

## Introduction

Technical Education has shown phenomenal expansion during the last two decades and at present, there are 4354 institutions offering diploma or post diploma programmes and 4472 institutions offering degree level programmes with a total intake capacity of 3.85 million. These institutions offer programme in wide variety of areas of engineering and technology.

21<sup>st</sup> century has posed new challenges to the system such as internationalization of higher education, increasing focus on accreditation, changing disciplinary knowledge, fast changing technology, increasing mobility of students across borders and information and communication technologies. The system needs to respond to these challenges and produce globally competent technical manpower and remain efficient and effective.

The acceptability of graduates from the system is low. The system needs major changes in its curricula for various programmes, teaching, learning and evaluation of students, resources especially in terms of laboratories, workshops and competent faculty, collaboration with industry and other organizations, management processes and structures.

## Objectives

The objectives of the conference are to:

- Identify the issues and challenges posed to technical education system
- Evolve strategies to make technical education more relevant and effective.

## Areas to be covered

The broad areas to be covered include the following:

- Issues and challenges in technical education system
- Accreditation
- Outcome based education
- Relevance and appropriateness of curricula
- Quality of instructional processes and emerging pedagogies
- Evaluation of students- changing trends and techniques of assessments
- Faculty and staff development
- Emerging technologies for teaching-learning
- Research in engineering and technical education

## Registration Fee

S. No.	Category	Fee
1.	Faculty from technical institutions	2000/-
2.	Personnel from industry	3000/
3.	Students from technical institutions	1000/-

## Important Dates

S. No	Activity	Due Date
1.	Submission of Abstract	31 October,2016
2.	Acceptance of Abstract	15 November, 2016
3.	Submission of Full Paper	31 December, 2016

## Tentative Programme Schedule

Day	Sessions	Timings
I	Inauguration Address by keynote speakers Parallel sessions for presentation of papers	10.00AM to 5.30PM
II	Parallel sessions for presentation of papers Group task Valedictory sessions	10.00AM to 4.00PM

## **Organizing Committee**

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## **About the Institute**



The institute has been in the service of technical education since 1967. The primary objective of the institute is to bring qualitative improvement in the technical education system. The institute undertakes five major activities including education & training, curriculum development, instructional material development, research & development and extension and consultancy services. The institute, since 2012, has started integrating Information & Communication Technologies in training of teachers from technical institutions. The focus is on developing digital resources for various programmes in engineering & technology to facilitate learning among the students. At present, there are 700 students pursuing their ME programmes and 70 students pursuing their PhD under the supervision of faculty of the institute. The institute undertakes research both in engineering and technology and technical education as well as offers customized services to various organizations and industry.

## **National Conference**

on

## **Technical Education in Changing Context**

**16-17 February, 2017**



### **Organized by:**

Department of Education and Educational Management,  
National Institute of Technical Teachers' Training & Research  
Chandigarh-160019