

FTEAM15 KNITTED GARMENT TECHNOLOGY

UNIT-1 RATIONALE

- 1.1 The students are exposed to latest developments in knitted garment manufacturing and their design features.
- 1.2 This subject will focus on the latest trend in knitted garment manufacturing.

UNIT-2 BASICS OF KNITTING TECHNOLOGY

- 2.1 Main features of the knitting machine (brief description only)
Frame (needle bed), yarn supply, knitting element, machine control and drive system,
Fabric take – away mechanism, quality control systems
- 2.2 Parts and basic knitting action of
 - a) Latch needle
 - b) Bearded needle
 - c) Compound needle
- 2.3 A comparison between flat bed and circular bed knitting machines

UNIT-3 KNITTED GARMENTS- CLASSIFICATION ON THE BASIS OF PRODUCTION METHODS

- a) Fully cut
- b) Stitch shaped cut
- c) Fully fashioned
- d) Integral

(Note: Introduction, Importance and production sequence)

4. Handling precautions of knitted fabric during spreading
5. Suitable stitches for knitted garments (402, 406, 407, 602, 603, 604, 605, 607, 608)

Reference Books:

1. Knitting by Carmine Mazza, Paola Zonda
2. Knitted Clothing Technology, Terry Brackenbury