



Training on Fibre and Yarn Quality Management in Spinning



October 5-7, 2016

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 (MH) INDIA**

Introduction

The ICAR-CIRCOT, located at Matunga in Mumbai, was established in the year 1924. ICAR-CIRCOT, a unit under the Division of Agricultural Engineering of the Indian Council of Agricultural Research (Department of Agricultural Research and Education, Ministry of Agriculture and Farmers Welfare, Government of India) is engaged in research and development of new technologies for better utilization of cotton and its by-products 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 a referral laboratory for cotton fibres.

About the training programme

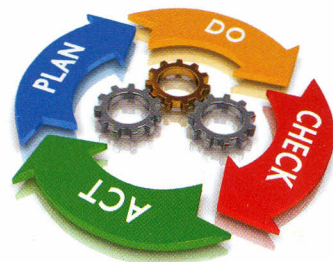
Indian spinning industry is one of the biggest in the world with around 50 million spindles & 0.8 million rotors and consumes about 60% of domestic cotton. Our country produces one of the best yarns in the world and contributes to about 25% share in world trade of cotton yarn exports. The widespread use of Bt cotton, availability of long staple fibres, modernisation of ginning machinery and new spinning systems have brought a sea change in the Indian spinning industry. It is very essential for cotton breeders to understand the fibre quality requirements for the modern spinning systems to breed a better cotton with requisite properties. At the same time, the yarn spinners have to understand the basic and advanced aspects of spinning to cope with the changing dynamics of yarn and fabric industry. Realising this need, CIRCOT is conducting a training programme on "Fibre and Yarn Quality Management in Spinning" which focuses on fibre quality, yarn quality, basic and advanced aspects of spinning. This training programme is beneficial to cotton breeders, traders, industry personnel, entrepreneurs, academicians and students.

Objectives

- To impart knowledge on cotton fibre quality and its relation to spinning a superior quality yarn.
- To equip the trainees with knowledge on advanced tools for process control and quality control in spinning.
- To acquaint the trainees about new spinning technologies and production aspects of technical and fancy yarns.

Course content

- Cotton quality requirements for spinning
- Ginning and its impact on fibre quality
- Use of HVI, AFIS and other modern equipments
- Process control in spinning & Norms
- Quality management in spinning & Norms
- Machinery advancements in spinning
- Ring, Rotor and Friction spinning systems
- Yarn quality analysis
- Technical and fancy yarn production
- Norms for productivity in spinning



Any specific topic of interest may be communicated to us for inclusion in the training programme.

Facilities Available

- Modern instruments for fibre and yarn testing
- Micro spinning system for small samples
- Complete line from Blowroom to spinning and winding
- Ring spinning, Compact system, Core spinning, Rotor spinning and Friction spinning

Date and Venue

October 5-7, 2016 at ICAR- Central Institute for Research on Cotton Technology (CIRCOT), Adenwala Road, Matunga (East), Near Five Gardens, Mumbai.

Accommodation

Guest house accommodation at ICAR-CIRCOT is limited and shall be provided at standard rate on first-come-first-served basis for 10 participants on sharing basis.

Fees

The Programme fee is Rs 10,000 +15% service tax per person. The charges includes course fee, course material, breakfast, and working lunch. The fee does not include travel, lodging, conveyance and other personal expenses. For students and NARS participants, 50% concession in course fee would be given.



HVI Machine



AFIS Machine



DREF Spinning Machine

How to apply

The interested participants may send their application in the prescribed format which is available on the website www.circot.res.in. 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 28th September 2016. The Bank account details for NEFT transfer is available in registration form.

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

Organizers

Programme Director	: Dr. P. G. Patil, Director, ICAR-CIRCOT
Programme Coordinators	: Dr. R. Guruprasad, Scientist, MPD Dr. T. Senthilkumar, Scientist, MPD Er. G.T.V. Prabu, Scientist, MPD

Address for correspondence

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*The Spinning Wheel is as much a necessity
of Indian life as air and water*

M. K. Gandhi...



हर कदम, हर डगर
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