



31st May 2026

KJ College of Engineering & Management Research

A Newsletter of Engineering Science Department

INTRODUCTION

The May issue of Newsletter of Engineering Science Dept is the Fifth issue of the year 2026. It features a number of events, activities, and accomplishments racked up by our students and faculty in the month of May 2026.

We are thankful to our founder President Hon. Shri Kalyan Jadhav Sir, Management and Principal Dr. Suhas Khot for their continuous support and firm belief in us.

Guest Lecture on Basic Electrical Engineering:

A guest lecture was organized for the students on 5th May May 2026 for the subject Basic Electrical Engineering. The lecture was delivered by Prof. D. A. Bhagwat Sir, an experienced academician with 39 years of teaching experience from D. Y. Patil College of Engineering, Akurdi. The aim of the lecture was to enhance students conceptual understanding of electrical engineering fundamentals and to bridge the gap between theoretical knowledge and practical applications. The lecture covered several important topics related to Basic Electrical Engineering, including:

- Transformer: working principle, types, and applications
- D.C. Motor: construction, working, and practical uses
- Solving numericals related to electrical circuits, transformers, and DC motors

In addition to the technical concepts, Prof. Bhagwat Sir also discussed the exam pattern, highlighting important topics and the types of questions frequently asked in examinations. He guided students on how to approach numericals effectively and avoid common mistakes. He also shared valuable tips on how to improve results, such as regular practice of numericals, clear understanding of concepts, proper time management during exams, and consistent study habits.



Industrial visit to Sandip Electronics and Automation:

An industrial visit to Sandip Electronics and Automation was organized for the students on 6th May 2026. The main objective of the visit was to provide students with practical exposure to industrial working environments and to bridge the gap between theoretical concepts and industrial applications.

The visit helped students understand the fundamentals of electronics, automation systems, industrial control processes, and modern manufacturing techniques used in industries. During the visit, students were guided by technical experts and industry professionals. The following activities were conducted:

- Introduction to industrial automation and electronics.
- Demonstration of PLC (Programmable Logic Controller) systems.
- Explanation of sensors, relays, motors, and control panels.
- Demonstration of automation processes used in industries.
- Interaction session with engineers and technical staff.
- Discussion on career opportunities in electronics and automation sectors.
- Safety instructions and industrial work ethics explanation.

The industrial visit provided valuable practical exposure to students. It helped them understand real-time industrial applications of engineering concepts. Students gained knowledge about automation technologies, industrial processes, and professional working culture. The visit also motivated students to explore technical skills and future career opportunities in electronics and automation industries.



Guest Lecture on Engineering Mechanics:

The Department of Engineering Sciences organized a Guest Lecture on Engineering Mechanics for students on 9th May 2026 with the objective of strengthening their conceptual understanding of basic mechanical principles and their applications in engineering. The lecture was conducted by Dr. Raviraj R. Sorate Sir, an expert academician/industry professional. Sir shared practical knowledge and real-life engineering applications related to force systems, equilibrium, motion, and mechanics.

The session helped students bridge the gap between theoretical learning and practical engineering problems. The expert emphasized the importance of Engineering Mechanics as a foundation subject for various branches of engineering such as Civil, Mechanical, Structural, and Electrical Engineering. The lecture also motivated students to develop analytical thinking and problem-solving skills required for engineering practice. The lecture covered several important topics related to Engineering Mechanics, including:

- Fundamental concepts of Engineering Mechanics.
- Practical applications of mechanics in engineering.
- Analytical and problem-solving abilities of students.
- To improve understanding of force systems, equilibrium, and motion.
- Innovative engineering thinking.
- Importance of Engineering Mechanics in higher studies and industry applications.



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RESEARCH UPDATES (PATENT, CONFERENCES, FDPs, JOURNAL PAPERS PUBLISHED, AWARDS etc.)

- Prof. Babasaheb Thore completed one week FDP on **Prompt Engineering & Agentic AI for Next Generation Teaching and Research** in association with IEEE Pune Section and ISTE Organized by Department of Computer Engineering, Keystone School of Engineering From 25th to 29th May 2026.