30th June 2025

KJ College of Engineering & Management Research

A Newsletter of Engineering Science Department

INTRODUCTION

The November issue of Newsletter of Engineering Science Dept is the Eleventh 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 June 2025.

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.

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

- Dr. P. N. Deshmukh attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune. Presented paper on topic "Role of Materials in Enhancing the Performance of Biosensors".

- Prof. S. C. Sahane attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune Presented papers on topic "Evaluation of Bubble Deck Slabs for Modern Structural System" and "Fire Fighting Robot: Review Trends & Technology".

- Prof. A. D. Jadhav attend the 2 days National Conference on Recent Advances in pure, Industrial and Applied Mathematics Driven by AI & ML organized by school of computational Sciences JSPM University pune in collaboration with Indian Mathematical Society.

- Dr. V. V. Korde attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune Presented paper on topic "Role of Materials in Enhancing the Performance of Biosensors"

- Dr. S. P. Thakare attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune Presented papers on topic "A Comparative study of newton quasi gradient decent methods for regression optimization", "real time face recognition Attendance System Using Python , Open CV & Face recognition" and "Installation of Alcohol Detection Safety System in Public Transport Vehicles".

- Prof. A. K. Taware attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune Presented paper on topic "Footstep Power Generation System: A Comprehensive Review of Techniques, Applications, and Future Prospects".

- Prof. S. Khaleel, Prof. V. S. Dixit and Prof. N. T. Salunke has attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune

- Presented paper on topic "ARTIFICIAL INTELLIGENCE AND ENVIRONMENTAL SUSTAINABILITY ANALYSIS IN INDIA: A COMPREHENSIVE REVIEW WITH CASE STUDIES AND ENVIRONMENTAL AI IMPACT INDEX (EAII)“

- Prof. P. Gaikwad and Prof. B. N. Thore attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune Presented paper on topic "Evaluation of moisture content in Dendrocalamus Strictus bamboo specimens using standardized oven drying technique Number“.

- Prof. R. M. Pansare attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune Presented paper on topic "Role of Materials in Enhancing the Performance of Biosensors“.

- Prof. L. B. Ghatge attend the International Conference on Innovative Trends in Engineering and Technology. Organized by K J College of Engineering & Management Research, Pune Presented paper on topic "REVIEW ON PREDICTION OF DEPRESION IN COLLEGE STUDENTS“.

- Prof. A. D. Jadhav attend the workshop on Mastering Sketching Science with Latex organized by Indian Mathematics Professor Association and Infinity Research & Development Institute, Coimbatore.

- Prof. A. K. Taware attend Online Faculty Development Program on Smart Building Design: ECT for Net-Zero (Energy Efficiency, Control Systems & Thermal Comfort)” Organized by E & ICT Academy in Association With Department of Architecture and Planning & Department of Mechanical Engineering, NIT Patna. Sponsored by Ministry of Electronics and Information Technology (MeitY), Govt. of India.