

How to apply

Interested participants can register through google forms https://docs.google.com/forms/d/e/1FAIpQLSd33Au61k5DApr6kt_WuTiZGzP4rKZRTzNv2eMD8cKxDQLexg/viewform?usp=pp_url. Last date for registration is 28th Feb 2023. The fee in the form of DD drawn/at par Cheque in favour of "Director, CIRCOT" payable at Mumbai, may be sent to the below mentioned address so as to reach us on or before 5th March, 2023. The bank account detail for NEFT transfer is given below:

Account Name	Director, ICAR-CIRCOT
Bank Name	State Bank of India, Commercial Branch, Dadar East, Mumbai – 400014
Account No.	10001710244
IFSC Code	SBIN0004114

How to Reach CIRCOT

From Airport (Domestic) :10 km
From Airport (International) :12 km
Nearest Railway Station : Dadar (1.7 km)
Nearest Bus Stop : Kapol Nivas on Dr. B.R. Ambedkar Road Matunga (E), and Five Gardens Bus Stop
Landmark : Five Gardens, Matunga

Organizers

Programme Director :Dr. S. K. Shukla, Director, ICAR-CIRCOT
Course Director :Dr. N. Shanmugam, Head I/c, MPD
Course Coordinators :Dr. G. Krishna Prasad, Scientist, MPD
Dr. T. Senthilkumar, Senior Scientist, MPD
Dr. G. T. V. Prabu, Scientist, MPD

Address for correspondence



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Inspire..

Imagine..

Invent..



Designed by: Mrs. Laxmi Manoj Singh YP- II, TTD



ISO 9001:2015
NABL 17025:2017

Training on Basics of 'Knitting & Knit Garments'



8-10 March, 2023

Organized by

**ICAR-Central Institute for Research on Cotton Technology (ICAR-CIRCOT)
D.A.R.E., Ministry of Agriculture & Farmers Welfare, Govt. of India
Adenwala Road, Matunga, Mumbai 400019 (MS) INDIA**

Introduction

The ICAR-Central Institute for Research on Cotton Technology (ICAR-CIRCOT), one of the premier constituent institutes of the Indian Council of Agricultural Research (ICAR), was established in the year 1924. The Institute is conducting research and development on all aspects of post-harvest processing of cotton and value addition to cotton by-produce with following mandate:

- Basic and strategic research on processing cotton and its agro-residues, development of value added products and quality assessment
- Skill development and business incubation services and function as referral laboratory for cotton fibres.

The Institute has been conducting skill development programmes to propagate, encourage and guide entrepreneurs to successfully adopt and market commercially viable technologies and to equip people with best practices in cotton ginning, quality evaluation of cotton fibres and value addition to by-products.

About the Training Programme

India is the second largest producer of textiles and garments in the world. The Indian textile and apparel industry is expected to grow at 10% CAGR from 2019-20 to reach US\$ 190 billion by 2025-26. The Indian apparel market stood at US\$ 40 billion in 2020 and is expected to reach US\$ 135 billion by 2025. Knitwear is an important market segment of industry that has become popular among all men, women and kids. The Indian knitting industry is one of the most innovative global producers of knitwear products. Today, there has been a tremendous change in technology. A large number of sophisticated computerized knitting, embroidery machines, dyeing machines, state of the art sewing lines, CAD/CAM systems, large scale processing machines are used in Indian knitting industry. The production speeds have raised in recent years and the buyers are more and more conscious about the quality of garments manufactured in the mills. Hence it is necessary to know the various aspects related to knit fabric production, garment production and quality control of fabrics and garments. In view of this, ICAR-CIRCOT is conducting a training programme on “Basics of Knitting and Knit Garments” for the benefit of industry personnel, researchers, academician and students.

Objectives

- To impart knowledge on basics of knitting and apparel technology
- To equip the trainees with fabric analysis and quality control practices in knitting and apparel industries
- To acquaint the trainees about new advances in knitting and apparels.

Course Content

- Introduction on knitting
- Types of knitting
- Knit design & structure
- Advances in knitting
- Processing of grey knitted fabrics & apparels
- Process of tie-dye fabric
- Quality control of knits
- Knit-Garment production and Costing
- Testing and quality control of knitted garments
- Hands on training in fabric analysis

Facilities Available

- Ring, Rotor and Compact spinning systems
- Core spinning system
- Single Jersey single feeder knitting machine
- Single Jersey multi feeder knitting machine
- Interlock knitting machine
- Yarn and fabric analysis laboratory
- Kawabata evaluation system for fabrics
- Moisture and Thermal testing
- Knit processing machine
- Garment dyeing machine



Date and Venue

8-10 March, 2023 at ICAR-Central Institute for Research on Cotton Technology (ICAR-CIRCOT), Adenwala Road, Matunga, Mumbai 400 019

Accommodation

Guest house accommodation at ICAR-CIRCOT is limited and sharing accommodation (A/c) shall be provided at standard rate on first-come-first-serve basis.

Fees

- For Industry Personnel : Rs. 10, 000 + GST (18%)
- For Academicians, Students and NARS Personnel: Rs. 5, 000 + GST (18%)

The charges include course fee, course material, and working lunch. The fee does not include travel, lodging, conveyance and other personal expenses.