

## Cost

### Full Course

TI Member - £644 inc VAT

Non Member – £805 inc VAT

### 1 day only

TI member – £230 inc VAT

Non Member – £287.50 inc VAT

Included in your course fees are refreshments throughout the day, lunch, course handouts and samples.

### How to Book your place

Simply complete and return the attached 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.

In-house and Company sponsored courses are available, please contact us for a quotation. (Contact details below)

### 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 80 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.

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The Textile Institute Training Programme

# Introduction to Textiles

YARN

FIBRE

WEFT

WARP

FABRIC

DESIGN

TEXTILE

DYEING

WOVEN

GLOBAL

PHYSICAL

MATERIAL

CHEMICAL

CLOTHING

FOOTWEAR

PROPERTIES

NONWOVEN

PRODUCTION

PERFORMANCE

FUTURE TRENDS

### The Course

Introduction to Textiles is a new and intensive 3 day course aimed at both new entrants to the textile industry or those requiring a deeper understanding of textiles, their manufacture, properties, performance and quality issues.

This course is suitable for people engaged in the supply chain as well as manufacturers, designers, merchandisers and retailers. Technologists and those involved in financial and commercial aspects of the industry will find this course of benefit. No prior knowledge of textiles is necessary for this specialised short course.

23, 24, 25 February 2010 – Manchester

# Programme

## Day 1

### Fibres & Yarns Trainer

#### Lead Presenters

Mr Trevor Rowe & Dr Kim Gandhi

Topics to be covered:

Fibres – markets, fibre classifications, fibre types, production, physical and chemical properties, applications.

Woven fabrics - their design, manufacture, fabric properties and applications

## Day 2

### Fabrics

#### Lead Presenters

Prof Subhash Anand & Mr Trevor Rowe

Topics to be covered:

Warp and weft knitted and nonwoven fabrics, production, design and properties, fabric analysis, future trends.

Yarns – yarn types, yarn production systems, yarn properties and processing parameters, filament yarns and their production.

## Day 3

### Wet processing & fabric performance

#### Lead Presenters

Prof Derek McKelvey & Mrs Christine Wilkinson

Topics to be covered:

Preparatory process for different textile materials, dyeing, principles of colouration, fabric performance, fabric specifications, fabric testing and analysis.

### The Venue

St James' Buildings are situated on Oxford Street in Manchester and are within easy walking distance of all major railway stations and also within easy reach of Manchester Airport. The buildings are also the international headquarters of The Textile Institute.

There is a range of accommodation situated nearby to suit all budgets. Please contact us for a complete list.

## Our Trainers

### Mr Trevor Rowe BSc (Textile Technology)

Trevor currently works as a Senior Lecturer in Textile Technology at the University of Bolton. He has organised and delivered short courses in various aspects of textiles over the last 20 years. He also regularly lectures in many countries around the world and work as a consultant to the textile industry.

### Dr Kim Gandhi CText FTI FRSA FTA MCFI

Kim worked at the University of Huddersfield as Head of Research and Deputy Course Leader in weaving technology and textile design. He has organised and delivered short courses for nearly 20 years. Currently he works as a consultant within the textile industry and is also a visiting professor.

### Prof Subhash Anand MBE CText FTI MSc PhD AMCST

Subhash is Professor of Technical Textiles at the University of Bolton. He has organised and conducted short courses in various areas of textiles over the last 30 years. He also works as a consultant to many textile companies across the world including Baltex Ltd, Lantor UK Ltd, Nylatex, Tytex A/S and Bhilwara Group.

### Prof Derek McKelvey CText FTI

Derek has worked in industry as the Head of Dyeing and Finishing for Marks and Spencer. During this time he developed and introduced the first retailer environmental code of practice and many new product developments which even today are still corner stones within the industry. His passion is product and process developments reducing the valuable resources of chemicals energy and water. Derek now runs his own consultancy Deltecint Ltd and sits on various educational bodies for example, The TI, SDC and the RITE GROUP

### Mrs Christine Wilkinson CText ATI MPhil

Christine was a Principal Lecturer and Acting Head of Department at Huddersfield Polytechnic lecturing in Design and Engineering of Textile Products and Testing. More lately she has prepared and taught on the Textile Training Network's Short Course programme at Leeds university.