NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI - A GLIMPSE

Prof. Mini S. Thomas
Director
National Institute of Technology, Tiruchirappalli, Tamil Nadu
director@nitt.edu
Welcome!
Campus Map

Campus spread over an extent of 777.77 acres

<table>
<thead>
<tr>
<th>Building Type</th>
<th>Plinth Area (m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instructional</td>
<td>39249</td>
</tr>
<tr>
<td>Administrative</td>
<td>10579</td>
</tr>
<tr>
<td>Amenities</td>
<td>43748</td>
</tr>
<tr>
<td>Residential</td>
<td>23673</td>
</tr>
</tbody>
</table>
Humble Beginning

- NIT Tiruchirappalli (REC-T) was set up in 1964 in rural surroundings with a view to develop the local environments.

- Represents National Character with 50% of students from other States of India. (23% Girls)

- Students from other countries under DASA, ICCR etc

- Partnering with Industries and Academia since inception

- First NIT to start MBA and MCA programmes
Milestones of NIT, Tiruchirappalli

- 1964: Admitted First Batch of UG students
- 1979: Autonomous for PG Programmes
- 1986: Autonomous for UG Programmes
- 1989: Silver Jubilee
- 2003: Deemed University
- 2007: Under NIT Act (Parliament)
- 2014: Golden Jubilee
- 2016: Ranked 12th Among Engg Inst & First Among NITs (NIRF)
Where are we today??

- NIRF 2017 11th Among Engg Institutions, top among NITs
- QS Asia University Rankings 2018 / Top 250
- FICCI University of the year 2017 (above 30 years)
- CII-AICTE best industry linked institute
- FICCI excellence award for social responsibility (2017)
- FICCI excellence award for Employability (2016)
- FICCI excellence award for Visionary ideas (2016)
- ASSOCHAM Award for best institute to use ICT tools in education
- High-Impact Entrepreneurship Campus awarded by Ministry of Skills Development and Entrepreneurship
NIRF / Overall : 34
NIRF / Engineering : 11
QS Asia University Rankings 2018

We are 23rd in India & 228th in Asia
Only NIT in the list
UNIVERSITY OF THE YEAR 2017

• FICCI HIGHER EDUCATION SUMMIT 2017
AWARDS

5th University-Industry Congress: Global Higher Education Summit 2015

Hindustan Unilever Limited

HUL Award for
Best Industry-Linked NIT / IIT / IIIT

Awarded to
NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI

Presented by
Prof. (Dr.) Ram Shankar Katheria
Hon’ble State Minister of HRD, GOI
17th February 2016

Best use of ICT/MOOCs in Education - South
National Institute of Technology,
Tiruchirappalli (TN)

THE ASSOCIATED CHAMBERS OF COMMERCE AND INDUSTRY OF INDIA
Core Strength

- Highly qualified and dedicated Faculty
- Quality students-First Choice for NIT aspirants
- Contemporary curriculum with industry focus
- Choice based flexible curriculum
- Surrounded by Large and SME industries
- Excellent Infrastructure and amenities
- Congenial academic and living environment
- International Fellowships/Internships
- Excellent Placements
- Opportunities for all-round development
Vision and Mission

• Vision
  – To provide valuable resources for industry and society through excellence in technical education and research

• Mission
  – To offer state-of-the-art undergraduate, postgraduate and research programmes.
  – To generate new knowledge by engaging in cutting-edge research.
  – To undertake collaborative projects with academia and industries.
  – To develop human intellectual capability to its fullest potential.
Vision and Mission

• Mission 1
  – To offer state-of-the-art undergraduate, postgraduate and research programmes.

• Academic Programmes
• Admission process
• Digital Initiatives
• E-governance (Integrated MIS)
13th Convocation
(12.8.2017)

Chief Guest
Padma Vibhushan
N. R. Narayana Murthy
Founder, Infosys

Doctor of Letters
(Honoris Causa)
on
Shri N. Chandrasekaran
Chairman, TATA Sons
(Alumnus MCA)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>814</td>
<td>46</td>
<td>444</td>
<td>71</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MCA</th>
<th>MBA</th>
<th>MS</th>
<th>Ph.D.</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>88</td>
<td>64</td>
<td>37</td>
<td>85</td>
<td>1649</td>
</tr>
</tbody>
</table>
Academic programmes

UNDER GRADUATE PROGRAMMES (9 +1)

1. Bachelor of Technology (8 Semester)
   – Chemical Engineering
   – Civil Engineering
   – Computer Science and Engineering
   – Electrical and Electronics Engineering
   – Electronics and Communication Engineering
   – Instrumentation and Control Engineering
   – Mechanical Engineering
   – Metallurgical and Materials Engineering
   – Production Engineering

2. Bachelor of Architecture (10 Semester)
   – Architecture
II. POST GRADUATE PROGRAMMES

• Master of Technology (4 Semesters) / [21]
  – Energy Engineering
  – Chemical Engineering
  – Process Control and Instrumentation
  – Transportation Engineering and Management
  – Construction Technology and Management
  – Structural Engineering
  – Environmental Engineering
  – Computer Science and Engineering
  – Power Electronics
  – Power Systems
  – Communication Systems
  – VLSI System
  – Industrial Safety Engineering
  – Thermal Power Engineering
  – Material science and Engineering
  – Industrial metallurgy
  – Welding Engineering
  – Industrial Engineering and Management
  – Manufacturing Technology
  – Non-Destructive Testing
  – Data Analytics (new)

• Master of Architecture (4 Semesters)
  – Energy Efficient and Sustainable Architecture

• Master of Science (4 Semesters) [3]
  – Computer Science
  – Chemistry
  – Physics

• Master of Business Administration (6 Trimesters)

• Master of Computer Applications (6 Semesters)

III. Master of Science (By Research)

  – All Engineering Departments

IV. Doctor of Philosophy

  – All Departments

M Tech Sponsored
Seats Introduced
## Admission Process

<table>
<thead>
<tr>
<th>Program</th>
<th>JEE Main</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Tech. / B.Arch.</td>
<td>JEE Main</td>
</tr>
<tr>
<td>M.Tech. / M.Arch.</td>
<td>GATE</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>Entrance test + qualifying degree examination marks</td>
</tr>
<tr>
<td>MBA</td>
<td>Common Admission Test (CAT) + UG (CGPA) + Written Test + GD + Interview + Work experience</td>
</tr>
<tr>
<td>MCA</td>
<td>NIT MCA Common Entrance Test (NIMCET).</td>
</tr>
<tr>
<td>MS (by research)</td>
<td>GATE</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>Written Test + Interview</td>
</tr>
<tr>
<td>Stipendiary Category, Other fellowship</td>
<td></td>
</tr>
<tr>
<td>Project category, Non-Stipendiary Category, Part-time (External, On campus)</td>
<td></td>
</tr>
</tbody>
</table>
## Top Rankers

<table>
<thead>
<tr>
<th>Examination</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>JEE Main</td>
<td>27 students &lt; AIR 2000</td>
</tr>
</tbody>
</table>
| NIMCET      | Top 50 Scorers  
Top 10 Rank students join NIT-T |
| CAT         | 30 students > 90 % Percentile |
# Student Strength (Total)

<table>
<thead>
<tr>
<th>Programme</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Tech.</td>
<td>2693</td>
<td>687</td>
<td>3380</td>
</tr>
<tr>
<td>B.Arch.</td>
<td>141</td>
<td>81</td>
<td>222</td>
</tr>
<tr>
<td><strong>Total (UG)</strong></td>
<td>2834</td>
<td>768</td>
<td>3602</td>
</tr>
<tr>
<td>M.Tech.</td>
<td>791</td>
<td>173</td>
<td>964</td>
</tr>
<tr>
<td>M.Arch.</td>
<td>11</td>
<td>23</td>
<td>34</td>
</tr>
<tr>
<td>M.Sc.</td>
<td>64</td>
<td>93</td>
<td>157</td>
</tr>
<tr>
<td>MCA</td>
<td>189</td>
<td>77</td>
<td>266</td>
</tr>
<tr>
<td>MBA</td>
<td>103</td>
<td>58</td>
<td>161</td>
</tr>
<tr>
<td>MS (by Research)</td>
<td>153</td>
<td>12</td>
<td>165</td>
</tr>
<tr>
<td><strong>Total (PG)</strong></td>
<td>1311</td>
<td>436</td>
<td>1747</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>747</td>
<td>316</td>
<td>1063</td>
</tr>
<tr>
<td><strong>Overall Strength</strong></td>
<td>6412</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Curriculum Design

- **Flexible curriculum: Kakodkar Committee Recommendations**
  - Choice based curriculum with Honors and Minors
  - Flexibility in Content Delivery, Flipped class rooms (Digital mode)
  - Flexibility in the modes of assessment for every subject (Tailor made)
  - Leading to a Deterministic Course Plan
  - Teacher - facilitator, Students learning at their pace

- **Minors and Open Electives**
  - There are three set of electives
    - Programme Electives
    - Open electives
    - Minor electives
Digital Initiatives

SWAYAM PLATFORM

Up to 6 credits by MOOCs
Internet Connectivity

• Campus wide LAN, 10 Gbps

• 1 Gbps shared connectivity by National Informatics Centre (NIC) using Bharat Sanchar Nigam Ltd (BSNL) and Railnet as a part of National Knowledge Network (NKN) and National Mission on Education through Information & Communication Technology (NME-ICT).

• Connected 150 Mbps (1:1) leased line from Software Technology Park of India (STPI)
Vision and Mission

• Mission 2
  – To generate new knowledge by engaging in cutting-edge research.

• Publications
• Sponsored Projects
• Patents
## Publications

### 2016-17

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research papers in Journals / International (SCI and SCI Expanded)</td>
<td>405</td>
</tr>
<tr>
<td>Conference (International)</td>
<td>226</td>
</tr>
<tr>
<td>Conference (National)</td>
<td>53</td>
</tr>
<tr>
<td>Sponsored Projects</td>
<td>36</td>
</tr>
<tr>
<td>Sponsored Projects</td>
<td>36</td>
</tr>
<tr>
<td>No. of Ph.Ds awarded</td>
<td>85</td>
</tr>
<tr>
<td>No. of Patents obtained / applied for</td>
<td>7</td>
</tr>
<tr>
<td>No. of books / books chapters published</td>
<td>23</td>
</tr>
<tr>
<td>Fellowships / Internship / Abroad Visits (Faculty / Students)</td>
<td>101</td>
</tr>
<tr>
<td>Industrial Lectures</td>
<td>69</td>
</tr>
<tr>
<td>Guest Lectures</td>
<td>214</td>
</tr>
<tr>
<td>Technical Symposium / Conferences</td>
<td>62</td>
</tr>
</tbody>
</table>

### Yearly Scopus and Web of Science

<table>
<thead>
<tr>
<th>Year</th>
<th>Scopus</th>
<th>Web of Science</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017 (till date)</td>
<td>541</td>
<td>359</td>
</tr>
<tr>
<td>2016</td>
<td>616</td>
<td>582</td>
</tr>
<tr>
<td>2015</td>
<td>551</td>
<td>527</td>
</tr>
<tr>
<td>2014</td>
<td>603</td>
<td>490</td>
</tr>
</tbody>
</table>

### GIAN courses

- 7 Completed
- 6 Approved
- 3 (Under Consideration)
## Sponsored Projects

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Financial Year</th>
<th>Sanctioned Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>2017-18 (till date)</td>
<td>19</td>
</tr>
<tr>
<td>2.</td>
<td>2016-17</td>
<td>32</td>
</tr>
<tr>
<td>3.</td>
<td>2015-16</td>
<td>33</td>
</tr>
<tr>
<td>4.</td>
<td>2014-15</td>
<td>15</td>
</tr>
<tr>
<td>5.</td>
<td>2013-14</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>118</td>
</tr>
</tbody>
</table>

**UKIERI** 6
Sponsoring Organization

Department of Sciences & Technology
Government of India

Coal India
A Mini Ratna Company

BHEL
Maharatna Company

ISRO

UKIERI
UK-India Education and Research Initiative
## Patents

<table>
<thead>
<tr>
<th></th>
<th>2014-15</th>
<th>2015-16</th>
<th>2016-17</th>
<th>2017-18</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. of patents filed</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>24</td>
</tr>
<tr>
<td>No. of Patents Acquired</td>
<td>1*</td>
<td>1*</td>
<td>2</td>
<td>Nil</td>
</tr>
<tr>
<td>No. of patents filed</td>
<td>1</td>
<td>1*</td>
<td>Nil</td>
<td>24</td>
</tr>
<tr>
<td>No. of Patents Acquired</td>
<td>Nil</td>
<td>Nil</td>
<td>Nil</td>
<td>Nil</td>
</tr>
</tbody>
</table>
Vision and Mission

• Mission 3
  – To undertake collaborative projects with academia and industries.

- Centre of Excellences
- MOUs with Academic Institutions
- MOUs with organizations
- Industry-Sponsored Scholarship
Centre of Excellence in Manufacturing (Siemens)

- 10 State-of-the-Art laboratories
  - Product Design and Validation Lab
  - Advanced Manufacturing Lab
  - Automation Lab
  - Electrical Lab
  - Energy Studies Lab
  - Process Instrumentation Lab
  - Mechatronics Lab
  - Test & Optimization Lab
  - Internet of Things (IOT) Lab
  - Machines Lab, which will have the robotics lab, CNC controller lab, CNC machines lab and the rapid prototyping machine lab)

- Training the trainers, Training and certification of students, Provide consultancy to industries, Seminars and Conferences
Other Centres of Excellence

- Centre of excellence in Transportation Engineering
- Centre of Excellence in Corrosion and Surface Engineering
- Electronic System Design and Manufacturing
- Center for SME Research & Development

- Planning more Interdisciplinary Centres
<table>
<thead>
<tr>
<th>MOU / Academic Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>IIT Madras</td>
</tr>
<tr>
<td>NIT Surathkal</td>
</tr>
<tr>
<td>University of Leicester, UK</td>
</tr>
<tr>
<td>The University of Michigan-Dearbon, (USA)</td>
</tr>
<tr>
<td>Dr. B. R. Ambedkar Institute of Technology, Port Blair</td>
</tr>
<tr>
<td>NIT, Uttarakhand</td>
</tr>
<tr>
<td>University of Leicester</td>
</tr>
</tbody>
</table>
INDUSTRY/RESEARCH COLLABORATIONS

- Centre for Land Warfare Studies
- Royal Academy of Engineering
- BARC
- CDCC
- BHEL
- ICAR
- Siemens
- ABB
- Bosch
- GE
- Amar Tech
- Kauvery Hospital
- PEPSICO India
# Industry-Sponsored Scholarship

<table>
<thead>
<tr>
<th>Name</th>
<th>Total Nos.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Scholarship</td>
<td>10</td>
</tr>
<tr>
<td>OP Jindal</td>
<td>3</td>
</tr>
<tr>
<td>Tata Consultancy Services</td>
<td>2</td>
</tr>
<tr>
<td>ABB Global Industries Private Limited</td>
<td>1</td>
</tr>
<tr>
<td>Avery Dennison Foundation [Spirit of Invention]</td>
<td>1</td>
</tr>
<tr>
<td>Cargill Fellowship</td>
<td>4</td>
</tr>
<tr>
<td>Deity Fellowship</td>
<td>32</td>
</tr>
<tr>
<td>Marine Technology Scholarships</td>
<td>2</td>
</tr>
<tr>
<td>RECAL scholarship</td>
<td>37</td>
</tr>
</tbody>
</table>

13 students completed DAAD, 4 MITACS and 2 SN Bose fellowships in 2017

7 Students completed Summer Internship in Nanyang Technical University (NTU) this summer
Vision and Mission

• **Mission 4**
  – To develop human intellectual capability to its fullest potential.

• **Placement**
• **Guidance and Counseling Cell**
• **Innovation and Entrepreneurship Development**
• **Industry Institute Interaction Cell**
• **Co-curricular Activities/ Pragyan**
• **Extra curricular Activities/Festember/Sports/NITTFest**
• **Student Council**

• Close to 100% of Under Graduate and over 80% of Post Graduate Placements
• PG placement is one of the highest in the country
• Top notch companies: D E Shaw, Hyundai, GE, GM, L&T, AFCONS, Oracle, Tata Group, Texas Instruments etc. are regular visitors.
• MNCs: Microsoft, Amazon, nVidia, Pepsi, Schlumberger, etc
• Number of PSUs visit the Campus
• MNC Consulting firms like Goldman Sachs, Morgan Stanley, PwC, Ernst & Young etc. (visit only IITs / IIMs)
The campus attracts over 250 companies – Highest amongst all NITs and on par with older IITs.
Guidance and Counseling Cell

- Located at the Central Library building
- Professional counselor available everyday
- Students are extensively making use of the facility

**Objectives**
- To focus on student-centered strategies to improve their performance through active mentors/counselors.
- To assist students, faculty and staff in learning difficulties, enhancing harmonious relationship, behavioral development and adjustment problems.
- To improve their overall personality and help them to meet challenges in their life.
- To improve the academic performance of weak students through Equity Action Plan
Entrepreneurship Development

• **E-cell (Entrepreneurships Development Cell)**
  – Started in 2005, E-cell helps in the development of entrepreneurial ecosystem associated with the youth and the student community globally.
  – E-Cell aims:
    • To motivate and inspire students to take up the challenge of entrepreneurship.
    • To equip them with necessary skills and provide all possible assistance.
    • Promote creative thinking and an entrepreneurial mindset among the students.
    • Promote innovations and help convert them into market accepted products.
  – Events: *Ventura, Genesis, Ideas challenge, etc.*
  – Campus Innovation Challenge..
Entrepreneurship Development

- **CEDI (Centre for Entrepreneurship Development and Incubation)**
  - Section 8 Company of NIT, Tiruchirappalli
  - offers Incubation facility along with financial, physical, technical and networking supports and services to entrepreneurs with potential for commercializing innovative ideas in the areas of ICT (CSE/IT) and Electronics.
  - CEDI facilitates incubation of new enterprises with a seed funding of INR 25 lakhs, along with mentoring support. CEDI has admitted 10 Incubatees.
  - Business and Management Capacity Development of Rural Women Entrepreneurs of India and Sri Lanka
Industry Institute Interaction Cell

- To integrate feedback from Industry and Alumni
- To offer courses to suit requirements of Industries
- To enhance the employability of students
- MHRD mandate of 25% of lectures to be delivered by Industry experts.
- Industry experts to Offer Global electives

<table>
<thead>
<tr>
<th>Organizations Participating &amp; Topics (Select List)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHEL, Trichy</td>
</tr>
<tr>
<td>CISCO</td>
</tr>
<tr>
<td>Sun Micro Systems</td>
</tr>
<tr>
<td>BARC</td>
</tr>
<tr>
<td>IBM India</td>
</tr>
<tr>
<td>Exeter Group</td>
</tr>
<tr>
<td>TCS</td>
</tr>
<tr>
<td>Chennai Petroleum</td>
</tr>
<tr>
<td>C-DAC</td>
</tr>
<tr>
<td>CISRA-CLRI</td>
</tr>
<tr>
<td>Intel India</td>
</tr>
<tr>
<td>CFD</td>
</tr>
<tr>
<td>Advances in OS</td>
</tr>
<tr>
<td>Data Centre Management</td>
</tr>
<tr>
<td>Prognosis in Electronics</td>
</tr>
<tr>
<td>Cloud computing</td>
</tr>
<tr>
<td>Software Engineering</td>
</tr>
<tr>
<td>Product Development</td>
</tr>
<tr>
<td>Instrumentation</td>
</tr>
<tr>
<td>Design Techniques</td>
</tr>
<tr>
<td>Safety Techniques</td>
</tr>
<tr>
<td>Electronic Packaging</td>
</tr>
</tbody>
</table>
Co-curricular Activities / Pragyan

- Pragyan- Annual techno-managerial fest
- Inception-2005
- India’s largest techno-management fest

Dr. Ada Yonath (Winner of the Nobel Award in Chemistry in 2009)
Extra curricular Activities

- Annual cultural festival of the Institute.
- Started in 1975.
- Largest fest in South India.
- 10,000+ students from over 500 colleges
Festember 2017
• **NITTFEST**
  - An inter-departmental Cultural fest
Sportsfete
STUDENT COUNCIL & Tech Clubs

- Very active Student Council
- Interface between Administration and Students
- Democratically elected, with representation from UG, PG, Ph. D

Technical Clubs
- Each Department has a technical Association
- In addition, student clubs for specific activities

NSS and NCC
Alumni Institute Interaction Cell

- Information and Engagement of Alumni
- NIT Brand Enhancement
- Distinguished Alumni Award (DAA) & Young Achievers Award (YAA) (158 awardees till now)
- Alumni Day Celebrations: 13th August 2017
- Co-ordination of Alumni Contribution: Institute & Departments & Students
- On-line Newsletter
- Hall of Fame

RECAL
- REC Middle school
- Scient
- IOT lab
- Generous donations
Notable Alumni

• N. Chandrasekaran, Chairman, TATA SONS (MCA first Batch)
• T. Sankaralingam, Former CMD of NTPC
• R. Chandrasekaran, Managing Director, Cognizant
• Dr. K. R. Sridhar, CEO Bloom Energy, USA
• K. Muralidharan and R. Sundar Sankara Eye Foundation
• R. Krishnan, Director, BHEL
• S. Janakiraman, Founder, Mindtree
• Lt.Gen (Retd) K.S. Venugopal, AVSM
• Vice Admiral (Retd) S.K.K. Krishnan, AVSM
• Air Marshal P. Kanakaraj, AVSM
• Gen-Y tech entrepreneurs like Vivek and Hari of "Interviewstreet" (2008 batch) making it big with silicon valley
Outreach Activities
Social Responsibility and Inclusivity

- Unnat Bharat Abhiyan (5 villages)
- JEE Coaching (2 villages)
- HumaNITTy
  - The students of NIT, Tiruchirappalli experience the power of volunteering, when they kick-start the Joy of Giving Week celebrations on 2nd October, the Gandhi Jayanthi every year from 2013
  - Year long Social activities
Community Radio Station FM 90.8

- Broadcasts programmes through CRS
  - English / Hindi Spoken Tutorials.
  - Personality development programmes in Hindi / English / Tamil for the benefit of student of NIT-T and the students of schools, Arts, Science and Polytechnic colleges in the neighborhood.
  - Career guidance and counseling.
  - Development of skills in Arts, Music, Debate and Group discussion.
  - Application submitted for license.
Future Plans

- Customized Tablets
- Sensor
- Mobile Device
- Touch Boards
- Interactive Projectors
- Wi-Fi
- PanaBoards
- CCTV
Strategic Plan

• **Strategic Planning Group (SPG)**
  - Focus on 2022 and beyond
  - SPG- Team of Faculty and Deans
  - Working Group- HoDs / Dept Reps, Ads
National Workshop on
Technical Education in the National Context:
Challenges and Strategies, 5-7 Oct 2017

NBA CHAIRPERSON
Prof. Surendra Prasad
Inaugurated the workshop on
5th Oct 2017

- Industry Engagement
- Research Funding
- Inclusive Technical Education
- Directions for Curriculum & Delivery
- Entrepreneurship Development
- Alumni Engagement
- International Ranking & Accreditation
12 NITs Participated
21 Speakers

National Workshop on
Technical Education in the National Context:
Challenges and Strategies
Future Plans

• 5 year action plan to break into the top 500 world ranking

• 15 year Strategic plan to get into the top 100

– Increase Perception
– Increase Diversity
– Create Innovation/Incubation Centres / Research Parks
– Encourage Innovation & Entrepreneurship
– Create Centres of Excellence with Industry Support
– Reward High Quality Publications / Increase Ph.D.
– Sponsored M.Tech. / Ph.D. / EDP Programs for IRG
– IPR creation
– Industry Interaction
– Public Visibility/Perception Ranking
– Smart Campus
Thank you..

director@nitt.edu