

30th April 2025

DARPAN



Our True reflections

(A Newsletter of KJ College of Engineering & Management Research)



INTRODUCTION

The April issue of KJ College of Engineering and Management Research DARPAN "our true reflections " is the Fourth issue of the year 2025 .It features a number of events, activities, and accomplishments racked up by our students and faculty in the month of April2025.

We are thankful to our founder President Hon. Shri Kalyan Jadhav Sir and Management for their firm belief in us.

We sincerely hope that our readers will find "DARPAN " to be both useful and informative in its mission to inform them about the Institute.

EVENTS

National Level project competition NLPC2025

KJCOEMR was Host Institute in National Level project competition NLPC 2025 organised by IETE Pune centre.

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading professional society, founded in 1953. The IETE is the National Apex Professional body of Electronics and Telecommunication, Computer Science and IT Professionals.



The main objective of the National Level project competition 2025 was to strengthen Project Based Learning through development of Innovative ideas using emerging technologies. The innovative thinking & implementation of these ideas will lead to product development satisfying the need of society and mankind and further fulfilling the “स्वावलंबी भारत अभियान - MySBA - Swavalambi Bharat Abhiyan” dream of Hon’ble Prime Minister.

More than 125 groups registered for IETE National Level project competition at KJCOEMR , Pune centre

Visit to DIPEX 2025 AT COEP Pune, by All First year Engineering Students

All Students of F.E . (Engineering Science Department) (around 550) along with 20 faculties visited the DIPEX 25 exhibition held at COEP grounds Pune on 5th April 2025 .

As many as 324 projects are on display at the DIPEX 25 exhibition, which was inaugurated by the state higher and technical education minister Chandrakant Patil at the College of Engineering Pune Technology University grounds, on Thursday. the projects showcased here are related to agriculture, solar power, health, defence among others, said officials.

Prakash Dhoka, chairperson, DIPEX reception committee, said, “In the era of science, technology, and artificial intelligence, DIPEX has provided students with a rightful platform.”

The college had arranged the transport facility for the students. They gained a lot of knowledge which would certainly help them in the future .



EVENTS

Full stack web development workshop

Department of Computer Engineering organised a Full stack web development workshop on 8th April, Full-stack web development encompasses the entire process of creating a web application, from the user interface (front-end) to the server-side logic and database (back-end). A full-stack developer is skilled in both front-end and back-end technologies, allowing them to build complete web applications. The coordinator of the program was Coordinator: Dr. Aparna Hambarde.



Industrial Visit to Radiant IT services, pune

An Industrial Visit to Radiant IT services, pune was arranged for Third Year students of Computer Engineering was arranged. The Radiant IT Services Pvt. Ltd. is one of the best and well known web development, software development and Digital Marketing Company in Pune

Guest Lecture on Placement and Higher Studies

A guest lecture on Placement and Higher Studies Opportunities through GATE and Other Competition applications was held on 8/4/2025.

The session highlights the important aspects after successfully completing the GATE exam, several career paths become available. You can pursue higher education, including .Tech/M.E. programs, and PhDs in specialized fields at prestigious institutions.

Additionally, one can leverage GATE score for employment in Public Sector Undertakings (PSUs), research organizations like CSIR, DRDO, and ISRO, or even explore opportunities in the private sector. Prof. S. A. Nirve was the coordinator for this event.

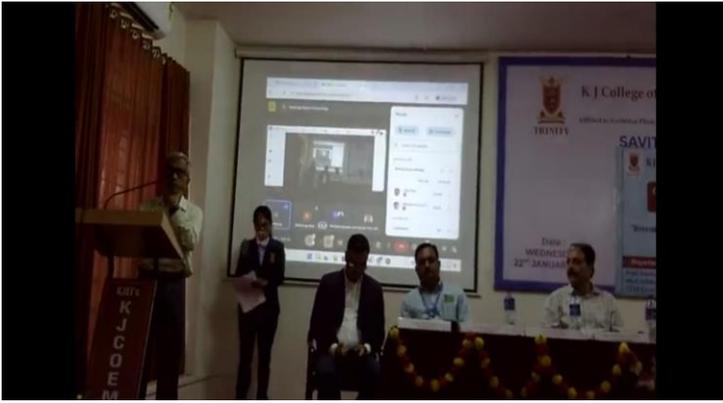


Visit by Dr Manesh Kokare, Director SGGGS Nanded

Dr Manesh B. Kokare, Ph.D. (IIT Kharagpur) (BOYSCAST Post Doctoral Fellow, University of California SB, USA), Director Shri Guru Gobind Singhji Institute of Engineering and Technology (SGGSIET), Nanded, Visited our Institute and Shared many thoughts with all HoDs.

Sir inspired us by his kind words about how to embrace creativity, critical thinking, and a global mindset. Learning from failures, persisting through challenges, and developing resilience. He said that the Engineering students have the potential to contribute to society in profound ways, whether it be through designing sustainable infrastructure, developing groundbreaking technology, or improving the quality of life for individuals and communities”.

One Week ISTE Approved STTP on “Recent Trends in EV & Renewable Energy Sources



Department of Electronics & Telecommunication Engineering organized One Week ISTE Approved STTP on “Recent Trends in EV & Renewable Energy Sources” from 21st April to 25th April 2025. This STTP will help the participants to develop a basic understanding of the various Power Converters, Battery Management System, Motor Controller Design, Embedded Systems, Electric Power Trains, and Charging Infrastructures.

The Aim of a Short Term Training Program (STTP) on Electric Vehicles (EV) and Renewable Energy Sources (RES) typically include Enhanced Knowledge: Participants gain a deeper understanding of EV configurations, components, and their integration with renewable energy systems like solar and wind. Skill Development: Hands-on training in areas such as battery management systems (BMS), EV drive motors, and simulation tools like MATLAB.

Runner up prize of Rs 10000 at VOIS Inter-College Tech Marathon 2025

Om Rakibe, Sargam Puram, Tejas Shinde, Kartik Shinde, Students from the department of Computer Engineering, Received second runner up prize of Rs 10000 at VOIS Inter-College Tech Marathon 2025.

Students got 90 minutes for implementation on title Forest Loss and Deforestation Monitoring followed by 10 minutes of presentation and Q &A. Different colleges like VIT, PICT, Symbiosis, cummins, Nutan, JSPM and KJCOEMR etc. were invited for this competition. Faculty Coordinator was Dr. Vinod Ingle, Computer Department. The Venue was Hotel Parc Estique, Viman Nagar, Pune



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

- KJCOEMR received recognition from IETE for excellent work as a Host Institute in National Level project competition NLPC 2025 organised by IETE Pune centre.
- Prof. Rahimraja G. Shaikh received certificate of appreciation from IETE in recognition as Host coordinator in National Level project competition NLPC 2025
- Dr. Nikita Kulkarni and Dr. Shankar Amalraj of KJCOEMR has participated as “SESSION CHAIR “ at 9th International Conference on Information and communication Technology for Intelligent systems (ICTIS 25) by SPRINGER at Bangkok, Thailand from 4th to 6th April 2025
- Prof. Poonam Gham successfully completed 8 week NPTEL certification in Solar Photovoltaics: Principles, Technologies & Materials
- Prof. Poonam Gham got her book chapter Generative Models in Medical Imaging Published in Generative Intelligence in Healthcare, Edition 1st, Published 2025 Imprint CRC Press, ISBN, 9781003539483