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

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 CII-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 B 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

Organizing Committee

Dr. Mini Shaji Thomas
Director & Patron

Workshop Coordinators

Dr. Ganesan Kannabiran
Professor (HAG) and Principal Coordinator

| Dr. C. Natarajan | Dr. T.K. Radhakrishnan |
| Professor (Civil) | Professor (Chemical) |
| Dr. A.K. Bakhavatsalam | Dr. Arul Daniel |
| Professor (T&P) | Professor (EEE) |
| Dr. T. N. Janakiraman | Dr. G. Subbaiyan |
| Professor (Maths) | Asso. Professor (Arch) |
| Dr. K. Paniriselvam | Dr. S. Nickolas |
| Asso. Professor (Mech) | Asso. Professor (CA) |
| Dr. N. Sivakumaran | Dr. S. Muthukumaran |
| Asso. Professor (ICE) | Asso. Professor (MME) |
| Dr. M. Premalatha | Dr. S. Anandan |
| Asso. Professor (E&E) | Asso. Professor (Chy) |
| Dr. A. Chandra Bose | Dr. M. Brindha |
| Asso. Professor (PHY) | Asst. Professor (CSE) |
| Dr. J. Jerald | Dr. R. Joseph Ponniiah |
| Asst. Professor (Prod) | Asst. Professor (HSS) |
| Dr. G. Thavasi Raja | Dr. V. Lavenya |
| Asst. Professor (ECE) | Asst. Professor (DoMS) |

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 |

Suggested Profile of Participants
The Workshop focuses on technical education institutions under CFI 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
Dr. Ganesan Kannabiran
Professor (HAG) & Principal Coordinator
National Institute of Technology
Tiruchirappalli – 620015
Email: Kannabiran.nitt@gmail.com/kb@nitt.edu
Phone: 94860-01106 (M) 0431 2503703