INSTITUTE OF CHEMICAL TECHNOLOGY

DEPARTMENT OF FIBRES AND TEXTILE PROCESSING TECHNOLOGY

PRESENTS

"Dr. M. V. Nimkar Endowment Lecture"

On

"Complying With Changing and Challenging Industry Expectations"

Speaker: Dr. Pankaj D. Desai

(Head- Research and Development, Colourtex Industries Pvt. Ltd.)

Date: 26th August 2022, 4:00 PM

Venue: K.V. Auditorium, ICT

INSTITUTE OF CHEMICAL TECHNOLOGY

The Vice-Chancellor

invites you to attend the

7th Dr. M. V. Nimkar Endowment Lecture

for the year 2022

to be delivered by

Dr. Pankaj D. Desai

Head - Research & Development, Colourtex Industries Pvt. Ltd.

entitled:

"Complying with Changing and Challenging Industry Expectations"

on

Friday, 26th August, 2022 at 4.00 pm
K. V. Auditorium, ICT, Mumbai

REGISTRAR, ICT

PROGRAMME

4.00 PM : Formal welcome

4.01 PM : About the Dr. M. V. Nimkar Endowment lecture

Prof. Ravindra D. Kale

(Head – Department of Fibres & Textile Processing Technology)

4.04 PM : Remembering Dr. M. V. Nimkar

Shri. Ullhas Nimkar

(Son of Dr. M.V. Nimkar)

4.08 PM : Welcome address

Prof. Aniruddha B. Pandit

(Vice-Chancellor- Institute of Chemical Technology)

4.12 PM : Introduction of the Speaker

Prof. Ravindra V. Adivarekar (Dean HRD)

4.15 PM : Dr. M. V. Nimkar Endowment lecture

SPEAKER: **Dr. Pankaj D. Desai**

(Head - Research & Development, Colourtex Industries Pvt. Ltd.)

5.15 PM : Vote of thanks

Prof. R. R. Deshmukh

(Registrar – Institute of Chemical Technology)

5.30 PM : High Tea

Dr. Pankaj D. Desai

Dr. Pankaj D. Desai is Head of the Research & Development at Colourtex Industries Private Limited, the Indian dyestuffs manufacturer based in Surat, India. After completing his doctorate in dyestuff from University Department of Chemical Technology, Mumbai (UDCT, currently known as ICT), Dr. Pankaj joined Colourtex Industries Pvt. Ltd. in 1994 and since than he is actively involved in R&D activities and technical matters at Colourtex. He possesses 26 years of reach experience in the field of dyestuff research and development.

He is associated with various national and international associations, academic institution as well as government committees like,

- Active member & treasurer of Indian Operating Committee of ETAD (Ecological and Toxicological Association of Dyestuff & Pigment Manufacturer),
- Member of Management team of Chemical Supplier Advisory Group (CSAG) of ZDHC,
- Convener of working group of Bureau of Indian Standards (BIS) committee for Dyes & Intermediates PCD-26,
- Board of Studies Member for Chemical Technology discipline of UPL University of Sustainable Technology, Ankleshwar.
- Board of Studies member for Department of Chemical Engineering of Sarvajanik University, Surat.
- Member of District Disaster Management Group, Surat.
- External referee at Institute of Chemical Technology, Mumbai & Sardar Vallabhbhai National Institute of Technology, Surat for MSc, MTech & Ph.D. Students

He has registered more than fifteen patents on the account of Colourtex and presented papers on very wide topics in national and international seminars and conferences. He is involved in the development of dyes suitable for SCF dyeing technology and developed complete range of dyes-CORANGAR PE- suitable for SCF Dyeing technology for polyester and CORANGAR PA- dyes suitable for SCF dyeing technology for Polyamide.

“COMPLYING WITH, CHANGING AND CHALLENGING INDUSTRY EXPECTATIONS.”

Abstract

Today, ‘Sustainability’, ‘Eco-Friendly’, ‘Green Products’ and ‘Green Chemistry’ are very commonly used words and terminology in industries as well as electronics media. Environmental issues are getting more coverage in media and as a result common citizens are becoming more aware and concerned about adverse impact of products they buy on environment as well as on their health. With such increasing awareness and business requirements, specifications of textile and colorant industries have been changed significantly and created greater challenges for manufacturing industries. It is becoming mandatory requirement for manufacturing industries to cope up with these new challenges by adopting sustainable approach. This presentation is intended to provide updates on current and future challenges for Textile and Colorant industries with some examples for sustainable solutions.