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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 & Dr. Sanjay Kumar

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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



SKILL ENHANCEMENT COURSE VISIT REPORT

Name of Department: Mechanical

Date: 5th January 2026- 9th January 2026

Location: SLRTCE, Mira Road

Staff Co-coordinator: Dr.Abhijit Samanta, Dr. Sanjay KumarAmarnath D. Landge , Dr.Yogita Yerne,

Focuses Area:

The Department of Mechanical Engineering successfully conducted Skill Enhancement Courses for Second Year (SE), Third Year (TE), and Final Year (BE) Mechanical Engineering students during the academic year 2025–26. These courses were organized with the objective of strengthening students' practical knowledge, enhancing industry-relevant skills, and bridging the gap between theoretical learning and real-world engineering applications. The courses were conducted after obtaining due permission from the competent authority and were aligned with the department's commitment towards outcome-based education and skill development.





Department of Mechanical Engineering

Industrial Visit to Henkel Adhesives Technologies India Pvt. Ltd., Koparkhairane

Industry Name: Henkel Adhesives Technologies India Pvt. Ltd.

Location: Koparkhairane, Navi Mumbai

Department: Mechanical Engineering

College: Shree L. R. Tiwari College of Engineering

Date of Visit: 13 February 2026

Summary of the Visit:

Industrial visits play a vital role in bridging the gap between theoretical knowledge and practical industrial applications. The Department of Mechanical Engineering, Shree L. R. Tiwari College of Engineering, organized an industrial visit to Henkel Adhesives Technologies India Pvt. Ltd., Koparkhairane, Navi Mumbai, to provide students with exposure to modern manufacturing systems, industrial processes, and mechanical engineering applications.



Expert from Henkel explaining Henkel contribution in automotive sector & E Mobillity



Mechanical students ready with all safety measures for Manufacturing plant visit



Department of Mechanical Engineering

Name of the Event: Seminar on “HVAC Solutions for Pharmaceutical Industry”

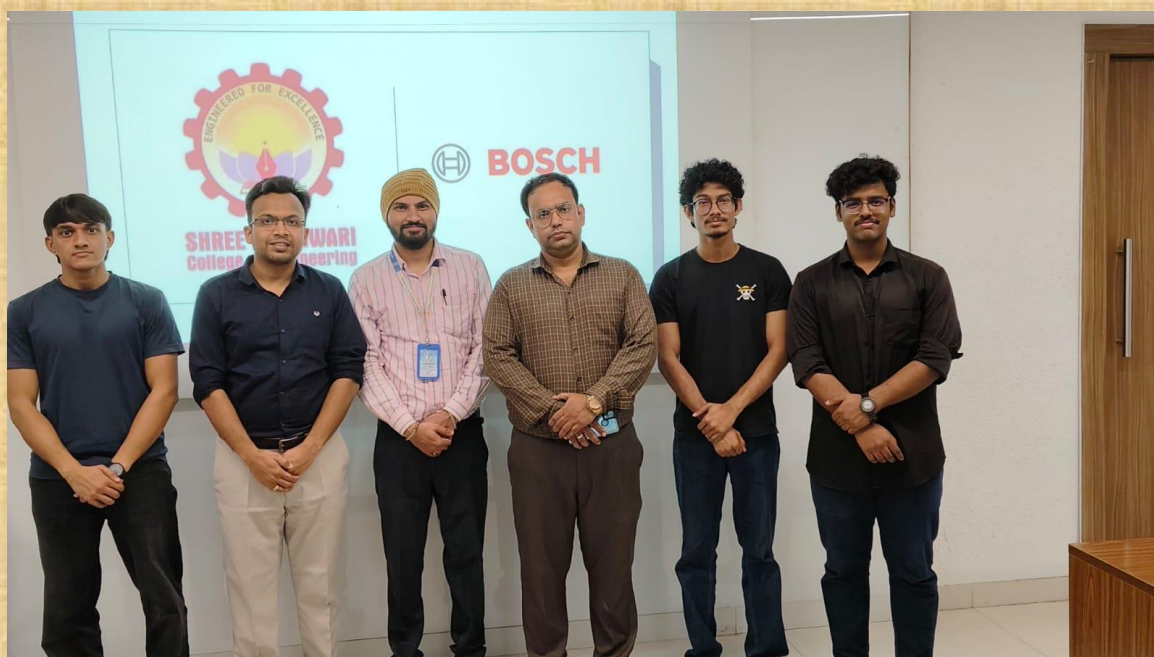
Date: 16-02-2026

Time: 3.00 Pm Onwards

Venue– HVACR LAB 509

Summary of the Event:

The Department of Mechanical Engineering of Shree L. R. Tiwari College of Engineering (SLRTCE) successfully organized a Technical Seminar titled “HVAC Solutions for Pharmaceutical Industry” for the Second Year Mechanical Engineering students. The seminar was organized with the objective of providing students with exposure to industrial HVAC applications, particularly in pharmaceutical manufacturing environments, where strict regulatory standards, cleanroom technologies, and validated air-handling systems play a critical role in maintaining product quality and safety. The session helped students understand the practical implementation of HVAC systems in pharmaceutical industries, thereby bridging the gap between theoretical knowledge and real- world engineering practices.



A photo of the event with speaker Mr.Rahul Shah with students and faculty coordinators

THANK YOU