



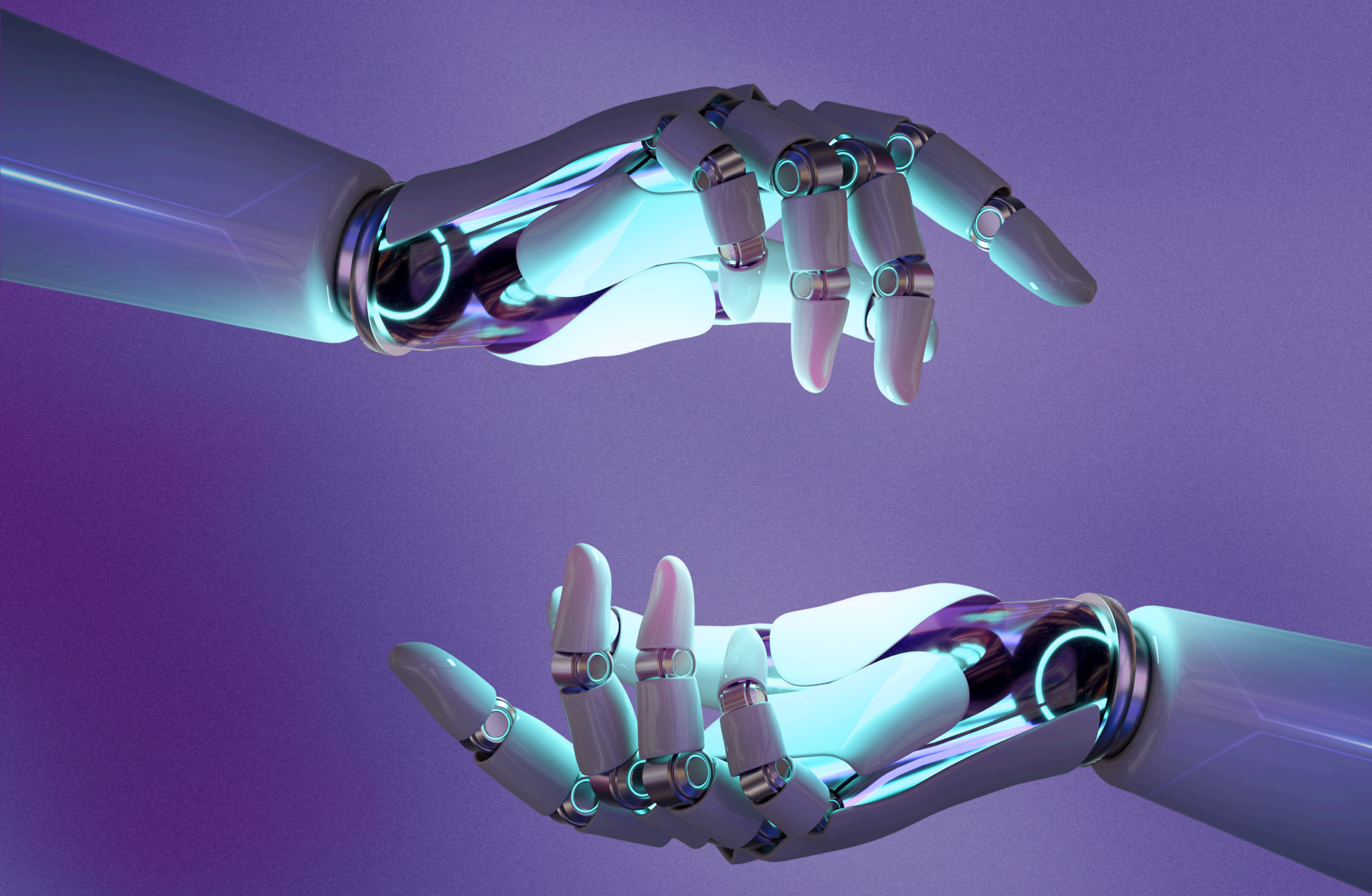
SOMAIYA
VIDYAVIHAR

K J Somaiya Institute of Engineering & Information Technology
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Accredited by NAAC and NBA, Approved by AICTE, New Delhi

Department of Electronics and Telecommunication Engineering

ABHIYANTRI KI

Departmental Bi Annual Newsletter 2024-25



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JANUARY TO JUNE 2025



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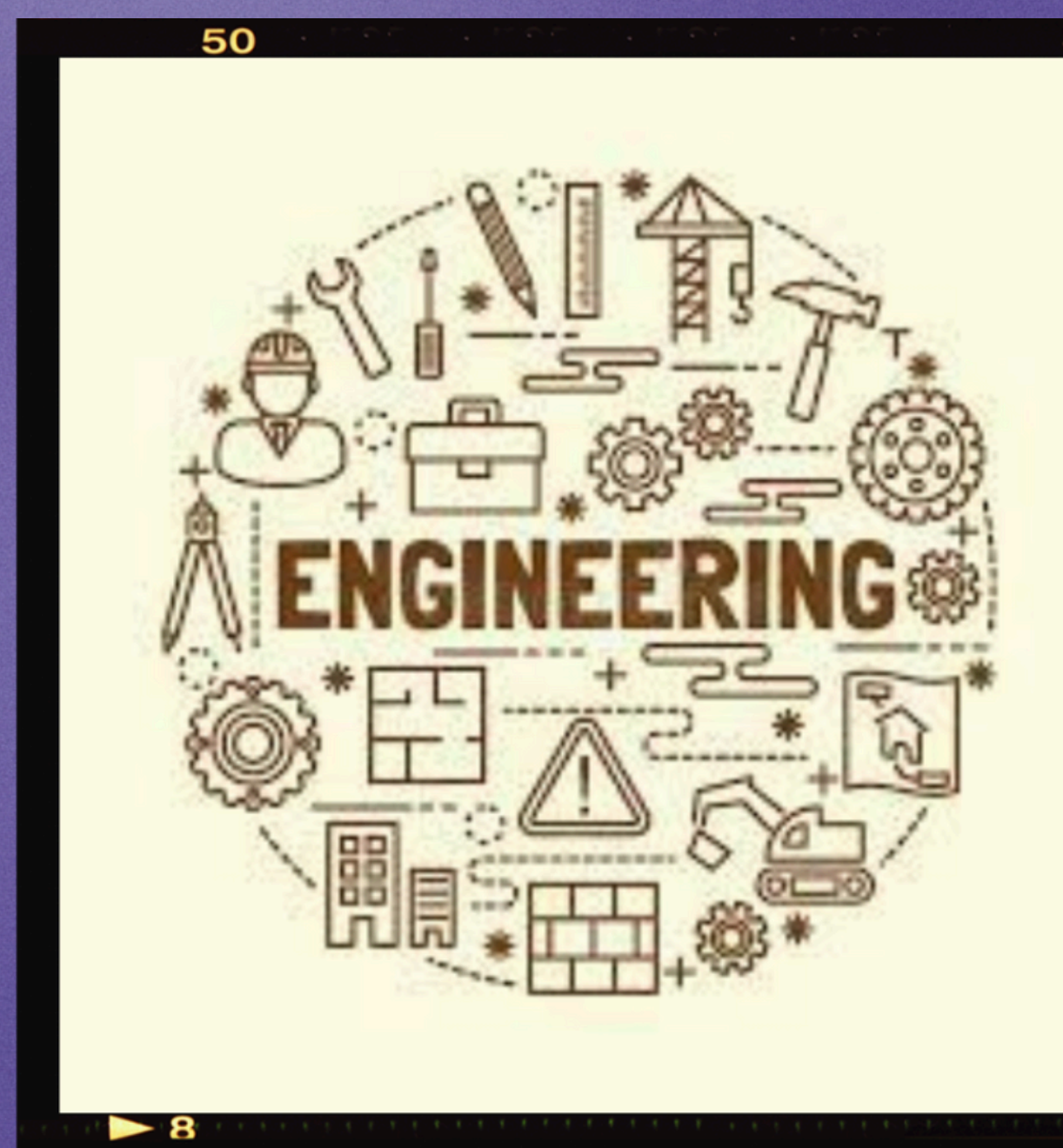
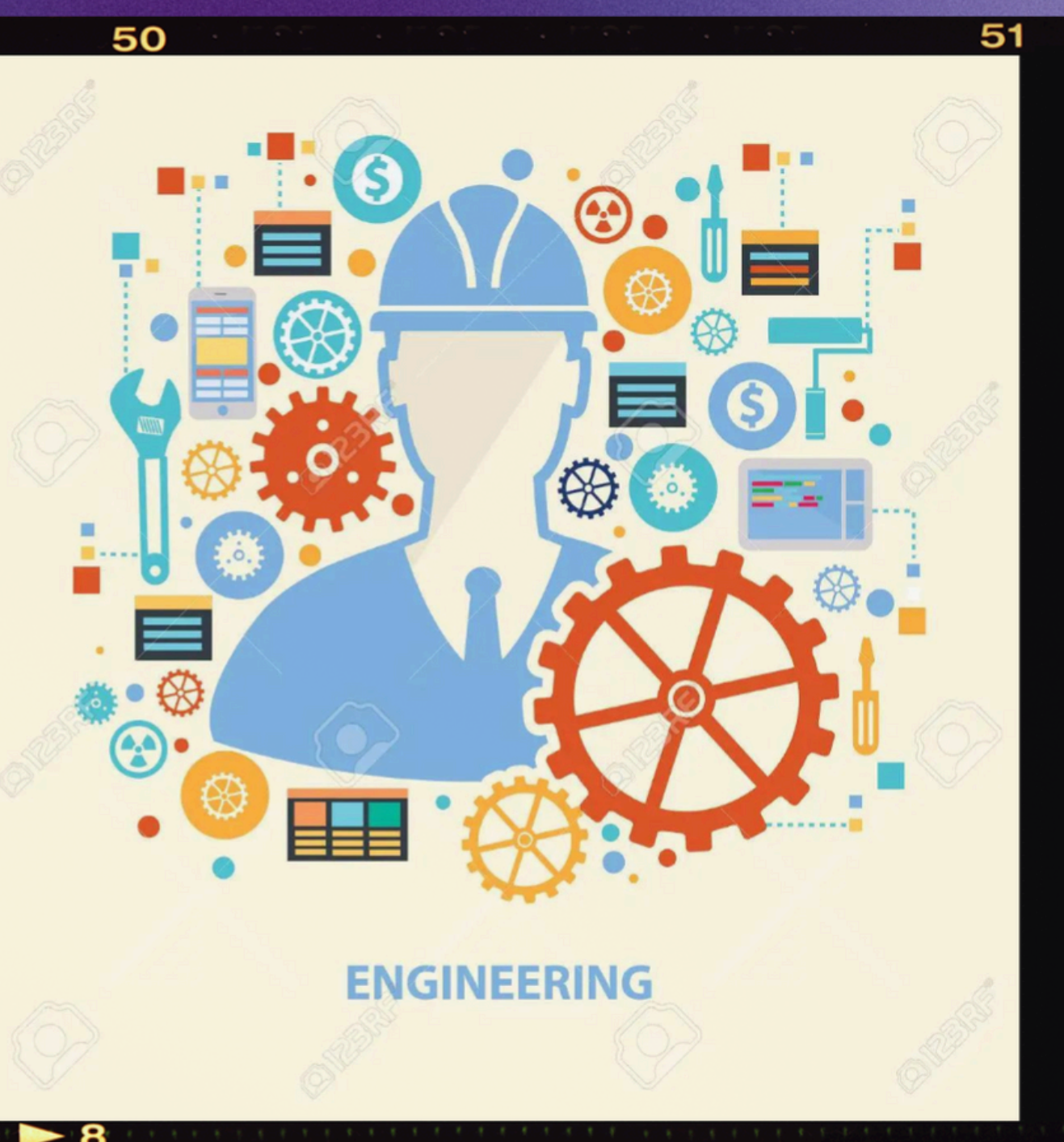
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OBJECTIVE OF THIS NEWSLETTER

EXPLORE THE UNEXPLORED!

The purpose to publish a bi-annual e-newsletter is to broadcast the activities and developments of the department. Achievements of the staff, students and alumni, events organized by the department are mentioned in this as well. Participation of staff and students in various events such as workshops, seminars, FDP, conferences and research activities are also mentioned. Success stories of participation in competitions and prizes won by the faculties and students are also depicted. This newsletter is the platform for projecting overall activities and achievements of the department every half yearly.





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Department of Electronics and Telecommunication Engineering

VISION OF THE DEPARTMENT: -

To be recognized as a department of excellence that produces committed, responsible and skilled telecommunication engineers.

MISSION OF THE DEPARTMENT:-

To achieve the Vision of the department following Mission statements are defined.

M1:-To offer quality training in Electronics and Telecommunication Engineering to groom students into successful professionals.

M2:-To instil the skills that enable students to design and implement the technical solution.

M3:-To inculcate ethical behavior, soft skills and team work in students.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS): -

PEO1: - Analyzing and applying engineering knowledge for solving engineering problems.

PEO2: - Demonstrating professional and ethical practices in the area of academia, research, career and entrepreneurship.

PEO3: - Applying the knowledge of engineering to solve societal and environmental problems as an individual or in a team.

PEO4:- Demonstrating effective oral and written communication skills and excellence in management and leadership



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Dr. Jayashree Khanpuri

Dr. Jayashree Khanpuri invited as a reviewer at ‘Madhya Pradesh Section Conference (MPCON)’ organised by IEEE in 2025.

Dr. Jayashree Khanpuri along with Ms. Ziabanu Dongri completed project titled ‘Faculty appraisal management system for teaching’ sponsored by KJSIT.

Dr. Jayashree Khanpuri along with Ms. Ziabanu Dongri completed project titled ‘Faculty appraisal management system for non-teaching staff’ sponsored by KJSIT.

Dr. Jayashree Khanpuri along with students Himey Sankhe and Tejas Fatkar working under project titled ‘Inventory Management System’ sponsored by KJSIT.

Dr. Jayashree Khanpuri & Prof. Prashant Upadhyay along with students Jay Manek, Arrya Bhaik working under project titled ‘Remuneration Management System’ sponsored by KJSIT.

Dr. Jayashree Khanpuri along with students Ziabanu Dongri, Ms. Vidhisha Kataria & Ms. Swara Wairkar working under project titled ‘Land Surface Temperature Visualization of City’ sponsored by Active Spatial Sciences Research Group (ASSRG), Taminadu.

Dr. Jayashree Khanpuri & Prof. Swati Shinde along with students Mehta AnshuMevada Rushabh working under project titled ‘Test Automation’ sponsored by KJSIT.

Dr. Jayashree Khanpuri presented paper titled ‘Mapping: Harnessing Geospatial tools for Urban Heat and land surface temperature analysis’ in International Conference New-Gen Technologies for Sustainable Development (ICNGTS-2025) from 27/03/25 to 29/03/25.

Dr. Jayashree Khanpuri presented paper titled ‘Harnessing Geospatial technologies for land surface temperature analyses in 9th International Conference on Information and Communication Technology for Intelligent System from 04/04/25 to 06/04/25.

Dr. Jayashree Khanpuri & Prof. Swati Shinde along with students Mehta AnshuMevada Rushabh working under project titled ‘Test Automation’ sponsored by KJSIT.



Dr. Sandhya Kadam

Dr. Sandhya Kadam along with students Pacharane Aditya, Gokhale Aashay, Bhagat Ninad working under project titled ‘Mobile phone video base skeletal tracking & 3D Motion capture’ sponsored by KJSIT.

Dr. Sandhya Kadam attended ‘Somaiya Innovation and Impact Festival’ at Somaiya, Vidyavihar on 22/02/2025.

Dr. Sandhya Kadam attended FDP on ‘Deep Learning’ at SkillDzire in collaboration with AICTE from 17/03/25 to 31/03/25.



Dr. Kiran Rathod

Dr. Kiran Rathod attended FDP on ‘Innovations and challenges of wearable Electronics especially in sensors and antennas domain’ organised by AICTE, Atal academy from 06/01/2025 to 18/01/2025.

Ø Dr. Kiran Rathod received best paper award titled ‘Wideband Planar Folded Dipole Antenna for Fast Wireless Communication’ organized by KJSIT from 26/06/2025 to 27/06/2025.

Dr. Kiran Rathod working under project titled ‘Polarization Dependent Electromagnetic Band Gap(PD-EBG) Structure Integrated Low SAR Circularly Polarized (CP) Textile Antenna for Body Wearable Application’ sponsored by Thakur college of engineering.

Dr. Kiran Rathod working under project titled ‘Microstrip patch antenna design for Gurutava Space’ sponsored by KJSIT.

Dr. Kiran Rathod attended FDP on ‘Innovations and Challenges of Wearable Electronics especially in Sensors/Antennas Domain’ organised by AICTE Training And Learning (ATAL) Academy at Defense Institute of advanced technology from 06/01/25 to 18/01/25.



Dr. Priya Hankare attended FDP on ‘AI & its Applications in research’ organised by AICTE Training and Learning (ATAL) Academy from 20/01/25 to 25/01/25.

Dr. Priya Hankare in association with IETE-ISF organised workshop on ‘Arduino’ at KJSIT, Sion on 18/03/25.

Dr. Priya Hankare in association with IETE organised workshop on ‘Snap AR’ at KJSIT, Sion on 25/03/25.

Dr. Priya Hankare received appreciation as an ISF coordinator organised by IETE, at K.C.college Thane on 17/04/25.

Dr. Priya Hankare in association with IETE-ISF organised workshop on ‘Basics of Electronics and its applications’ at Dharavi Transist Camp Municipal Primary School, Dharavi on 20/03/25.

Dr. Priya Hankare organised ‘Hackathon_LevelUp’ from 05/04/25 to 06/04/25 at KJSIT, Sion.

Dr. Priya Hankare organised ‘Oscillations 2025’ from 03/04/25 to 04/04/25 at KJSIT, Sion.

Dr. Priya Hankare presented paper titled ‘Automatic vehicle headlight intensity control using STM32’ in national conference on engineering design and computational science on 28/01/25.

Dr. Priya Hankare presented paper titled ‘Simulation of 2 Dimensional Non-Invasive Electrical Impedance Tomography system for early stage Breast Cancer detection’ in Scopus indexed journal (Springer Nature Computer Science) on February 2025.

Dr. Priya Hankare won third prize in the event ‘BEST ISF award for Oscillations 2025’ organised by IETE Mumbai Centre, at K.C.college Thane on 17/04/25.

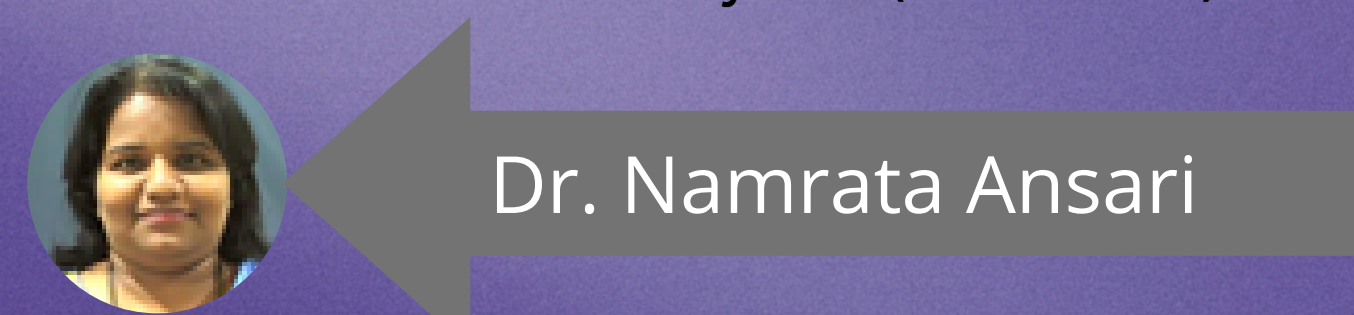
Dr. Priya Hankare organised FDP on ‘Inculcating Universal Human Values in Technical Education’ at KJSIT, Sion from 02/01/25 to 04/01/25.

Dr. Priya Hankare attended FDP on ‘Ethics and Values in Higher Education’ organised by Asia Plateau in Panchgani, Maharashtra from 28/01/25 to 01/02/25.



Prof. Sagar Mhatre presented paper titled ‘Enhancing Edge Performance: A Comparative Analysis of LSTM Inference using Hardware Acceleration’ in International Conference on Machine Learning and Autonomous Systems (ICMLAS-2025) in March 2025.

Prof. Sagar Mhatre presented paper titled ‘Enhancing Edge Performance: A Comparative Analysis of LSTM Inference using Hardware Acceleration’ in second International Conference on Machine Learning and Autonomous Systems (ICMLAS-2025) from 10/03/25 to 12/03/25.



Dr. Namrata Ansari received two lakh grants for ICAST from AICTE in June 2025.



Prof. Swati Shinde

Prof. Swati Shinde received appreciation and compliment as a reviewer of 7th International conference on Advances in Science and Technology (ICAST) organised by KJSIT, Mumbai from 21/06/2025 to 21/06/2025.



Prof. Sandhya Deshpande

Prof. Sandhya Deshpande published paper titled ‘Land Use Land Cover Analysis for Junnar, pune district in Maharashtra Using Geographical Information System and Remote Sensing’ in International Research Journal of Engineering and Technology (IRJET) in March 2025.

Prof. Sandhya Deshpande attended FDP on ‘Sensors and their applications’ organised by AICTE Training and Learning (ATAL) Academy at St. Mother Theresa engineering college from 17/02/25 to 22/02/25.

Prof. Sandhya Deshpande in association with COEP cell organised IV at ‘NCPRE lab and IITBNF lab, IIT Bombay’ on 07/02/25.

Prof. Sandhya Deshpande in association with COEP cell organised IV at ‘IIT CSTM’ on 08/02/25.

Prof. Sandhya Deshpande in association with COEP cell organised IV at ‘BSE ‘on 12/03/2025.

Prof. Sandhya Deshpande in association with COEP cell organised IV at ‘GSMRT National Centre for Radio Atrophy, Pune’ on 01/03/2025.

Prof. Sandhya Deshpande in association with COEP cell organised IV at ‘NCPIL, Tarapur power plant’ on 15/03/2025.

Prof. Sandhya Deshpande in association with COEP cell organised IV at ‘BSE ‘on 12/03/2025.



Dr. Pradnya Kamble

Dr. Pradnya Kamble presented paper in 7th International Conference on Advances in Science and Technology on the topic of ‘Development of IoT Laboratory: A Structured Approach to Learning IoT Technologies’ organised by KJSIT on 20/06/2025.

Dr. Pradnya Kamble presented paper in 7th International Conference on Advances in Science and Technology on the topic of ‘Pulse Oximeter System’ organised by KJSIT on 20/06/2025.

Dr. Pradnya Kamble presented paper in 7th International Conference on Advances in Science andchnology on the topic of ‘Quaroot: IoT Based Water Level’ organised by KJSIT on 20/06/2025.

Dr. Pradnya Kamble presented paper in 7th International Conference on Advances in Science and Technology on the topic of ‘SafeHer: IoT Innovations for Women’s Safety’ organised by KJSIT on 20/06/2025.

Student Achievements:-

Group of students Arrya Bhaik, Aakash Adhyapak, Jay Manek, Patrth Kachadi, Shriram Phase delivered two days training program on ‘Wired Robotics, Quad copter, and Artificial Intelligence’ at Somaiya Sports Academy, Laxmiwadi with campus of Somaiya Vidya Mandir, Laxmiwadi, Dist- Ahilyanagar from 08/01/2025 to 09/01/2025.



Image clip of the event at Laxmiwadi

Mr. Vidhan Bhasme awarded Rs. 50000/- as a prestigious Narotam Sekhsaria Undergraduate Engineering Scholarship 2024 for his academic excellence and exceptional merit on 16/01/2025.