







# **Model Curriculum**

**QP Name: Handloom Entrepreneur** 

QP Code: TSC/Q7801

QP Version: 2.0

**NSQF Level: 5** 

**Model Curriculum Version: 1.0** 

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# **Training Parameters**

Sector	Textile
Sub-Sector	Handloom & Khadi
Occupation	Handloom Business
Country	India
NSQF Level	5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7318.99
Minimum Educational Qualification and Experience	Graduation in the relevant field (OR) 1st year UG pursuing (OR) 2nd year UG pursuing (OR) 2 Year diploma (after class 12th) in the relevant field (OR) 1 Year diploma (after 12th) and pursuing continuous regular education
Pre-Requisite License or Training	NA
Minimum Job Entry Age	20 Years
Last Reviewed On	29.09.2022
Next Review Date	29.09.2025
NSQC Approval Date	
QP Version	2.0
Model Curriculum Creation Date	29.09.2022
Model Curriculum Valid Up to Date	29.09.2025
Model Curriculum Version	1.0
Minimum Duration of the Course	660 Hours
Maximum Duration of the Course	660 Hours







## **Program Overview**

This section summarizes the end objectives of the program along with its duration.

#### **Training Outcomes**

- Conduct market survey, research and analysis.
- Perform activities to start and operate the business.
- Coordinate with the team for administrative and finance activities.
- Design, deliver and supervise quality textile products.
- Perform marketing and sales activities for increasing the customer base.
- Maintain work area, tools and machines as per guidelines.
- Follow greening and energy conservation activities as per guidelines.
- Follow protocols and guidelines for health, safety and security at workplace.
- Communicate and work effectively in a team.
- Comply with organizational and industry standards.
- Adhere to adaptability protocols and measures.
- Practise Employability skills in the routine work.

#### **Compulsory Modules**

The table lists the modules, their duration and mode of delivery.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
TSC/N7801: Conduct market survey, research and analysis Version 2.0 NSQF Level - 5	30:00	60:00 (Including Field Visit/ Project Work of 24:00 hrs)	-	-	90:00
Module 1: Introduction to textile and handloom sector	08:00	-	-	-	08:00
Module 2: Conduct market survey and analysis	22:00	60:00			82:00
TSC/N7802: Coordinate with team for finance and administrative activities Version 2.0 NSQF Level – 5	30:00	60:00 (Including Field Visit/ Project Work of 24:00 hrs)	-	-	90:00
Module 3: Manage administration activities	30:00	60:00	-	-	90:00







NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
TSC/N7803: Design, deliver and supervise for quality textile products Version 2.0 NSQF Level – 5	60:00	150:00 (Including Field Visit/ Project Work of 24:00 hrs)	-	-	210:00
Module 4: Produce quality textile products	60:00	150:00	-	-	210:00
TSC/N7804: Perform marketing and sales activities for increasing the customer base Version 2.0 NSQF Level – 5	30:00	90:00 (Including Field Visit/ Project Work of 24:00 hrs)	-	-	120:00
Module 5: Marketing and sales activity	30:00	90:00	-	-	120:00
TSC/N7805: Follow organizational health, safety and security for self and others in the handloom sector Version 2.0 NSQF Level – 5	30:00	60:00 (Including Field Visit/ Project Work of 24:00 hrs)	-	-	90:00
Module 6: Maintain health and safety in textile work area	30:00	60:00	-	-	90:00
DGT/VSQ/N0102. Employability Skills	24:00	36:00			60:00
<b>Total Duration</b>	204:00	456:00	-	-	660:00







## **Module Details**

# Module 1: Introduction to textile and handloom sector *Mapped to TSC/N7801*, v 2.0

- Describe the current scenario of textile and handloom sector in India.
- Discuss the available opportunities in handloom sector.

Duration: 08:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the objectives of skill development programs.</li> <li>Discuss the contribution of Indian textile and handloom sector to the country's economy.</li> <li>Describe the basics of textile operation along with the operational flow.</li> <li>Discuss about possibilities of improvement in the handloom sector.</li> </ul>	
Classroom Aids:	
Charts, Posters, Projector, Blackboard.	
Tools, Equipment and Other Requirements	
Computer with internet facility	







# Module 2: Conduct market survey and analysis *Mapped to TSC/N7801*, v 2.0

- Discuss the terms involved in conducting market survey and analysis in handloom sector.
- Perform task related to survey, analysing survey results, preparing business documents, etc.

Duration: 22:00	Duration: 70:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the various survey methods followed for business development.</li> <li>Discuss the various to be considered before initiating the survey.</li> <li>Describe the methods involved in analysing the survey results.</li> <li>Discuss the need of raising capital in developing the organization.</li> <li>Discuss the various government schemes available for business development.</li> <li>Discuss the various steps involved in registering a business activity.</li> <li>Describe the need for collecting quotation from various vendors.</li> </ul>	<ul> <li>Demonstrate the method of conducting survey at various sources.</li> <li>Demonstrate the method of analysing the survey.</li> <li>Demonstrate the process of preparing various documents for a business activity.</li> <li>Demonstrate the speaking/ negotiating skills in a group activity/ discussion.</li> </ul>
Classroom Aids:	
Charts, Posters, Projector, Blackboard.	
Tools, Equipment and Other Requirements	
Computer with internet facility, Field visit to the	nearby handloom unit for Project work/ Case
Study	







# Module 3: Manage administration activities *Mapped to TSC/N7802, v2.0*

#### **Terminal Outcomes:**

- Demonstrate the steps involved in recruiting man-power, financial activity, etc.
- Discuss the steps involved in managing the day-to-day managerial activity.

Duration: 30:00	Duration: 70:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the process involved in hiring the people for the business activity.</li> <li>List possible platforms available for the advertisement.</li> <li>Discuss the steps involved in formulating the key performances parameters for various job roles in an organization.</li> <li>Describe the various terms involved in finance and administration.</li> <li>Discuss the need for organising the documents in the organization.</li> <li>List various banking and non-banking financial institutions available for the business operation.</li> <li>Carry out basic financial calculations required for the day-to-day financial activity.</li> </ul>	<ul> <li>Prepare a draft plan for recruitment process with a process flow chart.</li> <li>Prepare a document with job role responsibilities for various identified personals in a handloom organization.</li> <li>Demonstrate mock interview process to recruit the manpower for the organization.</li> <li>Demonstrate the various activities involved in finance activities such as opening account, salary disbursement, etc.</li> <li>Demonstrate the method of keeping necessary records, ledger for the required for the business activity.</li> <li>Draft various letter formats such as employment offer, contract letter, etc.</li> </ul>
Classroom Aids:	
Charts, Posters, Projector, Blackboard.	

#### **Tools, Equipment and Other Requirements**

Computer with internet facility, Field visit to the nearby handloom unit for Project work/ Case Study







### Module 4: Produce quality textile products Mapped to TSC/N7803, v2.0

#### **Terminal Outcomes:**

- Demonstrate the steps involved in producing quality textile products as per the standard protocol.
- Discuss the requirements for good quality fabric production along with the process flow.

Duration: <i>60:00</i>	Duration: 140:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the quality standards of an identified textile product as per policies and guidelines.</li> <li>Discuss the need for production planning.</li> <li>Analyse the textile products construction particulars/ parameters as per the standard method.</li> <li>Discuss the various types of tools available for production planning.</li> <li>Calculate the raw material/ other processing auxiliaries.</li> <li>Discuss the basic terminologies involved in design, colour and fashion forecast.</li> <li>List the different types of textile materials along with the end uses.</li> <li>Discuss the various preparatory, production and finishing processes involved in a textile product production.</li> <li>Discuss the advanced textile product production techniques.</li> <li>Discuss the significance of computer and other software requirements in the handloom business activity.</li> </ul>	<ul> <li>Demonstrate the method of identifying the parameters of the identified textile material for development.</li> <li>Draw the processing/ production flow chart of the identified textile product.</li> <li>Demonstrate the methos of creating the design for the material wherever applicable.</li> <li>Demonstrate the method of segregating the raw materials as well the finished goods as per the standard method.</li> <li>Demonstrate the method of monitoring/ supervising the production activity as per the standard protocol.</li> </ul>

#### **Classroom Aids:**

Charts, Posters, Projector, Blackboard

#### **Tools, Equipment and Other Requirements**

Computer with internet facility, Field visit to the nearby handloom unit and the textile testing facility for Project work/ Case Study







# Module 5: Marketing and sales activity *Mapped to TSC/N7804, v2.0*

#### **Terminal Outcomes:**

- Demonstrate the steps involved in feedback collection, advertisement planning, sales report analysis, etc.
- Discuss the significance of marketing and analyzing the sales reports.

Duration: <i>30:00</i>	Duration: 70:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Discuss the need for customer base for a textile business activity.</li> <li>Discuss the various types of customer base of the identified textile product for the production.</li> <li>Discuss the need for production of zero-defect products as per the market standards.</li> <li>Discuss the significance of collecting feedback from the end users/ customers for the developed product.</li> <li>Discuss the factors influencing the price of a product.</li> <li>Describe the need for attractive package and advertisement for the developed textile product.</li> <li>Discuss the various factors involved in marketing and distributing the developed product.</li> <li>Discuss the various terms involved in analysing the sales report of product.</li> </ul>	<ul> <li>Demonstrate the method of collecting feedback for the end users / customers.</li> <li>Demonstrate the method of cost calculation and price fixation of an identified product for production as per the market demand.</li> <li>Demonstrate the preparation of concept and design of a packing material.</li> <li>Demonstrate the steps involved in conceptualization of advertisement for the identified textile product.</li> <li>Prepare a flow chart of operations involved distribution of a finished product from the post production operation.</li> <li>Demonstrate the methods of analysing the sales report of the textile product.</li> </ul>
Classroom Aids:	

Charts, Posters, Projector, Blackboard

#### **Tools, Equipment and Other Requirements**

Computer with internet facility, Field visit to the nearby handloom unit for Project work/ Case Study.







# Module 6: Maintain health and safety in the textile work area *Mapped to TSC/N7805 v1.0*

- Maintain the work area, tools and machines in handloom operation.
- Discuss the significance of maintaining production work place as per the standard guidelines.

Duration: 30:00	Duration: 70:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>State the significance of safe handling procedure of tools and equipment.</li> <li>Brief the importance and written instructions on the raw materials and tools.</li> <li>Quote the significance of minimizing the wastage of material, effort and time.</li> <li>Discuss the types and importance of PPE used in the textile production operation.</li> <li>Discuss the concepts of pollution control, soil conservation, waste management, recycle, forest conservation, global warming, organic products, etc.</li> <li>List the different sources of energy.</li> <li>Discuss the impact of using non-biodegradable materials on the environment.</li> <li>Evaluate the different ways to conserve energy in handloom operation.</li> <li>Discuss the significance of conserving environment and energy resources.</li> <li>Discuss the significance of specified usage of resources at work area.</li> <li>Discuss the impacts hazards of unsafe workplace conditions and procedures in the textile industry (operational, environmental, personal, ergonomic, chemical, and electric, fire) and methods to avoid hazards.</li> <li>Distinguish between the various types of fire extinguishers.</li> <li>Distinguish different types of alarms and their significance.</li> <li>List the different items in a First-Aid box.</li> <li>Discuss the correct work posture and importance of ergonomics for the assigned job role.</li> </ul>	<ul> <li>Demonstrate method of identification of appropriate tools and equipment for the production process.</li> <li>Prepare a draft schedule for cleaning and waste collection for the assigned job role.</li> <li>Demonstrate the method of segregation of recyclable, non-recyclable, hazardous wastes.</li> <li>Demonstrate the method of handling and storage of waste materials.</li> <li>Plan and implement the mock fire drills / evacuation at workplace.</li> <li>Demonstrate the application of first aid procedures for injury/accidents in mock situations.</li> <li>Demonstrate healthy lifestyle practises.</li> <li>Practice the systems like Quality circles, 5S, ISO, etc. in the routine work.</li> <li>Exhibit the steps to maintain a hygienic and healthy workplace.</li> <li>Prepare a sample performance report for a production task.</li> <li>Demonstrate the use appropriate verbal and non-verbal communication skills while interacting with others at workplace.</li> </ul>







- Discuss the significance of following organizational standard procedures, quality standards, rules, codes, policies and safety standards in handloom operation.
- Discuss the need for organizational quality systems, 5S, ISO, SA, etc. following in the handloom sector.
- Brief the importance of following work wear standards, behavioural protocols and etiquette in handloom sector.
- Describe the standard protocol for reporting lost and found material.
- Discuss the contents of organisation's formats and procedures for reporting production, defects, faults, material/tool requisition and quality parameters and task completed in the handloom operation.
- Discuss the importance of discipline and adhering to timelines and state the effects of non-compliances.
- Discuss the importance of teamwork and following industry protocols at workplace.
- Explain the limits and responsibilities for the assigned duties at handloom operation.
- Summarize emergency contact numbers, details of officials, reporting protocols and formats.
- List hierarchy of communication and communication etiquettes in the handloom operation.
- State the disadvantages of not adhering to team work and communication protocols.

#### **Classroom Aids:**

Charts, Posters, Projector, Blackboard.

#### **Tools, Equipment and Other Requirements**

Computer with internet facility, Field visit to the nearby handloom unit for Project work/ Case Study.







### **Module 7: Employability Skills**

- Discuss the importance of constitutional values of the citizen, goal setting, career development, financial and legal literacy.
- Demonstrate basic communicational and essential digital skills.







- Explain the types of entrepreneurship and enterprises.
- Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan.
- Describe the 4Ps of Marketing-Product,
   Price, Place and Promotion and apply
   them as per requirement.
- Describe the significance of analyzing different types and needs of customers.
- Explain the significance of identifying customer needs and responding to them in a professional manner.
- Discuss the significance of maintaining hygiene and dressing appropriately.
- Discuss the significance of maintaining hygiene and confidence during an interview.
- List the steps for searching and registering for apprenticeship opportunities.

- Create a professional Curriculum Vitae (CV).
- Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively.
- Perform a mock interview.

#### **Classroom Aids:**

Charts, Posters, Projector, Blackboard

#### **Tools, Equipment and Other Requirements**

Computer with internet facility, Field visit to the nearby handloom unit for Project work/ Case Study.







#### **Annexure**

### **Trainer Requirements - Domain**

Trainer Prerequisites						
Minimum Specialization Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
	Years	Specialization	Years	Specialization		
Graduate	Textile Technology/ Engineering, Handloom Technology	5	Proprietor/ Entrepreneur in Handloom Sector	-	-	
Diploma	Textile Technology/ Engineering, Handloom Technology	7	Proprietor/ Entrepreneur in Handloom Sector	-	-	
Graduate	Any field	7	Proprietor/ Entrepreneur in Handloom Sector	-	-	
Diploma	Any field	10	Proprietor/ Entrepreneur in Handloom Sector	-	-	

Trainer Certification			
Domain Certification	Platform Certification		
TSC/Q07303, v2.0 – Handloom Entrepreneur, Minimum pass percentage 80 per cent	MEP/Q2601, v1.0 – Trainer, Minimum pass percentage 80 per cent		







### **Trainer Requirements - Entrepreneurship Skill**

Trainer Prerequisites						
Minimum Specialization Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
	Years	Specialization	Years	Specializatio n		
Graduate/CITS	Any discipline			2	Teaching experience	Prospective ES trainer should
Current ITI Trainers	Employability Skills Training (3 days full- time course done between 2019-2022)					<ul><li>have good communicat n skills</li><li>be well</li></ul>
Certified current EEE trainers (155 hours)	Any field					versed in English • have digital skills • have attention to detail • be adaptable • have willingness to learn
Certified Trainer	Qualification Pack: Trainer (MEP/Q0102)					

Trainer Certification				
Domain Certification	Platform Certification			
Certified in 60-hour Employability NOS (2022), with a minimum score of 80%	NA			
OR				
Certified in 120, 90 hour employability NOS (2022), with a minimum score of 80%				







## **Assessor Requirements**

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate	Textile Technology/ Engineering, Handloom Technology	5	Proprietor/ Entreprene ur in Handloom Sector	-	-	

Assessor Certification			
Domain Certification	Platform Certification		
TSC/Q07303, v2.0 – Handloom Entrepreneur,	MEP/Q2701, v1.0 – Assessor, Minimum pass		
Minimum pass percentage 80 per cent	percentage 80 per cent		







#### **Assessment Strategy**

The overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.

- a) The emphasis is on 'learn-by-doing' and practical demonstration of skills and knowledge based on the performance criteria.
- b) The assessments papers are developed by Subject Matter Experts (SME) available with the Assessment Agency as per the performances and assessment criteria mentioned in the Qualification Packs.
- c) The assessments papers are also checked for the various outcome-based parameters such as quality, time taken, tools & equipment requirement, etc.
- d) The assessments are designed so as to assess maximum parts during the practical hands-on work. Duties and responsibilities of Handloom Entrepreneur are also assessed. The technical limitations at the training centres are taken care in theory and viva.
- e) The assessment agencies are instructed to hire qualified and experienced assessors as per TSC's criteria who have integrity, reliability and fairness. Each assessor shall sign a document with its assessment agency by which they commit themselves to comply with the rules of confidentiality and conflict of interest, independence from commercial and other interests that would compromise impartiality of the assessments.
- f) The assessment agencies are instructed to ideally have assessors with the right mix of industry experience, academia and these are detailed in Assessment Agency Protocol of TSC
- g) The assessors selected by Assessment Agencies are scrutinized and made to undergo training and introduction to Assessment Framework, competency-based assessments, assessors guide, etc. and they are assessed for Domain and assessment skills. Only those assessors who clears both the assessments with minimum 80% marks in each are permitted to carry out assessments.
- h) The assessors are provided with Assessor's guide developed by the Subject Matter Expert of the Assessment Agency or by Textile SSC as per Assessment Framework. The Assessors guides are developed to ensure the maximum possible consistency/transparency in the assessment by different assessors and elaborate on the following:
  - 1. Qualification Pack Structure.
  - 2. Guidance for the assessors to conduct theory, practical and viva assessments.
  - 3. Guidance for trainees to be given by assessor before the start of the assessments.
  - 4. Guidance on assessment process, practical brief with step of operational practical observation checklist Attendance Sheet and mark sheet.
  - 5. Viva guidance for uniformity and consistency across the batch.
  - 6. Guidance on assessment evidence collection.







The assessment results are backed by evidence collected by assessors.

- The assessors need to collect a copy of the attendance sheets for the training done under the scheme. The attendance sheets are signed and stamped by the in charge/ Head of the training centre.
- 2. The assessors need to verify the authenticity of the candidate by checking the photo ID card issued by the institute as well as any one Photo ID card issued by the Central/Government. The same needs to be mentioned in the attendance sheet. In case of suspicion, the assessor should authenticate and cross verify trainee's credential in the enrolment form.
- 3. The assessors need to take a camera to click photograph of the trainees working on the job and giving theory exam as evidence.
- 4. The assessors also need to carry a Photo ID card.
- 5. The assessors also need to take the photographs as evidence from appropriate angles/sides of the final work piece/job submitted by the trainee.
- 6. The details on assessment framework are elaborated in Textile SSC protocol for accreditation of Assessment Agencies and Assessment Framework.

All accredited Assessment Agencies follow the "Textile SSC's protocol for accreditation of Assessment Agencies and Assessment Framework". Each NOS in the Qualification Pack (QP) will be assigned a relative weightage for assessment based on the criticality of the NOS. Therein each Performances Criteria in the NOS will be assigned marks for theory or practical based on relative importance, criticality of function and training infrastructure.







### References

## **Glossary**

Term	Description
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
Terminal Outcome	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.







## **Acronyms and Abbreviations**

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards
SOP	Standard Operating Procedure
PPE	Personal Protective Equipment
QC	Quality Control
ISO	International Organization for Standardization
SA	Standards on Auditing