

National Workshop on Technical Education in National Context: Challenges and Strategies

5-7 October 2017

राष्ट्रीय संदर्भ में तकनीकी शिक्षा: चुनौतियों और रणनीतियों

पर राष्ट्रीय कार्यशाला

5-7 अक्टूबर 2017



Organised by
आयोजनकर्ता

National Institute of Technology
Tiruchirappalli, Tamilnadu

राष्ट्रीय प्रौद्योगिकी संस्थान
तिरुचिरापल्ली, तमिलनाडु

National Institute of Technology Tiruchirappalli

National Institute of Technology, Tiruchirappalli (NITT) has been consistently ranked as the top institution among all the NITs and 11th among Technology Institutions (2017) by National Institute Ranking framework (NIRF), Government of India. Besides, NITT won the prestigious CIH-AICTE best industry linked institute by competing with other IITs, NITs etc. NITT received High impact Entrepreneurship Campus Award, jointly awarded by the Ministry of Skills Development and Entrepreneurship. The institute also received national level awards from ASSOCHAM for the best institute for use of ICT tools in education and championing social causes. NITT received FICCI's recognitions for the Visionary Idea of Academic transformation, Social Responsibility and Excellence in Employability.

NITT has been active in all national programmes including promotion of Innovation through Alumni sponsored Innovation Labs and supporting Entrepreneurship through a Section 8 Company, Centre for Entrepreneurship Development and Incubation (CEDI) with funding from Government of India and Sonata Software Ltd.



Technical Education in National Context

India is emerging to be one of the leading economies of the world in the next decades. Higher education, particularly technical education has a vital role in the socio-economic transformation. There is a need to create world-class higher educational institutions matching the standards of best universities in the world, which implies that our Indian institutions have to find top positions in the QS/Times ranking. In order to achieve this objective, long term planning at the institutional level with focus on creating global alliance of institutes and industries for research, innovation and social inclusion, has to be done.

As Government funding is likely to decrease, other funding options for higher education have to be explored. In addition, the institutions have to adopt approaches and methods for improving productivity of key resources such as funds, faculty, infrastructure etc. For instance, there is a need to scale up the technology-induced models of teaching-learning systems.

Workshop Objectives & Themes

Given the emerging national context, the workshop focuses on the following objectives:

- ✓ To comprehensively understand emerging socio-economic scenario and key stakeholders' perspectives.
- ✓ Propose strategic intent and potential actions to position our institutions at the national and international levels
- ✓ Initiate institutional preparation for implementing key actions taking into consideration local requirements.
- ✓ To develop and submit a concept paper as inputs for policy making, based on outcomes of the workshop.

The objectives of the workshop are translated into following themes

- Goal Setting and Strategic Planning
- Industry-focused Technical education
- Research and IP Generation
- Innovation and Entrepreneurship
- Graduate Employability
- Leveraging Alumni Potential
- Resource Generation & Management
- Human Value based Education
- Inclusive Technical Education
- Human Resource Development
- National and International Ranking
- Managing Productive use of Resources

Workshop Methodology

Lead Presentations

National and international Academia, National Intellectuals, Industry Leaders, Entrepreneurs, Social Development Organizations

Panel Discussions

Industry including SMEs, Rural Development Organizations, Funding Agencies, Alumni, Students, Collaborators etc.

Networking Sessions

Focus on Curriculum innovation, Research, Innovation, Entrepreneurship, TEQIP, Administration, etc

Social Evenings

Social engagements, experience of local art, food, etc

Heritage Encounters

Visit to local heritage locations, rural industries and other NITT initiatives

Suggested Profile of Participants

The Workshop focuses on technical education institutions under CFTI system of MHRD. It is suggested that a team of 2-3 senior faculty members, preferably Deans or Faculty members in administrative roles are nominated for the programme. Faculty who are part of NIRF Taskforce at the institute level may also be considered for nomination.

Accommodation

It is proposed to provide accommodation in the Institute Guest House on first-cum first-served basis.

Address for Communication

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Organizing Committee

Dr. Mini Shaji Thomas
Director & Patron

Workshop Coordinators

Dr. Ganesan Kannabiran
Professor (HAG) and Principal Coordinator

Dr. C. Natarajan
Professor (Civil)

Dr. T.K. Radhakrishnan
Professor (Chemical)

Dr. A.K. Bakthavatsalam
Professor (T&P)

Dr. Arul Daniel
Professor (EEE)

Dr. T. N. Janakiraman
Professor (Maths)

Dr. G. Subbaiyan
Asso. Professor (Arch)

Dr. K. Pannirselvam
Asso. Professor (Mech)

Dr. S. Nickolas
Asso. Professor (CA)

Dr. N. Sivakumaran
Asso. Professor (ICE)

Dr. S. Muthukumaran
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Asso. Professor (E&E)

Dr. S. Anandan
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Dr. A. Chandra Bose
Asso. Professor (PHY)

Dr. M. Brindha
Asst. Professor (CSE)

Dr. J. Jerald
Asst. Professor (Prod)

Dr. R. Joseph Ponniah
Asst. Professor (HSS)

Dr. G. Thavasi Raja
Asst. Professor (ECE)

Dr. V. Lavanya
Asst. Professor (DoMS)



Shri. N. R Narayana Murthy, Founder, Infosys and Shri N. Chandrasekaran, Chairman, TATA Sons with Dr. Mini Shaji Thomas, Director NITT during Convocation 2017

Registration

Institutions are requested to send their nominations along with the Registration fee of Rs.3,000/ per participant (plus applicable taxes) to the coordinator on or before **25 September 2017**. The nomination fee be paid through Demand Draft drawn in favour of Director, National Institute of Technology, Trichy.

National Workshop on Technical Education in National Context: Challenges and Strategies, 5-7 October 2017

Format for Nomination Form

Name	Telephone, Fax
Designation	Field of specialization
Department	Experience in years
Sponsoring Institution	Key roles performed
Correspondence Address	Details of Registration Fee
Email, Mobile	Signature of the Participant