

Institution's Innovation Council (IIC) 8.0

Title of the session	Industrial Visit to TSERL (Telangana State Engineering Research Laboratories)
Date with Month & Year	12.08.2026
Duration (in hours)	7 hour
Mode((Online / Offline / Hybrid)	Offline
Venue / Platform: (Name of the Venue/ Virtual platform like Zoom / GMeet etc.)	Telangana State Engineering Research Laboratories, Himayat Sagar Road, Himayatsagar, Rajendranagar mandal, Hyderabad, Telangana
Activity Category: IIC Calendar Activity/ MIC Driven Activity/ Self Driven Activity/ Celebration Activity	Self Driven Activity Civil Department Activity – Industrial Visit
Department	Civil Engineering
Target Group	II Year B.Tech Civil Engineering Students
Objective of the Activity: Briefly explain the (a) Purpose of the activity, (b) Why it was organized, (max 4–5 lines)	Objectives of the Session ✓ To provide students with practical exposure to a state-level engineering research and materials testing facility. ✓ To bridge the gap between classroom theory and real-world engineering practice. ✓ To familiarize students with the testing, quality control, and research procedures followed for civil engineering materials and structures. ✓ To expose students to the equipment, laboratories, and research methodologies used in engineering research. ✓ To motivate students towards research-oriented and quality-assurance careers within civil engineering.
Activity Led by : Institute Council/ Student Council	Department of Civil Engineering, Narsimha Reddy Engineering College

Institution's Innovation Council (IIC) 8.0

Theme: Innovation, Entrepreneurship, IPR, Startup	"Engineering Research, Testing & Quality Assurance in Civil Infrastructure"
Brief description of the Activity (150-200 words): Include important aspects of the activity like (a) How the session started, (b) Key topics covered, (c) Key points used while interaction with participants, (d) Demonstrations / examples shared, (e) Q&A session, (f) Any activity conducted (quiz, brainstorming, ideation exercise etc.)	The Department of Civil Engineering, Narsimha Reddy Engineering College, organized an Industrial Visit for II Year students to the Telangana State Engineering Research Laboratories (TGERL), Himayat Sagar Road, Hyderabad, on 12.08.2026. The visit began with the students and accompanying faculty assembling at the college campus, followed by departure to TGERL by bus. On arrival, the group was received by the laboratory officials, who briefed the students about the role of TGERL in testing and research related to engineering materials, quality control, and infrastructure projects undertaken by the Government of Telangana. Students were taken on a guided tour of the various testing and research sections of the laboratory, where officials explained the procedures used for testing construction materials, quality assurance methods, and ongoing research activities. The interactive session allowed students to observe live testing procedures and ask questions about laboratory processes, equipment, and career opportunities in engineering research. The visit gave students first-hand insight into how research and quality-testing laboratories function and support large-scale civil engineering and infrastructure projects across the state.
Program Type* Please mention any one of the Given Below. Level 1 - Expert Talk Level 1 - Exposure Visit Level 1 - Mentoring Session Level 2 - Conference Level 2 - Exposure Visit Level 2 - Seminar Level 2 - Workshop Level 3 - Bootcamp Level 3 - Competition	Level 1 - Exposure Visit

Institution's Innovation Council (IIC) 8.0

Level 3 - Demo Day Level 3 - Exhibition Level 3 - Workshop Level 4 - Challenges Level 4 - Hackathon	
Number of Student Participants *	40
Number of Faculty Participants *	4
Total no of External participation	0
Key Highlights: Briefly mention the most important moments, insights, and engagement points of the activity in 5-8 lines (in short bullet points (5–8 points) that help to understand what made the session meaningful).	✓ Guided tour of the material testing and research facilities at TGERL. ✓ Interactive briefing by laboratory officials on testing procedures and quality control practices. ✓ Exposure to real-world applications of civil engineering concepts learnt in the classroom. ✓ Opportunity for students to interact with practicing engineers and researchers.
Outcome of the activity: Clearly mention what participants gained. The outcome should align with and reflect the KPIs mentioned in the activity details on the IIC portal.	The Industrial Visit to TGERL successfully enhanced students' understanding of engineering research and quality-testing practices, and motivated them to appreciate the role of research laboratories in real-world civil engineering projects. 1. Learning Benefits ✓ Awareness about the role of engineering research laboratories in supporting infrastructure projects. ✓ Understanding of the testing and quality-control procedures followed for civil engineering materials. ✓ Knowledge about the functioning of a government engineering research facility. 2. Skill Development ✓ Observation and analytical skills through exposure to live testing procedures. ✓ Professional communication skills through interaction with laboratory officials and researchers.

Institution's Innovation Council (IIC) 8.0

	✓ Teamwork and coordination skills during the site visit. 3. Knowledge Gained ✓ Knowledge about material testing methods, standards, and quality assurance practices. ✓ Understanding of the linkage between classroom concepts and real-world engineering applications. ✓ Awareness about research and career opportunities in engineering testing and quality control.
Feedback / Reflection: Include 2–3 participants feedback	"Visiting TSERL gave me a much clearer picture of how the materials we study in theory are actually tested and validated before being used in real projects." "It was fascinating to see the testing equipment and procedures up close. The visit helped me connect classroom concepts with real engineering practice." "Interacting with the laboratory officials was really insightful — I now have a better understanding of career opportunities in engineering research and quality testing."
Organizing Team Members Details: Mention all important team members involved in the activity and their roles.	Prof. D. Venkatesh, HOD & Assoc. Professor- Event Convener Mrs. S. EKASILA - Coordinator

Institution's Innovation Council (IIC) 8.0

Photographs/Screenshots
: 4 to 5

Photographs/Screenshots
(1 Photo can be
geotagged) that show the
1) Print/Soft copy of
Banner used for the
activity, 2)

Speakers/Dais Photo
with banner in the
background, 3)

Participation of students
and

Staffs(Teaching/Non-
teaching) in the activity
(one photo can be
captured covering guest
and participants from
front and back, if
conducted any physical
activity), 4)

Unique/Activity
moments, where candid
moments can be captured
to get broader view of
the activity engagement
level.



Institution's Innovation Council (IIC) 8.0



Institution's Innovation Council (IIC) 8.0



Institution's Innovation Council (IIC) 8.0



**NARSIMHA REDDY
ENGINEERING COLLEGE**
An Autonomous Institution | Affiliated to JNTUH | Approved by AICTE
Accredited by NBA & NAAC with 'A' Grade







DEPARTMENT OF CIVIL ENGINEERING

INDUSTRIAL VISIT TO TGERL

12-08-2026

GLIMPSES






Prof.D.Venkatesh
HoD Civil





Location:
Maisammaguda (V), Kompally - 500100, Hyderabad.



Website
www.nrcmec.org/



Media Coverage and Pre & Post Activity Social Media Post screenshot: Screenshots of pre-activity announcements and post-activity updates

www.nrcmec.org



NARSIMHA REDDY ENGINEERING COLLEGE

An Autonomous Institution | Affiliated to JNTUH | Approved by AICTE
Accredited by NBA & NAAC with 'A' Grade



Institution's Innovation Council (IIC) 8.0

shared on the institute's social media platforms should be included. If available, attach photo/screenshots of media coverage such as newspaper articles, online news portals, or institutional newsletters highlighting the activity.

Signature
(IIC- Convener)

Signature
(IIC President)