



Government of India

Ministry of Textiles

Request for Proposals (RFP)

for

Textiles Industry/

Associations registered under Central or State

Government/Chambers of Commerce of Central or State Government

**Empanelment of Implementing Partners for
undertaking training programme in the
Technical Textiles Sector
under**

“समर्थ(Samarth)”

**Scheme for Capacity Building in Textiles Sector
(SCBTS)**

Online Proposal Submission Start Date	16.09.2020
Online Proposal Submission End Date	06.10.2020

1. Introduction

- (i) The textile and apparel industry is one of the earliest industries developed in India. Its entire value chain from fiber to apparel manufacturing has a strong presence within the country. It is the biggest employer after agriculture. In order to meet the skill gap in the industry and also to supplement the efforts of the Ministry initiated through the Special Package for Garments and Made-ups in generating employment, the Government has approved the new scheme titled “Scheme for Capacity Building in Textiles Sector” for the entire value chain of textiles except Spinning and Weaving in the organized sector, for a period of three years from 2017-18 to 2019-20 with an outlay of Rs. 1300 crore. The Scheme for Capacity Building in Textile Sector shall be known by the name “समर्थ(Samarth)”.
- (ii) The scheme targets to train 10 lakh persons (9 lakh in Organized& 1 lakh in traditional sector).
- (iii) With the increasing demand of skilled manpower in technical textiles segments and also its requirement in various applications ranging from agriculture, geo-textiles, medical textiles, sportswear on one end to bulletproof jacket, fireproof jackets, high altitude combat gear and space applications on other end of spectrum, Ministry is launching a Request for Proposal (RFP) for empanelling Implementing Partners to provide employment linked skilling programme in specialized courses in technical textiles segment.

2. Objectives

- (i) To provide demand driven, placement oriented National Skills Qualifications Framework (NSQF) compliant skilling programmes to incentivize and supplement the efforts of the industry in creating jobs in the technical textiles segment.

3. Terms and Conditions

- (i) The Ministry through this RFP intends to empanel Textile Industry / Textile Industry Associations registered under Central/ State Government/Chambers of Commerce of Central/ State as Implementing Partners (IPs) to undertake training programmes in the Technical Textiles Sector on the terms and conditions as stipulated in the scheme guidelines which have been issued on 23rd April, 2018 and as amended from time to time.
- (ii) The empanelment of Implementing Partners will be based on the following parameters:
 - a. Organization credentials.
 - b. Financial strength.

- (iii) Empanelment of the agencies will be provisional and target for training under the scheme will be awarded to the agency subject to the availability of the training target, budget and training capacity as laid down by the Ministry from time to time.
- (iv) Trainees under the scheme will be selected through a transparent and inclusive process. The trainee must be a citizen of India possessing an Aadhaar Card (unless exempted under Aadhaar Act, 2016) with age over 14 years. Preference will be given to the marginalized social groups like women, SC/ST, differently-abled persons, minorities and persons from the BPL category.
- (v) A minimum of 80% attendance during training is mandatory for a trainee to be eligible for assessment. Aadhaar Enabled Biometric Attendance System integrated with centralized MIS will be adopted to ensure real time attendance of the trainers and the trainees.
- (vi) **Infrastructure for conduct of Training:** The IP must possess the requisite training infrastructure as attached with this RFP and also laid down in the Training Centre(TC) infrastructure protocol downloadable from the Samarth website(<https://samarth-textiles.gov.in>).
- (vii) **Trainer:** Each of the training centre will be run by a qualified trainer and support staff. The capacity of the trainers shall be enhanced through a comprehensive Training of Trainers (ToT) Programme. Training of Trainers will be conducted by the Resource Support Agency (RSA) of Samarth and Sector Skill Councils in line with the common norms and guidelines of MSDE.
- (viii) **Course Content:** Only the courses which are aligned with NSQF and approved by the RSA will be offered to the trainees. The content for each course/programme shall be need-based to meet the highest standards and requirements of the related industry segment, including awareness about labour laws, and will be designed by the RSA in consultation with the industry. Use of multimedia content and other applications of Information Technology (IT) would be encouraged.
- (ix) Mandatory CCTV recording has to be done for the entire training programme. Recordings have to be kept by Implementing Partners (IP) for a minimum period of one year from the date of completion of training programme.
- (x) **Assessment and Certification:** Third Party Assessment and Certification will be mandatory for all the eligible trainees. The RSA will specify the assessment protocol and procedure in +line with the Common Norms of the MSDE. Assessment Agencies will be required to ensure video recording of the entire

assessment process and record to be kept for one year from date of assessment.

- (xi) **Placement:** The IP shall provide placement to 70% of successfully certified trainees, trained in organized sector under the scheme in wage employment.
- (xii) **Post Placement Tracking:** Each trainee will be tracked by the IP for a period of one year from the date of certification of training. The IP will be required to upload the details of placement and tracking on MIS every month alongwith the supporting documentary proof.
- (xiii) **Funding:** The assistance under the scheme will be only towards the cost heads (refer para 7.4.1. of the scheme guidelines) covered under the Common Norms of the MSDE and agreed to by the Ministry under this scheme. Detailed costing of training programme under “Samarth” may be referred to at annexure-III of the scheme guidelines.
- (xiv) Where any implementing partner is already obtaining assistance from GOI or State Government under any other scheme for any cost component or where Government infrastructure is involved in the training, appropriate deduction from GOI share shall be made as per the cost norms notified by MSDE from time to time.
- (xv) Sub-contracting / sub-letting of the training programme, fully or partially under the scheme is strictly prohibited. Any direct or indirect evidence of sub-contracting / sub-letting will result in cancellation of the training target allocated to the agency and will also attract penalty under the agreement and including forfeiture of Performance security.
- (xvi) In the case of Textile Industry units, allocation of training target is for meeting the captive requirement of skilled manpower in their Industry units.
- (xvii) In the case of Industry Associations allocation of training target is for meeting the captive requirement of skilled manpower of its Member/ Partners.
- (xviii) Textile Industry can either submit application directly for empanelment or can participate in the training programme under the banner of Industry Association / Chamber of Commerce etc., subject to fulfilling eligibility criteria as per the para 4 of the RFP.
- (xix) The empanelment of agencies will be valid till March, 2021.
- (xx) For more details in respect of any point, please refer to the scheme guidelines issued on 23rd April, 2018 as amended from time to time (available at www.texmin.nic.in/ or Samarth website <https://samarth-textiles.gov.in>).

4. Minimum Qualification Criteria

4.1 Types of Applicant

The skilling programme will be implemented through the following Implementing Partners and they would be in existence as such for a period of at least five years:

- (i) A company engaged in production of textile related item in India as per MOA, which is incorporated under Indian Companies Act.
- (ii) An Industry Association related with Textile Sector
- (iii) Chamber of Commerce registered with Ministry / Department under Central or State Government.

4.2 Minimum Turnover

S. No.	Type of Organization	Minimum Average Turnover (based on the average of last three financial years)
1	Company (Textile Industry)	Rs. 5 crores
2	Associations registered under Central/ State Government/Chambers of Commerce registered with Ministry / Department under Central or State Government	Rs. 50 lakh

5. General Conditions

The interested applicant will be required to apply online through MIS (Samarth portal) following the under mentioned process:

- (i) The submission of proposal by Consortium/Group of Entities/ proprietorship firm is not permitted under the Scheme.
- (ii) The applicant should pay application processing fee (non-refundable) of Rs. 25,000/- in the form of Demand Draft (DD) drawn in favour of Pay and Accounts Officer, Ministry of Textiles, New Delhi. The original DD will have to be sent to the Under Secretary, HRD, Udyog Bhawan, Ministry of Textiles, New Delhi within 7 days of submission of application in online. A scanned of this DD to be uploaded in MIS (Samarth Portal) while submitting the application. The proposal will be treated as incomplete and cancelled in case of non-receipt of Original DD in the Ministry.
- (iii) Empanelment of applicant is based on meeting the “**Minimum Qualification Criteria**” as for availing assistance under the scheme prescribed in this RFP.

- (iv) Applicant will be required to submit a Performance Security in the form of bank guarantee to the tune of 5% of the total eligible government funding at the time of signing of Memorandum of Agreement which will remain valid for a period of sixty days beyond the date of completion of the project.
- (v) The Applicant will utilize the funds released to it for the purposes for which the same are sanctioned. Under no circumstances, the funds will be utilized for purposes other than those specified under the project.
- (vi) Applicant shall be responsible for training center's infrastructure resources, trainee mobilization, assessment & certification, placement and post placement tracking as per the scheme guidelines. Any amendments to the scheme guidelines shall be applicable and binding on the empaneled IP.
- (vii) Any applicant who is found to have a Conflict of Interest shall be disqualified. The conflict of Interest will arise if:
 - a) A constituent/ principal of such applicant is also a constituent/ principal of another applicant; or
 - b) such applicant or any associate is an existing consultant to the Ministry or its organization in the preparation of any documents, design or technical specifications of the scheme.
- (viii) An applicant shall be liable for disqualification if any legal, financial or technical adviser of the Ministry in relation to the scheme is engaged by the applicant, its member or any associate thereof, as the case may be, in any manner for matters related to or incidental to the project.
- (ix) The applicant shall open a separate dedicated Escrow Bank Account for conducting training programme under the scheme and also to map on Public Financial Management System (PFMS).
- (x) Any entity which has been barred by the Central/ State Government, or any Ministry under, from participating in any project (PPP or otherwise) would not be eligible to apply. An undertaking to this effect has to be furnished by the agency in the prescribed format.
- (xi) Notwithstanding anything contained in this RFP, the Ministry reserves the right to accept or reject any or all application and to annul the selection process at any time without any liability or any obligation for such acceptance, rejection or annulment, without assigning any reason thereof.
- (xii) Applicants requiring any clarification on the RFP may send their queries via email at samarth-mot@gov.in. The Ministry will respond to the queries within a period of 10 (Ten) days. However, the Ministry reserves the right not to respond to any query or provide any clarification, in its sole discretion and nothing in this

Clause shall be taken or read as compelling or requiring the Ministry to respond to any question or to provide any clarification.

- (xiii) The Ministry may also on its own motion, if deemed necessary, issue interpretations and clarifications which shall be duly uploaded on the Ministry's website (www.texmin.nic.in). All clarifications and interpretations issued by the Ministry shall be deemed to be a part of the RFP.
- (xiv) The Ministry may, for any reason, whether at its own initiative or in response to clarifications requested by any applicant, modify the RFP by the issuance of Addenda.
- (xv) The empanelment of agencies will be entirely at the discretion of the Ministry. The applicants will be deemed to have understood and agreed that no explanation or justification on any aspect of the empanelling process will be given.
- (xvi) The Ministry reserves the right to reject any application which is incomplete in any respect and no request for alteration, modification, substitution or withdrawal shall be entertained by the Ministry thereof.
- (xvii) The agency will furnish details of the training centre(s) available along with the seating capacity and relevant machines as per the course curriculum proposed. In support of the above criteria, the agency will submit the available Training Infrastructure and other details as per the prescribed format given in with supporting documents thereof. The training infrastructure will be verified physically by the authorized agencies appointed by the Ministry of Textiles and minimum training requirement will have to be submitted online.
- (xviii) Acknowledging the high levels of employment of women in the sector after the training, all partner institutions and employers will be required to comply with the guidelines regarding Internal Complaints Committee to be constituted under the Sexual Harassment of Women at Workplace (Prevention, Prohibition & Redressal) Act, 2013 to become eligible for funding under the scheme
- (xix) The implementing partners are encouraged to skill Divyang Jan for the Jobs Roles as defined by Department of Empowerment of Persons With Disabilities, Ministry of Social Justice and Empowerment in conjunction with NSDA.
- (xx) The Training Centre capacity would be calculated as described below:
 - Duration of course**– 300hrs subject to maximum training period of 2 months including 8 hours of training per day and holidays.
 - No. of batches in a year** - 6 batches (N) subject to maximum capacity of 30 trainees per batch (R)
 - So training capacity = (N)X(R) =6X30=180 trainees per training centre/year

6. Document to be submitted in online proposal

6.1 Organization Credentials

All the following documents have to be uploaded in the online application:

- (i) Application Processing Fee (scanned copy of Demand Draft of requisite amount). Original DD is required to be sent to the Ministry of Textiles.
- (ii) Details of the applicant entity with contact number and email id (on the letter head of the organization)
- (iii) Power of Attorney for Signing of Application (on the letter head of the organization). The authorized person having power of Attorney for signing of application will only be allowed to submit the application with his valid Digital Signature Certificate.
- (iv) A copy of the PAN Card
- (v) Online declaration form by the applicant entity for not having been barred by the Central/State government or any of its bodies including CPSEs for any project (on letter head of the organization) and it is to be digitally signed.
- (vi) In the case of company documents in support of legal existence of the applicant entity (s) e.g. Certificate of Incorporation, Registration License under Section 25 of the Indian Companies Act, 1956 etc.
- (vii) In the case of Textiles Associations document in support of legal existence of the applicant entity example Certificate of Registration of Society / Trust Deed / License under Section 25 of Companies Act, 1956 / License under Section 8 of Companies Act, 2013 / Registration document under Chambers of Commerce.
- (viii) Copy of Charter document/ Memorandum of Association/ Articles of Association.
- (ix) An affidavit/notarized self-declaration to the effect of providing training and requisite percentage of trainees in wage employment as per scheme guidelines.
- (x) An undertaking stating that existing employee will not be trained under the scheme.

6.2 Minimum Average Turnover

Audited Annual Financial Statement of the last 3 years and Statutory Auditor's Certificate in the prescribed format. Detailed information along to be filled up online.

7. General Instructions for submission of application

- (i) Applicant shall be required to apply online through <http://samarth-textiles.gov.in> in response to this RFP document. Acknowledgement receipt will be generated on successful submission of online application.

- (ii) As part of the enrolment process, the applicants will be required to enter a valid and active email address and assign a password for their accounts.
- (iii) Applicants are advised to register their valid email address and mobile numbers as part of the registration process. These email-ids would be used for any communication from the Ministry of Textiles.
- (iv) The Application shall be digitally signed by the authorized signatory of the applicant.
- (v) During registration, the applicants will be required to register through their valid ePass2003 / ePass2003Auto Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by India CCA.
- (vi) Only one valid DSC should be registered by an applicant. Please note that the applicants are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- (vii) Applications submitted by fax, e-mail and hard copy shall not be entertained and shall be rejected.
- (viii) Failure to furnish the required information in the application or submitting incomplete application may result in the rejection of the application.
- (ix) This RFP will remain open from 16.09.2020 to 06.10.2020.
- (x) Applicants should take into account any corrigendum published on the RFP document before submitting their bids.
- (xi) The Applicant has to digitally sign and upload the required supporting documents one by one as indicated in the RFP document.
- (xii) Applicant should log into the Samarth portal well in advance for application submission so that they can upload the application in time i.e. on or before the application submission time. Applicant will be responsible for any delay due to other issues.

Annexure I**List of Technical Textiles Courses developed by RSA**

Sr. No.	Name of the Sector	Name of the Module	Course Code	NSQF Level	Duration of the Course (in Hours)
1	Technical Textiles	Surgical Mask Machine Operator	TC TT 01	3	300
2		Sanitary Napkin Machine Operator	TC TT 02	3	300
3		Needle Punch Nonwoven Machine Operator	TC TT 03	3	300
4		Thermal Bonded Nonwoven Machine Operator	TC TT 04	3	300
5		Chemical Bonded Nonwoven Machine Operator	TC TT 05	3	300
6		Textile Coating Machine Operator	TC TT 06	4	300

*This list is tentative and subject to modifications from time to time.

Annexure II**Infrastructure Requirements for Technical Textiles Courses developed by RSA****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

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.

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

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

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.

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

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

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.

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

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

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.

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

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

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.

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

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

- 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, Calendering, 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

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