



GOVERNMENT OF INDIA

MINISTRY OF SKILL DEVELOPMENT & ENTREPRENEURSHIP  
DIRECTORATE GENERAL OF TRAINING

**COMPETENCY BASED CURRICULUM**

# **FASHION DESIGN & TECHNOLOGY**

(Duration: One Year)

**CRAFTSMEN TRAINING SCHEME (CTS)**

**NSQF LEVEL- 3.5**



**SECTOR – APPAREL**



Directorate General of Training

# FASHION DESIGN & TECHNOLOGY

(Non-Engineering Trade)

(Revised in March 2023)

Version: 2.0

**CRAFTSMEN TRAINING SCHEME (CTS)**

**NSQF LEVEL – 3.5**

Developed By

Ministry of Skill Development and Entrepreneurship  
Directorate General of Training

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## 1. COURSE INFORMATION

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During the one-year duration of “**Fashion Design & Technology**” trade a candidate is trained on Professional Skill, Professional Knowledge and Employability Skill related to job role. In this trade we encourage each and every student to access and nurture their own natural sense of flair and creativity. We also help them to know that how can they create new ideas, thoughts and also to execute them in real form. In addition to this a candidate is entrusted to undertake project work, extracurricular activities and on job training to build up confidence. The broad components covered under Professional Skill subject are as below: -

The broad professional skills covered as part of the skill training start with familiarization and identification of tools & sewing machine, sketches of female croquis and design using elements and principle of design in terms of dress. The trainees learn to draw texture and perform fabric rendering. Also develop motifs for various traditional embroideries and perform machine stitches to make different parts as per design. The content also covers different fabrics; designing through Corel draw and working on special effects are also part of the professional components in this part. The professional skill starts sketching different elements of garment. Develop different views of male & female croquis and develop designer wears based on draping techniques. Ensures quality and gets ideas about fashion merchandising and career prospect in the field. Finally, the trainees impart skill on designing fashion accessories as per latest trend.

The trainee also undergoes two weeks project work at the mid and end of the year which gives them more practical exposure and helps to build up confidence level.

### **2.1 GENERAL**

The Directorate General of Training (DGT) under Ministry of Skill Development & Entrepreneurship offers a range of vocational training courses catering to the need of different sectors of economy/ Labor market. The vocational training programmes are delivered under the aegis of Directorate General of Training (DGT). Craftsman Training Scheme (CTS) with variants and Apprenticeship Training Scheme (ATS) are two pioneer schemes of DGT for strengthening vocational training.

Fashion Design & Technology trade under CTS is one of the popular courses delivered nationwide through a network of ITIs. The course is of one-year duration. It mainly consists of Domain area and Core area. The Domain area (Trade Theory & Practical) imparts professional skills and knowledge, while the core area (Employability Skill) imparts requisite core skills, knowledge, and life skills. After passing out the training program, the trainee is awarded National Trade Certificate (NTC) by DGT which is recognized worldwide.

#### **Broadly candidates need to demonstrate that they are able to:**

- Read & interpret parameters/documentation, plan work, identify necessary materials and tools;
- Perform task with due consideration to safety rules, accident prevention regulations and environmental protection stipulations;
- Apply professional knowledge, core skills & employability skills while performing the job.
- Check the task/assembly as per drawing for functioning, identify and rectify errors in task.
- Document the parameters related to the task undertaken.

### **2.2 PROGRESSION PATHWAYS:**

- Can join industry as Craftsman and will progress further as Senior Craftsman, Supervisor and can rise up to the level of Manager.
- Can become Entrepreneur in the related field.
- Can join Apprenticeship programme in different types of industries leading to National Apprenticeship certificate (NAC).
- Can join Crafts Instructor Training Scheme (CITS) in the trade for becoming instructor in ITIs.
- Can join advanced Diploma (Vocational) courses under DGT as applicable.

## 2.3 COURSE STRUCTURE:

Table below depicts the distribution of training hours across various course elements during a period of one-year: -

| S No. | Course Element                        | Notional Training Hours |
|-------|---------------------------------------|-------------------------|
| 1.    | Professional Skill (Trade Practical)  | 840                     |
| 2.    | Professional Knowledge (Trade Theory) | 240                     |
| 3.    | Employability Skills                  | 120                     |
|       | <b>Total</b>                          | <b>1200</b>             |

Every year 150 hours of mandatory OJT (On the Job Training) at nearby industry, wherever not available then group project is mandatory.

|    |                                                                                                           |     |
|----|-----------------------------------------------------------------------------------------------------------|-----|
| 4. | On the Job Training (OJT) / Group Project                                                                 | 150 |
| 5. | Optional Courses (10th/ 12th class certificate along with ITI certification or add on short term courses) | 240 |

Trainees of one-year or two-year trade can also opt for optional courses of up to 240 hours in each year for 10th/ 12th class certificate along with ITI certification, or, add on short term courses

## 2.4 ASSESSMENT & CERTIFICATION

The trainee will be tested for his skill, knowledge and attitude during the period of course through formative assessment and at the end of the training programme through summative assessment as notified by the DGT from time to time.

a) The **Continuous Assessment** (Internal) during the period of training will be done by **Formative Assessment Method** by testing for assessment criteria listed against learning outcomes. The training institute has to maintain an individual trainee portfolio as detailed in assessment guideline. The marks of internal assessment will be as per the formative assessment template provided on [www.bharatskills.gov.in](http://www.bharatskills.gov.in)

b) The final assessment will be in the form of summative assessment. The All India Trade Test for awarding NTC will be conducted by Controller of examinations, DGT as per the guidelines. The pattern and marking structure is being notified by DGT from time to time. **The learning outcome and assessment criteria will be the basis for setting question papers for final assessment. The examiner during final examination will also check the individual trainee's profile as detailed in assessment guideline before giving marks for practical examination.**

### 2.4.1 PASS REGULATION

For the purposes of determining the overall result, weightage of 100% is applied for six months and one-year duration courses and 50% weightage is applied to each examination for two years courses. The minimum pass percent for Trade Practical and Formative assessment is 60% & for all other subjects is 33%.

### 2.4.2 ASSESSMENT GUIDELINE

Appropriate arrangements should be made to ensure that there will be no artificial barriers to assessment. The nature of special needs should be taken into account while undertaking the assessment. Due consideration should be given while assessing for teamwork, avoidance/reduction of scrap/wastage and disposal of scrap/waste as per procedure, behavioral attitude, sensitivity to the environment and regularity in training. The sensitivity towards OSHE and self-learning attitude are to be considered while assessing competency.

Assessment will be evidence based comprising some of the the following:

- Job carried out in labs/workshop
- Record book/ daily diary
- Answer sheet of assessment
- Viva-voce
- Progress chart
- Attendance and punctuality
- Assignment
- Project work
- Computer based multiple choice question examination
- Practical Examination

Evidences and records of internal (Formative) assessments are to be preserved until forthcoming examination for audit and verification by examining body. The following marking pattern to be adopted for formative assessment:

| Performance Level                                                  | Evidence |
|--------------------------------------------------------------------|----------|
| (a) Marks in the range of 60%-75% to be allotted during assessment |          |

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For performance in this grade, the candidate should produce work which demonstrates attainment of an acceptable standard of craftsmanship with occasional guidance, and due regard for safety procedures and practices                               | <ul style="list-style-type: none"> <li>● Demonstration of good skills and accuracy in the field of work/ assignments.</li> <li>● A fairly good level of neatness and consistency to accomplish job activities.</li> <li>● Occasional support in completing the task/ job.</li> </ul> |
| <b>(b) Marks in the range of 75%-90% to be allotted during assessment</b>                                                                                                                                                                            |                                                                                                                                                                                                                                                                                      |
| For this grade, a candidate should produce work which demonstrates attainment of a reasonable standard of craftsmanship, with little guidance, and regard for safety procedures and practices                                                        | <ul style="list-style-type: none"> <li>● Good skill levels and accuracy in the field of work/ assignments.</li> <li>● A good level of neatness and consistency to accomplish job activities.</li> <li>● Little support in completing the task/job.</li> </ul>                        |
| <b>(c) Marks in the range of more than 90% to be allotted during assessment</b>                                                                                                                                                                      |                                                                                                                                                                                                                                                                                      |
| For performance in this grade, the candidate, with minimal or no support in organization and execution and with due regard for safety procedures and practices, has produced work which demonstrates attainment of a high standard of craftsmanship. | <ul style="list-style-type: none"> <li>● High skill levels and accuracy in the field of work/ assignments.</li> <li>● A high level of neatness and consistency to accomplish job activities.</li> <li>● Minimal or no support in completing the task/ job.</li> </ul>                |

### 3. JOB ROLE

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**Designer; Pattern Maker (Garments)** develops, designs and makes pattern for new styles of men's, women's and children's garments. Studies existing styles, develops new ideas and draws out full scale drawing of garments on paper. Marks and cuts out paper patterns of different parts of garments. Gets cloth cut according to paper patterns and gets sample garment stitched as required. Tries garment on model and makes changes in pattern, if necessary. May make specifications and supervise production.

#### Reference NCO-2015:

- i) 7532.0100 - Designer; Pattern Maker

#### Reference NOS:

- i) AMH/N1204
- ii) AMH/N0103
- iii) AMH/N1010
- iv) AMH/N1211
- v) AMH/N1201
- vi) AMH/N1947
- vii) AMH/N9403
- viii) AMH/N1948
- ix) AMH/N1203
- x) AMH/N9404

## 4. GENERAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name of the Trade</b>                         | <b>FASHION DESIGN &amp; TECHNOLOGY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Trade Code</b>                                | DGT/1026                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>NCO - 2015</b>                                | 7532.0100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>NOS Covered</b>                               | AMH/N1204, AMH/N0103, AMH/N1010, AMH/N1211, AMH/N1201, AMH/N9403, AMH/N1947, AMH/N1948, AMH/N1203, AMH/N9404                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>NSQF Level</b>                                | Level – 3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Duration of Craftsmen Training</b>            | One year (1200 Hours + 150 hours OJT/Group Project))                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Minimum Age</b>                               | 14 years as on first day of academic session.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Entry Qualification</b>                       | Passed 10 <sup>th</sup> class examination                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Eligibility for PwD</b>                       | LD, CP, LC, DW, AA, LV, DEAF, HH, AUTISM, ID, SLD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Unit Strength (No. of Student)</b>            | 24 (There is no separate provision of supernumerary seats)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Space Norms</b>                               | 64 sq. m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Power Norms</b>                               | 5 KW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Instructors Qualification for</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>(i) Fashion Design &amp; Technology Trade</b> | <p>B.Voc./Degree (4 yrs duration) in fashion Designing/ Technology from UGC Recognized university with one year Experience in the relevant field</p> <p style="text-align: center;"><b>OR</b></p> <p>B.Voc./Degree (3 yrs duration) in fashion Designing/ Technology from UGC Recognized university with two year Experience in the relevant field</p> <p style="text-align: center;"><b>OR</b></p> <p>Three year Diploma in fashion Designing/ Technology/ CDDM from recognized board of education or relevant Advanced Diploma (Vocational) from DGT with Two Years' Experience.</p> <p style="text-align: center;"><b>OR</b></p> <p>NTC/NAC passed in Fashion design &amp; technology (earlier name of trade as "Fashion Technology" with three years' experience in the relevant field.</p> <p><b>Essential Qualification:</b><br/>Relevant Regular / RPL variants of National Craft Instructor Certificate (NCIC) under DGT.</p> <p><b>Note: Out of two Instructors required for the unit of 2(1+1), one must have Degree/Diploma and other must have</b></p> |

|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         | <b><i>NTC/NAC qualifications. However both of them must possess NCIC in any of its variants.</i></b>                                                                                                                                                                                                                                                                                                                   |
| <b>(ii) Employability Skill</b>         | <p>MBA/ BBA / Any Graduate/ Diploma in any discipline with Two years' experience with short term ToT Course in Employability Skills.</p> <p>(Must have studied English/ Communication Skills and Basic Computer at 12<sup>th</sup> / Diploma level and above)</p> <p style="text-align: center;"><b>OR</b></p> <p>Existing Social Studies Instructors in it is with short term ToT Course in Employability Skills.</p> |
| <b>(iii) Minimum age for Instructor</b> | 21 years                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>List of Tools and Equipment</b>      | As per Annexure – I                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                        |

## 5. LEARNING OUTCOME

***Learning outcomes are a reflection of total competencies of a trainee and assessment will be carried out as per the assessment criteria.***

### 5.1 LEARNING OUTCOMES (TRADE SPECIFIC)

1. Interpret and illustrate importance of Fashion designing following safety precautions (NOS: AMH/N1204, AMH/NO103)
2. Sketch fashion croquis of female and design garments with the help of elements using principles of design and color scheme. (NOS: AMH/N1204)
3. Drape, illustrate Fabric rendering and drawing texture. (NOS: AMH/N1204)
4. Apply surface ornamentation with embroidery. (NOS: AMH/N1010)
5. Apply basic Stitches, Seams and Edge finishes with operation on Sewing machine. (NOS: AMH/N1211)
6. Identify different Fibers and Fabrics along with Weaves and Knits. (NOS: AMH/N1201)
7. Create and Design Garments and Accessories in Corel Draw using tools and commands. (NOS: AMH/N9403)
8. Create Bodice Block Set & Patterns and construct samples of Design Details. (NOS: AMH/N1204)
9. Apply garment details in fashion illustration. (NOS: AMH/N1204)
10. Illustrate Male and Female wear on Croquis and develop designer Wears based on draping Technique/ sketches as per fashion & style. (NOS: AMH/N1204)
11. Analyse human anatomy with Eight Head theory and different types of body contour. (NOS: AMH/N1947)
12. Ensure the Quality of production. (NOS: AMH/N1948, AMH/NO103)
13. Analyse fashion merchandising, fashion scope and Career Prospect. (NOS: AMH/N1203) (NOS: AMH/N1201)
14. Create and Design Fashion accessories as per latest trend. (NOS: AMH/N9404)

## 6. ASSESSMENT CRITERIA

| LEARNING OUTCOMES                                                                                                                              | ASSESSMENT CRITERIA                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1. Interpret and illustrate importance of Fashion designing following safety precautions. (NOS:AMH/N1204, MH/N0103)                            | Appraise the importance of Fashion Designing in socio economic point of view.                                        |
|                                                                                                                                                | Identify the requirement of designing to modernize and also link it with our past eras with change of habit and use. |
|                                                                                                                                                | Compare and relate Fashion Designing with other industries.                                                          |
|                                                                                                                                                | Functional and operational knowledge of tools equipments and drawing materials and its operations.                   |
| 2. Sketch fashion croquis of female and design garments with the help of elements using principles of design and color scheme. (NOS:AMH/N1204) | Create a fashion Stick and Block Figure (10.5 & 12.5 heads).                                                         |
|                                                                                                                                                | Drape the designer wear on Female Croquis and show Optical illusions.                                                |
|                                                                                                                                                | Recognize the elements and principle of designing in Fashion Designing.                                              |
|                                                                                                                                                | Recognize and apply color sets (Warm & Cool) in designing.                                                           |
|                                                                                                                                                | Draw Geometrical, Abstract and Realistic shapes & forms.                                                             |
|                                                                                                                                                | Apply different techniques of free hand sketches to create designs.                                                  |
| 3. Drape, illustrate Fabric rendering and drawing texture. (NOS:AMH/N1204)                                                                     | Demonstrate basic Drape on Dress-form.                                                                               |
|                                                                                                                                                | Illustrate Rendering of different fabric and prints.                                                                 |
|                                                                                                                                                | Develop sketch of draped design with texture and rendering.                                                          |
| 4. Apply surface ornamentation with embroidery. (NOS: AMH/N1010)                                                                               | Appraise different types of surface ornamentation.                                                                   |
|                                                                                                                                                | Demonstrate different techniques of developing Motifs for various Traditional Embroideries.                          |
|                                                                                                                                                | Develop Decorative stitches (in context to contemporary stitches).                                                   |
| 5. Perform basic Stitches, Seams and Edge finishes with operation on Sewing machine. (NOS:AMH/N1211)                                           | Appraise and apply different types of Stitches, Seams and Edge finishes.                                             |
|                                                                                                                                                | Prepare Samples of Variations of Stitches, Seams and Edge                                                            |
|                                                                                                                                                | Finishing.                                                                                                           |
| 6. Identify different Fibers and Fabrics along with Weaves and Knits. (NOS:AMH/N1201)                                                          | Identify different kind of Fabrics and its composition.                                                              |
|                                                                                                                                                | Distinguish & draw the different types of Weaving.                                                                   |
|                                                                                                                                                | Make Sample of variations of Weaves and Knits.                                                                       |
| 7. Create and Design Garments and Accessories in Corel Draw                                                                                    | Demonstrate and apply different types of commands and tools.                                                         |

|                                                                                                                                                            |                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| using tools and commands.<br>(NOS: AMH/N9403)                                                                                                              | Illustrate and Draw Garment and Accessories design with the help of Corel Draw.                                       |
|                                                                                                                                                            |                                                                                                                       |
| 8. Create Bodice Block Set & Patterns and construct samples of Design Details.<br>(NOS: AMH/N1204)                                                         | Create Bodice, Sleeve, Collar and Skirt Block.                                                                        |
|                                                                                                                                                            | Draft, create patterns and make samples of variations of Sleeves and Collars.                                         |
|                                                                                                                                                            | Construct the Samples of Design Details like Elements of adding fullness/ shapes, Pockets, Plackets, Facing, Binding. |
|                                                                                                                                                            |                                                                                                                       |
| 9. Apply garment details in fashion illustration. (NOS:AMH/N1204)                                                                                          | Appraise and illustrate the garment details like neck lines, collars, sleeves, gathers, bow & tie, style lines etc.   |
|                                                                                                                                                            |                                                                                                                       |
| 10. Illustrate Male and Female wear on Croquis and develop designer Wears based on draping Technique/ sketches as per fashion & style.<br>(NOS: AMH/N1204) | Drape the Design on Dress-Form and Develop different Patterns.                                                        |
|                                                                                                                                                            | Cut and Stitch different Ladies Wear.                                                                                 |
|                                                                                                                                                            | Demonstrate variations of Drapes for Basic Bodice, Long dresses and skirts.                                           |
|                                                                                                                                                            | Develop the sketch of draped designs.                                                                                 |
|                                                                                                                                                            |                                                                                                                       |
| 11. Analyse human anatomy with eight head theory and different types of body contour.<br>(NOS:AMH/N1947)                                                   | Sketch Human body based on 8 Head Theory.                                                                             |
|                                                                                                                                                            | Distinguish types of human figure.                                                                                    |
|                                                                                                                                                            |                                                                                                                       |
| 12. Ensure Quality of production.<br>(NOS:AMH/N1948, AMH/NO103)                                                                                            | Appraise the Stages of Quality Control in production field.                                                           |
|                                                                                                                                                            | Prepare Quality Check Chart of any garment.                                                                           |
|                                                                                                                                                            |                                                                                                                       |
| 13. Analyse fashion merchandising, fashion scope and Career Prospect.<br>(NOS:AMH/N1203, AMH/N1201)                                                        | Prepare a Cost sheet, Spec. sheet & Tech-pack of developed design.                                                    |
|                                                                                                                                                            | Appraise latest trend following fashion shows, fairs, fashion trends etc.                                             |
|                                                                                                                                                            | Visit and analyze Production firms/houses and prepare report.                                                         |
|                                                                                                                                                            |                                                                                                                       |
| 14. Create and Design Fashion accessories as per latest trend.<br>(AMH/N9404)                                                                              | Appraise the connection Garments and Fashion Accessories.                                                             |
|                                                                                                                                                            | Design and develop different fashion accessories.                                                                     |
|                                                                                                                                                            |                                                                                                                       |

## 7. TRADE SYLLABUS

| SYLLABUS FOR FASHION DESIGN & TECHNOLOGY                  |                                                                                        |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DURATION: ONE YEAR                                        |                                                                                        |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Duration                                                  | Reference Learning Outcome                                                             | Professional Skills (Trade Practical)                                                                                                                                       | Professional Knowledge (Trade Theory)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Professional Skill 30Hrs;<br>Professional Knowledge 12Hrs | Interpret and illustrate importance of Fashion designing following safety precautions. | <ol style="list-style-type: none"> <li>1. Introduction and familiarization with the institute.</li> <li>2. Practice of sewing and practical exercises on sewing.</li> </ol> | <p>Introduction and familiarization with the institute.</p> <p>Importance of safety and general precaution.</p> <p>Safety precautions.</p> <p>Introduction to work ethics, Discipline.</p> <p>ERGONOMICS</p> <p>Tools &amp; Equipment measuring tools and Techniques</p> <p>Marking tools and Techniques</p> <p>cutting tools and Techniques</p> <p>pressing tools and Techniques</p> <p>Introduction to sewing machine &amp; its components.</p> <p>Basic part and attachment and Their applications.</p> <p>Classification of sewing machine, cutting machines, and finishing equipment and their applications.</p> <p>Defects and remedies</p> <p>Needles.</p> <p>Safe broken Needle</p> <p>disposable Policy Threads.</p> |
| Professional Skill 60 Hrs;<br>Professional                | Sketch fashion croque of female and Design                                             | <ol style="list-style-type: none"> <li>3. Free Hand Sketching of Different Types of Line.</li> <li>4. Line sketches in pencil &amp; ink.</li> </ol>                         | Brief idea about drawing tools and Techniques materials                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|                                                                |                                                                                 |                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Knowledge<br>18 Hrs                                            | Garments with the help of elements using principles of design and color scheme. | 5. Geometric construction of two dimensional geometric shapes and forms.                                                                                                                                                                                                                             | Elements of design.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                |                                                                                 | 6. Prepare chart only (color wheel, color scheme, grey scale, Tints and shades, gradation)                                                                                                                                                                                                           | Introduction to elements and principles of design.<br>Fundamentals and basics of color & color Theories and color scheme.<br>Understand concepts of design textures, shapes and forms.                                                                                                                                                                                                                                                                              |
|                                                                |                                                                                 | 7. Creation of Designs Using Elements and principles Of Design in terms of dress (through sketching)<br>8. Prepare sheets of optical illusions repeat pattern and composition.                                                                                                                       | Introduction to: Principles of Design.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Professional Skill 30Hrs;<br><br>Professional Knowledge 06 Hrs | Drape, illustrate Fabric rendering And drawing texture.                         | 9. Drawing Texture.<br><b>Fabric rendering</b> <ul style="list-style-type: none"> <li>● Plain cotton</li> <li>● Chiffon</li> <li>● Mesh/ net</li> <li>● Tissue</li> <li>● Brocade</li> <li>● Denim</li> <li>● Corduroy</li> <li>● Fabric rendering according to weight, fall and opacity.</li> </ul> | Selection of Dresses according to (age, occasion, climate, personality, age & sex).<br>Age group relation to design various categories of men's wear, women's wear, kids wear<br>Ready Made Garments Industry Introduction.<br>Basis of selection of readymade garment Merits.<br>Overview of garment mass Production Setup.<br>Precaution to be taken while working with different kinds of fabric.<br>Preparation of material before cutting, Draping of Garment. |

|                                                                 |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Professional Skill 60Hrs;<br><br>Professional Knowledge 18Hrs   | Apply surface ornamentation with embroidery.                                      | 10. Introduction to Basic hand and Machine stitches (Sample Making).<br>11. Temporary stitches.<br>12. Permanent stitches.<br>13. Decorative stitches (in context to contemporary stitches)<br>Flat Stitches<br>Looped stitches<br>Knotted stitches<br>Crossed stitches<br>Seams<br>Seam finishes.                                                                                                                     | Motifs (enlargement and reduction).<br>Sources of design inspiration & conceptualization optical illusion, silhouette.<br>Introduction to Hand Stitching.<br>Introduction to decorative stitches -<br>Flat Stitches<br>Looped stitches<br>Knotted stitches<br>Crossed stitches<br>Introduction to Seams & Seam Finishes.                                                                                                                                                                                                                                                                                                  |
| Professional Skill 120 Hrs;<br><br>Professional Knowledge 24Hrs | Perform basic Stitches, Seams and Edge finishes with operation of Sewing machine. | 14. Apply Fullness (Sample Making)<br>Darts<br>Pleats<br>Tucks<br>Gathers & Shirrs Frills<br>Godets<br>15. Sample Making of : Plackets & Openings Pockets<br>Facing Binding<br>16. Making draft and samples of Sleeves:<br>Plain Raglan Magyar Puff Bell<br>Petal Circular Batwing Collars:<br>Peter pan Shirt<br>Stand or Chinese Shawl<br>17. Sample Making of Fasteners:<br>Buttonholes Buttons<br>Snaps<br>Zippers | Introducing Fullness- Darts<br>Pleats Tucks Gathers & Shirrs Frills<br>Godets Introduction to -<br>Plackets & Openings Pockets Facing Binding.<br>Introduction to measurement. ISI Standards of measurements<br>Relationship of sizes & measurements methods of measuring body and dress form Measurement charts.<br>Introduction to paper pattern Definition.<br>Types- Flat Pattern and Draped pattern.<br>Importance Consideration while making paper pattern.<br>Introduction to Bodice Block.<br>Introduction to sleeve block.<br>Introduction to collar.<br>Introduction to skirt block.<br>Introduction to Draping |

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|                                                                   |                                                                           | <p>Hooks and Eyes Velcro<br/>Sample making of Trimmings.</p> <p>18. Sample making of neckline finishes. Sample making of Hems.</p>                                                                                                                                                                                           | <p>method for apparel Design.</p> <p><b>Theoretical Introduction to :</b></p> <p>Fasteners<br/>Trimmings Hems Necklines.<br/>Edge finishing<br/>Hems.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>Professional Skill 30Hrs;<br/>Professional Knowledge 12Hrs</p> | <p>Identify different Fibers and Fabrics along with Weaves and Knits.</p> | <p>19. Samples of Weaving Plain weave Twill weave Basket weave Sateen weave Rib weave Honey comb</p> <p>20. Prepare sample file and a survey report on different type of :- fabric, accessories and fusing<br/>Synthetic Woolen Worsted Sheer Silk Linen<br/>Pile fabrics Laces Buttons<br/>Braids Cords<br/>Fusing etc.</p> | <p>Textile fabric, Meaning and definition of textile fibers.<br/>Classification of fibers- natural fiber, manmade fibers.<br/>Characteristics/ properties of above mentioned fibers.<br/>Identification of textile fibers yarn construction.<br/>Elementary processing of different types of fiber to yarn. Characteristic of yarn.<br/>Twist Size count and count measuring system.<br/>Types of yarn- Simple Complex Fabric manufacturing Yarn preparation.<br/>Elementary weaving theory<br/>Fabricstructure-Woven, Knitted and non-woven.<br/>Introduction to Dyeing &amp; Printing.<br/>Introduction to knitting.<br/>Types of Knitted Fabric used in garment industry. Finishes. Mechanical.<br/>Chemical.<br/>Introduction and identification of Different type of:<br/>Cotton fabric Synthetic Woolen Sheer Silk Linen</p> |

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|                                                                 |                                                                                                                                    |                                                                                                                                                                                                        | Pile fabrics Laces Buttons<br>Braids Cords<br>Fusing etc.                                                                                                                                                                                                          |
| Professional Skill 30Hrs;<br><br>Professional Knowledge 06 Hrs  | Create and Design Garments and Accessories in Corel Draw using tools and commands.                                                 | 21. Introduction and designing through Corel Draw.<br>22. Practice on Tools.<br>23. Working with Shapes                                                                                                | Introduction and importance of designing through computers.<br>Use of Corel Draw in Design creation.<br>Tools Working with Shapes.                                                                                                                                 |
| Professional Skill 30Hrs;<br><br>Professional Knowledge 12Hrs   | Create Bodice Block Set & Patterns and construct samples of Design Details.                                                        | 24. Working with special effects.<br>25. Creating Fabric Designs.<br>26. Accessories Designing.                                                                                                        | Working with special effects :<br>Creating Fabric Designs<br>Creating Croquis<br>Rendering & Draping<br>Accessories Designing.                                                                                                                                     |
| Professional Skill 60Hrs;<br><br>Professional Knowledge 12Hrs   | Apply garment details in fashion illustration.                                                                                     | 27. Sketching of<br>a. Necklines<br>b. Collars<br>c. Sleeves<br>d. Yokes<br>e. Gathers<br>f. pleats<br>g. Bows and ties<br>h. Caps and hats<br>i. Pockets<br>j. cascades<br>k. Belts<br>l. Style lines | Rendering of different type of fabric-<br>Plain Checks Dotted Printed Stripped<br>Textured                                                                                                                                                                         |
| Professional Skill 120Hrs;<br><br>Professional Knowledge 48 Hrs | Illustrate Male and Female wear on Croquis and develop designer Wears based on draping Technique/ sketches as per fashion & style. | 28. Female Croquis<br>• Block figure<br>• Stick figure<br>29. Ready to Wear Collection Replication Variations Creation Construction.                                                                   | FASHION Drawings- Block Figure<br>Stick Figure Fleshing out<br>Draping-<br>Principles of draping<br>Methods of Draping Draping Techniques Contour Draping<br>Drape and draw 5 sketches of indo-western ladies wear as per Fashion and style.<br>Wardrobe planning. |

|                                                                 |                                                                                   |                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                 |                                                                                   |                                                                                                                                                                                                                                                                                                                                               | How to select and wear the dress? How to select color and pattern? To develop good taste in clothes? Dressing according to personality? Fashion and style?                                                                                                                                                                                  |
| Professional Skill 120Hrs;<br><br>Professional Knowledge 18 Hrs | Analyse human anatomy with Eight Head theory and different types of body contour. | 30. Cutting, stitching and finishing of frock.<br>31. Cutting stitching & finishing of night suit.<br>32. Practice of developing dress pattern from Draping Technique.<br>33. Basic Bodies (dart and princess line)<br>34. Basic Skirt (Straight and circular)<br>35. Drafting of ladies block pattern set (bodice sleeve, skirt and trouser) | Anatomy (in brief). Joints and muscles.<br>Growth and development.<br>Eight head theory.<br>Types of human figure.<br>Introduction To Kids Pattern, (Drafting, pattern making, estimation, and layout of the garments).<br>Child Bodice block and sleeve block with size variation<br>Skirt Block (Children)<br>Drafting Frock, night suit. |
| Professional Skill 30Hrs;<br><br>Professional Knowledge 12Hrs   | Ensure the Quality of production.                                                 | 36. Introduction to Quality assurance.<br>37. Quality Management.<br>38. Textile Testing and product.<br>39. Evaluation.<br>40. Quality Inspection.<br>41. Care Labelling of apparels.<br>42. Checking of garment with respect to measurement and stitching.                                                                                  | Care and storage wash care symbols.<br>Introduction to Quality control and quality assurance.<br>Stain removal. Immediate repairing.                                                                                                                                                                                                        |
| Professional Skill 90Hrs;<br><br>Professional Knowledge 30Hrs   | Analyse fashion merchandising, fashion scope and Career Prospect.                 | 43. Preparation and designing of Tech pack Cost sheet.                                                                                                                                                                                                                                                                                        | Career in fashion. Fashion designer.<br>Auxiliary Service in Fashion Design.<br>Fashion Design Technician.<br>Education.<br>Industry.<br>Meaning and scope of                                                                                                                                                                               |

|                                                                                                                                                                   |                                                            |                                                                                                                                                  |                                                                                                                                                                                  |
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|                                                                                                                                                                   |                                                            |                                                                                                                                                  | business<br>Introduction to Fashion merchandising.                                                                                                                               |
|                                                                                                                                                                   |                                                            | 44. Assignment Report based on: fashion trend trade fairs, fashion show, boutique, Garment production unit. Apparel Retail Channels.             | Brief knowledge of fashion trend, trade fairs, fashion show, boutique, garment production unit<br>Study of fashion Fraternity. Leading Fashion Designers. Textile Designers.     |
| Professional Skill 30Hrs;<br>Professional Knowledge 12Hrs                                                                                                         | Create and Design Fashion accessories as per latest trend. | 45. Design and creating of fashion accessories<br>Head Gears<br>Scarf<br>Fashion Jewellery Tie and Bow Belts<br>Bows Bag and Purses Hand Gloves. | Introduction to trims and accessories for fashion industry.<br>Fashion accessories– Head Gears, Scarf<br>Fashion Jewellery Tie and Bow Belts<br>Bows Bag and Purses Hand Gloves. |
| <b>Project work:</b><br>As per latest trend based on Indo western Design -<br>Development client, material, latest trend research and exploration with one theme. |                                                            |                                                                                                                                                  |                                                                                                                                                                                  |
|                                                                                                                                                                   |                                                            |                                                                                                                                                  |                                                                                                                                                                                  |

## SYLLABUS FOR CORE SKILLS

1. Employability Skills (Common for all trades) (120Hrs.)

Learning outcomes, assessment criteria, syllabus and Tool List of Core Skills subjects which is common for a group of trades, provided separately in [www.bharatskills.gov.in/](http://www.bharatskills.gov.in/) dgt.gov.in

| List of Tools & Equipment                                     |                                                    |                                                            |             |
|---------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------|-------------|
| FASHION DESIGN & TECHNOLOGY (For batch of 24 candidates)      |                                                    |                                                            |             |
| S No.                                                         | Name of the Tool & Equipment                       | Specification                                              | Quantity    |
| <b>A. SKETCHING LABORATORY</b>                                |                                                    |                                                            |             |
| 1.                                                            | Drawing Table                                      | With adjustable top. Desk having facility of keeping tools | 24+1 Nos.   |
| 2.                                                            | Revolving Chair                                    | with adjustable height & back support                      | 24+1 Nos.   |
| 3.                                                            | Faculty Table & Chair set                          |                                                            | 1 No.       |
| 4.                                                            | Storage Almira                                     |                                                            | 1 No.       |
| 5.                                                            | Adjustable Set square                              |                                                            | 24+1 Nos.   |
| 6.                                                            | Dress forms (dummies)                              | Children<br>Ladies<br>Gents                                | 1 Each.     |
| <b>B. THEORY ROOM</b>                                         |                                                    |                                                            |             |
| 7.                                                            | Single desks for trainees                          | With arrangements of keeping Books etc.                    | 24 Nos.     |
| 8.                                                            | Revolving Chairs without arms                      |                                                            | 24 Nos.     |
| 9.                                                            | Faculty Table & Chair set                          |                                                            | 1 No.       |
| 10.                                                           | Computer set with UPS & multimedia projector       |                                                            | 1 No.       |
| 11.                                                           | White Magnetic Board with Felt board & accessories |                                                            | 1 No.       |
| 12.                                                           | Book Shelf                                         |                                                            | 1 No.       |
| <b>C. DRAFTING/CUTTING /SEWING ROOM TOOLS &amp; EQUIPMENT</b> |                                                    |                                                            |             |
| 13.                                                           | Scissors                                           | 25 cm                                                      | 24+1 Nos.   |
| 14.                                                           | Pinking Shears                                     |                                                            | 5 Nos.      |
| 15.                                                           | Tailors Square                                     |                                                            | 24+1 Nos.   |
| 16.                                                           | Leg Shaper                                         |                                                            | 24+1 Nos.   |
| 17.                                                           | Garment Hangers                                    |                                                            | 24+1 Nos.   |
| 18.                                                           | Screw Driver Set                                   |                                                            | 4 Nos.      |
| 19.                                                           | Pressing Table                                     |                                                            | 4 Nos.      |
| 20.                                                           | Blanket for padding of Pressing Table              |                                                            | 4 Nos.      |
| 21.                                                           | Pattern Punch                                      |                                                            | 4 Nos.      |
| 22.                                                           | Pattern Notcher                                    |                                                            | 4 Nos.      |
| 23.                                                           | Pattern Hanging Stand                              |                                                            | 4 Nos.      |
| 24.                                                           | Water Tub                                          | 60 cm dia.                                                 | As required |
| 25.                                                           | Stand for hanging dresses                          |                                                            | 5 Nos.      |
| 26.                                                           | Electric Automatic steam press                     |                                                            | 4 Nos.      |

|                               |                                                                               |                      |           |
|-------------------------------|-------------------------------------------------------------------------------|----------------------|-----------|
| 27.                           | Sewing Machine - Single Needle Lock stitch Industrial model                   |                      | 24+1 Nos. |
| 28.                           | Over Lock Machine                                                             | 3 Thread             | 1 No.     |
| 29.                           | Chairs with low back rest or stools for the machines                          | One for each machine | 24+1 Nos. |
| 30.                           | Drafting table                                                                |                      | 10Nos.    |
| 31.                           | Display board covered with glass or acrylic sheet                             | 120 x 90cm           | 2 Nos.    |
| 32.                           | Instructor Table                                                              |                      | 1 No.     |
| 33.                           | Instructor Chair                                                              |                      | 1 Nos.    |
| 34.                           | Steel Almirah                                                                 | 195 x 90 x 60 cm     | 1 Nos.    |
| 35.                           | Dummy                                                                         | Lady                 | 2 Nos.    |
| 36.                           | Mannequins                                                                    | lady                 | 2 Nos.    |
| <b>D. COMPUTER LABORATORY</b> |                                                                               |                      |           |
| 37.                           | Shared with other IT Lab with required configuration for software(corel draw) |                      | .         |
| 38.                           | Designing Software Coral Draw                                                 | Latest Version       | 2 Nos.    |
| 39.                           | Antivirus Software                                                            |                      | 24+1 Nos. |
| 40.                           | Multi-functional A4 color Printer with trolley /table                         | A4                   | 1 No.     |
| 41.                           | LCD Projector                                                                 |                      | 1 No.     |
| 42.                           | Vacuum Cleaner                                                                |                      | 1 No.     |
| 43.                           | Trainer's Table & Chair                                                       |                      | 1set      |

The DGT sincerely acknowledges contributions of the Industries, State Directorates, Trade Experts, Domain Experts, trainers of ITIs, NSTIs, faculties from universities and all others who contributed in revising the curriculum.

Special acknowledgement is extended by DGT to the following expert members who had contributed immensely in this curriculum.

| <b>List of Expert members participated for finalizing the course curriculum of Fashion Design &amp; Technology trade.</b> |                                                                             |                                                                                               |                |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------|
| <b>S No.</b>                                                                                                              | <b>Name &amp; Designation<br/>Shri/Mr./Ms.</b>                              | <b>Organization</b>                                                                           | <b>Remarks</b> |
| 1.                                                                                                                        | Dr. Darlie Koshy<br>Director General and CEO                                | IAM & ATDC, Apparel Export<br>Promotion Council, Gurgaon                                      | Chairman       |
| 2.                                                                                                                        | S. Venkatesh, Head HR &<br>Admin                                            | Raymond                                                                                       | Member         |
| 3.                                                                                                                        | Sanjeev Mohanty, Managing<br>Director                                       | Bennetton India Pvt. Ltd.,<br>Gurgaon                                                         | Member         |
| 4.                                                                                                                        | Animesh Saxena                                                              | UdyogVihar Industries<br>Association, Gurgaon B-40,<br>Phase 5, UdyogVihar Gurgaon-<br>122017 | Member         |
| 5.                                                                                                                        | Arindam Das                                                                 | National Institute of Fashion<br>Technology, New Delhi                                        | Member         |
| 6.                                                                                                                        | Dr. Kushal Sen Professor                                                    | D/o Textile Technology IIT Delhi                                                              | Member         |
| 7.                                                                                                                        | Bhattacharya. G HOD Textiles<br>Department                                  | Institute for Textile Technology,<br>CHOUDWAR                                                 | Member         |
| 8.                                                                                                                        | Ms. Poonam Thakur, Professor<br>& Academic Head                             | NIIFT, Mohali                                                                                 | Member         |
| 9.                                                                                                                        | L.N. Meena, Lecturer                                                        | Arya Bhatt Polytechnic, Delhi                                                                 | Member         |
| 10.                                                                                                                       | Prabhas Kashyap , General<br>Manager-Planning &<br>Production Co-ordination | Gokaldas Export Ltd., Bangalore                                                               | Member         |
| 11.                                                                                                                       | Bishwanath Ganguly                                                          | Madura Fashion & Retail, Aditya<br>Birla Centre for Retail Excellence (A<br>B C R E)          | Member         |
| 12.                                                                                                                       | K.N. Chatterjee, HOD Fashion<br>and Apparel Engineering                     | THE TECHNOLOGICAL INST. OF<br>TEXTILE & SCIENCES, Bhiwani,<br>Haryana, INDIA-127021.          | Member         |
| 13.                                                                                                                       | Tapas Kumar Adhikari,                                                       | Reliance Industries Ltd.                                                                      | Member         |

|                   |                                     |                                                              |                        |
|-------------------|-------------------------------------|--------------------------------------------------------------|------------------------|
|                   | Sr. Manager                         |                                                              |                        |
| 14.               | VikasVerma,<br>Asst. Vice President | Welspun India Ltd.                                           | Member                 |
| 15.               | NavjotWalia, Vice President         | Maral Overseas Ltd., Noida                                   | Member                 |
| 16.               | Rajeev Mehani, Vice President       | Vardhaman Textiles                                           | Member                 |
| <b>Mentor</b>     |                                     |                                                              |                        |
| 17.               | R.P. Dhingra, Director (P)          | DGT                                                          | Mentor                 |
| <b>Core Group</b> |                                     |                                                              |                        |
| 18.               | Nirmalya Nath, ADT                  | CSTARI, Kolkata                                              | Coordinator            |
| 19.               | Renuka Tiwari, TO                   | RVTI, Kolkata                                                | Member                 |
| 20.               | Gopal Biswas, Instructor            | Govt. ITI for Physically Challenged<br>Boys & Girls, Kolkata | Member                 |
| 21.               | Haradhan Das, TO                    | CSTARI, Kolkata                                              | Member                 |
| 22.               | Subhankar Bhowmik, DPA Gr.B         | NIMI, Chennai                                                | NIMI<br>Representative |
| 23.               | Rajendra Kumar, JDT(WT)             | DGT                                                          | Member                 |
| 24.               | D. Shanthi, ADT                     | RVTI, Trivendrum                                             | Member                 |
| 25.               | AbhaRastogi, TO                     | RVTI, Panipat                                                | Member                 |
| 26.               | Chitra, TO                          | RVTI, Panipat                                                | Member                 |
| 27.               | Rinku Soni, TO                      | RVTI, Jaipur                                                 | Member                 |
| 28.               | Babita, TO                          | NVTI, Noida                                                  | Member                 |
| 29.               | Bhagyashree, TO                     | RVTI, Indore                                                 | Member                 |
| 30.               | L. R. Ramesh Babu, TO               | RVTI, Trivendrum                                             | Member                 |
| 31.               | S.S. Meena, TO                      | NVTI, Noida                                                  | Member                 |
| 32.               | Bhavin Kumar M. Solanki             | ITI, Jambughoda,Gujarat                                      | Member                 |
| 33.               | Divya, TO                           | RVTI, Bangalore                                              | Member                 |

### **ABBREVIATIONS**

|      |                                                    |
|------|----------------------------------------------------|
| CTS  | Craftsmen Training Scheme                          |
| ATS  | Apprentice ship Training Scheme                    |
| CITS | Craft Instructor Training Scheme                   |
| DGT  | Directorate General of Training                    |
| MSDE | Ministry of Skill Development and Entrepreneurship |
| NTC  | National Trade Certificate                         |
| NAC  | National Apprenticeship Certificate                |
| NCIC | National Craft Instructor Certificate              |
| LD   | Locomotor Disability                               |
| CP   | Cerebral Palsy                                     |
| MD   | Multiple Disabilities                              |
| LV   | Low Vision                                         |
| HH   | Hard of Hearing                                    |
| ID   | Intellectual Disabilities                          |
| LC   | Leprosy Cured                                      |
| SLD  | Specific Learning Disabilities                     |
| DW   | Dwarfism                                           |
| MI   | Mental Illness                                     |
| AA   | Acid Attack                                        |
| PwD  | Person with disabilities                           |

