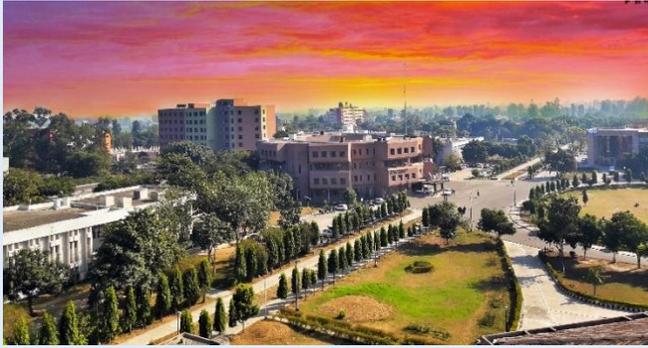


## ABOUT NIT, JALANDHAR



Dr B.R. Ambedkar National Institute of Technology Jalandhar (NITJ) was established in the year 1987 as Regional Engineering College and was conferred the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. The Government of India has declared the Institute as an “**Institute of National Importance**” under an act of Parliament in 2007.

As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers B Tech, M Tech, M Sc, MBA and PhD programmes in several disciplines of Engineering, Technology and Sciences.

## HOW TO REACH NITJ

The institute is located on GT Road at a distance of 15 km from Jalandhar Bus Stand, 12 km from Jalandhar City Railway Station and 18 km from Jalandhar Cantt. Railway Station. It is well connected to New Delhi by Road through AC bus service and Rail through Shatabadi/Superfast trains.

The city is surrounded by famous rivers Sutlej and Beas. Jalandhar is internationally famous for sports goods industry and hand tools industry.

## ACCOMODATION

Limited accommodation would be available in the NITJ Guest Rooms/Hostels for outstation participants on nominal charges at first come first serve basis. Contact Rohit Kumar @ 7837312626 for accommodation related queries.

## Who can attend this STC?

Faculty members/Industry-Professionals/Research-Scholars/PG-Students can attend the STC. The interested persons need to apply to the ‘Course Coordinator’ in the prescribed format by due date (through proper channel).

## REGISTRATION

The Registration Fees ₹ 1,000/- to be submitted in the form of DD in the favor of “**The Director, NIT Jalandhar**”, payable at “Jalandhar”

OR

Registration fee may be paid in CASH at registration desk on the spot.

Last date of Registration: November 30, 2019.

### Chief Patron

**Professor (Dr) L K Awasthi**

Director

Dr B R Ambedkar NIT, Jalandhar

### Chief Convener & HOD

**Dr Ajay Gupta**

Head

Department of Industrial & Production Engineering

### Coordinators

**Dr Arvind Bhardwaj**

Professor

Department of Industrial & Production Engineering

Ph.-9465758362

Email: bhardwaja@nitj.ac.in

**Dr Rakesh Kumar**

Associate Professor

Department of Industrial & Production Engineering

Ph.- 8288012020

Email: sharmark@nitj.ac.in

### Convener

**Dr Rajeev Verma**

Assistant Professor

Department of Industrial & Production Engineering

Ph.- 9464740847

Email: vermar@nitj.ac.in

## One Week Short Term Course On

## “*Advances in Operations Management for Manufacturing Systems*”

**December 2 - 6, 2019**

Funded by

Technical Education Quality Improvement Program-III

### Coordinators

**Dr Arvind Bhardwaj**

**Dr Rakesh Kumar**

### Chief Convener

**Dr Ajay Gupta**

### Convener

**Dr Rajeev Verma**

### Organized by

**Department of Industrial and  
Production Engineering**



**Dr B R Ambedkar**

**National Institute of Technology Jalandhar  
Jalandhar, Punjab, India, 144011**

[www.nitj.ac.in](http://www.nitj.ac.in)

## OVERVIEW OF COURSE

Industrial Engineering is an important branch of Engineering that is concerned with the integrated systems of people, design, improvement and installation of materials and equipment. The place of 'Operations Management' is undoubtedly at the core of the field of Industrial Engineering and Management. In fact, Operations Management is obligatory for organizations to manage the daily activities seamlessly. With its help, an organization is able to make optimized use of its resources like manpower, raw material, capital and other resources. Organizational efficiency (and eventually the business success) largely depends on how well its operations are understood and handled. Supply Chain Management as a prominent part of Operations Management is concerned with strategic choices, sharing of information and resources, coordination of logistics and capacity to optimise the cost-effective creation of value along a supply chain. It also enhances the visibility and traceability of product/service, minimized wastes and cost, streamlined and integrated operations, accelerated "Time to Customer" and optimise overall performance.

With the advent and wide-spread use of modern technologies (soft as well as hard), these fields are inevitably influenced. This STC is being proposed, sensing the need to strengthen the faculty and research scholars of Engineering and Management Institutions engaged in teaching and research in these areas. Beginning with a bird's eye view of the important facets of 'Operations Management', the proposed STC intends to cover a good selection of contemporary advancements in various issues of the field especially focusing on supply chain management.

## OBJECTIVES OF THE COURSE

Operations management is an area of management concerned with designing and controlling the process of production and redesigning business operations in the production of goods or services. Operation management covers sectors like banking systems, hospitals, companies, working with suppliers, customers, and using technology. Operations is one of the major functions in an organization along with supply chains, marketing, finance and human resources.

This course is designed to impart knowledge to the participants pertaining to theoretical as well as analytical treatment to the problems related with operation management and Supply Chain. The course content would include the emerging theories in operation management and flow of goods, movement and storage of raw materials, work-

in-process inventory, and finished goods from point of origin to point of consumption. The course will explore critical aspects like optimal design of supply chain, good vendor selection policy, reverse logistics, risk management issues etc., as applicable to supply chain management. The participants from academia will be benefited immensely by these latest updates for improving their teaching abilities, curriculum and carry out research activities in the field of Supply Chain and Operations Management. The industry participants may adopt the models and tools in order to improve the efficacy of their organizations to take up the challenge and better competitiveness.

## GENERAL INFORMATION

- Registration kit and Course material shall be provided to the participants.
- No TA/DA shall be paid to the participants. The participants are expected to bear TA/DA themselves.
- Accommodation may be provided to participants in the Hostel on payment basis on their specific request.
- Last date of receiving of registration forms is 30/11/2019. List of selected candidates will be displayed on institute website latest on the same day. Reporting date is 02/12/2019 at 9.00 AM in NKN Hall, IT park building, NIT Jalandhar.

## ABOUT THE DEPARTMENT

The Department of Industrial and Production Engineering, Dr B R Ambedkar NIT Jalandhar has emerged as a great source of imparting knowledge with an objective of enabling engineers to improve efficiency and effectiveness of both manufacturing and service sector Industries. A strong emphasis is laid on designing of such systems of Man-Machine symbiosis, which facilitate optimum utilization of scarce resources.

The Department has been offering Under-graduate Programme (B-Tech in Industrial & Production Engineering) since 1989, Postgraduate Programme in Manufacturing Technology and Industrial Engineering from year 2006 and 2020 respectively. The course curriculum has been designed compatible to the existing and emerging needs of the industry. The autonomy of the Institute is a privilege to the department in terms of flexibility to modify and revise courses/syllabi at different time intervals to cater contemporary needs of the Industry. The Department has established state-of-the-art facilities in various laboratories.

Adequate inputs of practical training, industrial tours, case studies, and project work and computer applications are given to support core theory courses. Presently more than thirty research scholars are registered in the department for pursuing PhD.

## REGISTRATION

Email the scanned copy of following filled registration form along with DD to [ipe.nitj@nitj.ac.in](mailto:ipe.nitj@nitj.ac.in)

### Application Form

**Name: Mr./Ms./Dr.** \_\_\_\_\_  
(In Capital Letters)

**Designation:** \_\_\_\_\_

**Department:** \_\_\_\_\_

**Organisation:** \_\_\_\_\_

**Address for Correspondence:** \_\_\_\_\_

**Mobile No.** \_\_\_\_\_

**E-Mail ID:** \_\_\_\_\_

**Educational Qualification:** \_\_\_\_\_

**Accommodation Required:** (Yes/No)

**Fee Detail: Amount** \_\_\_\_\_ **DD No.** \_\_\_\_\_

**Signature and Date:** \_\_\_\_\_

**Recommendation of the Sponsoring Authority:**

The application is hereby sponsored and will be permitted to attend short-term course, if shortlisted.

**Date:** \_\_\_\_\_

Signature and Seal of Sponsoring Authority