

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****INDEX**

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**TEXTILES COMMITTEE**Infrastructure Requirements for
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under Samarth****Course Name: Circular Knitting Machine Operator****Course Code: TC KNT 01****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

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- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Circular Knitting Machine:- Machine to Trainee 1:10

C) Accessories/ Ancillaries Required:

1. Yarn Cones for Creeling
2. Spares and Needles
3. Drawing in hooks
4. Tool Kits
5. Nose masks for each trainee
6. Hip bags for collecting waste for each trainee
7. Trolley for material handling
8. Empty fabric roll

D) Space Requirement for Machines:

Sufficient space to work safely on the Circular Knitting Machine along with all the accessories as mentioned.

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under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio of Trainer to trainee 1:30)**

- Degree / minimum two years Diploma in textile technology/Knitting technology
- Industrial experience in a knitting plant / educational institute preferably for a minimum of 2 years.
- Knowledge of knits structures
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio of Training Assistant to trainee 1:10)

- Minimum 10th Passed
- Minimum 5 years of experience as an operator on circular knitting machine
- Conversant with basic operation / maintenance of the circular knitting machine (Experience of training the apprentices is desirable)
- Ability to communicate in local language
- Good communication skill
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
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under Samarth****Course Name: Warp Knitting Machine Operator****Course Code: TC KNT 02****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

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- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Warp Knitting Machine:- Machine to trainee 1:15

C) Accessories/ Ancillaries Required:

1. Yarn Cones/beams for Creeling
2. Spares and Needles
3. Drawing in hooks
4. Tool Kits
5. Nose masks for each trainee
6. Hip bags for collecting waste for each trainee
7. Trolley for material handling
8. Empty fabric roll

D) Space Requirement for Machines:

Sufficient space to work safely on the Warp knitting Machine along with all the accessories as mentioned.

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under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio of Trainer to trainee 1:30)**

- Degree / minimum two years Diploma in textile technology/Knitting technology
- Industrial experience in a knitting plant / educational institute preferably for a minimum of 2 years
- Knowledge of knits structures
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- 10th Passed
- Minimum 5 years of experience as an operator on circular knitting machine
- Conversant with basic operation / maintenance of the circular knitting machine (Experience of training the apprentices is desirable)
- Ability to communicate in local language
- Good communication skill
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
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under Samarth****Course Name: Knitting Machine Operator – Flat Bed Knitting**
Course Code: TSC/Q4102**A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

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- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - d) On Institute building prominently displaying institute name and scheme name (Samarth).
 - e) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - f) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Flat Bed Knitting Machine:- Machine to trainee 1:15

C) Accessories/ Ancillaries Required:

1. Yarn Cones/roll/beams for Creeling
2. Spares and Needles
3. Drawing in hooks
4. Tool Kits
5. Nose masks for each trainee
6. Hip bags for collecting waste for each trainee
7. Trolley for material handling
8. Empty fabric roll

D) Space Requirement for Machines:

Sufficient space to work safely on the Flat Bed Knitting Machine and to utilize all the accessories as mentioned.

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- Degree / minimum two years Diploma in Textile Technology/Knitting Technology/Industrial experience in a knitting plant / educational institute preferably for a minimum of 2 years
- Knowledge of knits structures
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- 10th Passed
- Minimum 5 years of experience as an operator on Flat Bed Knitting Machine
- Conversant with basic operation / maintenance of the Flat Bed Knitting Machine (Experience of training the apprentices is desirable)
- Ability to communicate in local language
- Good communication skill
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
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under Samarth****Course Name: HTHP Cheese Dyeing Machine Operator****Course Code: TC PRC 01****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. HT-HP Cheese Dyeing machine:- Machine to Trainee ratio 1:15
2. One crane for shifting bobbin carrier
3. Hydro extractor (Desirable):- Machine to Trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Helmets for each trainee
2. Aprons for each trainee
3. Gloves for each trainee
4. Gum Boots for each trainee
5. Chemical Mixing Tanks
6. Stirrers
7. Weighing Balance
8. Soft Package Cheese
9. Colour Matching spectrometer and computer
10. Chemicals and auxiliaries
11. Dyes
12. Trolleys for material movement
13. Boiler
14. Facility for discharging trade effluent to collection tank of ETP (Desirable)
15. Effluent treatment plant (Desirable)

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Sufficient space to work safely on the HTHP Cheese Dyeing Machine along with all the accessories as mentioned.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/Minimum three years Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill/ Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge on importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in HT-HP Cheese Dyeing Machine
- Conversant with Dyeing of yarn in cheese/cone form in HT-HP Dyeing Machine and about the chemicals & Dyes used for Dyeing
- Conversant with the process parameters and operational criteria in HT-HP cheese Dyeing machine
- Knowledge about trade effluent in dyeing and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

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under Samarth****Course Name: Singeing Machine Operator****Course Code: TC PRC 02****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Fabric Singeing Machine:- Machine to trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Nose masks for each trainee
3. Singeing Elements-either electrical or Gas
4. Trolleys for material movement

D) Space Requirement for Machines:

Sufficient space to work safely on the Fabric Singeing Machine along with all the accessories as mentioned.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- Degree /Minimum three years Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing

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- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of Singeing Process
- Knowledge of utilities used in Wet processing
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Fabric singeing Machine
- Conversant with the operations of Fabric singeing machine
- Conversant with the process parameters and operational criteria in Fabric Singeing machine
- Knowledge of handling LPG Bullets.
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

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under Samarth****Course Name: Desizing Machine Operator****Course Code: TC PRC 03****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

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17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Fabric Desizing Machine:- Machine to trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Gum Boots for each trainee
4. Chemical Mixing Tanks
5. Stirrers
6. Weighing Balance
7. Inspection table
8. Chemicals and auxiliaries
9. Trolleys for material movement
10. Facility for discharging trade effluent to collection tank of ETP (Desirable)
11. Effluent treatment plant (Desirable)

D) Space Requirement for Machines:

Sufficient space to work safely on Fabric Desizing Machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three years Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of desizing process.
- Knowledge of utilities used in Wet processing
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Desizing Machine
- Conversant with the operations of Desizing machine and about the chemicals used for Desizing
- Conversant with the process parameters and operational criteria in Desizing machine
- Knowledge about trade effluent in Desizing and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Continuous Bleaching Range Machine Operator****Course Code: TC PRC 04****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

1. Continuous Bleaching Range

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Gum Boots for each trainee
4. Chemical Mixing Tanks
5. Stirrers
6. Weighing Balance
7. Inspection table
8. Chemicals and auxiliaries
9. Trolleys for material movement
10. Boiler
11. Facility for discharging trade effluent to collection tank of ETP (Desirable)
12. Effluent treatment plant (Desirable)

D) Space Requirement for Machines:

Sufficient space to work safely on Continuous Bleaching Range Machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three years Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of bleaching process.
- Knowledge of utilities used in Wet processing
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed
- Minimum 5 years of experience as an operator in Continuous Bleaching Range Machine
- Conversant with the operations of Continues Bleaching Range and about the chemicals used for Fabric bleaching
- Conversant with the process parameters and operational criteria in Continues Bleaching Range.
- Knowledge about trade effluent generated and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Mercerizing Machine Operator****Course Code: TC PRC 05****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
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under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Fabric Mercerizing Machine:- (Machine to Trainee ratio 1:30)

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Gum Boots for each trainee
4. Chemical Mixing Tanks
5. boiler
6. Stirrers
7. Weighing Balance
8. Inspection table
9. Chemicals and auxiliaries
10. Trolleys for material movement
11. Facility for discharging trade effluent to collection tank of ETP (Desirable)
12. Effluent treatment plant (Desirable)

D) Space Requirement for Machines:

Sufficient space to work safely the Fabric Mercerising Machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Fabric Mercerising Machine
- Conversant with the operations of Fabric Mercerising machine and about the chemicals used for Fabric Mercerising
- Conversant with the process parameters and operational criteria in Fabric Mercerising machine
- Knowledge about trade effluent in Mercerisation and it's disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Jigger Machine Operator****Course Code: TC PRC 06****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.



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18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Jigger Machine of any type like Jumbo or hooded etc: (Machine to Trainee ratio 1:30)

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Gum Boots for each trainee
4. Chemical Mixing Tanks
5. Stirrers
6. Weighing Balance
7. Inspection table
8. Colour Matching spectrometer and computer
9. Chemicals and auxiliaries
10. Dyes
11. Trolleys for material movement
12. Boiler
13. Facility for discharging trade effluent to collection tank of ETP (Desirable)
14. Effluent treatment plant (Desirable)

D) Space Requirement for Machines:

Sufficient space to work safely the Jigger Machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of dyeing process.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Jigger dyeing Machine
- Conversant with the operations of Jigger dyeing and about the Dyes & chemicals used for dyeing
- Basic Knowledge about woven fabric and it's properties
- Conversant with the process parameters and operational criteria in Jigger dyeing.
- Knowledge about trade effluent generated and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Stenter Machine Operator****Course Code: TC PRC 07****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Stenter Machine:- Machine to Trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Gum Boots for each trainee
4. Chemical Mixing Tanks
5. Stirrers
6. Weighing Balance
7. Boiler/Thermopack
8. Inspection table
9. Chemicals and auxiliaries
10. Trolleys for material movement

D) Space Requirement for Machines:

Sufficient space to work safely on Stenter Machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of stentering process.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Stenter Machine
- Conversant with the operations of Stenter machine and about Thermopack
- Basic Knowledge about Woven fabric and it's properties
- Conversant with the process parameters and operational criteria of a Stenter Machine
- Knowledge about dimensional stability of fabric
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Calendaring Machine Operator****Course Code: TC PRC 08****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Calendaring Machine (Machine to Trainee ratio 1:30)

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Weighing Balance
4. Boiler
5. Inspection table
6. Trolley for material handling

D) Space Requirement for Machines:

Sufficient space to work safely on Calendaring Machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of calendaring process.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in calendaring machine.
- Conversant with the technology involved in operating calendaring machine
- Conversant with the operational criteria to be followed in calendaring machine operations.
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Zero-Zero Finishing Machine Operator****Course Code: TC PRC 09****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Zero Zero Finishing Machine:- Machine to Trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Boiler
4. Inspection table
5. Chemicals and auxiliaries
6. Trolleys for material movement

D) Space Requirement for Machines:

Sufficient space to work safely on Zero Zero Finishing Machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of zero zero finishing.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Zero-zero finishing machine.
- Conversant with the operations of Zero-zero finishing
- Knowledge about pre shrinking of fabric
- Conversant with the process parameters and operational criteria of a Zero-zero finishing machine
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Winch Dyeing Machine Operator****Course Code: TC PRC 10****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Winch Dyeing Machine:- Machine to Trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Gum Boots for each trainee
4. Chemical Mixing Tanks
5. Stirrers
6. Weighing Balance
7. Inspection table
8. Colour Matching spectrometer and computer
9. Chemicals and auxiliaries
10. Dyes
11. Trolleys for material movement
12. Boiler
13. Facility for discharging trade effluent to collection tank of ETP (Desirable)
14. Effluent treatment plant (Desirable)

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space to work safely on Winch Dyeing Machine along with all the accessories as mentioned.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of dyeing.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Winch dyeing Machine
- Conversant with the operations of Winch dyeing and about the Dyes & chemicals used
- Basic Knowledge about knitted fabric and it's properties
- Conversant with the process parameters and operational criteria in Winch dyeing
- Knowledge about trade effluent generated and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Soft Flow Dyeing Machine Operator****Course Code: TC PRC 11****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Soft Flow Dyeing Machine: Machine to Trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Gum Boots for each trainee
4. Chemical Mixing Tanks
5. Stirrers
6. Weighing Balance
7. Inspection table
8. Colour Matching spectrometer and computer
9. Chemicals and auxillaries
10. Dyes
11. Trolleys for material movement
12. Boiler
13. Facility for discharging trade effluent to collection tank of ETP (Desirable)
14. Effluent treatment plant (Desirable)

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space to work safely on Soft Flow Dyeing Machine along with all the accessories as mentioned.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of dyeing process.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed
- Minimum 5 years of experience as an operator in Soft Flow dyeing Machine
- Conversant with the operations of Soft Flow dyeing and about the Dyes & chemicals used for dyeing
- Basic Knowledge about knitted fabric and it's properties
- Conversant with the process parameters and operational criteria in Soft Flow dyeing
- Knowledge about trade effluent generated and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Compacting Machine Operator****Course Code: TC PRC 12****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Compacting Machine: Machine to Trainee ratio 1:30

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Thermopack (Thermic fluid heater)
4. Inspection table
5. Trolleys for material movement

D) Space Requirement for Machines:

Sufficient space to work safely on the Compacting Machine along with all the accessories as mentioned.

	TEXTILES COMMITTEE	RESOURCE SUPPORT AGENCY under Samarth
	Infrastructure Requirements for Implementing Partners	

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- Degree / Minimum three years Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Knowledge of Compacting machine and about the Thermopack
- Conversant with the use of computerized processing & colour matching
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Compacting Machine
- Conversant with the operations of Compacting machine and about the Thermopack
- Basic Knowledge about Knitted fabric and it's properties
- Conversant with the process parameters and operational criteria of Compacting
- Knowledge about dimensional stability of fabric
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Washing Operator (Denim)****Course Code: TC PRC 13****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



TEXTILES COMMITTEE

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17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Washing Machine, Hydroextractor, Drier, Work station (one is fixed and other left open for inserting garment) fitted with pant leg shaped strong wooden flat, Design pattern made up of rubber material, Compressed air with pressure, Work station Mounted Horizontal to the surface level - Fitted with Two M.S.pipe, each pipe per leg of the Jeans pant and both end of each pipe covered by the Rubber tube / sheet & tighten by suitable clamping. (one is fixed firmly and other left open for inserting Garment) complete set is attached to the semi-rotary mechanism, Grinding Machine, Grinding wheel, Tacking Machine/Hand Tacking gun, Pressure tank for spraying, fitted with pressure indicator & Regulator.

C) Accessories/ Ancillaries Required:

1. Water, air, steam and electricity supply
2. Chemicals
3. Jeans
4. Adhesive Tape
5. Sand paper
6. Nylon staples
7. Rubber mat
8. Marking Pencil
9. Quality reference sample
10. Trolley for material handling
11. Appropriate Personal Protective Equipments for each trainee

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space to work safely to execute the washing process along with all the accessories as mentioned.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / Minimum three years Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing
- Industrial experience in a Textile Wet Processing Mill / Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in wet processing and their physical & chemical properties.
- Knowledge of utilities used in Wet processing
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of wet processing and Knowledge of environmental protection
- Knowledge of importance of safety and about using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Compacting Machine
- Conversant with the operations regarding Washing of the denims in industry.
- Basic Knowledge about denim fabric and it's properties
- Conversant with the process parameters and operational criteria of washing
- Knowledge about dimensional stability of fabric
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Embroidery Machine Operator****Course Code: TC GMT 01****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Embroidery Machines : Machine to Trainee ratio 1:2

C) Accessories/ Ancillaries Required:

1. Tool box
2. Frame to hold fabric
3. Fabric (Woven/Knitted)
4. Needles
5. Threads
6. Fusing material (optional)
7. Thread trimmer
8. Seam ripper
9. Measuring tape
10. Tracing table

D) Space Requirement for Machines:

Sufficient space to work safely on the Embroidery Machines along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/Minimum three year Diploma in garment manufacturing technology
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of garment ornamentation
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as an embroidery machine operator
- Conversant with basic operation / maintenance of the embroidery machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Fuser & Ironer****Course Code: TC GMT 02****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



TEXTILES COMMITTEE

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under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio)

1. Ironing table – 1:3
2. Steam iron with steam attachment – 1:3
3. Fusing machine – 1:10

C) Accessories/ Ancillaries Required:

1. Mini boiler for steam ironing
2. Fabric/Garment/made ups (Woven/Knitted)
3. Suitable arrangements to keep the hot Iron.
4. Scissors
5. Trimmers
6. Stain removing equipments
7. Appropriate Personal Protective Equipment for each trainee

D) Space Requirement for Machines:

Sufficient space to work safely on the Ironing table, Steam iron and Fusing machine along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/Minimum three year Diploma in garment manufacturing technology/
Textiles Technology/Fashion and Apparel Engineering/Fashion Designing
- Industrial experience in a garment manufacturing plant / educational institute
preferably for a minimum of 2 years
- Knowledge of garment finishing techniques
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as a fusing machine and ironing operator
- Conversant with basic operation / maintenance of the fusing machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Computer Embroidery Machine Operator****Course Code: TC GMT 03****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:15)

1. Minimum six head computer embroidery machine along with computer and required supporting software

C) Accessories/ Ancillaries Required:

1. Tool box
2. Fabric/garment/made up (Woven/Knitted)
3. Scissors
4. Frame stand framing tables
5. Needles
6. Threads
7. Fusing material (optional)
8. Thread trimmer
9. Seam ripper
10. Measuring tape
11. Air conditioning system (optional)
12. Appropriate Personal Protective Equipment for each trainee

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space to work safely on the Computer embroidery machine along with all the accessories as mentioned.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/Minimum three year Diploma in garment manufacturing technology/ Textiles Technology/Fashion and Apparel Engineering/Fashion Designing
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of use of softwares and design control on a computerised embroidery machine
- Conversant with use of computer
- trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed
- Minimum 5 years of experience as a computer embroidery machine operator
- Conversant with basic operation / maintenance of the computer embroidery machine
- Knowledge of design control on computer embroidery machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Garment Checker****Course Code: TC GMT 04****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Inspection table (Minimum size 60X40 inches): machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Garment samples with identified defects
2. Defects Catalogue
3. Pick glass
4. Measuring tape
5. Scissors
6. Cutter
7. Trimmer
8. Appropriate Personal Protective Equipment for each trainee

D) Space Requirement for Machines:

Sufficient space to safely inspect the garments/made ups along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/Minimum three year Diploma in garment manufacturing technology/ Textiles Technology/Fashion and Apparel Engineering/Fashion Designing
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of garment defects identification and rectification
- Knowledge of inspection methods like AQL etc.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as a garment checker / quality controller/ supervisor
- Conversant with fabric and garment defects
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: CAD Operator****Course Code: TC GMT 05****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio)

1. Computer set with CAD software – 1:15
2. Digitizing board – 1:30
3. Printers / plotters – 1:30

C) Accessories/ Ancillaries Required:

1. Plotter paper
2. Air conditioning system (optional)

D) Space Requirement for Machines:

Sufficient space to operate safely Computer set with CAD software, Digitizing board and Printers / plotters alongwith all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three years Diploma in garment manufacturing technology / fashion design/Textile Technology/Fashion and Apparel Engineering
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Experience of handling CAD
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 12th Passed.
- Certificate course in CAD.
- Minimum 5 years of experience as a CAD designer
- Conversant with basic CAD software and its applications in garment manufacture
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Sewing Machine Operator****Course Code: TC GMT 06****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio)

1. Industrial Sewing Machines: 1:2
2. Buttonhole and buttoning machines for demo purpose: 1:15

C) Accessories/ Ancillaries Required:

1. Tool box
2. Threads
3. Buttons
4. Fabric cut components (Woven/Knitted)
5. Measuring tapes
6. Scissors
7. Trimmers
8. Stitching accessories like labels and thread.
9. Appropriate Personal Protective Equipment for each trainee

D) Space Requirement for Machines:

Sufficient space for safe operation of Sewing machines, buttonhole and buttoning machines and to utilize all the accessories as mentioned above.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three years Diploma in garment manufacturing technology / fashion design/Textile Technology/Fashion and Apparel Engineering
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of process of garment manufacture
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as a sewing machine operator
- Conversant with basic operation / maintenance of the sewing machines of different types
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Pattern Maker****Course Code: TC GMT 07****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Table for Pattern Making (Minimum size 60X40 inches):- Machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Pattern paper
2. Tool box
3. Measuring tapes
4. Fabric (Woven/Knitted)
5. Scissors
6. Pick glass
7. Notcher
8. Digitized board
9. Marker (Tailor's Chalk)
10. Appropriate Personal Protective Equipment for each trainee

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space to make patterns safely using the table along with all the accessories as mentioned.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three years Diploma in garment manufacturing technology / fashion design/Textile Technology/Fashion and Apparel Engineering
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of pattern making for samples and bulk production
- Knowledge of pattern grading
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as a pattern master
- Knowledge of pattern making for samples and bulk production
- Knowledge of pattern grading
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Fabric Checker****Course Code: TC GMT 08****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio)

1. Checking table (Minimum size 64X40 inches) – 1:5
2. Fabric inspection machine – 1:10

C) Accessories/ Ancillaries Required:

1. Fabric rolls (Woven/Knitted)
2. Measuring tapes
3. Pick glass
4. Scissors
5. Cutter
6. Tweezers
7. Needles
8. Defects Catalogue
9. Metal comb
10. Appropriate Personal Protective Equipment for each trainee

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for checking the fabric safely using Checking table/Fabric inspection machine alongwith all the accessories as mentioned.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three years Diploma in garment manufacturing technology / fashion design/Textile Technology/Fashion and Apparel Engineering
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of various inspection methods like 4 point system or 10 point system etc.
- Knowledge of fabrics and related quality aspects
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a fabric checker
- Conversant with basic operation / maintenance of the fabric checking machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Fabric Cutter****Course Code: TC GMT 09****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio)

1. Cutting Machines – Straight/Bend/Circular– 1:10

C) Accessories/ Ancillaries Required:

1. Fabric (Woven/Knitted)
2. Spreading table
3. Layering machine (Optional)
4. Patterns
5. Tailor's chalk
6. Measuring tape
7. Scissors
8. Metal gloves one pair for each trainee
9. Appropriate Personal Protective Equipment for each trainee

D) Space Requirement for Machines:

Sufficient space to operate safely the Fabric cutting machines alongwith all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three years Diploma in garment manufacturing technology / fashion design/Textile Technology/Fashion and Apparel Engineering
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of patterns and cut components
- Knowledge of process of Spreading, Layering and Cutting
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a cutting master for knitted fabrics
- Conversant with basic operation / maintenance of various types of cutting machines.
- Knowledge of patterns and cut components
- Knowledge of process of Spreading, Layering and Cutting
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Overlock & Flatlock Machine Operator****Course Code: TC GMT 10****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:4)

1. Overlock Stitching machines with accessories
2. Flatlock Stitching machines with accessories

C) Accessories/ Ancillaries Required:

1. Fabric cut components (Woven/Knitted)
2. Stitching accessories like labels, tags, threads etc.
3. Measuring tapes
4. Scissors
5. Trimmers
6. Needles
7. Needle guard
8. Thread
9. Appropriate Personal Protective Equipment for each trainee

D) Space Requirement for Machines:

Sufficient space to operate safely on the Overlock and Flatlock stitching machines alongwith all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three years Diploma in garment manufacturing technology / fashion design/Textile Technology/Fashion and Apparel Engineering
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of process of garment manufacture
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as a tailor in overlock / flat lock section
- Conversant with basic operation / maintenance of the overlock and flat lock stitching machines
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Sewing Machine Mechanic****Course Code: TC GMT 11****A) General Criteria for conducting training (Batch Size-20):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:10)

Sewing machine, Over lock machine, Flat lock machine, Feed of the arm machine, Bartack machine, Button stitch machine, Button hole machine

C) Accessories/ Ancillaries Required:

1. Tool box
2. Measuring tapes
3. Seam Gauge, Thread clipper
4. Gloves for each trainee
5. Machines belts (V type, flat, round, Multi-grooved, time belt, etc)
6. Motors (clutch, Servo and Direct)
7. Pie or cake pan for soaking parts in cleaning fluid
8. Small screwdriver
9. Large screwdriver
10. Small adjustable wrench
11. Hammer (optional)
12. Small oil can (clean) for cleaning fluid
13. Lubrication oil
14. Cleaning brush (narrow, nylon)
15. Paring knife (or pocket knife)
16. Long needle or small crochet hook
17. Cleaning cloths



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18. Fabric to test stitching
19. Tube of sewing machine lubricant
20. Small bottle or can of cleaning solvent.
21. Newspapers
22. Plastic wrap (household type)
23. Magnifying glass (optional)
24. Flashlight (optional)
25. Appropriate Personal Protective Equipments for each trainee

D) Space Requirement for Machines:

Adequate space required for safe operation of Sewing machine, Over lock machine, Flat lock machine, Feed of the arm machine, Bartack machine, Button stitch machine, Button hole machine and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- Degree/minimum three years Diploma in garment manufacturing technology / fashion design/Textile Technology/Fashion and Apparel Engineering/Mechanical Engineering
- Industrial experience in a garment manufacturing plant / educational institute preferably for a minimum of 2 years
- Knowledge of Sewing machine and other machines setup, troubleshooting, repairs and performing preventive maintenance etc.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:10)

- Minimum 10th Passed.
- Minimum 5 years of experience as a sewing machine mechanic.
- Conversant with basic operation / maintenance of the stitching machines of different types
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadget

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Handloom Weaver (Frame loom)****Course Code: TC HLM 01****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Handloom Machine: Machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Weft Pirns.
2. Pirn winding machine 2 Nos
3. Warp Beam
4. Shuttles
5. Drawing in hooks
6. Trolley for material handling

D) Space Requirement for Machines:

Sufficient space for working safely on Hand Looms with all required accessories as listed above.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / Minimum three year diploma in textile technology/ weaving technology/handloom technology
- Industrial experience in a weaving plant /handloom unit/ educational institute preferably for a minimum of 2 years
- Knowledge of woven designs
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as a weaver on Handloom.
- Conversant with basic operation / maintenance of the Handloom.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Hand Dyeing Operator****Course Code: TC HLM 02****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:5)

Dye Bath/Dyeing Vat and burners

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Stirrers
4. Industrial Thermometer
5. ph testing strips
6. Funnels
7. Suitable utensils for heating or boiling the dyes and chemicals
8. Weighing Balance
9. Suitable water for dyeing
10. Chemicals and auxiliaries
11. Dyes
12. Trolleys for material movement
13. Appropriate Personal Protective Equipment for each trainee

D) Space Requirement for Machines:

Sufficient space to work safely on Hand Dyeing along with all the accessories as mentioned.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree /Minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing/ Handloom Technology
- Industrial experience in a Textile Wet Processing Mill / Hand Dyeing Unit/ Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in Hand Dyeing /wet processing and their physical & chemical properties.
- Knowledge of utilities used in Hand Dyeing/wet processing.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of discharging effluent from Hand Dyeing /wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching and should be capable of manual shade matching.
- Knowledge on importance of safety and using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as an operator in Hand Dyeing/Dyeing.
- Conversant with the process parameters and operational criteria in Hand Dyeing
- Knowledge about trade effluent in dyeing and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Hand Block Printing****Course Code: TC HLM 03****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:4)

In case of production units existing facility of blocks and printing table and in case of other Training Institutes printing table with blocks of different design and suitable no. of washers and boiler for steaming.

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Stirrers
4. Industrial Thermometer
5. Funnels
6. Flannel Cloth
7. Chemicals and auxiliaries
8. Dyes and printing ink
9. Trolleys for material movement
10. Old news papers

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space to work safely on block printing with all required accessories as listed above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / Minimum three year Diploma/PG Diploma/Post Diploma in Textile Technology / Textile Chemistry/Textile Processing/ Handloom technology
- Industrial experience in a Textile Wet Processing Mill / Hand Printing Unit/ Educational institute preferably for a minimum of 2 years
- Knowledge of different chemicals, auxiliaries and dyes used in Hand Printing /wet processing and their physical & chemical properties.
- Knowledge of utilities used in Hand Printing/wet processing.
- Knowledge of trade effluent and its treatment methods.
- Awareness about environmental impact of Hand Dyeing /wet processing and Knowledge of environmental protection
- Conversant with the use of computerized processing & colour matching and should be capable of manual shade matching.
- Knowledge on importance of safety and using personal Protective equipments according to the chemicals used.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:20)

- Minimum 10th passed.
- Minimum 5 years of experience as an operator in Hand Printing/Printing.
- Conversant with the process parameters and operational criteria in Hand Dyeing
- Knowledge about trade effluent in dyeing and its disposal methods
- Conversant with the use of safety gadgets
- Experience of training the apprentices is desirable
- Ability to communicate in local language
- Good communication skill

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Dobby Hand loom Weaver****Course Code: TC HLM 04****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

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16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Dobby Handlooms:- Machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Weft Pirns.
2. Pirn winding machine 2 Nos
3. Shuttles
4. Peg and lattice.
5. Graph paper for making designs.
6. Drawing in hooks.
7. Trolley for material handling

D) Space Requirement for Machines:

Sufficient space to work safely on Dobby Hand Looms with all required accessories as listed above.

**TEXTILES COMMITTEE**Infrastructure Requirements for
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SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minim three year diploma in textile technology/ weaving technology/ handloom technology
- Industrial experience in a weaving plant /handloom unit/ educational institute preferably for a minimum of 2 years
- Knowledge of woven designs on dobby looms
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 10th Passed.
- Minimum 5 years of experience as a weaver on Handloom/Dobby looms.
- Conversant with basic operation / maintenance of the Handloom/Dobby looms.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Jacquard Handloom Weaver****Course Code: TC HLM 05****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility

**TEXTILES COMMITTEE**Infrastructure Requirements for
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SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Jacquard handlooms:- Machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Weft Pirns.
2. Pirn winding machine 2 Nos
3. Shuttles.
4. Piano Card Cutting Machine 2Nos
5. Card lacing Stand 2Nos.
6. Extra Harness
7. Graph paper for making designs.
8. Drawing in hooks.
9. Trolley for material handling

D) Space Requirement for Machines:

Sufficient space to work safely on Jacquard Hand Looms with all required accessories as listed above.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year diploma in textile technology/ weaving technology/ handloom technology
- Industrial experience in a weaving plant /handloom unit/ educational institute preferably for a minimum of 2 years
- Knowledge of woven designs at jacquard looms.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:20)

- Minimum 10th Passed.
- Minimum 5 years of experience as a weaver on Handloom/Jacquard loom.
- Conversant with basic operation / maintenance of the Handloom/Jacquard loom.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Jute Selector cum Assorter****Course Code: TSC/Q0107****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



TEXTILES COMMITTEE

Infrastructure Requirements for
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**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

1. Jute Spreader Machine (Desirable) with other equipments
2. Jute Softener Machine (Desirable) with other equipments

C) Accessories/ Ancillaries Required:

1. Tool box – Chopper, knife, hooks, Thrumbs for each trainee
2. Color coding system – Marker, color patches, sack color etc.
3. Wooden block, Spike set
4. Root Cutter feeder
5. Raw material - Jute fiber of required quantity
6. Trolleys for material handling
7. Sufficient no. of spares according to machines working.
8. Weighting balance
9. Appropriate Personal Protective Equipment - Apron, head cap, nose mask, ear plug, shoe, Helmets for each trainee

D) Space Requirement for Machines:

Sufficient space for safe operation of Jute processing as per job profile, selection and batching and/or Spreader machine and Jute Softener machine and to utilize all the

**TEXTILES COMMITTEE**Infrastructure Requirements for
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under Samarth**

accessories as mentioned above. It is suggested to impart this type of training of above job roles at premises of relevant industry (actual production site).

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year diploma in Textiles/ Jute Technology.
- Industrial experience in a Jute Spinning Unit / educational institute preferably for a minimum of 2 years
- Knowledge of process of Jute Batching and processing.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 5 years of experience as a Supervisor.
- Regular employee of the organization having requisite experience in relevant field.
- Minimum 10th Passed.
- Conversant with basic operation / maintenance of the Jute spreader and Softener machines of different types
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Jute Carding Operator****Course Code: TSC/Q0108****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

1. Jute Breaker carding Machine with other equipments
2. Jute Finisher Carding Machine with other equipments

C) Accessories/ Ancillaries Required:

1. Tool box
2. Tie bags for contamination picking/collecting waste for each trainee
3. Nose Masks, Helmets & Caps for each trainee
4. Raw Jute Dollop of required quantity
5. Trolleys for material handling
6. Empty card cans
7. Full card cans
8. Humidification plant with Exhaust system (Desirable)
9. Sufficient no. of spares according to machines working.
10. Appropriate Personal Protective Equipment

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of Breaker carding machines, Finisher Carding machine and to utilize all the accessories as mentioned above. It is suggested to impart this type of training of above job roles at premises of relevant industry (actual production site).

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year diploma or certificate course in Textiles/ Jute Technology.
- Industrial experience in a Jute Spinning Unit / educational institute preferably for a minimum of 2 years
- Knowledge of process of Jute Carding, Drawing and Spinning.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 5 years of experience as a Supervisor
- Regular employee of the organization having requisite experience in relevant field.
- Minimum 10th Passed.
- Conversant with basic operation / maintenance of the Jute Breaker and finisher carding machines of different types
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Jute Spinning Sardar (Jobber) cum Jr. Supervisor****Course Code: TSC/Q0204****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Jute Spinning Frame Machines

C) Accessories/ Ancillaries Required:

1. Jute Sliver as raw material
2. Nose Masks for each trainee
3. Caps for each trainee
4. Ear plugs for each trainee
5. Sider's hip bag
6. Brushes
7. Empty spinning bobbins
8. Trolleys for material handling
9. Flyers as required
10. Humidification plant with exhaust system (Desirable)
11. Sufficient no of spares according to machines working
12. Appropriate Personal Protective Equipment

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of Jute Spinning Frame and to utilize all the accessories as mentioned above. It is suggested to impart this type of training of above job roles at premises of relevant industry (actual production site).

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year diploma or certificate course in Textiles/ Jute Technology.
- Industrial experience in a Jute Spinning Unit / educational institute preferably for a minimum of 2 years.
- Knowledge of process of Jute Carding, Drawing and Spinning.
- Conversant with use of computer.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 5 years of experience as a Supervisor
- Regular employee of the organization having requisite experience in relevant field.
- Minimum 10th Passed.
- Conversant with basic operation / maintenance of the Jute Drawing machines of different types
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Jute Weft Winding Operator****Course Code: TSC/Q0304****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Any of Jute weft winding machine and/or any of Cop winding Machine in working condition.

C) Accessories/ Ancillaries Required:

1. Jute Bobbins as raw material
2. Nose Masks for each trainee
3. Caps for each trainee
4. Ear plugs for each trainee
5. Sider's hip bag
6. Brushes
7. Empty spools/cones
8. Empty spinning bobbins
9. Trolleys for material handling
10. Humidification plant with exhaust system (Desirable)
11. Sufficient no of spares according to machines working
12. Appropriate Personal Protective Equipment

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of Jute Warp Winding machine, Cop winding Machine and to utilize all the accessories as mentioned above. It is suggested to impart this type of training of above job roles at premises of relevant industry (actual production site).

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree / minimum three year diploma or certificate course in Textiles/ Jute Technology.
- Industrial experience in a Jute Spinning Unit / educational institute preferably for a minimum of 2 years.
- Knowledge of process of Jute Carding, Drawing and Spinning.
- Conversant with use of computer.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:20)

- Minimum 5 years of experience as a Supervisor
- Regular employee of the organization having requisite experience in relevant field.
- Minimum 10th Passed.
- Conversant with basic operation / maintenance of the Jute Drawing machines of different types
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Jute Beaming Operator****Course Code: TSC/Q2104****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Beaming and Sizing Machine in working condition.

C) Accessories/ Ancillaries Required:

1. Gum Boots
2. Drawing in hooks
3. Trolley for material handling
4. Hip bags for waste collection for each trainee
5. Warp Cones
6. Warper's beams
7. Gloves
8. Caps
9. Size Cooker
10. Viscosity Meter
11. Tool box
12. Chemicals for size paste
13. Appropriate Personal Protective Equipment

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of Pre Beaming machine and Jute Sizing/Beaming machine and to utilize all the accessories as mentioned above. It is suggested to impart this type of training of above job roles at premises of relevant industry (actual production site).

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in textile technology, Jute Technology.
- Industrial experience in a weaving plant / educational institute preferably for a minimum of 2 years
- Knowledge of Warping, leasing, sizing ingredients and sizing process
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a sizer on a Conventional Jute sizing/beaming machine or modern Sizing/beaming machine.
- Conversant with basic operation / maintenance of the sizing machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Automatic Shuttle Loom Operator****Course Code: TSC/Q2201****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:10)

Any shuttle loom fitted with weavers beam in working condition.

C) Accessories/ Ancillaries Required:

1. Weft Pirns.
2. Drawing in hooks.
3. Knotting machine
4. Weavers Beam
5. Tool box
6. Trolley for material handling
7. Ear plugs for each trainee
8. Nose masks for each trainee
9. Hip bags for waste collection for each trainee
10. Humidification plant with exhaust system (Optional)
11. Sufficient no of spares according to machines working
12. Appropriate Personal Protective Equipment

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of loom, and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in textile technology, Jute Technology.
- Industrial experience in a weaving plant / educational institute preferably for a minimum of 2 years
- Knowledge of Weaving operations , Woven designs.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Weaving machine Operator/Supervisor.
- Conversant with basic operation / maintenance of the shuttle less Weaving machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Shuttle-Less Loom Weaver – Projectile****Course Code: TSC/Q2202****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:10)

Projectile shuttle-Less loom fitted with weavers beam in working condition.

C) Accessories/ Ancillaries Required:

1. Weft yarn cones
2. Drawing in hooks.
3. Knotting machine
4. Weavers Beam
5. Tool box
6. Trolley for material handling
7. Ear plugs for each trainee
8. Nose masks for each trainee
9. Hip bags for waste collection for each trainee
10. Humidification plant with exhaust system (Optional)
11. Sufficient no of spares according to machines working
12. Appropriate Personal Protective Equipment

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of projectile shuttle less loom, and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in textile technology, Jute Technology.
- Industrial experience in a weaving plant / educational institute preferably for a minimum of 2 years
- Knowledge of Shuttle less Weaving operations, Woven designs.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Shuttle less Weaving machine Operator/Supervisor.
- Conversant with basic operation / maintenance of the shuttle less Weaving machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Electroplating & Effluent Treatment****Course Code: TC MET 01****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

1. Buffering, Grinding & Polishing machine (Machine to Trainee ratio 1:10)
2. Electro plating relevant line tanks (Machine to Trainee ratio 1:4)
3. Effluent Treatment plant

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Weighing Balance
4. Ammeters, Voltmeters
5. Rectifier
6. Batteries
7. Acids, alkaline and solvents
8. Trolleys for material handling
9. Electroplating kit
10. Jigs & Hangers
11. Metal Anodes & Cathodes
12. Various metal samples i.e. steel, copper, brass, cast iron, Nickel, stainless steel, Silver, etc

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

13. Personal Protective Equipments
14. Drying equipment

D) Space Requirement for Machines:

Sufficient space for safe operation of Polishing machine, Electro plating line tanks, Effluent treatment plant and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in Chemical technology/ Metallurgical Engineering, Mechanical Engineering, BSC in chemistry.
- Industrial experience in a Electroplating Unit / educational institute preferably for a minimum of 2 years
- Knowledge of Electro plating process and Effluent treatment.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio trainer to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a electroplating Operator
- Conversant with basic operation of Electroplating treatments: pre-treatment, electroplating operations, post treatment.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Basic Art of Engraving****Course Code: TC MET 02****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Engraving equipments to trainee ratio 1:1 (Working Table (Tripod Stand), Engraving Kalam and Hammers)

C) Accessories/ Ancillaries Required:

1. Vernier calipers for each trainee
2. Metal Pieces (plate, vas, wire)
3. SWG gauges
4. Working Table (Tripod Stand)
5. Metal Scales
6. Drawing Instruments (Compass, Divider, Metal Scale, Protector, Set Square)
7. Drawing Accessories (Pencils, Eraser, Tracing Papers, Plain Paper, Carbon papers)
8. Safety Glasses
9. Gloves for each trainee
10. Sticker (Thapki)
11. Engraving Tools (Kalam with or without handle, kachhi and Pakki kalams, Thin & Thick Kalams, Hammers, Striker (thapki))

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of Engraving Equipments and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in any field with vocational training course in Engraving
- Experience in Engraving / educational institute preferably for a minimum of 2 years
- Knowledge of Engraving process.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed
- Minimum 5 years of experience as an engraver/ National Awardees artisans in engraving.
- Conversant with basic operation of Engraving.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Lacquering & Painting****Course Code: TC MET 03****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.



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under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

In case of production units existing facility of following machines

1. Buffering, Grinding & Polishing machine (Machine to Trainee ratio 1:10)
2. Degreasing machine (Machine to Trainee ratio 1:30)
3. Spray booth (Machine to Trainee ratio 1:30)
4. Spray Gun (Machine to Trainee ratio 1:30)
5. Oven with backing (Machine to Trainee ratio 1:30)
6. Fresh Air System/Compressor (Machine to Trainee ratio 1:30)

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Trolleys for material handling
4. Various metal samples i.e. steel, copper, brass, cast iron, Nickel, stainless steel, Silver, etc
5. Appropriate Personal Protective Equipments for each trainee
6. Paint
7. Lacquering solution
8. Salt

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

9. Paint-or solvent- soaked rags

D) Space Requirement for Machines:

Sufficient space for safe operation of Polishing machine, Degreasing machine , Spray Gun and Oven with backing, fresh Air system and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in Chemical or Paint technology/ Metallurgical Engineering, BSC in chemistry.
- Industrial experience in a lacquering & Painting operation / educational institute preferably for a minimum of 2 years
- Knowledge of lacquering & Painting process.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed
- Minimum 5 years of experience as a lacquering & Painting Operator
- Conversant with basic operation of lacquering & Painting treatments: pre-treatment, lacquering & Painting operations, post treatment.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Packaging****Course Code: TC MET 04****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Packaging machines to Trainee ratio 1:30 (Sealing Equipments, Strapping equipments, wrapping machine, coding and labeling equipment)

C) Accessories/ Ancillaries Required:

1. Appropriate Personnel Portative Equipments for each trainee
2. Packing tables,
3. HDPE and LDPE sheets
4. corrugated box making equipment
5. Wrapping materials
6. Soft cushioning materials
7. Stiff cushioning materials
8. Paper – poster paper, Kraft paper, brown paper for packaging and wrapping
9. Paper Boards
10. Adhesives
11. Scissors
12. Coating materials
13. Twines and straps
14. Conveyors/ Trolleys for package movements

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

15. Marking & labeling guides

D) Space Requirement for Machines:

Sufficient space for safe operation of Packaging Equipments and to utilize above mentioned accessories .

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in any field with vocational training course in packaging
- Industrial experience in Packaging/ educational institute preferably for a minimum of 2 years
- Knowledge of Packaging process.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Packer.
- Conversant with basic functions of Packaging operations, etc
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Powder Coating****Course Code: TC MET 05****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

In case of production units existing facility of following machines

1. Pre treatment line of tanks for Phosphating / chromating (Machine to Trainee ratio 1:4)
2. Dryer Oven (Machine to Trainee ratio 1:30)
3. Spray booth (Machine to Trainee ratio 1:30)
4. Powder Spray Gun (Machine to Trainee ratio 1:30)
5. Curing Oven with backing (Machine to Trainee ratio 1:30)
6. Fresh Air System/Compressor (Machine to Trainee ratio 1:30)

C) Accessories/ Ancillaries Required:

1. Aprons for each trainee
2. Gloves for each trainee
3. Trolleys for material handling
4. Various metal substances i.e. steel, copper, brass, cast iron, Nickel, stainless steel, Silver, etc
5. Appropriate Personal Protective Equipments for each trainee
6. Powder coating material
7. Jiggs and Hangers

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

8. Salt, Acid and Alkaline and other Pre treatment chemicals/solvents

D) Space Requirement for Machines:

Sufficient space for safe operation of Pretreatment line of tanks, Dryer oven, Spray Booth, Spray Gun and Curing Oven with backing and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three years Diploma in Chemical or Paint technology/ Metallurgical Engineering, BSC in chemistry.
- Industrial experience in a Powder Coating operation / educational institute preferably for a minimum of 2 years
- Knowledge of Powder Coating process.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed
- Minimum 5 years of experience as a Powder Coating Operator
- Conversant with basic operation of Powder Coating treatments: pre-treatment, Powder Coating operations, Curing , etc
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Quality Control****Course Code: TC MET 06****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
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16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to trainee ratio 1:30)

Facility of testing lab which comprises testing equipments like Toxic Metal testing, drop tester, moisture meter and corrosion Resistance testing, Salt Spray unit, etc.

C) Accessories/ Ancillaries Required:

1. Appropriate Personnel Portative Equipments for each trainee
2. Caliper
3. Pin gauge
4. Thread gauge
5. height gauge,
6. Quality control tools guide
7. Testing methods and standards.
8. IS/ISO standard latest version copies
9. Inspection Procedures/ Protocols, AQL, etc
10. Measuring tapes/Scales
11. Measuring Tables
12. Metal Substances
13. Chemicals and solvents

**TEXTILES COMMITTEE**Infrastructure Requirements for
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14. PH meter
15. Electronic Balance
16. Stereoscopic illuminated bench magnifier.
17. Water analyzer kit

D) Space Requirement for Machines:

Sufficient space for safe operation of basic test lab and to utilize above mentioned accessories .

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/ minimum three year Diploma in Chemical Engineering / Metallurgical Engineering, BSC in chemistry.
- Industrial experience in Quality control and testing/ educational institute preferably for a minimum of 2 years
- Knowledge of Quality control techniques, testing methods, etc.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Quality control Supervisor.
- Conversant with Quality control techniques, testing methods, etc
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Computer Aided Design****Course Code: TC MET 07****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Computer system installed with CAD software to trainee ratio 1:2

C) Accessories/ Ancillaries Required:

1. Computer tables
2. Power back up system
3. Supporting equipments
4. Printers

D) Space Requirement for Machines:

Sufficient space for safe operation of computer systems installed with CAD software and to utilize above mentioned accessories .

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- Degree/minimum three year Diploma in Chemical or Paint technology/ Metallurgical Engineering, Mechanical Engineering.

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under Samarth**

- Industrial experience in CAD software applications/ educational institute preferably for a minimum of 2 years
- Knowledge of Powder Coating process.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed
- Minimum 5 years of experience as a CAD Operator
- Conversant with basic functions of CAD operations, etc
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Welding and Soldering****Course Code: TC MET 08****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Welding Machine to trainee ratio 1:10 and soldering Equipments to trainee ratio 1:2

C) Accessories/ Ancillaries Required:

1. Vernier Calipers
2. Micro meter & Height gauge
3. Different types of joints Bench Drill
4. Drills & Taps
5. Bench Grinder
6. Electrode Holder
7. Welding booth with Exhaust
8. Metal Inert Gas welding (MIG) Set
9. Wire feeder and Roll
10. Hammer/Chipping
11. Wire Brush
12. Soldering Tool Box with different sizes
13. Round & open end spanners
14. Hydraulic & lubricating oil
15. Electrodes gas



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Maintenance Manuals and Welding handbooks
17. Sample parts of different metals from small to big for practicing welding in various thickness
18. Personnel Portative Equipments

D) Space Requirement for Machines:

Sufficient space for safe operation of Welding and Soldering Equipments and to utilize above mentioned accessories.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- Degree/minimum three year Diploma in mechanical Engineering/ Metallurgical Engineering
- Industrial experience in Welding and Soldering/ educational institute preferably for a minimum of 2 years
- Knowledge of Powder Coating process.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Trainer (ratio trainer to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Welder.
- Conversant with basic functions of Welding and soldering operations, etc
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Carving Artisan - Stonecraft****Course Code: HCS/Q1502****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Sanding / Buffing Machine (Machine to Trainee ratio 1: 10)
2. Marble Cutting Machine (Machine to Trainee ratio 1: 10)
3. Hand Cutter Machine (Machine to Trainee ratio 1: 15)

C) Accessories/ Ancillaries Required:

- Hammer
- Chisels (Flat & round headed)
- Drills (Electrical Driven)
- Belts (for carrying heavy loads)
- Files
- Raw Material – Stone & granite locally available
- Hack Saw, circular saw
- Traditional geometric tools
- Scale, Right Angle
- Angular Chisel



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Brush
- Blower / Dust remover
- Pencil or Markers
- Sand paper, white paper
- Rubber Pipe
- Protective gears like goggles, mask, gloves
- Araldite

D) Space Requirement for Machines:

Sufficient space for safe operation of stone carving, polishing, etc and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:10)

- 10th Pass.
- Minimum 4 Years of sector/Job role specific experience (like: trained by MCP) and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:5)

- Minimum 10th Passed.
- Minimum 2 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Inlay Artisan – Stonecraft****Course Code: HCS/Q1504****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

15. Availability of minimum of 2 numbers of dustbins.
16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Buffing Machine (Machine to Trainee ratio 1: 10)

C) Accessories/ Ancillaries Required:

- Hammer
- Angular Chisels (Flat & round headed)
- Drills (Normal & flexible)
- Planner
- Files
- Circular Saw
- Traditional geometric tools
- Scale
- Right Angle
- Brush



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Blower
- Pencil or Markers
- Sand paper, Water Paper
- Rubber Pipe
- Protective gears like goggles, mask, gloves
- Raw Material - white marble, sand stone & granite
- Silver and gold foil
- Precious stones

D) Space Requirement for Machines:

Sufficient space for safe operation of stone carving, polishing, etc and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Casting Operator (Metal Handicrafts)****Course Code: HCS/Q2801****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Furnace (Machine to Trainee ratio 1: 30)
2. Drill Machine (Machine to Trainee ratio 1: 15)

C) Accessories/ Ancillaries Required:

- Raw Material – Wax (Paraffin / Bee wax)
- Files
- Hammers and Anvils
- Board Marker
- Weighing Scale
- Scrapers
- Tongs
- Pincers
- Coal
- Fire Clay
- Sand
- Crucible



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Bars
- Blower
- Resin
- Firewood
- Protective gears like goggles, mask, gloves

D) Space Requirement for Machines:

Sufficient space for safe operation of metal casting machine and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Stamping Operator (Metal Handicrafts)****Course Code: HCS/Q2802****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Stamping Machine (Machine to Trainee ratio 1: 10)

C) Accessories/ Ancillaries Required:

- Marker
- Metal sheet
- Metal sheet cutter
- Cutting table
- Die
- Puncher
- Stamping presses
- Hammer
- Protective gears like goggles, mask, gloves

D) Space Requirement for Machines:

Sufficient space for safe operation of stamping and to utilize all the accessories as mentioned above.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Sakhta Saaz (Paper Mache)****Course Code: HCS/Q4401****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Putty Mixer (Machine to Trainee ratio 1: 10)
2. Hand Grinder (Machine to Trainee ratio 1: 5)
3. Compressor Machine (Machine to Trainee ratio 1: 30)

C) Accessories/ Ancillaries Required:

- Board Marker
- Paper
- Cutting Tables
- Molding tools
- Bucket / tub
- Glue
- Scissor, Cutting knife
- Plaster of parish
- Sand paper
- Cleaning tools
- Paint



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Bowl
- Protective gears like goggles, mask, gloves

D) Space Requirement for Machines:

Sufficient space for safe operation of paper cutting, paper soaking, etc. and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Engraving/Carving/Etching Assistant****Course Code: HCS/Q7001****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Trimming Tool (Machine to Trainee ratio 1: 2)

C) Accessories/ Ancillaries Required:

- Engraving / Carving tools
- Marker
- Cutting table
- Cutter/scissors
- Scale
- Measuring tape
- Cleaning tool
- Protective gears like goggles, mask, gloves
- Wood samples
- Carving/etching/engraving specification sheet of different types of wood

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of Engraving/Carving/Etching of wood and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Traditional Hand Embroiderer****Course Code: HCS/Q7301****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.
Cloth, Thread
needles, cloth holder

B) Machine/Tool Requirements:

1. Embroidery Frame/Hoops (round and square) (Machine to Trainee ratio 1: 1)
2. Sewing Machine (Machine to Trainee ratio 1: 6)
3. Embroidery Machine (Machine to Trainee ratio 1: 6)
4. Design / Cutting Machine (Machine to Trainee ratio 1: 6)

C) Accessories/ Ancillaries Required:

- Tracing paper
- Tables (for machine Min. 5), Trolleys, Racks
- Fabric Mannequins
- Heavy duty Iron with ironing board
- Marker, pencils, chalk
- Tracing wheel
- Thread Needle
- Scissors – Rotary cutter, pinking shears, heavy duty shears, appliqué scissors



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Clipper
- Colored Threads, Metallic threads
- Fabric/Cloth
- Cloth Holder
- Sequins, Beads (Moti, Cutdan, etc.)

D) Space Requirement for Machines:

Sufficient space for safe working of Embroidery work and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:10)

- 10th Pass.
- Minimum 4 Years of sector/Job role specific experience (like: trained by MCP) and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Knowledge of different motifs and designs
- Knowledge of different stitches
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:5)

- Minimum 10th Passed.
- Minimum 2 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Hand Crochet Lace Maker****Course Code: HCS/Q7703****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

15. Availability of minimum of 2 numbers of dustbins.
16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Lace Making /Crochet tools (Machine to Trainee ratio 1: 1)

C) Accessories/ Ancillaries Required:

- Crochet tools
- Chalk
- Marker
- Cutting table
- Scale
- Needle
- Measuring tape
- Protective gears like goggles, mask, gloves
- Cleaning tools
- Scissors
- Yarn



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Needle
- Cloth Clamps

D) Space Requirement for Machines:

Sufficient space for safe working and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:30)

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Master Crochet Lace Maker****Course Code: HCS/Q7704****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Sewing Machine (Machine to Trainee ratio 1: 4)

C) Accessories/ Ancillaries Required:

- Marker
- Lace making needle/tool
- Colored Threads
- Protective gears like goggles, mask, gloves
- Cleaning tools
- Scissors
- Yard Stick
- Chalk

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of sewing machine and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Able to crochet different products with different designs and yarns
- Knowledge of raw materials and the techniques used for making crochet lace products.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Crochet Lace Tailor****Course Code: HCS/Q7705****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Tailoring (Sewing) Machine (Machine to Trainee ratio 1: 4)

C) Accessories/ Ancillaries Required:

- Crochet tools
- Chalks
- Marker
- Scale
- Lace making needle/tool
- Measuring tape
- Cutting Table
- Protective gears like goggles, mask, gloves
- Cleaning tools
- Scissors
- Yard Stick
- Chalk
- Trimming Tool

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of sewing machines and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- 10th Pass.
- Minimum 2 Years of sector/Job role specific experience and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 5th Passed.
- Minimum 3 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Bamboo Mat Weaver****Course Code: HCS/Q8702****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

15. Availability of minimum of 2 numbers of dustbins.
16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Stick / Slitting / Splitting Machine (Machine to Trainee ratio 1:10)
2. Hand saw (Machine to Trainee ratio 1:4)

C) Accessories/ Ancillaries Required:

- Marker
- Dao (small, medium, large – 1:1)
- Bamboo splits, Sliver stool
- Drill machine
- Table vice with clamp
- Blue lamp/G lamp, Blow lamp
- Measuring tape, width sizer
- Thickness measuring tool
- Protective gears like goggles, mask, gloves, first aid box
- Cleaning tools



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Bamboo silvers
- Threads for twinning
- Scissors, Knife
- Trimming tools
- Thermocol for preparation of mould
- Varnish, Glue, Gum tape
- Sprayer
- Brush, dye
- Thinner, racks, boric and borax acid (powder form)

D) Space Requirement for Machines:

Sufficient space for safe operation of bamboo mat weaving, bamboo cutting, storage racks, bamboo splitting and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:10)

- 10th Pass.
- Minimum 4 Years of sector/Job role specific experience (like: trained by MCP) and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:5)

- Minimum 10th Passed.
- Minimum 2 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Bamboo Basket Maker****Course Code: HCS/Q8704****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

15. Availability of minimum of 2 numbers of dustbins.
16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Bamboo splitting tools (Machine to Trainee ratio 1: 3)
2. Hand saw (Machine to Trainee ratio 1: 4)

C) Accessories/ Ancillaries Required:

- Wooden Mould
- Dao (small, medium, large – 1:1)
- Khadi fabric (2*2 ft)
- Sewing machine for making handles in rexin/cloth
- Marker, foam
- Table device with clamp
- Hack saw, zig saw
- Bamboo splits
- Cutting Pliers, sand paper
- Measuring tape



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Thickness measuring tool
- Protective gears like goggles, mask, gloves
- Cleaning tools
- Bamboo silvers
- Threads for twinning
- Scissors, knife
- Trimmer
- Varnish, Sprayer, Brush, color/dye
- Thinner, Glue, button

D) Space Requirement for Machines:

Sufficient space for safe operation of bamboo basket making, bamboo cutting, storage racks, bamboo splitting and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:10)

- 10th Pass.
- Minimum 4 Years of sector/Job role specific experience (like: trained by MCP) and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:5)

- Minimum 10th Passed.
- Minimum 2 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Bamboo Utility Handicrafts Assembler****Course Code: HCS/Q8705****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery/tools for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with;
 - a. Study chairs for accommodating all trainees.
 - b. Dias for the Training Assistant (Desirable).
 - c. White board/ Black Board with duster and markers.
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers.
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility.
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable).
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable).
11. Separate washroom facility for male and female.
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments.
14. Availability of first aid facility.
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

16. Clean drinking water facility.
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required;
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting, etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine/Tool Requirements:

1. Hand saw / zig saw (Machine to Trainee ratio 1: 4)
2. Circular saw (Machine to Trainee ratio 1: 10)
3. Bamboo shaver saw (Machine to Trainee ratio 1: 4)
4. Bamboo splitter (Machine to Trainee ratio 1: 4)

C) Accessories/Ancillaries Required:

- Wooden Mould
- Pointer
- Varnish, Brushes, Color
- Cutting Table (Table device)
- Cutting Knife
- Fresh Bamboo Culms, wood
- Trimming Tool
- Wood stainer
- Filer, ciler
- Scissors



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

- Cloth/fabric
- Measuring Scale, Measuring Tape
- Sand Paper (sanding machine)
- Tagging machine
- Marker
- Cleaning Cloth and Solution
- Nails, Magnetic lock, hinge
- Hammer
- Glue, sprayer

D) Space Requirement for Machines:

Sufficient space for safe operation of assembling the bamboo material, storage racks cutting table, bamboo splitting and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (ratio Trainer to trainee 1:10)

- 10th Pass.
- Minimum 4 Years of sector/Job role specific experience (like: trained by MCP) and minimum 1 year of teaching/training experience
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:5)

- Minimum 10th Passed.
- Minimum 2 years of job role related experience.
- Conversant with basic operations
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Handloom Weaver (Carpets)****Course Code: HCS/Q5412****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



TEXTILES COMMITTEE

Infrastructure Requirements for
Implementing Partners

**RESOURCE
SUPPORT AGENCY
under Samarth**

17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Carpet Handloom Machine: Machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Hand Loom for carpet Weaving
2. Weft Pirn
3. Pirn winding machine 2 Nos
4. Warp Beam
5. Pile Beam
6. Shuttles
7. Drawing in hooks/Jacquard for Drawing in
8. Trolley for material handling

D) Space Requirement for Machines:

Sufficient space for working safely on Hand looms with all required accessories as listed above.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(i) Trainer (ratio Trainer to trainee 1:30)**

1. Degree/Minimum three year Diploma in Textile/Carpet Technology/ Handloom Technology
2. Industrial experience in a Carpet weaving plant /handloom unit/ educational institute preferably for a minimum of 3 years
3. Knowledge of woven Carpet designs
4. Conversant with use of computer
5. Trained by RSA (should get trained within 3 months of starting work as Trainer)
6. Ability to communicate in local language
7. Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:15)

1. Minimum 8th Passed.
2. Minimum 5 years of experience as a Carpet weaver on Handloom.
3. Conversant with basic operation / maintenance of the Handloom.
4. Experience of training the apprentices is desirable
5. Good communication skill
6. Ability to communicate in local language
7. Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Carpet Weaver (Knotted)****Course Code: HCS/Q5701****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical Training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
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under Samarth**

16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Carpet Knotted Machine: Machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Loom for carpet Weaving
2. Iron Rod for warp 2 nos.
3. Loom size iron Rod 2 nos.
4. Pile Cutter(Chura)
5. Upper Beam & Lower Beam
6. Iron Panja for Beat-Up
7. Wooden Gulla & Kamana for Warp Shed Separation
8. Trolley for material handling

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for working safely on Hand looms with all required accessories as listed above.

E) Human Resource Requirements:**(iii) Trainer (ratio Trainer to trainee 1:30)**

- Degree/Minimum three year Diploma in Textile / Carpet Technology/ Handloom Technology
- Industrial experience in a Carpet weaving plant /handloom unit/ educational institute preferably for a minimum of 3 years
- Knowledge of woven Carpet designs
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(iv) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 8th Passed.
- Minimum 5 years of experience as a Carpet weaver on Handloom.
- Conversant with basic operation / maintenance of the Handloom.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Carpet Weaver (Tufted)****Course Code: HCS/Q5702****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Adhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
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under Samarth**

16. Clean drinking water facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
18. Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements:

Carpet Tufting Machine: Machine to Trainee ratio 1:5

C) Accessories/ Ancillaries Required:

1. Tufting Frame
2. Tufting Gun
3. Tufting Cloth
4. Latex Adhesive
5. Action Back Net
6. Cotton Tape
7. Trolley for material handling

D) Space Requirement for Machines:

Sufficient space for working safely on Hand looms with all required accessories as listed above.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****E) Human Resource Requirements:****(v) Trainer (ratio Trainer to trainee 1:30)**

- Degree/Minimum three year diploma in Textile/Carpet Technology/Handloom Technology
- Industrial experience in a weaving plant /handloom unit/ educational institute preferably for a minimum of 5 years
- Knowledge of woven Carpet designs
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(vi) Training Assistant (ratio Training Assistant to trainee 1:15)

- Minimum 8th Passed.
- Minimum 5 years of experience as a Carpet weaver on Handloom.
- Conversant with basic operation / maintenance of the Handloom.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Vanya Silk Reeling & Spinning Manufacturer****Code: TC SILK 01****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq. ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing



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pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:10)

1. Reeling cum twisting machine.
2. Buniyaad reeling machine.
3. Wet reeling machine
4. Motorised cum pedal operated spinning machine(Ring /flyer type)
5. Cocoon cooking technology/equipments (Open Pan/Two Pan/Pressurized)
6. Volume based cocoon sorting machine
7. Re-reeling machine
8. Skeinning & book making Machine.
9. Epprouvette

C) Accessories/ Ancillaries Required:

1. Tools box
2. Sufficient no. of spares according to machines working
3. Hot water and softener solutions
4. Baskets and Tubs according to uses etc.
5. Drying equipments etc.
6. Degumming solutions
7. Silk Cocoons as a raw material
8. Threads



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9. Electronic balance
10. Clean cloth
11. Appropriate Personal Protective Equipment like Ear plugs, mask, gloves, shoes etc.

D) Space Requirement for Machines:

Sufficient space for safe operation of Silk Reeling & Spinning Manufacturing operations and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:

(i) Trainer (Trainer to trainee ratio 1:30)

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Handloom Technology or higher qualification in relevant field.
- Minimum 2 years of Industrial experience in Silk Reeling & Spinning Manufacturing unit.
- Conversant with use of computer.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a silk reeling & spinning manufacturing operator/supervisor.
- Conversant with basic operation/maintenance of the silk reeling & spinning related machines / process.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Mulberry Silk Reeling Manufacturer****Code: TC SILK 02****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing



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pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:10)

1. Cocoon Sorting Machine and assessment gadgets.
2. Hot Air Drying/Steam Stifling Machine
3. Storage Racks
4. Cocoon cooking equipments – Open Pan/Three Pan/Pressurised batch cooking/Conveyor cooking machine
5. Reeling Machines –Charkha, Cottage basin, Multi end, Semi-Automatic
6. Reel permeation chamber
7. Close type re-reeling machine.
8. Skeinning & book making M/c
9. Epprouvette

C) Accessories/ Ancillaries Required:

1. Steam Boiler
2. Tools box
3. Sufficient no. of spares according to machines working
4. Hot water and softener solutions
5. Baskets and Tubs etc.
6. Cottage basin
7. Electronic balance
8. Silk Cocoons as a raw material

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9. Threads

10. Appropriate Personal Protective Equipment like Ear plugs, mask, gloves, shoes etc.

D) Space Requirement for Machines:

Sufficient space for safe operation of Mulberry Silk Reeling Manufacturing operations and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (Trainer to trainee ratio 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Handloom Technology or higher qualification in relevant field.
- Minimum 2 years of Industrial experience in Mulberry Silk Reeling Manufacturing unit.
- Conversant with use of computer.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Mulberry Silk Reeling Manufacturing operator/supervisor.
- Conversant with basic operation/maintenance of the Mulberry Silk Reeling Manufacturing related process/operations.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Silk Weaving Manufacturer****Code: TC SILK 03****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing



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pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

1. Soaking unit with all its accessories
2. Winding, Doubling and Twisting unit with all its accessories
3. Warping Machine with all its accessories
4. Pirn winding unit with all its accessories
5. Handloom / Powerloom / Shuttle-less looms with all its accessories

C) Accessories/ Ancillaries Required:

1. Tools box
2. Sufficient no. of spares according to machines working
3. Raw material
4. Various types of reed (reed count)
5. Heald wires and drop pins according to uses
6. Humidification plant (Optional)
7. Material storages and transport channels/medium
8. Empty bobbins / pirns, beams
9. Peg plan, card lacing
10. Harnesses for jacquard
11. Computer Aided Textile Designing
12. Weighing balance
13. Beam lifting Trolley
14. Chemical and auxiliaries for machines

**TEXTILES COMMITTEE**Infrastructure Requirements for
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under Samarth**

15. Drawing and denting equipments

16. Appropriate Personal Protective Equipment like Ear plugs, mask, gloves, shoes etc.

D) Space Requirement for Machines:

Sufficient space for safe operation of Silk Weaving Manufacturing process/operations and to utilize all the accessories. It is suggested to impart this type of training of above job roles at premises of relevant industry (actual production site) for better understanding.

E) Human Resource Requirements:**(i) Trainer (Trainer to trainee ratio 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/ Textile Engineering/Handloom Technology or higher qualification in relevant field.
- Minimum 2 years of Industrial experience in Silk Weaving Manufacturing unit.
- Conversant with use of computer.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Silk Weaving Manufacturing operator/supervisor.
- Conversant with basic operation/maintenance of the Silk Weaving Manufacturing related operations/processes.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Silk Wet Processing Manufacturer****Code: TC SILK 04****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing

**TEXTILES COMMITTEE**Infrastructure Requirements for
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pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:10)

1. Water bath
2. Beaker/Vat/Tub Dyeing Machine
3. Lab. Winch / Padding Mangle with all accessories.
4. Water Softening plant
5. Printing Table with Blocks and Screens.
6. Steam Ager
7. Hydro extractor
8. Colour Matching Cabinet
9. Epprouvette
10. Boiler for steam / hot waters

C) Accessories/ Ancillaries Required:

1. Tools box
2. Sufficient no. of spares according to machines working
3. Different types of dyes (Natural, Reactive, Acid dyes, Metal-Complex etc.)
4. Printing Paste etc.
5. Major Testing equipments
6. Chemicals and Auxiliaries
7. Storages racks and baskets
8. Shade matching cards
9. Electronic weighing balance



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10. Appropriate Personal Protective Equipment like Ear plugs, mask, gloves, shoes etc.

D) Space Requirement for Machines:

Sufficient space for safe operation of Silk Wet Processing Manufacturing operations/processes and to utilize all the accessories. It is suggested to impart this type of training of above job roles at premises of relevant industry (actual production site) for better understanding.

E) Human Resource Requirements:

(i) Trainer (Trainer to trainee ratio 1:30)

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Handloom Technology or higher qualification in relevant field.
- Minimum 2 years of Industrial experience in Silk Wet Processing Manufacturing unit
- Conversant with use of computer.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of experience as a Silk Wet Processing Manufacturing operator/supervisor.
- Conversant with basic operation/maintenance of the Silk Wet Processing Manufacturing related operations/processes.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Surgical Mask Machine Operator****Code: TC TT 01****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq. ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing



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pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Programmable Logic Controller (PLC) based Surgical Mask Making Machine with complete line of operation to make the end product in working condition (Fully Automatic).

C) Accessories/ Ancillaries Required:

1. Tool box
2. Cutting tools
3. Nonwoven fabric rolls as a raw material suitable for mask.
4. Non woven layer containing carbon (Optional)
5. Inner and outer layer of PP spun bond and Middle layer of Melt blown non woven layers
6. Nose wire
7. Glue
8. Elastic tape
9. Hip bags for waste collection for each trainee
10. Humidification plant with exhaust system (Optional)
11. Sufficient no. of spares according to machines working
12. Appropriate Personal Protective Equipment like Ear plugs, face masks, gloves, Shoes etc. for each person.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of surgical mask making machine and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (Trainer to trainee ratio 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Technical Textiles with minimum one year Industrial experience in surgical mask making unit **OR** Minimum Graduate with minimum 5 years Industrial experience in surgical mask making unit as an operator/supervisor.
- Conversant with use of computer.
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of industrial experience as a surgical mask making machine operator/supervisor.
- Conversant with basic operation/maintenance of the surgical mask making machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Sanitary Napkin Machine Operator****Code: TC TT 02****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth**

pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Sanitary napkin making machine with complete line of operation in working condition- Pulp pulverizer unit (Wood pulp pulverizer), super absorbent polymer feeding unit, Engraving cum top sheet feeding unit, Bottom film feeding unit, Back Release paper unit & Cutting unit, Wings release paper unit, packing cum sealing unit.

C) Accessories/ Ancillaries Required:

1. Nonwoven top sheet
2. Core Sheet
3. Superabsorbent polymers (SAP),
4. PE film
5. Release paper
6. Hot melt gum
7. Hip bags for waste collection for each trainee
8. Humidification plant with exhaust system (Optional)
9. Sufficient no. of spares according to machines working
10. Appropriate Personal Protective Equipment for each trainee like Ear plugs, face masks, shoes etc.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of sanitary napkin making machine and to utilize all the accessories as mentioned above.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Technical Textiles with minimum one year Industrial experience in sanitary napkin making unit **OR** Minimum Graduate with minimum 5 years Industrial experience in sanitary napkin making unit as an operator/supervisor.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of Industrial experience as a sanitary napkin making machine Operator/Supervisor.
- Conversant with basic operation/maintenance of the sanitary napkin making machine.
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Needle Punch Nonwoven Machine Operator****Code: TC TT 03****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing



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pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Needle Punch Nonwoven Machine with complete line of operation in working condition- opening and mixing unit, carding unit, lapping unit, needle punching unit and calender unit.

C) Accessories/ Ancillaries Required:

1. Raw materials as per requirement of Nonwoven
2. Sufficient no. of spares according to machines working
3. Gauges & tools, cutting tools
4. Weighting balance
5. Needles
6. Rolls
7. Hip bags for waste collection for each trainee
8. Humidification plant with exhaust system (Optional)
9. Appropriate Personal Protective Equipment like Ear plugs, face masks, shoes etc.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of Needle Punch Nonwoven Machine and to utilize all the accessories related to it.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Technical Textiles with minimum one year Industrial experience in needle punch nonwoven manufacturing unit **OR** Minimum Graduate with minimum 5 years Industrial experience in needle punch nonwoven manufacturing unit as an operator/supervisor.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of Industrial experience as a needle punch nonwoven machine operator/supervisor.
- Conversant with basic operation/maintenance of the needle punch nonwoven machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Thermal Bonded Nonwoven Machine Operator****Code: TC TT 04****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing



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SUPPORT AGENCY
under Samarth**

pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

Thermal Bonded Nonwoven Machine with complete line of operation in working condition- opening and mixing unit, carding unit, lapping unit, thermal bonding unit (Hot calendaring/through-Air thermal bonding/ultrasonic bonding/Radiant-heat bonding unit).

C) Accessories/ Ancillaries Required:

1. Basic fibres raw materials as per requirement of Nonwoven
2. Binder materials
3. Binding fibres material
4. Binding powder
5. Binding web materials
6. Hip bags for waste collection for each trainee
7. Humidification plant with exhaust system (Optional)
8. Sufficient no. of spares according to machines working
9. Appropriate Personal Protective Equipment for each trainee like Ear plugs, face masks, shoes etc.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of thermal bonded nonwoven machine and to utilize all the accessories.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Technical Textiles with minimum one year Industrial experience in thermal bonded nonwoven manufacturing unit **OR** Minimum Graduate with minimum 5 years Industrial experience in thermal bonded nonwoven manufacturing unit as an operator/supervisor.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of industrial experience as a thermal bonded nonwoven machine operator/supervisor.
- Conversant with basic operation/maintenance of the thermal bonded nonwoven machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Chemical Bonded Nonwoven Machine Operator****Code: TC TT 05****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility
17. A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing



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pad, etc. to be provided to each trainee in a particular batch.

18 Signage Board required

- a) On Institute building prominently displaying institute name and scheme name (Samarth).
- b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
- c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.

19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.

20. Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

- Chemical Bonded Nonwoven Machine with complete line of operation in working condition- opening and mixing unit, carding unit, lapping unit, chemical bonding unit (saturation bonding process/spray Technique/Foam Technique/Print Technique of Chemical Bonding/Powder bonding)
- Drying of Chemical Bonded Nonwovens Machines (drum drying/belt drying/stenter drying/Infrared drying)

C) Accessories/ Ancillaries Required:

1. Raw materials – fibres as per requirement of Nonwoven
2. Chemical binder materials
3. Adhesive powder
4. Hip bags for waste collection for each trainee
5. Humidification plant with exhaust system (Optional)
6. Sufficient no. of spares according to machines working
7. Appropriate Personal Protective Equipment like Ear plugs, face mask, shoes etc for each trainee.

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of chemical bonded nonwoven machine and to utilize all the accessories.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Technical Textiles with minimum one year Industrial experience in chemical bonded nonwoven manufacturing unit **OR** Minimum Graduate with minimum 5 years Industrial experience in chemical bonded nonwoven manufacturing unit as an operator/supervisor.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of industrial experience as a chemical bonded nonwoven machine operator/supervisor.
- Conversant with basic operation/maintenance of the chemical bonded nonwoven machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****Course Name: Textile Coating Machine Operator****Code: TC TT 06****A) General Criteria for conducting training (Batch Size-max 30):**

1. A well ventilated, cleaned and suitably illuminated separate class room measuring not less than 10 Sq.ft. per trainee.
2. A separate practical area (having requisite machinery for training) with not less than 10 Sq.ft. per trainee or sufficiently earmarked area designated for practical training in the industry not less than 10 Sq.ft. per trainee.
3. The class room shall be equipped with
 - a. Study chairs for accommodating all trainees
 - b. Dias for the Training Assistant (Desirable)
 - c. White board/ Black Board with duster and markers
 - d. LCD projector with screen
 - e. Computer/laptop connected to LCD projector with speakers
4. Two Computer systems for use by Training Assistants and trainees (Desirable).
5. Working Aadhaar Enabled Biometric Attendance System with power backup.
6. Internet facility
7. CCTV camera with adequate resolution to clearly cover the whole area of classroom.
8. CCTV recordings to be preserved for the period of one year.
9. A library with at least 20 relevant titles for use by Training Assistants and trainees (Desirable)
10. Office room or reception area of around 100 Sq ft. for counseling with facility for safe storage of stationary and other items (Desirable)
11. Separate washroom facility for male and female
12. Ramps, Lifts and Toilets for differently-abled people, wherever required.
13. Availability of firefighting equipments
14. Availability of first aid facility
15. Availability of minimum of 2 numbers of dustbins.
16. Clean Drinking Water Facility



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under Samarth**

- 17 A Training Kit comprising of official Course booklet of RSA, pen, pencil, writing pad, etc. to be provided to each trainee in a particular batch.
- 18 Signage Board required
 - a) On Institute building prominently displaying institute name and scheme name (Samarth).
 - b) Signage Board inside classroom:- course details, duration of course, NSQF level of course, benefits of the scheme, placement tie up details, name & contact details of coordinator for the center and name of internal quality audit team.
 - c) Signage Board inside classroom for soft skill like no smoking, no spitting etc.
19. Trainee shall be required to provide feedback about the quality of the training and same should be available with the center.
- 20 Documentation on internal quality audit team (to audit the functioning of training center) and its report to be preserved.

B) Machine Requirements: (Machine to Trainee ratio 1:30)

- Textile coating machine in working condition (Dip coating, Calendaring, Direct Roll Coating, Knife Coating, Reverse Roll Coating, Rotary Screen Coating, Transfer Coating, Extrusion Coating, Gravure or Engraved roll coating, Spray Coating, Air-knife coating, Metering rod coating, Foamed and Crushed Foam Coating, Dry Powder Coating, Curtain Coating, Kiss Roll Coating).
- Drying of coated fabric machines
- Curing unit

C) Accessories/ Ancillaries Required:

1. Textile substrate used for coating
2. Coating materials
3. Hip bags for waste collection for each trainee
4. Humidification plant with exhaust system (Optional)
5. Sufficient no. of spares according to machines working
6. Appropriate Personal Protective Equipment like ear plugs, face mask, shoes, etc. for each trainee

**TEXTILES COMMITTEE**Infrastructure Requirements for
Implementing Partners**RESOURCE
SUPPORT AGENCY
under Samarth****D) Space Requirement for Machines:**

Sufficient space for safe operation of textile coating machine and to utilize all the accessories.

E) Human Resource Requirements:**(i) Trainer (ratio Trainer to trainee 1:30)**

- Degree/minimum three year Diploma in Textile Technology/Textile Chemistry/Textile Engineering/Technical Textiles with minimum one year Industrial experience in textile coating machine unit **OR** Minimum Graduate with minimum 5 years Industrial experience in textile coating machine unit as an operator/supervisor.
- Conversant with use of computer
- Trained by RSA (should get trained within 3 months of starting work as Trainer)
- Ability to communicate in local language
- Good communication skill

(ii) Training Assistant (ratio Training Assistant to trainee 1:30)

- Minimum 10th Passed.
- Minimum 5 years of industrial experience as a textile coating machine operator/supervisor
- Conversant with basic operation/maintenance of the textile coating machine
- Experience of training the apprentices is desirable
- Good communication skill
- Ability to communicate in local language
- Conversant with use of safety gadgets