat Plate ○ Feed Dog ○ Needles ○ Threads ○ Types of Motor & Belt Balance of Garment according to Structure of Human Body & its importance Deformed Figure	Pattern Making for special Needs – <ul style="list-style-type: none"> • Deformed figures • Abnormal figures
6 & 7	Drafting & Pattern Making of Gents Kurtas <ul style="list-style-type: none"> • Nehru Kurta 	Cutting, Stitching & Finishing of any one - <ul style="list-style-type: none"> • Nehru Kurta

	<ul style="list-style-type: none"> • Kalidar Kurta • Bengali Kurta • Decorative Kurta <p>Machinery & Equipment</p> <ul style="list-style-type: none"> • Basic Sewing machines for <ul style="list-style-type: none"> ○ General Sewing ○ Over locking ○ Safety Stitching ○ Blind Stitching ○ Button Holes ○ Bar Tacking ○ Button Sewing ○ Double Needle ○ Zigzag <p>Trimmings & Accessories</p> <p>Time & Motion Study</p>	<ul style="list-style-type: none"> • Kalidar Kurta • Bengali Kurta • Decorative Kurta
	<ul style="list-style-type: none"> • Special Sewing Machines • Work Aids <ul style="list-style-type: none"> ○ Machine Beds ○ Machine Tables ○ Work Chairs ○ Machine Attachments <p>Estimation of</p> <ul style="list-style-type: none"> • Material for different width, size & Texture • Garniture for a garment <p>Costing of Garment</p> <p>Drafting of Ladies Shirt</p>	<p>Pattern Making, Cutting, Stitching & finishing of Designer Suits</p>
8	<p>Principles of Pressing Technology</p> <p>Drafting & Pattern Making of</p> <ul style="list-style-type: none"> • Shorts • English/One piece Trousers • American/Two Piece Trousers • Jeans <p>Quality Control</p> <ul style="list-style-type: none"> • Definition, factors affecting quality, benefits of quality control • Quality Assurance System • Statistical Quality control • Concept & use of AQL 	<p>Cutting, Stitching & Finishing of any one -</p> <ul style="list-style-type: none"> • Shorts • English/One piece Trousers • American/Two Piece Trousers • Jeans
9	<p>Drafting of Nehru Jacket & Vest</p> <p>Coat various style.</p>	<p>Pattern Making of Jacket & Vest coat (Including Lining)</p>

	<p>Accessories for Jackets & Coats Inspection-</p> <ul style="list-style-type: none"> • Definition, need, planning • Types of Inspection • Stages of Inspection • Role of Inspector 	<p>Checking of Garments in respect of –</p> <ul style="list-style-type: none"> • Measurements • Stitching • Stains • Defects
10	<p>Drafting of Coat -</p> <ul style="list-style-type: none"> • Single Breast • Double Breast • Sherwani/Achakan <p>Analysation of Garment in respect of Stitching sequence</p>	<p>Pattern Making of –</p> <ul style="list-style-type: none"> • Single Breast • Double Breast • Sherwani/Achakan
11	Project- Draft, Cut, Stitch & Finish a Gents Garment of your Choice	
12	Revision & Examination	

APPAREL SECTOR/TRADE SKILL-II/CUTTING & SEWING

All the Laboratories/Rooms/Workshops are Shared with Trade Skill-I
List of Tools & Equipment

Theory Room

Sl. No.	Name of the Tools/Equipment	Quantity
01	Single desks for trainees with arrangements of keeping Books etc.	20
02	Revolving Chairs without arms	20
03	Faculty Table & Chair set	01
04	Computer set with UPS (Latest Version)	01
05	Interactive multimedia Board with accessories (Latest)	01
06	LCD projector	02
07	White Magnetic Board with Felt board & accessories	01
08	Display Board	02
09	Storage Almirah (Small)	01
10	Air Conditioner unit split type 2 Ton capacity with Stabilizer	01

Drafting/Cutting Room

Sl. No.	Name of the Tools/Equipment	Quantity
01	Drafting / Cutting Table 6'x4'	20
02	Drafting Stools Padded revolving type with adjustable seat height	20
04	Scissors Pattern Cutting	20
05	Steel Almirah	01
06	Chest of Drawers	01
07	White magnetic Board with felt Board & accessories	01
08	Display Board	02
09	L Scale Acrylic Curved	20
10	Leg Curve Scale	20
11	Hip Curve Scale	20
12	Awl (Poker)	20
13	Alphabet & Numeric letter Stencil	04
14	Pattern Weight	40
15	Pattern Notcher	05
16	Pattern Punch	05

17*	Tracing Wheel	20
18*	Measuring Tape 150 cm	20
19*	Straight Scale 60 cm	20
20*	Pattern Master	20
21*	French Curve	20
22*	Triangular Card Scale	20
23*	Arm hole curve	20
24	Dummy Child, Lady, Gents	02each
25	Manniquence Child, Lady, Gents	02each
26	Air Conditioner unit split 3 Ton capacity with Stabilizer	03
27.	PC Note Book / Lap Top (Latest Version)	01 per Unit
28.	Equipment Table	As per requirement
29.	Faculty Table	01
30.	Faculty Chair	01
31.	Vacuum Cleaner	01

- Note: 1. Items marked * (Sl. No. 17 to 23) may be given to the trainees in every session & will be treated as consumable.
2. Quantities of hand tools may be suitably changed as per number of trainees admitted.

Sewing Work shop

Sl. No.	Name of the Tools/Equipment	Quantity in numbers
01	Cutting Scissors 25 cm	20
02	Cutting Scissors 30 cm	05
03	Pinking Shears size 8"	02
04	Button Hole Scissors	02
05	Garment Hangers	20
06	C P G measuring Tape	02
07	Snips (Thread Cutter)	20
08	Thimble	20
09	Seam Rippers	20
10	Screw Driver Set (as per requirement)	05
11	Sewing Machine (Single Needle Lock Stitch with edge cutter)– Industrial type Imported Latest model (Equivalent to Juki/Brother Company)	20
12	Fusing Machine	01

13	Button Hole Machine	01
14	Button Sewing Machine	01
15	Multi Stitches Zig Zag Sewing Machine	01
16	Double Needle Split Bar Lock Stitch	01
17	Button Covering Machine	01
18	Over lock machine 3 Thread	01
19	Over Lock machine 5 Thread with gathering Attachment	01
20	Blind Hemming Machine	01
21	Double Needle Machine	01
22	Machines/attachments for Elastic insertion/Pin tucks/ Shirring /Picot & Fagotting /Pico or any other designer stitch	01 each as required
23	Embroidery Machine	01
24	Vacuum Pressing Table with steam generating system & Iron	02
25	Electric Steam Iron	02
26	Stain removing Gun	01
27	Operator Chair revolving type with adjustable height without arms	one for each Machine
28	Press Stand	02
29	Pressing Pad	02
30	Rubber Sheet for Pressing Table	04
31	Faculty Table & Chair set	01
32	Steel Almirah	02
33	Pigeon hole Almirah with 4 lockers & separate locking arrangements for trainees	06
34	Locks for the lockers	24
35	Show case for Display	02
36	Covered Notice Board	01
37	Covered Display Board	02
38	White Magnetic Board with Felt board & accessories	01
39	Wall Clock	01
40	Desk type Calculator	01
41	Air Conditioner unit split 2 Ton capacity with Stabilizer	03
43	Vacuum Cleaner	01
44	Equipment Table 3' X 2'	As per requirement
45	Lap top with internet facility	01 for each

		faculty
46	Mirror for Trial Room	03

Note:

- 1. Due to the rapid changes in the technologies frequent Modernization of equipments and technologies is necessary.*
- 2. Training Programmes for Staff should be organized in the new fields added in the curriculum for the proper implementation of the same.*
- 3. Experts from the Industry may be called for special lectures and demo's as and when required.*

APPAREL SECTOR/TRADE SKILL-II/CUTTING & SEWING