

**Syllabus For Cotton Muslin Khadi Weaver (OJT)**

<b>Course Name</b>	Cotton Muslin Khadi Weaver
<b>Sector</b>	Textile and Handloom
<b>Course Code</b>	TXT/2024/CMKW/385
<b>Level</b>	2.5
<b>Occupation</b>	Cotton Muslin Khadi Weaver/Cotton Khadi Weaver
<b>Job Description</b>	The Cotton Muslin Khadi Weaver is responsible for operating and overseeing the weaving machinery specifically designed for cotton muslin khadi fabric production. In this role, the weaver sets up and adjusts the looms, monitors the weaving process and ensures the proper alignment and tension of the cotton threads.
<b>Course Duration</b>	<b>Total Duration 240 Hrs (OJT-210 Hrs. ES- 30)</b>
<b>Trainees' Entry Qualification</b>	<ul style="list-style-type: none"> <li>• 9th Grade pass OR</li> <li>• 8th Grade pass and pursuing continuous schooling OR</li> <li>• Grade 5 with 4 years relevant experience OR</li> <li>• Ability to read and write with 4 years relevant experience OR</li> <li>• Previous relevant Qualification of NSQF Level 2 with 6 months relevant experience OR</li> <li>• Previous relevant Qualification of NSQF Level 1 with 1.5 years relevant experience</li> </ul>
<b>Trainers Qualification</b>	Diploma in Handloom Technology with 3 years experience in the relevant field OR Class X <sup>th</sup> passed with 7 years experience in the relevant field

**Structure of Course: (In OJT Module)**

<b>Module No.</b>	<b>Module name</b>	<b>Outcome</b>	<b>Compulsory/ Elective</b>	<b>Total (Hrs) (OJT)</b>
1	<b>Working of Handloom</b>	Explain the procedure of working of loom	Compulsory	60
2	<b>Prepare a loom</b>	Prepare the loom as per requirement	Compulsory	30
3	<b>Weave a khadi fabric</b>	Demonstrate of weaving a khadi fabric	Compulsory	60
4	<b>Repair and maintenance</b>	Identify and troubleshoot the maintenance procedure of loom	Compulsory	60
5	<b>Employability Skill</b>	As per guided curriculum	Compulsory	30
<b>TOTAL</b>				<b>240</b>

**SYLLABUS:**

Sl. No.	Module	Content
1	<b>Working of Handloom</b>	How a handloom works Types of handlooms Method of Weaving in Loom Know how about a loom
2	<b>Prepare a loom</b>	How to set yarns in a loom How to judge the quality of yarn apt for weaving Methods of warping Doffing and change of weavers' beam
3	<b>Weave a khadi fabric</b>	Plain, Check and Stripe weaving Yarn sizing, silk de-gumming Removal of defects in a running fabric Tension control on yarns Control points of warp and weft Proper knotting and reduction of breakages Quality control of final product of a loom Change of GSM of a fabric Weaving of various types of cotton, silk fabric, than, saree, cloth Finishing and calendaring Control on pricing of fabric
4	<b>Repair and maintenance</b>	Loom setting for changing EPI & PPI SoP for a loom Working on a pit-loom and frame-loom Steps to reduce breakages Control on strength of yarn Loom setting and tuning during quality change

**Module 5: Employability Skills (30 Hrs)****Key Learning Outcomes****Introduction to Employability Skills Duration: 1 Hour**

After completing this programme, participants will be able to:

1. Discuss the importance of Employability Skills in meeting the job requirements

**Constitutional values - Citizenship Duration: 1 Hour**

2. Explain constitutional values, civic rights, duties, citizenship, responsibility towards society etc. that are required to be followed to become a responsible citizen.

3. Show how to practice different environmentally sustainable practices

**Becoming a Professional in the 21st Century Duration: 1 Hours**

4. Discuss 21st century skills.

5. Display positive attitude, self-motivation, problem solving, time management skills and continuous learning mindset in different situations.

**Basic English Skills Duration: 2 Hours**

6. Use appropriate basic English sentences/phrases while speaking

**Communication Skills Duration: 4 Hour**

7. Demonstrate how to communicate in a well-mannered way with others.

8. Demonstrate working with others in a team

**Diversity & Inclusion Duration: 1 Hour**

9. Show how to conduct oneself appropriately with all genders and PwD
10. Discuss the significance of reporting sexual harassment issues in time

**Financial and Legal Literacy Duration: 4 Hours**

11. Discuss the significance of using financial products and services safely and securely.
12. Explain the importance of managing expenses, income, and savings.
13. Explain the significance of approaching the concerned authorities in time for any exploitation as per legal rights and laws

**Essential Digital Skills Duration: 3 Hours**

14. Show how to operate digital devices and use the associated applications and features, safely and securely
15. Discuss the significance of using internet for browsing, accessing social media platforms, safely and securely

**Entrepreneurship Duration: 7 Hours**

16. Discuss the need for identifying opportunities for potential business, sources for arranging money and potential legal and financial challenges

**List of Tools, Equipment & materials needed for 30 Trainees (Practical)**

Sl No	Items Name	Specification	Qty
1	Handloom or frame loom (Without jacquard or dobby)		2
2	Warping unit		1 set
3	Traditional spinning wheel (Ambar Charkha)		2
4	Shuttle, Pirns, raw materials (dyed/undyed yarn)		As required
5	Measuring tape		2
6	Masks, hair caps		30

**Marks Distribution**

Outcome	Outcome Code	Total Th marks	Total Pr marks
Explain the procedure of working of loom	TXT/3717/OC1	50	200
Prepare the loom as per requirement	TXT/3717/OC2	30	170
Demonstrate of weaving a khadi fabric	TXT/3717/OC3	50	200
Identify and troubleshoot the maintenance procedure of loom	TXT/3717/OC4	50	200
Employability Skills – 30 Hrs	DGT/VSQ/N0101	50	0