



# Learn to Change the World

Master's Programs

WE HAVE  
THE SMART AND INNOVATIVE  
YOUNG MIND'S



Department of Civil and Environmental Engineering,

# NITTTR Chennai

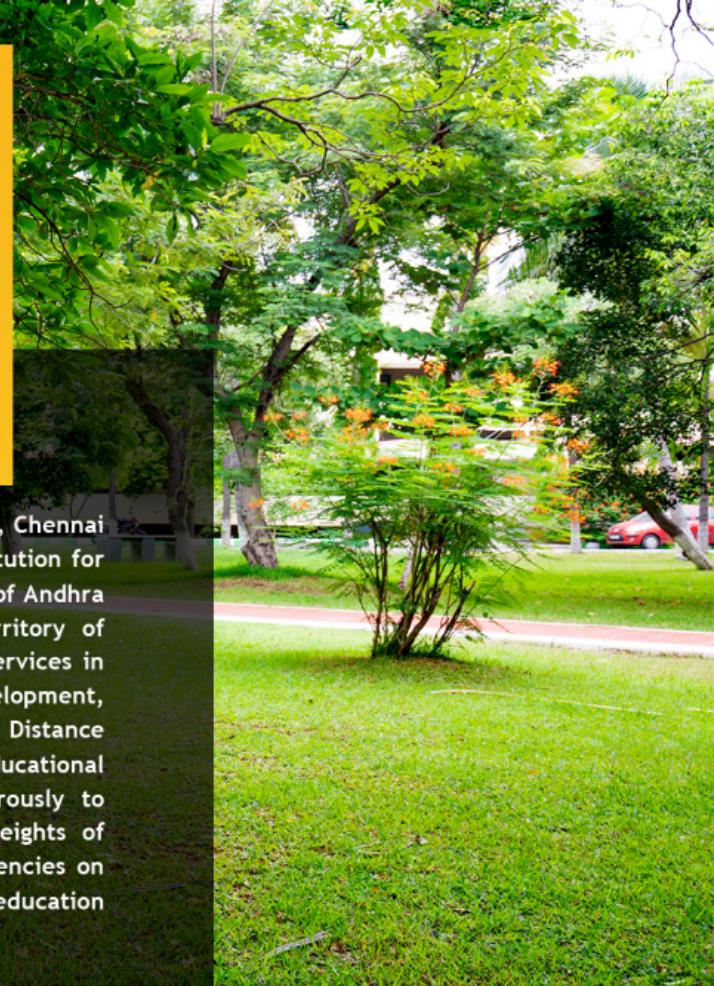




**Infrastructure** is basic structure that satisfies the necessities of a country or organization for utmost efficiency. The program lays emphasis on Construction / Infrastructure engineering in terms of Planning, Designing and Management of High-Rise buildings, townships, Roads and bridges.

# READ TO CHANGE THE WORLD THROUGH EDUCATION

Our 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 the Union Territory of Pondicherry. This Institute being a Resource Institute offers educational services in Curriculum Development, Instructional Methods, Media, Materials Development, Examination Reforms, Institutional Development, Continuing Education, Distance Learning, Training and Development, Educational Psychology, Educational Management and Research. The Institute strives continuously and vigorously to further enhance its sensitivity to environmental changes and greater heights of excellence active collaboration with National and through International agencies on projects and programmes aimed at quality improvement of technical education systems.





## VISION

Towards Excellence in Promoting need based Training Programmes and Research  
in Civil Engineering



## MISSION

- To design and develop need based training programs for the faculty of Polytechnic & Engineering Colleges and working Professionals of Industry and Govt. Organizations
- To offer International Training Programs on emerging areas of Civil Engineering for the Teachers and working professionals of various Counties under ITEC/SCAAP schemes.
- To develop new innovative short term and long term programs by collaborating with Universities and Institutes of Higher Learning for developing Civil Engineering Teachers to meet the requirements of Engineering Educational Institutions.
- To provide support services to the Government of India schemes related to the technical and vocational education system and as entrusted by MHRD, Government of India, from time to time.
- To offer research, Testing services and consultancy for Industries and Govt. Organizations.
- To establish partnership with Industries for offering Skill based Training Programs for Industrial Personnel and Industrial Training for the faculty of Polytechnic and Engineering Colleges.
- To design new instructional systems and strategies for the production of multimedia learning resources and transfer through the latest technologies including broadcasting, webcasting/Multicasting.
- To offer faculty exchange programs by linking with various Universities of India and abroad

## **COME ACROSS WITH YOUR PASSION**

If you want to concentrate in a certain context or area of education in order to prepare for your chosen job path, our flexible curriculum provides two options: Concentrations and Electives. Concentrations combine personalized coursework, applied learning experiences, and co-curricular activities such as events, lecture series and workshops



# KNOWLEDGE SHARING = KNOWLEDGE<sup>2</sup>

## Through Students' Chapter

Infrastructure Development Engineers  
Association

Indo Universal Collaboration of Engineering  
Education - Students Chapter



# LET'S START WITH THE FOUNDATIONS

Core skills + Knowledge + ways of thinking



## LEARNING METHODS

Provides a thorough grasp of core concepts and how people go through this topic, as well as provides concrete settings of realistic learning.

## EQUITY + OPPORTUNITY

Focuses on the core concept of equity in education preparing you to identify and address the inequities that exist in the field.

## LEADING CHANGE

Provides information about how to engage within an organization or educational system, with a focus on leadership and management development.

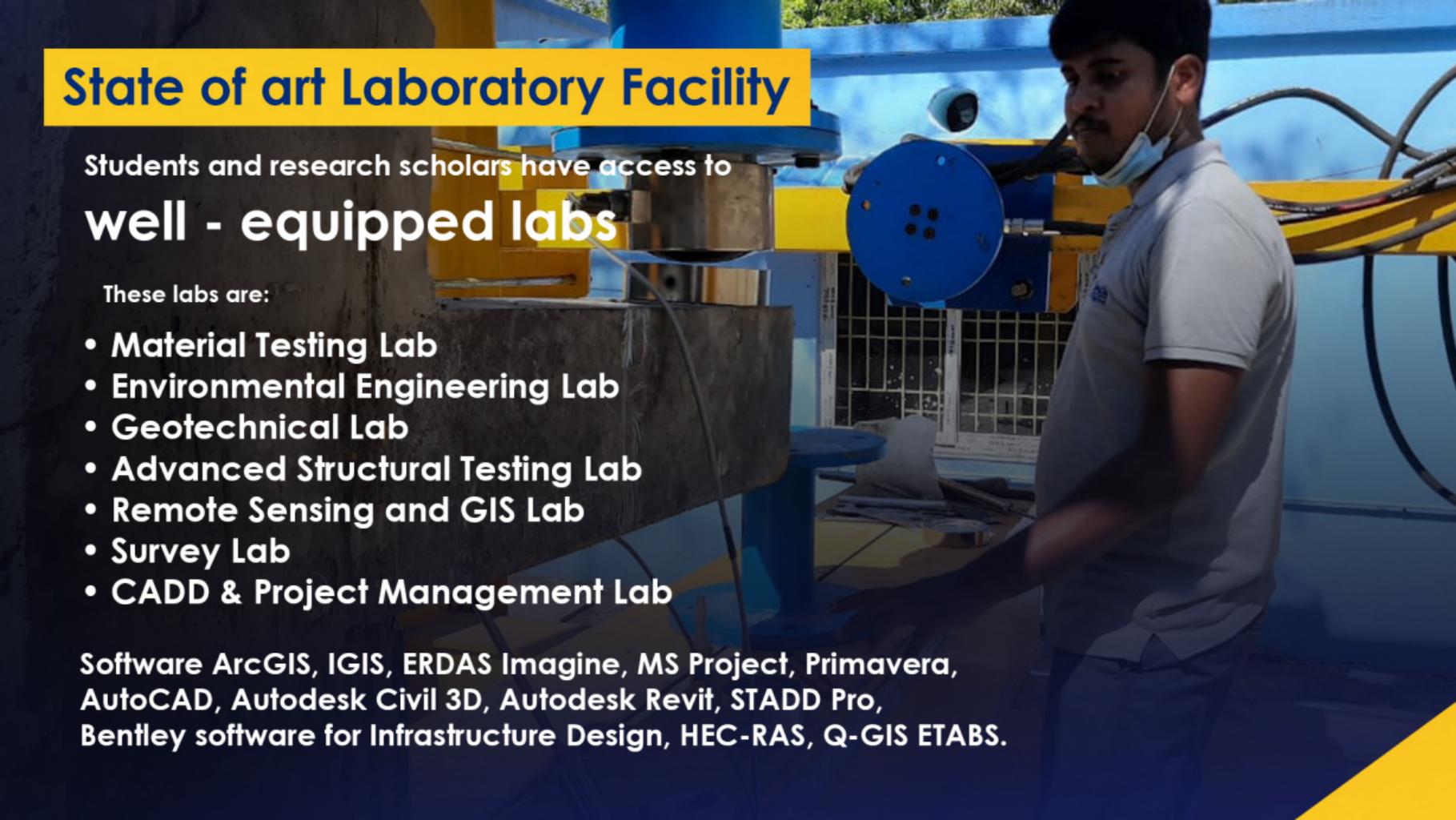
# **State of art Laboratory Facility**

**Students and research scholars have access to  
well - equipped labs**

These labs are:

- Material Testing Lab
- Environmental Engineering Lab
- Geotechnical Lab
- Advanced Structural Testing Lab
- Remote Sensing and GIS Lab
- Survey Lab
- CADD & Project Management Lab

Software ArcGIS, IGIS, ERDAS Imagine, MS Project, Primavera, AutoCAD, Autodesk Civil 3D, Autodesk Revit, STADD Pro, Bentley software for Infrastructure Design, HEC-RAS, Q-GIS ETABS.





**Enhance knowledge  
through  
Industrial and Site Visits**

**Our institute not only fosters knowledge growth but also fosters**



**MENTAL AND PHYSICAL DEVELOPMENT**



# Impacting Education at Every Level, in Every Role

# Placement Record

First batch of students placed in

1. Trimble
2. L&T
3. Ratnm Infra Engineers & Contractors
4. Cliq Solutions
5. NITTTR Projects
6. Two persons got Japan Scholarship for higher studies at Tokyo Metropolitan University

The background image shows an aerial view of a university campus. It features several modern, multi-story buildings with glass and steel facades. Interspersed among these are older, more traditional white buildings with red roofs. A large, circular, modern building with a glass facade and a central entrance is prominent. The campus is surrounded by a dense forest of palm trees and other tropical foliage. In the distance, a modern city skyline with high-rise buildings is visible under a clear blue sky.

# TO MAKE A DIFFERENT WORLD

Our M.E Program is designed to prepare for a key role in project management, GIS, Smart city planning, and infrastructure planning and management. Hope It will help to support and give great impact in upcoming industrial and infrastructural projects. All the classes in our M.E program is conducted by the respective experts from the reputed institutes such as IIT and Anna University. Our M.E program includes coursework, core experiences, and real-world opportunities that ensure the key skills and competencies needed to generate better student outcomes.



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## M.E-Infrastructure Engineering and Management

Department of Civil and Environmental Engineering,  
National Institute of Technical Teachers Training and Research  
(Ministry of Education, Govt. of India)  
Taramani, Chennai - 600 113, India

[www.nitttrc.ac.in](http://www.nitttrc.ac.in)