

ABOUT GTU

Gujarat Technological University (GTU), located in VGEC Campus, Chandkheda, Ahmedabad, is a premier State Technical University in Gujarat. Established in 2007 under the Gujarat Technological University Act, 2007, GTU has grown to become one of the largest technical universities in India, affiliating more than 400 institutions across the state offering programmes in Engineering, Technology, Pharmacy, Architecture, MBA, MCA, and Diploma. GTU is committed to excellence in technical education, research, and innovation. The university regularly organizes Faculty Development Programmes, Short-Term Training Programmes, and workshops in collaboration with national and international institutions to enhance the quality of technical education in Gujarat.

ABOUT THE GTU-SET

GTU - School of Engineering and Technology (GTU-SET) is GTU managed engineering college. GTU-SET is running AICTE approved two undergraduate programs, namely (1) B.E. (Computer Engg.), (2) B.E. (Electronic and communication Engg.) and AICTE approved four post graduate programs namely, (1) M.E. Computer Engg. (specialization in Cyber Security) (2) M.E. Computer Engg. (specialization in Internet of Things) (3) M.E. Computer Engg. (specialization in Artificial Intelligence and Data Science) (4) M.E. Civil Engg. (specialization in Structural Engg.). GTU-SET is also running a Post Graduate Diploma in Data Science (GTU approved) program.

The postgraduate programme of M.E. Civil (Structural) Engineering commenced in AY 2022-23 with a vision to develop competent structural engineers capable of addressing the evolving demands of the construction and infrastructure sectors. The department is equipped with state-of-the-art equipment and has highly qualified faculty members actively engaged in research on structural dynamics, earthquake engineering, wind engineering, finite element analysis, and advanced construction materials

ABOUT NITTTR

National Institute of Technical Teachers' Training and Research, Bhopal (Deemed to be University under Distinct Category) is a unique premier institution, established in 1965 by Ministry of Education, Government of India for teacher training and improving quality of entire gamut of Technical Education System. The Institute holds expertise through continuous R&D in the areas like development of specific competencies related to new technologies, subject matter development, classroom and laboratory-based learning, industry institute internship, management of technical institutions, personality development, entrepreneurship development, examination reforms and student assessment, learning & instructional resources development, video production and multimedia development, educational projects planning & management, community development, evaluation of program & projects. NITTTR Bhopal has been involved in the implementation of many national initiatives. In recent past NITTTR, Bhopal is involved in offering MOOCs courses through SWAYAM platform. The Institute has been identified under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching as the Teaching Learning Centre (TLC) in Vocational Education Training & Entrepreneurship Development. NITTTR Bhopal has also been selected as National Resource Centre (NRC) for Assessment & Evaluation in ARPIT Scheme.

Gujarat Regional Extension Center Ahmedabad NITTTRB was established in 1974 and for last fifty-one years it is catering for the needs of the Gujarat state. It helps the Gujarat Technological University, Commissionerate of Technical Education, Gujarat, other self-financed universities and institutes in improving quality of engineering and technical education by working as a link between these organizations and NITTTR, Bhopal.



**GUJARAT
TECHNOLOGICAL
UNIVERSITY**
AN INTERNATIONAL INNOVATIVE UNIVERSITY
(Accredited with A+ Grade by NAAC)
State Government University



One Week STTP on “Recent Advances in Wind and Earthquake Resistant Design of Structures”

20th to 24th July, 2026

Jointly Organized by

**GTU – School of Engineering and Technology,
Chandkheda, Ahmedabad.**

&

**Gujarat Ext. Center, National Institute of
Technical Teachers' Training and Research,
Bhopal, MoE, GoI. Deemed University (Distinct
Category)**

Chief Patron

Prof. (Dr.) Rajul Gajjar
Vice Chancellor
GTU, Ahmedabad

Prof. C. C. Tripathi
Director
NITTTR Bhopal

Patron

Dr. K N Kher
Registrar
GTU, Ahmedabad

Prof. Sanjay Agrawal
Dean Academic Affairs
NITTTR, Bhopal

Convener

Dr. Madhuri Bhavsar
Director
GTU-SET

Cordinator

Dr. Nishith Dubey
Professor & Coordinator
Gujarat Ext. Centre, NITTTRB

Dr. A.K. Jain
Professor & Coordinator,
NITTTR, Bhopal

Dr. Jignesh A. Amin
Professor & Coordinator
GTU-SET

OBJECTIVES OF THE PROGRAM

This STTP is intended to expose the participants to the latest developments in the analysis and design of structures subjected to wind and seismic forces. It will provide an in-depth understanding of wind and seismic codal provisions, performance-based design philosophy, and advanced computational tools for wind and earthquake resistant structural design, enabling participants to bridge the gap between research and professional practice.

PROGRAM CONTENT

The Short-Term Training Program is designed to cover the following topics

- Wind load analysis and IS 875 (Part 3) codal provisions.
- Seismic analysis methods: static, response spectrum, and time history analysis.
- IS 1893 provisions and performance-based earthquake engineering.
- Active and Passive earthquake resistance system.
- Retrofitting and strengthening structures for wind and seismic resilience.
- Various collapse case-studies discussion.
- Integration of Python Programing using OAPI Feature of SAP2000

RESOURCE PERSONS

The talks in the sessions will be delivered by distinguished professors, researchers, or thought leaders from top-ranking educational or research institutions. Additionally, experts from relevant industries, who have practical experience and insights into the latest trends and challenges in their sectors, will also contribute.

HOW TO APPLY

- Faculty members of Civil Engineering and allied branches should apply online through link:

<https://erp.nitttrbpl.ac.in/poc2026/reg/?id=GUJ-21>

- This STTP will be conducted at Gujarat Extension Centre, NITTTRB, Ahmedabad.

IMPORTANT DATE
20th to 24th July, 2026

TARGET PARTICIPANTS

Faculty of Civil Engineering and Allied Branches.

REGISTRATION FEES

Online-Rs 100 +18% GST.

[Faculty from Gov. Institute]

Online-Rs 100 +18% GST.

[Faculty from Self Financed Institute-
Lunch and Refreshment Rs. 200 per day]

CO-ORDINATOR

Dr. Nishith Dubey

Professor & Coordinator

NITTTRB, Gujarat Extension Centre, Ahmedabad

E-mail: ndubey@nitttrbpl.ac.in

Dr. A. K. Jain

Professor & Coordinator,

NITTTR, Bhopal

E-mail: akjain@nitttrbpl.ac.in

Dr. Jignesh A. Amin

Professor & Coordinator

Department of Civil (Structural) Engineering,

GTU-SET, Ahmedabad

E-mail: prof_jignesh@gtu.edu.in

CO-CORDINATOR

Prof. Mridul Seth, Prof. Rasik Makwana

& Dr. K. M. Gondaliya

Assistant Professor & Co-Coordinator(s),

Department of Civil Engineering,

GTU-SET, Ahmedabad

E-mail: ap_mridul@gtu.edu.in,

ap_rasikm@gtu.edu.in, ap_kgondaliya@gtu.edu.in

One Week STTP on

“Recent Advances in Wind and Earthquake Resistant Design of Structures”

Jointly Organized by

**GTU – School of Engineering and Technology,
Chandkheda, Ahmedabad.**

&

**Gujarat Ext. Center, National Institute of
Technical Teachers' Training and Research,
Bhopal, MoE, GoI.Deemed University (Distinct
Category)**

20th to 24th July, 2026

1. Name:
2. Designation:.....
3. Name of Institution:
.....
4. Mobile No:.....
5. E- mail:

Place:.....

Date:.....

Signature of Applicant

Sign & Seal - Head of the Institution