

Office of College Development



PTU

ਆਈ. ਕੇ. ਗੁਜਰਾਲ. ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ

Estd. Under Punjab Technical University Act, 1996
(Punjab Act No.1 of 1997)

Ref. No. IKGPTU/DCD/3963

Dated 28/08/2017

Director/Principal/Faculty
All Affiliated Colleges of IKGPTU

Subject: Regarding Educational Conclave on Emerging Trends in Technical Education at NITTTR, Chandigarh from 06.09.2017 to 07.09.2017.

Sir,

IKGPTU is determined to upgrade the level of technical education in the state of Punjab. It has been felt that there is a need to organize a National Conclave of Educational Bodies and industries to discuss their vital issues at a common platform and accordingly plan to create awareness amongst academicians, scientists, researchers and practitioners from various disciplines and sectors about the issues and challenges posed to technical education system. In the context of the same, NITTTR, Chandigarh in collaboration with PEC, Chandigarh, FICCI and I.K.Gujral Punjab Technical University is organizing Educational Conclave on Emerging Trends in Technical Education from 6th of September, 2017 to 7th September, 2017 at NITTTR, Chandigarh.

The Chief Co-ordinators of the conclave are

1. Prof.(Dr.) S.S. Pattnaik, Director, NITTTR, Chandigarh
2. Prof.(Dr.) Manoj Arora, Director, PEC, Chandigarh
3. Sh. Vajralingam, IAS, VC, IKGPTU
4. Prof.(Dr.) M.P.S. Ishar, VC, MRSPTU

The Brochure of the Programme is attached here with the details of the Registration fees etc. The colleges are requested to ensure maximum participation of their faculty, principal and office bearers in this Conclave. Colleges have to register directly with NITTTR, Chandigarh as per the information given in the brochure and information regarding registered participants shall be sent to University through e-mail at contact.cd@ptu.ac.in.

With regards

Director (College Development)

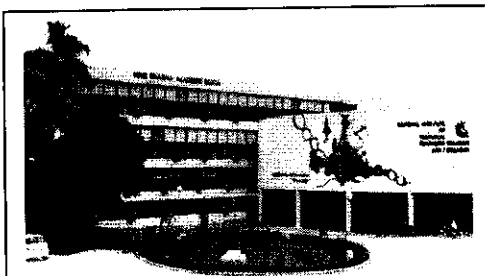
"Propelling Punjab to a Prosperous Knowledge Society"

I. K. Gujral Punjab Technical University

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September 6th to 7th, 2017

Educational Conclave on EMERGING TRENDS IN TECHNICAL EDUCATION



**National Institute of Technical Teachers
Training and Research**
Ministry of Human Resource Development
Government of India
Sector 26, Chandigarh 160 019



PEC University of Technology
(Punjab Engineering College)
Sector 12, Chandigarh, 160012



I.K. Gujral Punjab Technical University
Jalandhar-Kapurthala Highway,
Near Pushpa Gujral Science City,
Ibban, Kapurthala, Punjab 144603

Knowledge Partners :



**CHITKARA
UNIVERSITY**
HIMACHAL PRADESH

Barotiwala, Baddi
Himachal Pradesh



**Maharaja Ranjit Singh Punjab
Technical University, Bathinda**

Industry Partner :



Federation of Indian Chambers of Commerce and Industry

Venue :

National Institute of Technical Teachers Training and Research
Ministry of Human Resource Development, Government of India
Sector 26, Chandigarh 160 019

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 programmes in a wide variety of areas of engineering and technology. 21st century has posed new challenges to this technical education system due to internationalization of higher education, increasing focus on accreditation, changing disciplinary knowledge, fast changing technology and changing job profiles, increasing mobility of students across borders, emphasis on information and communication technologies to name a few. The system needs to respond to these challenges and produce a globally competent technical manpower. The system needs major changes in its curricula of 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.

There is a need to organize a National Conclave of educational bodies and industries to discuss their vital issues at a common platform and accordingly plan to create awareness amongst academicians, scientists, researchers and practitioners from various disciplines and sectors about the issues and challenges posed to technical education system. Deliberations need to be done on new initiatives, practices, processes and latest technologies which can be incorporated in the process of dissemination of technical education to make it more effective and relevant. This will help to change the perception about technical education, assimilate the strategies and recommendations made during the conference and disseminate the same to the stakeholders for initiating appropriate action to improve the relevance, efficiency and effectiveness of technical education system.

A National Conclave on "Emerging Trends in Technical Education" planned to be organized at NITTTR, Chandigarh from September 6-7, 2017 is a step towards the above direction.

OBJECTIVE

Coordinated efforts are needed to bring about a synergy between the various stakeholders for improving the outcomes of technical education delivery mechanisms in India. The national conclave aims to provide a forum for those who influence policies and decisions that will improve the strategies for enhancing the quality of technical education in the country. It aims to provide directions & perspective on specific issues related to:

- Address the challenges being faced in the technical education sector in the nation and integrating government initiatives to bring much needed changes in the sector.
- Assessment, accreditation, evaluation & quality standards in technical education.
- Curriculum overview and changes required in teaching, learning & evaluation of students, address issues related to resources & faculty including management protocols & structuring thereof.
- International trends in technical education delivery and investments in technical education.
- Role of new pedagogy in digital world : learning from world class institutions.
- Emerging landscape for elevating the quality of technical education in India through global partnerships.
- Educational models relevant to technical education to fuel intensive market oriented research in the institutions.
- Value addition through enhanced stakeholder participation and consequent deliberations on various challenges being faced in technical education in India at present.
- Vision 2020 for technical education: Reality, expectation & the way forward.
- Creating conducive atmosphere for engagement with industry in the domains of R&D, consultancy, & manpower development to generate world class technically competent workforce.

THEMES

The broad themes of the conclave include:

- Issues and challenges in technical education system
- Quality assurance and Accredition
- Vision 2020 for Technical Education
- Outcome based education
- Relevance and appropriatness of curricula
- Quality of instructional processes and emerging pedagogies

- Evaluation of students-changing trends and techniques of assessments
- Emerging technologies for teaching and learning
- Research in engineering and technical education
- Education and creativity
- Service Learning
- Training of Wisdom-Teachers
- Design challenges for a new National Education Policy
- Case Studies in implementing new initiatives

CALL FOR PAPERS

Policy makers, academicians, researchers and students are invited to submit papers covering original research work and case studies. The abstracts should not exceed 300 words, 12 point font size, Times New Roman on MS word with single line spacing. The length of full paper should be about 4000 words, 12 point font size, Times New Roman, MS Word, 1.5 line spacing. Papers submitted in PDF format will not be accepted. Tables, illustrations, charts, figures, etc. should be serially numbered and should have a minimum resolution of 300 dpi. References should be in the APA style and would be listed on a separate page at the end and should be appropriately indicated in the text of the paper by super scribing the relevant reference number. Each paper must contain an undertaking (duly signed by each of the authors) that it is exclusively for the said conference. The format is attached in the brochure. One hard copy should be sent to the conference convener along with a soft copy. The soft copy should be sent to goldenjubilee.conference@gmail.com

PROCEEDINGS

All papers accepted for presentation in the Conclave will be published in the proceedings having ISBN Number. Few selected papers will be published in the Journal of Engineering of Technology Education published by National Institute of Technical Teachers Training & Research (NITTTR).

SUBMISSION DEADLINES

Submission of abstract :	20 th August, 2017
Intimation of acceptance of abstract :	27 th August, 2017
Receipt of Full length Paper as per prescribed format :	30 th August, 2017
Last date of receipt of Application for Registration :	31 st August, 2017

REGISTRATION FEE

Faculty from Academic/Research Institutes-	Rs. 1000/-
Research Scholars/Students –	Rs. 750/-
Industry -	Rs. 1500/-

The registration fee covers the proceedings, conference, kit, refreshment and lunch during the days of the Conference. The registration fee may be paid by cash/demand draft in favour of **Director, NITTTR, Chandigarh**. Payable at Chandigarh. Accommodation can be provided in the institute hostel for delegates on request on payment. Participant are requested to ask for accommodation in advance latest by 21st August 2017.

ORGANISERS

National Institute of Technical Teachers Training and Research

National Institute of Technical Teachers' Training and Research, Chandigarh has been established by Ministry of Human Resource Development, Government of India for the development of Technical Education. The institute has been in service of the nation 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 and training, curriculum development, instructional material development, research and development and extension and consultancy services. The institute has excellent laboratories, library, computer centre and modern reprographic and other production facilities. The institute offers short term courses in the areas of Civil, Mechanical, Electrical and Electronics Engineering, Educational Management, Entrepreneurship Development, Rural Development, Applied Science and Computer Science. At present, there are 700 students (including teachers) pursuing their ME programmes and 70 students pursuing their PhD under the supervision engineering and technology and technical education as well as offers customized services to various organizations and industry.

PEC University of Technology

PEC University of Technology (formerly Punjab Engineering College (PEC) having its roots in Lahore as Mugalpura Engineering College since 1921, moved to its present campus in 1953 as PEC affiliated to Panjab University. The institute became Deemed University in 2003 and was PEC University of Technology in 2009. The institute has a 146 acres sprawling and pious campus and is house of Chandigarh College of Architecture also. The academic and administrative processes are similar to IITs in the country. The institute offers 8 Undergraduate B. Tech. Programmes and 14 Post graduate M. Tech. Programmes in various disciplines of engineering and technology. After becoming University, the institute has also started PhD programme in various disciplines of engineering, science, management, humanities and social sciences. There are 9 academic departments and 2 centers of excellence. The faculty of academic departments and centers is involved in cutting edge research and development works. The institute collaborates very closely with research organisations, industries, alumni and other academic institutions both India and abroad, and has signed MoUs to pursue joint research in niche areas. With a history of about 95 years now, the institute has produced a number of alumni who have earned name and fame both for themselves and the institute

I.K.Gujral Punjab Technical University

I.K.Gujral Punjab Technical University (PTU) was established by an Act of State Legislature on 16th January, 1997, to promote technical, management and pharmaceutical education in the state at degree level and above. The University has the mandate to set up centres of excellence in emerging technologies and for promoting training, research and development in these areas. The University has undertaken the task of training students to help in the development of skilled manpower in this sector in the country in general and in the state in particular. With this goal in mind, the university is promoting a number of courses in different streams in regular as well as distance education programmes. At present University have 121 AICTE and 65 UGC institutes affiliated with it. The University has a land area of 78.16 acres & it owns more than 10 campuses throughout the state of Punjab. University started its journey with 09 Engineering & 05 Management colleges. IKGPTU has its own learning centers under Distance Education Programme. The University has a rich strength of lakhs of students, which also includes 1,500+ international students from 30+ countries. I.K.Gujral Punjab Technical University (PTU) has bagged the much coveted Best Technical University Award for the year 2013.

Federation of Indian Chambers of Commerce and Industry

Established in 1927, FICCI is the largest and oldest apex business organisation in India. Its history is closely interwoven with India's struggle for independence, its industrialization, and its emergence as one of the most rapidly growing global economies.

A non-government, not-for-profit organisation, FICCI is the voice of India's business and industry. From influencing policy to encouraging debate, engaging with policy makers and civil society, FICCI articulates the views and concerns of industry. It serves its members from the Indian private and public corporate sectors and multinational companies, drawing its strength from diverse regional chambers of commerce and industry across states, reaching out to over 2,50,000 companies.

FICCI provides a platform for networking and consensus building within and across sectors and is the first port of call for Indian industry, policy makers and the international business community.

Education Conclave Chief Co-ordinators :

Prof.(Dr) SS Pattnaik
Director,
NITTTR, Chandigarh

Prof.(Dr) Manoj Arora
Director,
PEC University of Technology

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Vice Chancellor,
I.K.G.Punjab Technical University

Prof.(Dr) MPS Ishar
Vice Chancellor,
MRSPTU

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