Learn to Change the World



Master's Programs


WE HAVE
THE SMART AND INNOVATIVE
YOUNG MIND'S
htc
VIVE


Department of Civil and Environmental Engineering,
NITTTR Chennai



Infrastructure is basic structure that satisfies the necessities of a country or organization for aftmost 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^2

Through Students' Chapter

Infrastructure Development Engineers Association

Indo Universal Collaboration of Engineering Education - Students Chapter



IUCEE

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

"We understand how important the career, we perform here is to the rest of the world and creating sustainability. We approach towards our goal of enhancing educational opportunities and outcomes. Hope our master's degree program develops innovative education leaders who are ready to transform the world".

- Usha Natesan



Prof. Dr. Usha Natesan

DIRECTOR

National Institute of Technical Teachers Training and Research

World Class Faculty

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Areas of expertise:
Remote Sensing & GIS, Urban Planning & Mgt., Disaster Mgt., Geotechnical Engg., Instructional Design & Delivery Systems, Technology Enabled Learning, Strategic Planning & Institutional Management, OBE and Accreditation

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Areas of expertise:
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Areas of expertise:
Structural Engineering, GIS and its applications, Groundwater Modeling, Surveying – GPS and Total Station, Instructional Planning and Student Evaluation


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



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

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