

**MES COURSE MODULE**

**In**

**TEXTILES - KNITTING**

- 1. Module Name:** Hand Knitter –Flat Knitting
- 2. Sector:** Textiles - Knitting.
- 3. Code:** KNT 701
- 4. Entry Qualification:** Minimum 5th Standard and 14 years of age
- 5. Terminal Competency:** After completing the training candidate would able to creel the cones and knit the fabrics by operating the flat knitting machine manually
- 6. Duration:** 400 hours.
- 7. Course content:**

<b>Practical Competencies</b>	<b>Underpinning Knowledge (Theory)</b>
<ul style="list-style-type: none"> <li>➤ Studying the pattern to be knit</li> <li>➤ Creeling the conditioned cones as per the pattern</li> <li>➤ Taking the ends from cone through the tensioner to the needles and sinkers of the Flat knitting machine.</li> <li>➤ Knitting the fabric manually by rocking the handle to and fro manually in a rhythmic way.</li> <li>➤ Observe for quality and informing the superiors in case of any appearance of shade variations, thick and thin places and Skewness.</li> <li>➤ Doffing the Fabrics after the required length is knitted. Keeping the working area clean and tidy</li> <li>➤ Checking the RH% and advising for correction as needed.</li> <li>➤ Practicing considering safety and health aspects.</li> <li>➤ Mock drill for fire fighting and first aid.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Knowledge of knitting patterns and creeling the cones</li> <li>➤ The knowledge of Flat knitting machine and the precautions to be taken while knitting</li> <li>➤ The concepts of count, shade and types of yarns.</li> <li>➤ The quality of knitted fabrics</li> <li>➤ The importance of maintaining RH% for knitting and conditioning of cones before knitting</li> <li>➤ The safety practices in a knitting factory</li> </ul>

**Tools and equipment.**

<b>DESCRIPTION</b>	<b>QUANTITY</b>
Hand operated Flat Knitting Machine	20
Cones of yarn	As needed
Sound system for Rhythm	1

- 1. Module Name:** Knitter –Flat Knitting Machine
- 2. Sector:** Textiles - Knitting.
- 3. Code:** KNT 702
- 4. Entry Qualification:** Minimum 7th Standard and 14 years of age
- 5. Terminal Competency:** After completing the training candidate would able to creel the cones and knit the fabrics by operating the flat knitting machine
- 6. Duration:** 600 hours.
- 7. Course content:**

Practical Competencies	Underpinning Knowledge (Theory)
<ul style="list-style-type: none"> <li>➤ Studying the pattern to be knit</li> <li>➤ Creeling the conditioned cones as per the pattern</li> <li>➤ Taking the ends from cone through the tensioner to the needles and sinkers of the Flat knitting machine.</li> <li>➤ Knitting the fabric by operating the machine</li> <li>➤ Observe for quality and informing the superiors in case of any appearance of shade variations, thick and thin places and Skewness.</li> <li>➤ Doffing the Fabrics after the required length is knitted. Keeping the working area clean and tidy</li> <li>➤ Checking the RH% and advising for correction as needed.</li> <li>➤ Practicing considering safety and health aspects.</li> <li>➤ Mock drill for fire fighting and first aid.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Knowledge of knitting patterns and creeling the cones</li> <li>➤ The knowledge of functions and operations of Flat knitting machine and the precautions to be taken while knitting</li> <li>➤ The concepts of count, shade and types of yarns.</li> <li>➤ The quality of knitted fabrics</li> <li>➤ The importance of maintaining RH% for knitting and conditioning of cones before knitting</li> <li>➤ The safety practices in a knitting factory</li> </ul>

**8. Tools and Equipments for a batch of 20 trainees**

DESCRIPTION	QUANTITY
Flat Knitting Machine	20
Cones of yarn	As needed
Vacuum Cleaner	1