

TEQIP-III

**(TEQIP-III Sponsored)**

Two Days Workshop

On

## **SUSTAINABILITY IN TEXTILE CHEMICAL PROCESSING**



**January 11<sup>th</sup> -12<sup>th</sup>, 2019**

**Venue:**

Training & Placement Cell,

Uttar Pradesh Textile Technology Institute, Kanpur

**Organized by**



**Uttar Pradesh Textile Technology Institute,  
11/208, Souterganj,  
Parwati Bagla Road  
Kanpur – 208001 UP India**

### **About the Speakers:**

**Prof. J N Chakraborty**, Department of Textile Technology, Dr. B.R. Ambedkar National Institute of Technology Jalandhar (Punjab) India, is specialized in the field of Textile Chemical Processing. He has been teaching courses belonging to this field at both undergraduate as well as post-graduate levels and supervised number of PhD students. His pin pointed specialized areas are: chemical processing, functionally finished textiles, enzymatic processing and reduction in waste water load in textile industries.

**Dr Raju Kumar Gupta**, Associate Professor in department of Chemical Engineering at IIT Kanpur, India. His specialization is Green synthesis of nanomaterials / Electrospinning of functional polymers, waste water treatment and nanocomposites for environmental and energy applications.

**Dr. Javed N. Sheikh**, Assistant Professor in department of Textile Technology at IIT Delhi, India, is expertise in Sustainable chemical processing of textiles.

**Dr. Kartick Kumar Samanta**, Scientist in ICAR-National Institute of Research on Jute and Allied Fibre Technology Kolkata, India. His specialization areas are plasma, nano and bio finishing of textiles.

### **Who can attend?**

Student at all levels (B. Tech/M. Tech/PhD)  
and Faculty from institution

### **Day 1 (January, 11<sup>th</sup>2019)**

09:30 am – 10:00 am	Registration
10:00 am – 10:30 am	Inauguration
10:30 am – 11:00 am	High Tea
11:00 a.m- 01:00 a.m	Session-1
01:00 a.m- 02:00 p.m	Lunch Break
02:00 p.m- 04:00 p.m	Session 2
04:00 p.m- 04:15 p.m	Tea/Coffee Break
04:15 p.m- 05:30 p.m	Session 3
05:30 p.m- 05:40 p.m	Day One Wrap-up

### **Day 1 (January, 12<sup>th</sup> 2019)**

10:00 am – 10:10 am	Interaction with Faculties
10:10 am – 11:30 am	Session 4
11:30 a.m- 11:40 a.m	Tea Break
11:40 a.m- 01:00 p.m	Session-5
1:00 p.m- 2:00 p.m	Lunch Break
2:00 p.m- 04:00 p.m	Session-6
04:00 p.m- 04:15 p.m	Tea/Coffee Break
04:15 p.m- 05:30 p.m	Session 7
05:30 p.m- 05.50 p.m	Feedback from the audience

### About the Institute

UPTTI, Kanpur is century old pioneer institute of northern India in the field of textiles. It offers technical education in various disciplines of textiles at the level of B. Tech, M. Tech & Ph.D. It is an autonomous statutory organization, functioning under administrative control of state government of UP.

### Director's Message

It gives me immense pleasure in welcoming, on behalf of the entire campus community of UPTTI. The institute is standing of about 103 years, out of which 59 years as UG level and 35 years as PG level institute. It has its roots in Dyeing College which was set up in 1914 and was renamed as Government Central Textile Institute in 1957.

### Vision

To grow as a global centre of excellence in textile education and research for the upliftment of the industry and society.

### Mission

To produce quality graduates who would be able to cater to the present day industry having cutting edge technology and to enable them to cope up with the highly demanding knowledge centric society. To nurture and sustain an academic ambience for the learning and training of textile technocrats for sustainable development of the nation and to accomplish its integration into the global economy.

### About the Workshop:

Textile chemical processing is an important step in textile manufacturing. The uncolored raw material contains a lot of impurities. The fundamental purpose of chemical processing is to remove the impurities and prepare the material for further processing. The coloration process imparts color by dyeing and printing operations. Here also, several chemicals are used. Textile industry consumes a large number of chemicals in the processing and manufacturing of textiles, especially the wet processing of textiles. There are many accidents arising each year from the exposure to chemicals used in textile mills. Thus it is important have a chemical safety to prevent accidents and minimize the risks of chemical hazards.

This becomes so obvious to see the somewhat disconnect between curriculum based knowledge and real world market recruitments where students show lack of knowledge to basic analytical and critical research work. Hence Forth the students required specific training in sustainable chemical processing.

### Workshop Objectives:

The aim is to deliver a program with high quality sessions on sustainability in textile chemical processing that will complement the world scenario in chemical standards.

**Programme Director**  
**Prof. Mukesh Kumar Singh**  
*Director, UPTTI Kanpur*

**Facilitator**  
**Prof. Prashant Vishnoi**  
*TEQIP Coordinator*

**Convenors**  
**Mr. M. L. Regar, Dr. S. Maity & Mr. A. I. Amjad**  
*Assistant Professors*

**Organizing Secretary**  
**Dr J P Singh**  
*TPO*

### Internal Advisory Committee

Prof. Abha Bhargava	Prof. Alok Kumar
Prof. Pramod Kumar	Prof. A. K. Patra
Shri. MahendraUttam	Smt. Alka Ali
Shri. A. K. S. Gangwar	Shri. I. P. Mishra
Dr. Mukesh Kumar Singh–II	Shri. S. K. Rajput
Dr. Devendra Prasad	Shri. S. G. Prasad
Shri. J. K. Gautam	Dr. NeeluKambo
Dr. S. Chakraborty	Shri. V. M.Tripathi