

*"I was really impressed with the content and skills of the presenters of the Introduction to Textiles course in Manchester, it really helped develop my understanding and perception of the use of textiles across industry.*

*I would recommend this course to anyone using textiles in their own industry as it is interesting and enjoyable and will be applicable in the workplace "*

Gary Pearson  
Production Manager  
Mölnlycke Health Care Ltd



## Industry Short Course

# INTRODUCTION TO TEXTILES

## The Course

This intensive training short course is organised for the benefit of all those who are engaged in the manufacture, research and development as well as the commercial aspects of textile business. The course will cover the fibres, yarns and fabrics used in textile products for apparel, household and technical textiles applications as core modules. The third day will offer two specialist modules covering dyeing and finishing and fabric testing and analysis.

## The Textile Institute

The Textile Institute is a unique organisation in textiles, clothing and footwear. It was incorporated in England by a Royal Charter granted in 1925 and is a registered charity. The Institute has Individual and Corporate members in up to 70 countries, the membership covers all sectors and all disciplines in textiles, clothing and footwear. Within the global textiles, clothing and footwear industries the aim of the Institute is to facilitate learning, to recognise achievement, to reward excellence and to disseminate information.

The Textile Institute  
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E: [ringham@textileinst.org.uk](mailto:ringham@textileinst.org.uk)  
[textileinstitute.org](http://textileinstitute.org)

## Cost (VAT included)

Full Course (3 Days)  
TI Member – £620  
Non Member – £820  
Teacher – £480  
Student – £400

2 Days  
TI Member – £432  
Non Member – £540  
Student – £300

1 Day  
TI Member – £256  
Non Member – £320  
Student – £150

Refreshments, lunch and supporting course materials are all included in the price.



For information please visit:  
[textileinstitute.org](http://textileinstitute.org)

## Tutors



### **Prof Subbiyan Rajendran CText FTI**

Raj is currently Emeritus Professor at the University of Bolton, UK. He has previously held the position of Professor of Biomedical Materials and STEM Champion. He has 39 years of academic experience, has published 181 research papers that include 11 books and 8 patents. He has been honoured with a prestigious medal by The TI for his devotion to the furtherance of scientific knowledge concerning fibrous materials. Raj received a prestigious Research Fellowship award from UNIDO. He is a Fellow of The TI and a member of Council and Professional Qualifications Committee.



### **Mr Simon Burnett-Boothroyd CText FTI**

Simon is a consultant in a broad spectrum of textiles. He has an expansive portfolio in development of products from medical specialisms to high performance outer wear fabrics. Simon is a patent holder in woven fabrics in the PPE market and currently sits on the standard body as an industrial expert in this field. He is a published author and regularly writes for the fire times. He has guest lectured internationally on PPE and Medical textiles. He is also a committed member of the TI council.



### **Dr Xiaogang Chen CText FTI**

Xiaogang is a Reader in the School of materials at the University of Manchester, and is a trained textile scientist and technologist. He obtained his BSc and MSc degrees from China and his PhD degree from The University of Leeds in the UK, specialising in textile engineering. His teaching career in textile technology started in 1985 in China and continued in the UK from 1994. He is an active researcher into textile engineering, textile composites, and technical textiles, in particular ballistic protective textiles. His researches are funded by the EPSRC, DTI, Home Office and MOD, as well as from industry.



### **Mr Adrian Wilson**

Adrian is an analyst and writer specialising in the technical textiles, nonwovens and composites industries. He is the owner of AWOL Media and the consulting editor for *Sustainable Nonwovens*, *International Filtration News* and *Technical Textiles International*, while contributing to many other industry titles. He is also the author of numerous reference books on these industries.



### **Dr Elizabeth Gaston**

Elizabeth is Senior Lecturer in Fashion at Northumbria University, UK. She has extensive experience in knit design, research and education including many years running short courses in knit design and technology at the University of Leeds, UK. Her research interest extends from craft practice to virtual manufacturing and she has lectured widely worldwide.



### **Mr Ian Smith CText FTI**

Ian is a Textile Consultant working with companies around the world on Textile Wet Processing. A technical dyer with specialisation in the Wool and synthetic fibre sectors. He has run training courses on textile wet processing for buyers and designers of several high street brands, as well as recently developing a technical training course for the Carpet manufacturing sector. He works as a consultant to the World Bank, and other NGO's as well as major processing and chemical organizations on a global basis, with an emphasis on cleaner production and sustainability.

## Programme

**Fibres;** their production, properties and areas of application.

**Yarns;** their production, properties and areas of application.

**Weaving;** yarn preparation, fabric production, fabric structure, fabric properties and areas of application.

**Warp and weft knitting;** fabric production, fabric structure, fabric properties and areas of application.

**Nonwoven Fabrics;** classification, web formation, wet-laid, dry-laid and polymer-laid fabric production, fabric properties and areas of application.

**Dyeing & Finishing;** preparatory processes for different textile materials, dyeing, principles of colouration.

**Fabric Testing & Analysis;** fabric performance, fabric specifications, fabric testing and analysis.

## Course Director

Prof SC Anand MBE

DSc Comp TI CText FTI MSc Tech PhD AMCST



## How to Book your place

Simply complete and return a booking form along with your payment. Your delegate place will be confirmed within 5 working days via email so please ensure that you supply a correct email address.

Contact **Robyn Ingham**, events coordinator

T: +44(0)161 237 1188

E: [ingham@textileinst.org.uk](mailto:ingham@textileinst.org.uk)