

DEPARTMENT OF TEXTILE TECHNOLOGY

The department is pioneer in grooming textile engineers in this part of the country. Among 31 NITs of the country, it is the only NIT which runs textile technology courses and provides trained manpower to the textile industry. The department has well experienced and dedicated faculty, wide gamut of interdisciplinary research activities encompassing garment manufacturing, sewing threads, fabric and sewing thread interaction, seam characterization, garment designing, stretchable garments, garment comfort, garment chemical processing, nonwoven fabric development, aerosol filtration, surgical gowns, coir geomesh, development of bandage fabric and antimicrobial fabrics, nano-composite filaments, development of specialty yarns, waste water management.

The department has eight well equipped laboratories with modern research facilities providing technical support to the nearby industry, which are continuously being upgraded under TEQIP-II, DST-FIST and DST-instrumentation programme. In addition, several laboratories under other engineering departments and science disciplines are available for carrying out intra as well as inter-departmental research activities. The research of the department has been reported in reputed academic and applied journals, international conference proceedings etc.

Recently the department has successfully completed GOI sponsored projects on designing nonwoven fabric for pulse jet filtration, needle punched blankets, optimization of production process of PP/carbon nano-fiber composite filament.

Dr. B R Ambedkar
National Institute of Technology Jalandhar
Department of Textile Technology

Self-Sponsored Short Term Course
on

CLOTHING COMFORT

November 2nd to 6th 2019

REGISTRATION FORM

Name.....

Designation.....

Department.....

Qualification.....

Organization.....

Correspondence address.....

Phone No.....

Email.....

Accommodation required* Yes/No (Please tick)

Candidate's Signature

**Soft copy of filled registration form should be
mailed at sikkam@nitj.ac.in**

Dr. B. R. Ambedkar
National Institute of Technology
Jalandhar



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Coordinators

[Dr Vinay Midha](#)

[Dr Monica Sikka](#)



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About the Speaker

Professor Lubos Hes worked for 16 years in the Textile machinery institute in Technical University of Liberec (TUL), Czech Republic as a designer of yarn texturizing and finishing machines and later entered the TUL where he currently teaches Clothing comfort and Heat and mass transfer in textiles. His research interests also include Technical textiles and Design of textile testing instruments. At the Faculty of Textiles of the TUL, he became Head of Department of Non-wovens and later Head Department of Textile Marketing and in the meantime also served 8 years at the University of Minho, Portugal as the Invited Professor. In 1990 he was on the UNIDO mission in India. Professor Hes has authored more than 80 peer-reviewed papers and delivered more than 200 communications at conferences. He developed and published original theories on Heat transfer to rotating yarns, on Hardness of Yarn packages, on Precision convection temperature measurement on yarns and fabrics, on thermal efficiency of PCM textiles and on thermal comfort of textiles in wet state. Professor Hes was awarded 65 patents and his instruments for testing of clothing comfort are used in 22 countries. In 2010 he received the highest Manchester Textile Institute award and later the Innovation award from this international institute. In 2011 he was awarded by the Honorary doctorate and in 2012 by the full professorship by the Wuhan Textile University, China. In 2016, he received the Innovation prize from the Czech government.



About the Course

The course is aimed to disseminate knowledge on clothing comfort covering various aspects of comfort such as Physiological, Psychological, Physical, Thermo-physiological, Tactile, Fit and Aesthetic. A basic understanding of comfort aspects of textile materials would be extremely useful for fibre, yarn and fabric manufacturer, researcher, garment designer, processing industries for designing fabrics/garments for different applications.

HOW TO APPLY?

The applicants should send their applications in the specified format through email to sikkam@nitj.ac.in on or before October 20th 2019.

REGISTRATION FEE

Program/Course	Fee (INR)
Short term Course Only	2000
Combo offer : Registration to STC & complimentary registration to ICETT 2019	3000 (for Indian students) 4500 (for other Indian participants)

Organizing Committee

PATRON

Professor Lalit Kumar Awasthi
Director, NIT Jalandhar

COORDINATORS

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THE INSTITUTE

Dr B R Ambedkar National Institute of Technology, Jalandhar (NITJ) is a leading premier autonomous Institution of northern India (under Ministry of Human Resource Development, Govt. of India, New Delhi) located in eco-friendly environment amidst a rambling campus spread over 154 acres.

Established in the year 1987 as Regional Engineering College, was given the status of National Institute of Technology in the year 2002 under the aegis of Ministry of Human Resource Development, New Delhi. The Institute was accorded the status of 'Institute of National Importance' under the act of Parliament-2007. The Institute offers Bachelor of Technology (B Tech) programmes in nine disciplines of Engineering and Technology, Master of Science in Chemistry, Physics and Mathematics, Master of Technology (M Tech) and Doctor of Philosophy (Ph D) in all Disciplines of Science & Engineering. Institute also possesses a Central Workshop, CAD/CAM centre and Computer Centre for soft computing. Central Library of the Institute subscribes e-journals and standards with on-line access and hard copies of latest books and Journals.

The various departments of the institute are actively involved in several sponsored projects including DST - FIST Programme, TEQIP-II, DST-instrumentation, TIFAC and MHRD projects etc. Faculty members are also involved in outside institutes - network / joint projects, international and national academics, professional societies, industry / government/ public/ community service, consultancy etc.