

General Information for Apparel Manufacturing Technology – Knits ( Foundation)

Name of Sector	Garment
Name of Module	Apparel Manufacturing Technology – Knits ( Foundation)
MES Code	GAR 702
Competency as per NCO Code	After completion of the course the trained person would be acquainted with technical skills & knowledge about knitted/ hosiery manufacturing and would be able to work as Assistant Production Controller or Line Supervisor.
Duration of Course	520 Hrs
Entry Qualification of Trainee	10 <sup>th</sup> Pass
Unit Size	20
Power Norms	7 kw
Space Norms – Work Shop - Class Room	
Instructors Qualification	1. Graduate in Apparel related subject or 3 years Diploma in Costume Design & Dress Making/Fashion Technology from recognized Institute with 2 years of Experience in the field
Desirable Qualification	1. Craft Instructor Certificate in any trade of garment Sector

<ul style="list-style-type: none"> <li>• Practical Competencies</li> </ul>	Under pinning Knowledge (Theory)
<ul style="list-style-type: none"> <li>• Practice discipline, hygiene, safety and</li> <li>• effective communication</li> <li>• Visit to a garment manufacturing unit</li> <li>• Identification of common fabrics and flagging</li> <li>• Sample preparation of dyeing and printing methods</li> <li>• Sample preparation of commonly used knitted fabrics through hand knitting</li> <li>• Visit to textile/fabric sourcing hub</li> <li>• Practice of seams, samples and garment components</li> <li>• Practice of various exercises on Industrial sewing machine using different work aids and machine attachments w.r.t. knitted fabrics</li> <li>• Construction of complete garment: men's</li> <li>• shirt, dress, trouser and T-shirt</li> </ul>	<ul style="list-style-type: none"> <li>• Basic communication skills and building</li> <li>• industrial vocabulary</li> <li>• Developing vocabulary, thinking ability &amp;</li> <li>• logical reasoning</li> <li>• Understanding of work ethics, importance of discipline, health and hygiene</li> <li>• Safety precautions in garment industry</li> <li>• Textile manufacturing process, Fabric appreciation and sourcing</li> <li>• Concept of Knitwear Production</li> <li>• Technology</li> <li>• Knitwear-Classification &amp; their application</li> <li>• Introduction to seams and stitches</li> <li>• Introduction to industrial sewing machines</li> <li>• Importance of work aids and</li> </ul>

<ul style="list-style-type: none"> <li>• Handling different types of fabrics</li> <li>• Identification of defects in fabrics &amp; accessories</li> <li>• Identification of knitting, sewing and pattern defects, finishing and packing defects etc.</li> <li>• Measurement checking as per spec sheets</li> <li>• Mock garment sampling, production and inspection</li> <li>• Familiarization with various quality documents and reports</li> <li>• Testing of fabric for colour fastness, light fastness, dimensional changes etc.</li> <li>• Pattern and drafting of basic blocks and development of different styles of sleeves, cuffs, shirts etc.</li> <li>• Detailed garment analysis</li> <li>• Familiarization with day to day production activities</li> </ul>	<p>machine attachments</p> <ul style="list-style-type: none"> <li>• Introduction to pattern making tools and equipment</li> <li>• Pattern making terminology &amp; measurement systems</li> <li>• Knowledge of drafting of basic bodice block, sleeve, shirt and trouser block</li> <li>• Development of various styles of necklines collar, sleeves, shirts, cuffs, pockets etc.</li> <li>• Important features and co-ordinations w.r.t. knitted fabrics</li> <li>• Profile and organizational set up of a garment industry</li> <li>• Introduction to garment styles and identification of components and parts</li> <li>• Pre-production planning</li> <li>• Knowledge about spreading techniques and equipment</li> <li>• Cutting equipment and cut-order</li> </ul>
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planning for knits

- Marker modes and marker efficiency
- Knowledge about spreading and material handling
- Production systems and planning in the sewing room