

## About NIT, Jalandhar

Dr B R Ambedkar National Institute of Technology Jalandhar is amongst the 20 NITs established by Ministry of HRD, Government of India. The institute came into existence in the year 1988 (earlier Regional Engineering College Jalandhar) and obtained the status "Institute of National Importance" by Act of Parliament 2007. The institute is offering B Tech programme in various disciplines like Computer Science and Engineering, Electronics and Communication Engineering, Instrumentation and Control Engineering, Mechanical Engineering, Civil Engineering, Textile Technology, Biotechnology, Chemical Engineering, and Industrial & Production Engineering. In addition to B Tech programmes, the institute offers M Sc programmes in Physics, Chemistry and Mathematics, M Tech programmes in all Engineering departments, and Ph D programmes. As on date, there are about 66 candidates pursuing Ph D at the campus. As per the survey conducted by AC NIELSEN-ORG-MARG in the year 2006, the institute has been ranked 4<sup>th</sup> amongst all NITs and 18<sup>th</sup> amongst all engineering institutions including IITs in the country.

### Location

The institute is located on G.T Road Amritsar by-pass 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 connected to New Delhi by Road through AC bus service and Rail through Shatabdi/Superfast trains. The city is surrounded by famous rivers Sutlej and Beas. Jalandhar is internationally famous for sports goods industry and hand tools industry.

### Vision

To build a rich intellectual potential embedded with interdisciplinary knowledge, human values and professional ethics among the youth, aspirant of becoming scientists, engineers and technologists so that they contribute to society and create a niche for a successful career.

### Mission

To become a leading and a unique institution of higher learning, offering state-of-the art education, research and training in science, engineering and technology to students who are able and eager to become change agents for the industrial and economic progress of the nation. To nurture and sustain an academic ambience conducive to the development and growth of committed professionals for sustainable development of the nation and to accomplish its integration into the global economy.

## Who can attend the winter school?

A faculty member of an Engineering Institution (approved by AICTE) can attend the course. The interested persons need to apply to the 'Coordinator' in the prescribed format by due date (through proper channel). No course fee shall be charged from the participants. Lodging and boarding shall be provided by us free of charges, subject to availability.

**For registration:** Please apply to the following on the prescribed performa by due date.

**Professor (Dr) R K Garg**

**Chief Coordinator**

**Department of Industrial & Production Engineering**

Phone: 0181-2690301-02, Ext 2801

Fax: 0181-2690320, 2690932

e-mail: gargrk@nitj.ac.in, garg\_nitjal@yahoo.com

**Professor (Dr) Anish Sachdeva**

**Co-ordinator**

**Department of Industrial & Production Engineering**

Phone: 0181-2690301-02, Ext 2808

Fax: 0181-2690320, 2690932

Mobile: 9915610898

Email: asachdeva@nitj.ac.in, anish\_sachdeva@yahoo.co.in

## Organizing Committee

**Chief Patron**

Ms. Sushma Berlia  
Hon'ble Chairperson  
Board of Governors,  
NIT, Jalandhar

**Patron**

Professor Moin Uddin  
Director  
NIT Jalandhar

**Advisory Committee**

Dr Arvind Bhardwaj  
Mr R K Bansal  
Mr Sarabjit Singh  
Dr Rajeev Sharma  
Mr Ajay Gupta  
Mr L P Singh

One week

**MHRD/AICTE Winter School**

on

**"Enhancing Organizational  
Competitiveness in the Era of  
Globalization & Liberalization"**

**(04-01-2010 to 09-01-2010)**

**Sponsored by**



**All India Council for Technical Education (AICTE)**  
Ministry of Human Resource Development

Organized by

**Department of Industrial &  
Production Engineering**

**Chief Co-ordinator**

**Dr R K Garg**

**Co-ordinator**

**Dr Anish Sachdeva**



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

## Objectives of the School

Over the last fifty years, Indian industry developed capabilities to produce a wide range of manufactured goods. The accent was on self reliance sought to be achieved through a regime of controls and licensing. The inherent disadvantage of such a system which was devoid of competition was lowering the quality of operation and cost effectiveness. The situation was sought to be changed since 1991 through a policy of liberalization and attempts to integrate the Indian Economy with the rest of the world. Today in the era of globalization, the growth of Indian manufacturing cannot be seen in isolation but must be viewed as part of the existing global capacity expansion. While its success will be determined by its ability to be globally competitive, its growth will profoundly impact global manufacturing. Its ability to effectively deploy productivity improvements will decide its future. This Winter School would bring together academicians and people from industries to deliberate, discuss, and formulate strategies to succeed in these challenging but opportune times.

## Aims of the School

To upgrade the knowledge of faculty of different institutions for the latest trends and techniques being used in industry for making them competitive and also for enhancing the productivity of their organizations.

To provide an opportunity for the participants to interact and exchange their experiences.

In this Winter School, resource persons from various organizations of eminence will deliver expert lectures on various topics like:

- Manufacturing Scenario and competitiveness
- Competitiveness through Lean manufacturing
- Change Management
- Knowledge Management
- Organizational flexibility and competitiveness
- Competitiveness and maintenance practices
- Productivity Improvement Techniques
- Supply Chain Management
- Agile Manufacturing
- Soft computing techniques

## General Information

- Course material, lodging and boarding (against request in advance) during the course shall be provided free of charges in the Institute hostels.
- The outstation candidates shall be reimbursed the expenditure incurred towards traveling (limited to A C bus/ 3-tier AC by train) on production of tickets.
- Last date of receiving of registration forms: 25.12.2009
- Reporting date and time/venue at the Institute: 04-01-2010, 9.00 a.m. in Department of Industrial and Production Engineering.

## About the department

The Department of Industrial & Production Engineering, Dr. B R Ambedkar NIT Jalandhar has been offering Under-graduate Programme (B.Tech in Industrial & Production Engineering) since 1989, Post- graduate Programme in Industrial Engineering (part-time) and Manufacturing Technology (full-time) from year 2001 and 2006 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. Presently (15) fifteen research scholars are registered in the department for pursuing Ph.D. Adequate inputs of practical training, industrial tours, case studies, project work and computer applications are given to support core theory courses.

### Academic Programmes offered by the Department

#### Undergraduate Programme

- B.Tech in Industrial & Production Engineering

#### Postgraduate Programmes

- M.Tech in Industrial Engineering (Part-Time)
- M.Tech in Manufacturing Technology (Full Time)
- Ph.D. Programme (Full Time)
- Ph.D. Programme (Part Time)

## Registration Form

**Dr B R Ambedkar National Institute of Technology  
Jalandhar 144011 Punjab**

MHRD/AICTE sponsored

Winter School on

**Enhancing Organizational Competitiveness in the Era of Globalization & Liberalization"**

**(04-01-2010 to 09-01-2010)**

Name: Mr./Ms/Dr. \_\_\_\_\_

(In capital letters)

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

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

Organization: \_\_\_\_\_

Address for Correspondence

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile No: \_\_\_\_\_

E-mail ID: \_\_\_\_\_

Field of Specialization: \_\_\_\_\_

Experience : \_\_\_\_\_ (in years)

Signature and Date \_\_\_\_\_

**RECOMMENDATION OF THE SPONSORING AUTHORITY:** *(Candidates from AICTE approved technical Institutions only can apply)*

The applicant is hereby sponsored and will be permitted to attend the Winter School, if selected.

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

Signature and  
Seal of

Sponsoring Authority