

COORDINATORS:

Dr. G. Thilagavathi, Prof. & Head, Textile Technology
Dr. S. Neelakrishnan, Prof. & Head, Automobile Engineering
Dr. J. C. Sakthivel, Assistant Professor, Textile Technology

WHO CAN ATTEND :

- Faculty Members from Colleges / University / Researcher Scholars of Engineering colleges and Polytechnic colleges
- Only **30 participants** are permitted on a first come first served basis
- Accommodation can be arranged at Guest House Annex on payment basis based on availability.

REGISTRATION :

Faculty / Research Scholars / R&D participants - **Rs.1000/-***
(*Inclusive of all taxes) Mode of payment: Cheque/DD in favour of "PSG CNCE" payable at Coimbatore.

Hospitality, industry visit and workshop kit is free

IMPORTANT DATES:

Registration opens : **20th February, 2020**

Registration ends : **24th February, 2020**

Interested Participants can send their completed registration form to organizers mail id : thilagapsg@gmail.com,
jcs.textile@psqtech.ac.in

The Organizing Secretary,
Circular and Sustainable Textiles Workshop 2020
Department of Textile Technology
PSG College of Technology
Peelamedu, Coimbatore - 641 004
Phone : 9894769906 / 9894431230



Sponsored
One Week Faculty Development Programme / Workshop on
Circular and Sustainable Textile Design, Processing and Products



On
February 25-29, 2020



Organized by

DEPARTMENT OF TEXTILE TECHNOLOGY

PSG College of Technology
Coimbatore - 641 004

&

PSGTECHS COE INDUTECH,
Avinashi Road, Neelambur,
Coimbatore - 641 062

ABOUT PSG COLLEGE OF TECHNOLOGY:

PSG College of Technology is a premier institution of southern India which is well known for its reputation and excellence in world class Engineering Education. The institute focuses on research and development in Science, Engineering and Technology. It has an excellent track record for the past seven decades. The institute emphasizes educational and academic outcomes based on research that have high level of impact on industry and society. For details please visit: <http://www.psgtech.edu/>

ABOUT DEPARTMENT OF TEXTILE TECHNOLOGY:

The Department of Textile Technology is renowned for its lab facilities, NBA accreditation, **Centre of Excellence for Industrial Textiles from Ministry of Textile, GOI with a funding of 45 Crores**, Department of Best Industry linked Institute award, etc. It focuses in line with college's vision for research and development of technology. It has produced 72 PhD's so far and is continuously trying to identify the industry needs and prepare the students for it. In this connection, the department interacts with the textile industries for the state of art facilities, problem identification and tries to address the same by consultation and experts lectures.

For details please visit: <http://www.psgtech.edu/coeindutech/>

ABOUT THE CIRCULAR AND SUSTAINABLE TEXTILES WORKSHOP:

Circular economy in Textile is an important area for industries, retailers, brands technologists, designers, managers, and any other people involved in the textile product cycle. The growing environmental impacts from non-renewable, non-sustainable materials and processing have forced to adapt circular design and manufacture principles in the textile industry. Future textiles and garments will be produced using circular economy principles and linear economic principle of make-use-discard will be challenged. It is time for everyone involved with the industry to think, learn and adapt how to minimize waste, design a product for durability, recycle a product at the end of use and drastically reduce wastes going to landfills and adverse impacts on environment.

OBJECTIVES OF WORKSHOP:

To impart knowledge on concepts of circular economic principles and recycling of textiles and to create awareness on the techniques of producing products from textile and garment wastes. The course will familiarize the members about new advancements and thoughts on design possibilities in circular and sustainable textiles.

COURSE CONTENT :

- Circular design for textiles
- Mechanical recycling of textiles
- Sustainability & circularity in textile manufacturing
- Sustainability issues in textile wet processing
- Value added products from textile waste
- Circularity in industrial textiles and composites
- Circular processing of natural fibers
- Circular processing of synthetic fibers

FACILITIES AVAILABLE:

- Miniature spinning machines
- Compression molding machine
- Needle punching machine
- Coir needle punching machine
- Thermal bonding machine
- Performance textile characterization facilities

PROGRAM HIGHLIGHTS :

Two days training at PSGTECHS COE INDUTECH, Neelambur,

WORKSHOP SPEAKERS:

1. Dr. Rangam Rajkhowa, Institute for Frontier Materials (IFM), DEAKIN UNIVERSITY, Australia.
2. Dr. G. Thilagavathi, Professor and HoD, PSG College of Technology, Coimbatore
3. Dr. V. R. Giridev, Professor and HOD, Anna University, Chennai
4. Dr. N. Gobi, Associate Professor, Anna University, Chennai
5. Dr. T. Senthilram, PSGTECHS COE INDUTECH, Coimbatore.
6. Speakers from Industries practicing circular economic principles / Machinery Manufacturing companies.



Scheme for Promotion of Academic and Research Collaboration

**Sponsored One Week Faculty Development Programme / Workshop on
Circular and Sustainable Textile Design, Processing and Products**

25.02.2020 to 29.02.2020

REGISTRATIONFORM

Applicant Name : _____

Gender : _____

Category(GEN/OBC/SC/ST) : _____

Designation : _____

Name and Address of the Organization / Institute _____

City/Town : _____

Email : _____

Phone Number : _____

Do you need Accommodation?(Yes/No): _____

Registration amount : Rs.1000/-* (*Inclusive of all taxes)

DD/Cheque Number : _____

Date : _____

Issuing Bank : _____

Payable at : _____

Signature of the Applicant

Signature of the head of the Institution

Date:

Place:

Seal: