NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH,CHENNAI

(Ministry of Education, Govt. of India)

Innovate to Educate
Educate to Innovate

NATIONAL INSTITUTE OF
TECHNICAL TEACHERS TRAINING AND RESEARCH
(Ministry of Education, Govt. of India),

National Institute of Technical Teachers Training and Research (NITTTR), Chennai was established in 1964 by the Government of India as a key catalyst Institution for ensuring quality in Technical Education in South India comprising the states of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Telangana and Union territory of Pondicherry. This Institute being a Resource Institute offers Educational services in Curriculum / Material / Institutional Development, Instructional Methods, Media, Examination reforms, Continuing Education, Distance Learning, Training and Development, Educational Psychology, Educational Management and Research. The Institute strives continuously and vigorously to achieve greater heights of excellence by actively collaborating with National and International agencies on projects and programmes aimed at quality improvement of Technical Education System.
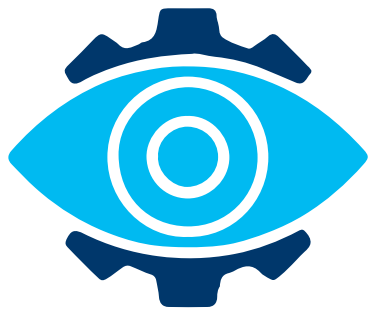
Prof. *V.S.S. Kumar*
Chairman BoG

Prof. *Usha Natesan*
Director

Our Vision

To serve as a "One-Stop Institute of Excellence" and create an indelible mark in the fields of Multidisciplinary Education, Training, Research and Innovation at the Global Level

Our Mission

- ✦ To address the current challenges in the field of Technical Education and fulfill the evolving needs and expectations of the changing world by renewing the principles of the Teaching Learning process.

- ✦ To anchor teaching in the quality culture of the Technical Institutions and articulate pedagogical competence to satisfy the demand for "Lifelong Learning".

- ✦ To transform the traditional "One Size Fits All" Model to "Skills over Degrees" Model.
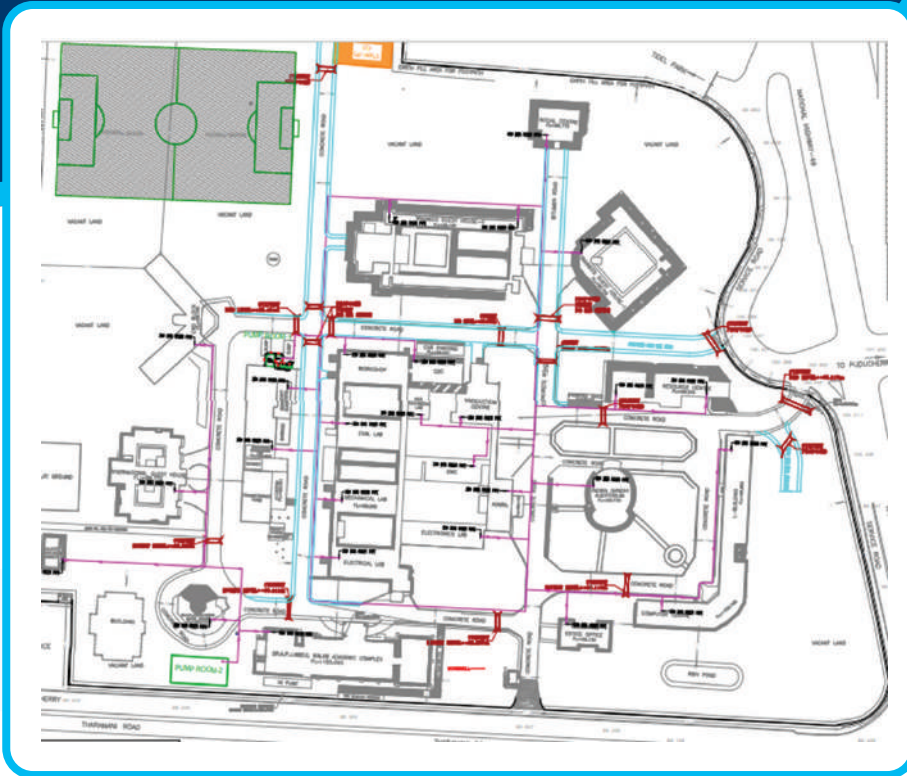
Core Values

Quality, Innovation, Collaboration, Ethics and Excellence

NITTTR
Chennai Campus

Land Area - 24.85 acres
Built-up Area - 22265 sq.m.

LAYOUT PLAN

ACTUAL LAYOUT

A Glimpse into the Path Traversed

TTTI 1.0
Diploma / Bachelor

- Diploma in Technical Teaching
- Bachelor in Technical Education
- Diploma in Science Teaching

TTTI 2.0
Certificate

- Certificate in Technical Teaching
- Certificate in Educational Teaching

NITTTR 3.0
Master / Doctorate

- PGDTCA
- Master in Human Resource Development
- Doctoral Programme in Engineering Education
- Doctoral Programme in Civil Engineering

NITTTR 4.0
Master / Doctorate

- Online / Modular Training Programme
- Offering MOOCs in Integrated Pedagogy
- Masters in Engineering Departments
- Doctoral programme in Engineering Disciplines

Departments

- Civil and Environmental Engineering

- Computer Science and Engineering

- Curriculum Development, Planning and Coordination

- Education

- Educational Media and Technology

- Electrical, Electronics and Communication Engineering

- Mechanical Engineering

Centres

- Academic Studies and Research

- Educational Management and Applied Science

- International Affairs

- Resource Centre

- Rural and Entrepreneurship Development

Extension Centres

- Bengaluru
- Kalamassery
- Hyderabad
- Vijayawada

Activities at a Glance

Training Programmes

Webinars

Skill Development

International Courses

PG & PhD Programmes

National Coordinator of NITTT

Curriculum Development

National Coordinator of SWAYAM

Collaborations HEIs/Industries/ Govt. Organizations

Significant Contributions

Projects of International/ National Importance

World Bank, ADB Technical Education Projects, NMEICT, SWAYAM, NITTT, ARPIT

Indian Technical Economic Cooperation (ITEC) Courses

*More than **3000** International teachers trained since 1982 and alumni spreading over **107** Countries*

Schemes of Societal Development

- *Community Development Through Polytechnics (CDTP)*
- *Integrating Persons with Disabilities (IPwD)*
- *Upgradation of Polytechnics*

Significant Contributions

Faculty Development Programmes (FDPs)

More than **1,00,000** technical teachers from **Polytechnic Institutions** trained through **5000** courses

Faculty Development Programmes (FDPs)

In the past two decades, trained around **30,000** technical teachers from **Engineering Institutions** trained through **750** customized courses

Professional Development Programmes(PDP)

Around **3,000** Officials from **Government Organizations** trained through **150** courses

Significant Contributions

PG Programmes (M.E.)
Affiliated with Anna University, Chennai

Infrastructure Engineering and Management
Electronics and Communication Engineering - Industry Integrated
Multimedia Technology
Energy Engineering

Research Programmes (Ph.D.)

Department of Civil and Environmental Engineering
Department of Education

Research and Consultancy Projects

With the philosophy of encouraging cross flow of knowledge and experience between the institute and industry & Government Organizations

NITTTR Chennai
National Coordinator for Teacher Training

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

| AICTE | CEC | IGNOU | IIMB | NCERT | NIOS | NITTTR | NPTEL | UGC |

NITTT National Coordinator

Module 1: Orientation Towards Technical Education and Curriculum Aspects

Module 2: Professional Ethics & Sustainability

Module 3: Communication Skills, Modes and Knowledge Dissemination

Module 4: Instructional Planning & Delivery

Module 5: Technology Enabled Learning & Life-long self-learning

Module 6: Student Assessment & Evaluation

Module 7: Creative Problem Solving, Innovation and Meaningful R&D

Module 8: Institutional management & Administrative Procedures

AICTE
NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING

The INFLUENCE of a good TEACHER can NEVER be Erased

Enroll @ www.swayam.gov.in
Register @ www.nittt.ac.in

Association with ITEC

3000 Participants from
107 Countries

Global Presence

South America
10%

Pacific
4.2%

North America
1.7%

Middle East
11.7%

Europe
1.7%

Central America
and the Caribbean
10%

Asia
31.7%

Africa
29.2%
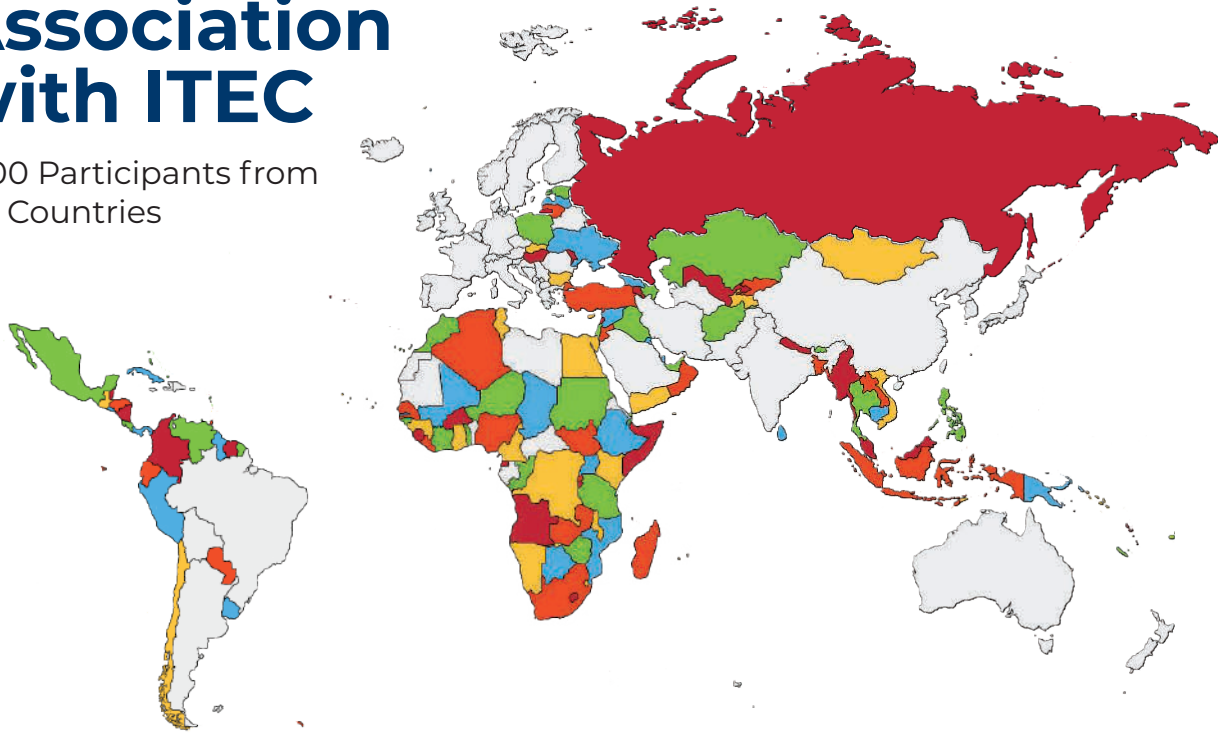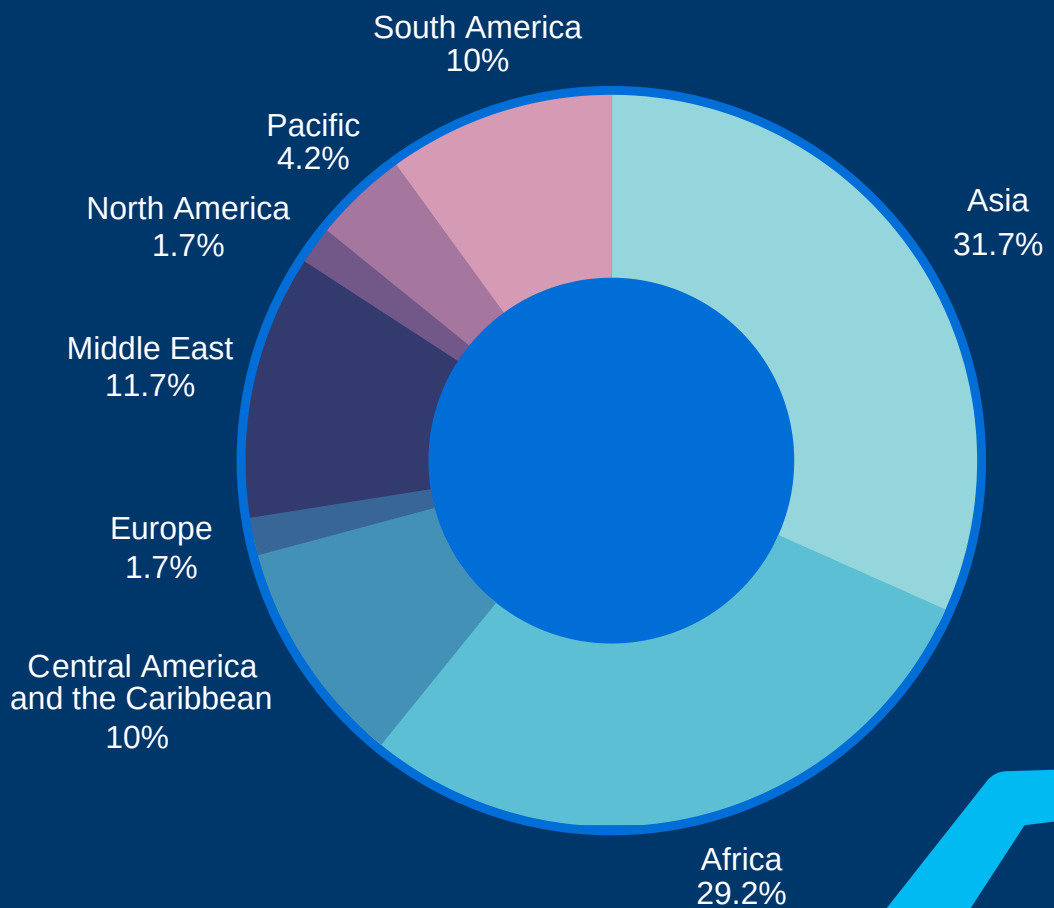
International Relations

USF UNIVERSITY OF SOUTH FLORIDA

The World Bank

UNESCO

UNIVERSITY OF LONDON

Association of Canadian Community Colleges (ACCC); Association des collèges communautaires du Canada (ACCC)

The University of Nottingham — UNITED KINGDOM · CHINA · MALAYSIA

TITI — Training Institute for Technical Instruction — प्राविधिक शिक्षण प्रतिष्ठान

AoC — Association of Colleges

THE UNIVERSITY OF NORTHAMPTON

NUS — National University of Singapore

ADB

Dudley College

CPSC

APN

University of HUDDERSFIELD

Industrial Collaborations

HYUNDAI

NATIONAL INSTRUMENTS

everonn — Everonn Education Limited — Education beyond boundaries

WADHWANI FOUNDATION

Rane

AUTODESK

PEARSON Education

ICT ACADEMY — Innovate... Collaborate... Educate...

iON — TATA CONSULTANCY SERVICES

PriceWaterhouseCoopers

LabVIEW

TATA

MathWorks

RAMK GROUP

murugappa

SUZLON — POWERING A GREENER TOMORROW

ASHOK LEYLAND

IBM

Learning Space

Dr. A. P. J. Abdul Kalam Classroom Complex

International Guest House

Resources Centre

NITTTR Main Building

Smart classrooms

Seminar Hall

Auditorium

Hall for Group Activities

World Class Facilities

- Exposure to Emerging Areas
- Industrial Training
- Laboratory Facilities
- Smart Classrooms
- Resource Centre
- Guest House Facilities
- Seminar Halls
- Auditorium
- Wifi Campus
- Sport Facilities
- Gym Facilities
- Medical Facilities

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in **NITTTR Chennai**   ▶ **NITTTR Chennai**

Scan to view
Temple of Learning