

Learn to

Change the World



NITTTR CHENNAI

Empowering
the Teachers Towards Nation Building

PROFESSIONAL DEVELOPMENT PROGRAMMES

NITTTR Chennai is mandated to work at the intersection of Technology, Content and Pedagogy which will be accomplished with the help of Information and Communication Technologies. The Teaching Learning process of the offline and online modes requires different approaches and it is the responsibility of the Teachers to make the classes interesting in order to capture the attention of the Students. There is an urgent need to develop adaptable and agile Teachers who can increasingly be adept at jumping between different tasks with minimal friction and navigate the technology-induced green and digital transitions. The expertise of the Institute will be available to the entire gamut of Technical, Vocational and Management sectors. The ultimate objective of NITTTR Chennai is to catalyze the developmental activities, introduce groundbreaking reforms and emerge as a "Technical Education Hub" for connecting the potential stakeholders. This will be achieved by intensifying the present education and training models and evolving innovative practices in the field of technical teachers training.

- Usha Natesan



Prof. Dr. Usha Natesan

DIRECTOR

National Institute of Technical Teachers Training and Research



VISION

To become an institute of global eminence in training and research

MISSION

To fulfil the needs and expectations of technical teachers and inculcate lifelong learning in them

VALUES

Quality, Innovation,
Collaboration, Ethics, Excellence



Academic Departments

- Civil & Environmental Engineering
- Computer Science and Engineering
- Curriculum Development Planning and Coordination
- Educational Media and Technology
- Engineering Education
- Electrical Electronics and Communication Engineering
- Mechanical Engineering

Centres

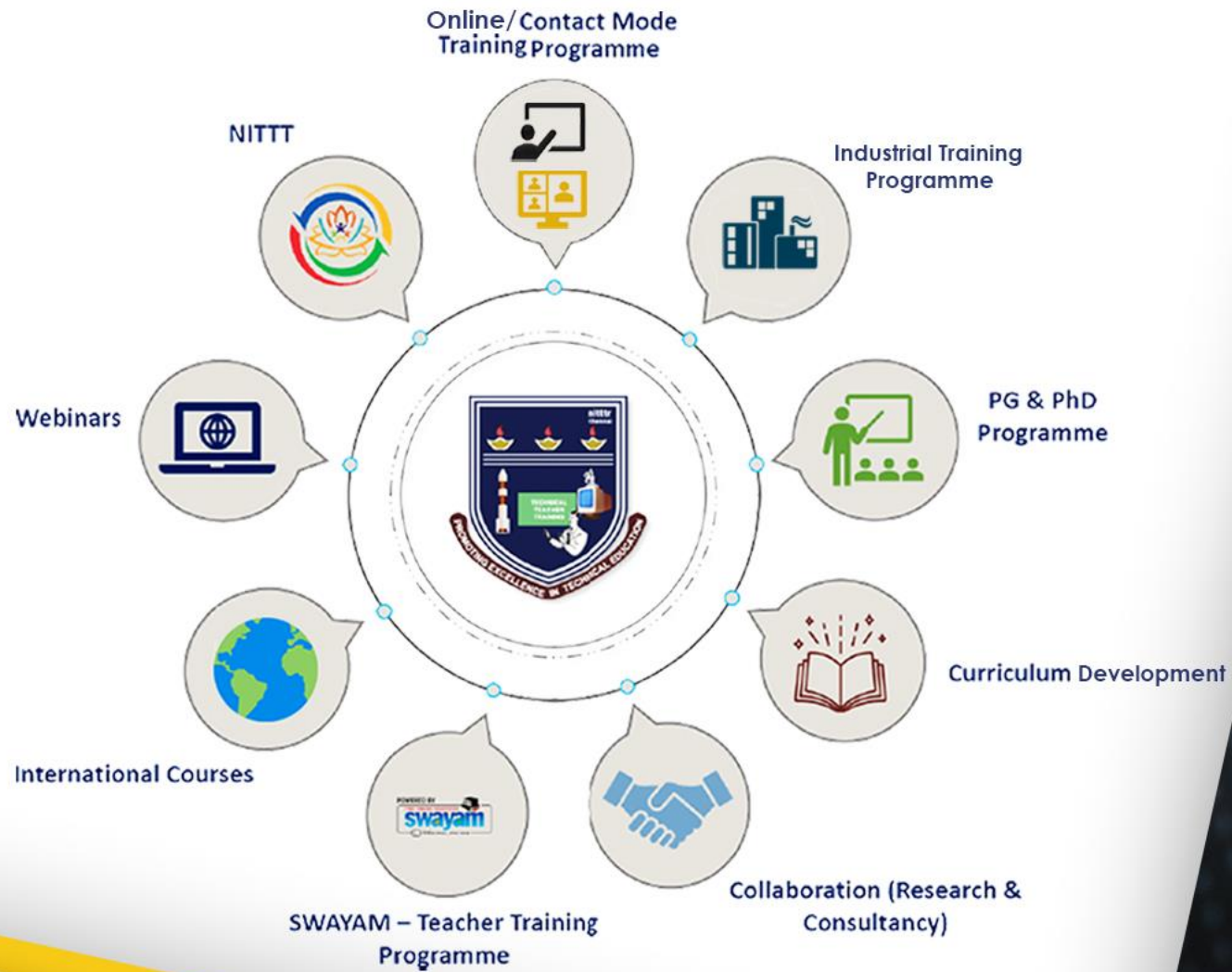
- Academics Studies and Research
- Educational Management and Applied Science
- International Affairs
- Rural and Entrepreneurship Development

Extension Centres

- Bengaluru
- Hyderabad
- Kalamassery
- Vijayawada

Flexible mode of upskilling

Our Activities



We Fuel your Passion

In accordance to NEP 2020 to motivate energise faculty members we offer programmes

Foundation
of Teaching
and Learning

Technology
Enabled
Learning

Media
and
Information
litreacy

Professsional
development
practices

Institutional
development
practices

Refresher
programme
in core
Engineering



Civil and Environmental Engineering

Concrete lab, Environmental Engg Lab, Geotechnical and Geoenvironmental Lab, Structural Engg Lab, Surveying and GPS Lab, Non destructive testing lab, Computational facilities (GIS, RS/IP, Revit, Autodesk & Bentley Products)

Computer Science and Engineering

Labs for programming, application development, data analytics, Linux, system administration, cloud computing, system hardware, network and cyber security

Educational Media and Technology

ETV Studio, non-linear editing laboratory, outdoor shooting facilities, multimedia laboratory, graphics and animation laboratory, AR/ VR laboratory

Laboratory Facilities for Hands-On Training



Laboratory Facilities for Hands-On Training

Electrical, Electronics
& Communication
Engineering

Labs for PLC, microcontroller, application software, power electronics, communication, biomedical & industrial instrumentation, pneumatics, VLSI and IoT cloud research

Engineering
Education

Language laboratory software, HRD Tools/Inventories and Yoga healing-related materials,

Mechanical
Engineering

Stereo lithography 3D printer, fused deposition modelling, 3D printer, EDM drilling machine, solar thermal training system, solar power meter, solar module analyzer



Enhance knowledge
through hands on practice with
Sophisticated Instruments

WE ENRICH FACULTY MEMBERS WITH LATEST SKILL SET

- DRONE TECHNOLOGY





Long-Lasting Impact

More than 84,000 engineering and technical Teachers
trained during 2000-2020

Global Presence



Trained more than
3000 Participants
from 107 countries in past 38 Years



Broader Reach

More than 2,800 professionals from the industry and government organizations trained during 2000-2020

A SOUND MIND IN A SOUND BODY



**Yoga and Meditation Hall,
State-of-the-art gymnasium
Indoor & outdoor sports facilities
including Badminton, Table Tennis,
Volleyball and Football**



Industrial Collaborations



International Relations





World-class accommodation for
national and international
training programme participants



NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH CHENNAI



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