

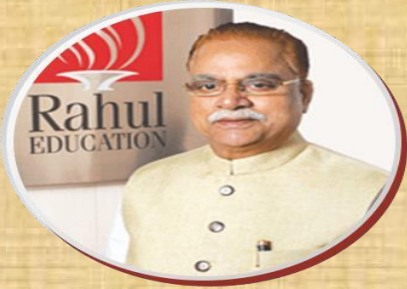
Date of Publication- Odd Semester 31<sup>st</sup> December (2025-26)

# SHREE L.R. TIWARI College Of Engineering

Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai  
NAAC Accredited ISO 9001:2015 Certified

Principal: Prof. Dr. Umesh S. Bhadade

Head of Dept. Dr. Abhijit Samanta



Our Inspiration

**SHRI L. R. TIWARI**  
FOUNDER

### Vision of Department

To instigate the students with improved quality education and practical exposure in the field of civil engineering.

### Mission Statement of Department

To develop intense socio-economic civil engineering professionals.

### Program Educational Objectives

1. To prepare the Learner with a sound foundation in mathematical, scientific, and engineering fundamentals
2. To motivate the Learner in the art of self-learning and to use modern tools for solving real-life problems
3. To prepare the Learner for a successful career in Indian and Multinational Organizations and for excelling in post-graduate studies
4. To motivate learners for life-long learning.
5. To inculcate a professional and ethical attitude, good leadership qualities and commitment to social responsibilities in the Learner's thought process.

From Principal's Desk.....!!

Prof. Dr. Umesh S Bhadade

It's refreshing to see that Civil engineering department has brought out another edition of a Newsletter. These Newsletters help in showcasing various co-curricular and extra-curricular activities that the department is organizing each year dedicatedly. It also helps in building up teamwork which is vital in this world of competition. This year also the Civil Engineering department organized many site visits to aid students from their study and knowledge point of view. It was genuinely inspiring to see the students and the teachers work in sync and execute such wonderful activities all year long. I wish them all the very best, my blessings are always with them! Keep it up!!

From HOD's Desk.....!!

Dr. Abhijit Samanta

Welcome to the Department of Mechanical Engineering. As a department head, I feel very proud to present herewith, NIRMAAN, glimpses of activities published in the form of a newsletter. This newsletter is a reflection of the fact that the study of Mechanical Engineering plays central role not only in university education but, indeed, in the understanding of human life and activity. This is something that our faculties understand and try to engrave in the minds of our students. We are committed to creating the most supportive and intellectually stimulating environment for anyone interested in our discipline. Due to our frequent efforts students are selected for national institutes like IIT, NIT, and Foreign Universities. I see our mission as providing the best educational environment that enables staff and students to achieve personal and professional growth. Together we all strive towards achieving this goal and I feel blessed that I get full and undivided support from everyone! Being Head of Department, I take this opportunity through NIRMAN to thank all of them from bottom of my heart.

### Advisory Committee

Prof. Dr. Umesh S Bhadade

Editorial Board -: Dr. Abhijit Samanta &amp; Dr. Sanjay Kumar

### Published at:

Department of Mechanical Engineering,  
Shree L.R.Tiwari College of Engineering,  
Mira Road (E)Thane

[www.slrtee.in](http://www.slrtee.in)

## Editorials

Another semester has gone by and what a roller coaster ride it has been! It's very rewarding to be involved in all the activities and the events that happen in the department. These activities are successful undoubtedly due to the way the students and the teachers work together under a single banner of the 'Mechanical Engineering Department' that instills a feeling of unity and being part of a team that further drives the students and the teachers in giving their best to whatever the work at hand is and I feel, that this is what helps us get closer and closer to our ultimate vision and mission.

That brings us to this newsletter, NIRMAAN, a reflection of the wonderful semester that it has been, which I feel proud in presenting to you. I sincerely hope that the reader will find all of what I have mentioned and more, in these pages.

# DEPARTMENT HAPPENINGS

## Activities conducted under Department



### INDUSTRIAL VISIT REPORT

**Date: - 15<sup>th</sup> November 2025**

**Name of Department:** Mechanical

**Name of Exhibition Centre:** NESCO Bombay Exhibition Centre

**Date:** 15th November 2025

**Location:** Goregaon (E)

**Staff Co-ordinator:** Dr. Abhijit Samanta, Amarnath D. Landge

#### Focuses Area :

The purpose of visit was to familiarize the students with new and advanced technologies used for water treatment, sewage treatment and recycling water. Shree L.R.Tiwari college of engineering organized a visit to Bombay exhibition centre on 15<sup>th</sup> November for a group of 25 students of Mechanical engineering from SE. The exhibition was organized by UTECH India. At first the registration process took place. We were given an identity card so that we could enter the exhibition hall. There are various many more companies like, Thermax Corporation etc. who showcased their products which were quite advanced use for polyurethane, and solid waste recycling. Executive from various company explained the students about the design, application, special features, technical data, equipment, materials of recirculation pump. Then we saw how a waste plastic product which helped to recycle and reuse from s using polyurethane. In such a way a lot of information was gathered by the students from various companies and their executives about how technology is evolving in terms of solid waste recycling. Also the executives were very friendly, they offered us chocolates and moreover they helped us to understand the treatment process from the start. And with this, the visit was ended and a group photo was taken. Executive then gave some extra general knowledge about various processes and the session ended on a good note.





Shree Rahul Education Society's (Regd.)

# SHREE L. R. TIWARI COLLEGE OF ENGINEERING

An Autonomous Institute Affiliated to University of Mumbai

Approved by AICTE & DTE, Maharashtra State | NAAC Accredited, NBA Programs | ISO 9001:2015 Certified |  
DTE Code No: 3423 | Recognized under Section 2(f) of the UGC Act 1956 | Minority Status (Hindi Linguistic)

## Department of Mechanical Engineering

### DJ Sanghvi COE International

### Conference Session Chair

**Name of the Event:** ICSMSS Conference – Major Infrastructure Projects in India

**Date:** 02/12/2025

**Time:** 9:30 am onwards

**Venue:** DJ Sanghvi COE

**No. of Participants:** 50

**Platform/Mode:** Offline ( Conference)

**Department:** Mechanical Engineering

### Summary of the Event

A delegation comprising one faculty (Dr. Sanjay kumar, Adjunct Professor , Mechanical Engineering ,SLRTCE) was invited as a Session Chair attended the 2025 ICSMSS Conference in DJ Sanghvi COE held at Mumbai University, Ville Parle. The conference focused on India's landmark infrastructure projects and provided deep technical exposure on planning, design, risk management, sustainability, mega-scale construction challenges, and advanced engineering methods. The sessions delivered real-time insights into national projects.



Session chair in International Conference at D. J. Sanghvi college of engineering



## Department of Mechanical Engineering

### Guest Lecture on “Empowering Engineers: Preparing for Leadership in the CRIP Sector”

**Organized by:** Civil Engineering & Mechanical Engineering Departments

**Venue:** Seminar Hall, SLRTCE

**Date:** Thursday, 25th September 2025

**Time:** 9:15 AM to 10:15 AM

**Registration Fees:** Not Applicable

**Participants:** TE & BE students of Civil and Mechanical Engineering Departments

On behalf of the Civil Engineering & Mechanical Engineering Department, SLRTCE would like to take your permission for conducting a 1-hour **Guest Lecture** on “*Empowering Engineers: Preparing for Leadership in the CRIP Sector*” on Thursday, 25th September 2025, from 9:15 AM to 10:15 AM (1 Hour). The session will be conducted by **Dr. Vidya Khanapure, NICMAR University, Pune**. This activity is mapped with POs related to The Engineer and Society, Individual and Teamwork, and Lifelong Learning.

#### Objectives of the event:

1. To prepare engineering students for leadership roles in the CRIP (Construction, Real Estate, Infrastructure, and Project Management) sector.
2. To enhance awareness regarding career opportunities and challenges in the construction, real estate, infrastructure, and project management domains.
3. To motivate students towards skill development, innovation, and continuous professional growth.



Shree Rahul Education Society's (Regd.)



# SHREE L. R. TIWARI COLLEGE OF ENGINEERING

An Autonomous Institute Affiliated to University of Mumbai  
Approved by AICTE & DTE, Maharashtra State | NAAC Accredited, NBA Programs | ISO 9001:2015 Certified |  
DTE Code No: 3423 | Recognized under Section 2(f) of the UGC Act 1956 | Minority Status (Hindi Linguistic)

## Department of Mechanical Engineering Parent Teacher's Meet



**THANK YOU**