



## How to apply

Interested participants may send their application in the prescribed format which is available on the website [www.circot.res.in](http://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 26<sup>th</sup> July, 2018. The Bank account details 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

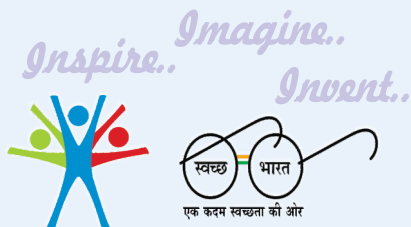
From Airport (Domestic)	: 10 km
From Airport (International)	: 12 km
Nearest Railway Station	: Dadar (1.7 km)
Nearest Bus Stop	: Kapol Nivas on Dr. B.R. Ambedkar Road, Matunga (E), and Five Gardens Bus Stop
Land Mark	: Five Gardens, Matunga

## Organizers

Course Director	: Dr. P. G. Patil, Director, ICAR-CIRCOT
Course Coordinator	: Dr. Sujata Saxena, Pr. Scientist, Head I/c, CBPD
Course Co-Coordinator	: Dr. A. S. M. Raja, Pr. Scientist, CBPD, Shri. A. Arputharaj, Scientist, QEID

## Address for correspondence

Dr. Ashok Kumar Bharimalla  
I/c Head, TTD, ICAR-CIRCOT,  
Adenwala Road, Matunga (E),  
Mumbai- 400 019  
Website : [www.circot.res.in](http://www.circot.res.in)  
Email : [training.circot@icar.gov.in](mailto:training.circot@icar.gov.in),  
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022-24127273/76 Ext- 467  
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# अवशोषक कपास प्रौद्योगिकी पर प्रशिक्षण Training on Absorbent Cotton Technology



02-04 August, 2018

Organized by

भा. कृ. अनु. प. - केंद्रीय कपास प्रौद्योगिकी अनुसंधान संस्थान

CAR-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

Cotton, the king of natural fibres is the major raw material for the textile industry. As much as 94% of the total cotton fibre consumed is used by the spinning sector for making yarns. However, a significant quantity of cotton, about 6% is also utilized for technical applications, such as for the manufacture of “absorbent cotton”. Absorbent cotton, is a medical product used to absorb body fluids (popularly known as cotton wool or surgical cotton), Apart from medical applications, absorbent cotton is also used in various non-medical applications especially beauty and personal care sector with products like wiping pads, ear buds etc.

The demand for absorbent cotton is on the rise with increase in population and boom in the healthcare and cosmetic sectors. There is a good market potential both in the domestic as well as in the export market. India, being the largest producer of cotton in the world with a vibrant textile industry has abundant supply of the raw material for the preparation of absorbent cotton and can be a prominent producer of this important product in the world. This training programme on Absorbent Cotton Technology has been designed by CIRCOT for the benefit of personnel from industry, entrepreneurs as well as researchers to help them in understanding various processes involved in the production of absorbent cotton and testing methods for checking the product quality as per Pharmacopeia norms.

## Objectives

- To acquaint the trainees about basic and advanced chemical and mechanical processes involved in the production of absorbent cotton
- To apprise the trainees about the market potential of absorbent cotton
- To introduce the trainees to various testing methods for absorbent cotton

## Course content

- Chemistry and preparatory process of cotton fibre for absorbent cotton
- Eco- friendly preparatory process for absorbent cotton
- Mechanical processing for preparation of absorbent cotton
- Environmental issues in the absorbent cotton industry
- Demonstrations on absorbent cotton preparation and testing

## Facilities Available

- Fibre testing lab
- Facility for preparation of absorbent cotton
- Blow room and carding facility
- Absorbent cotton testing lab
- Eco testing and effluent analysis lab

## Date & Venue

August 02-04, 2017 at ICAR- Central Institute for Research on Cotton Technology (CIRCOT), Adenwala Road, Matunga (East), Near Five Gardens, Mumbai 400019.

## 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

The programme fee is Rs. 12,000 + 18% GST per person. The charges include course fee, course material, breakfast, tea and working lunch. The fee does not include travel, lodging and conveyance and other personal expenses. There is 50% concession for students, academicians and participants from NARS.

