

**Dr B R Ambedkar National Institute of
Technology, Jalandhar
Department of Textile Technology**



**Faculty Development Programme
on
Apparel Design
(FDP under Atal Programme)**

February 1st to 5th, 2021



**Applicants should registered online before
the scheduled date January 25th, 2021 on
AICTE Atal Portal - [https://www.aicte-
india.org/atal](https://www.aicte-india.org/atal)**

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 eleven 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, CSIR, 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.

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-III, 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. There are 30 students pursuing research at doctoral level. The research of the department has been reported in reputed academic and applied journals, international conference proceedings etc.

Recently the department has transferred the right of manufacturing the test rigs (filter media for pollution control in industries) to Kanwal Enterprises, Gurgaon. Department also applied for the patents of various instruments i.e an apparatus for testing cleanable filter media in tubular form, apparatus for testing cleanable filter media in flat form, bedsheet cum patient cum shifting device, development of device for measuring light transmittance, instrument for testing soil erosion control performances of geomeshses.

COURSE SCHEDULE

Day	9:30-11:00 am	11:30-1:30pm	2:30-4:00 pm
February 1 st , 2021	Inauguration	Ms Alpa, Associate Professor, NIFT Kangra: Apparel Design softwares and Design Studio	Ms Alpa, Associate Professor, NIFT Kangra: Principles of Apparel Design
February 2 nd , 2021	Mr Ritesh Gupta, Head FDDCI Mohali: Overview of apparel manufacturing	Prof Vinay Midha, Head, NIT Jalandhar: Sewing Machinery and Sewing Room Operators	Prof Vinay Midha, Head, NIT Jalandhar: Sewing Threads and sewing performance
February 3 rd , 2021	Professor V K Kothari, Emeritus Professor, IIT Delhi: Fabric Defects, Design Costing and Inspection System used for Apparel Production	Dr A K Choudhary, Associate Professor, Dr B R Ambedkar NIT Jalandhar: Apparel Quality and Quality Control in Apparel Production	Dr A K Choudhary, Associate Professor, Dr B R Ambedkar NIT Jalandhar: Trims and Accessories used in Apparel Production
February 4 th , 2021	Mr Saurabh Chaturvedi, Assistant Professor, NIFT Kangra: Bundling, Ticketing & RFID Technology	Mr Niraj Jaiswal, Assistant Professor, NIFT Kangra: Pattern Making and Drafting	Mr Niraj Jaiswal, Assistant Professor, NIFT Kangra: Pattern Making for Men's Wear
February 5 th , 2021	Mr Niraj Jaiswal, Assistant Professor, NIFT Kangra: Pattern Making for Women's Wear and Kids	Mr Saurabh Chaturvedi, Assistant Professor, NIFT Kangra: Marking, Spreading and Lay Plan	Mr Saurabh Chaturvedi, Assistant Professor, NIFT Kangra: Apparel Cutting Tools and Cutting Room Planning

Organizing Committee

Patron

Prof. Lalit K. Awasthi
Director, NIT Jalandhar

Coordinators:

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How to Apply

The applicants should send their applications through Online registration on AICTE Atal Portal <https://www.aicte-india.org/atal> before January 25th, 2021.

Registration Fee

There is no registration fee for attending the course.



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Coordinators

Dr Vinay Midha and Dr A K Choudhary



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Dr B R Ambedkar National Institute of
Technology Jalandhar (Punjab)**

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