



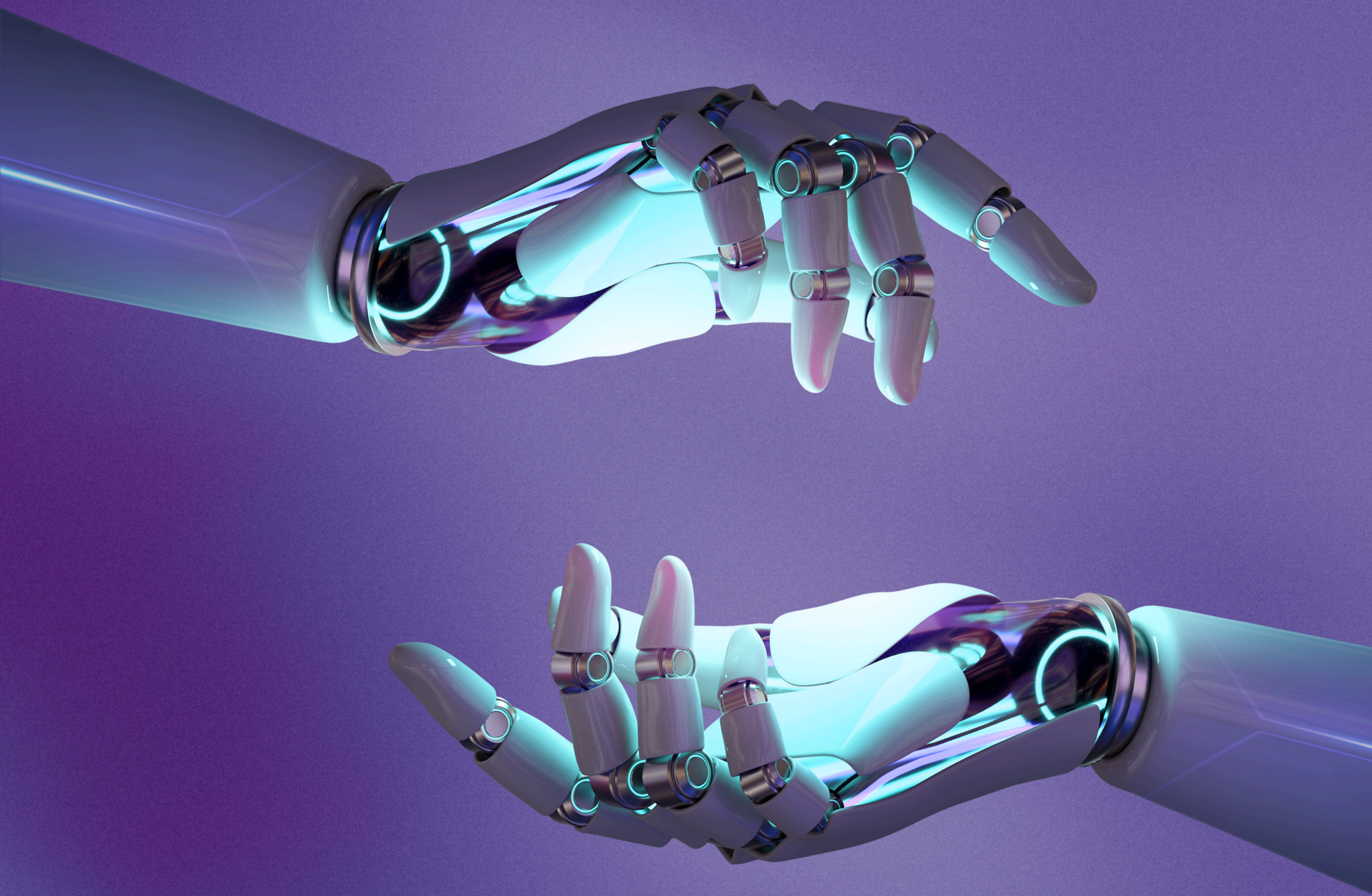
SOMAIYA
VIDYAVIHAR

K J Somaiya Institute of Engineering & Information Technology
An Autonomous Institute affiliated to University of Mumbai
Accredited by NAAC and NBA, Approved by AICTE, New Delhi

Department of Electronics and Telecommunication Engineering

ABHIYANTRI KI

Departmental Bi Annual Newsletter 2025-26



VOLUME 12 ISSUE 01
JULY TO DECEMBER 2025



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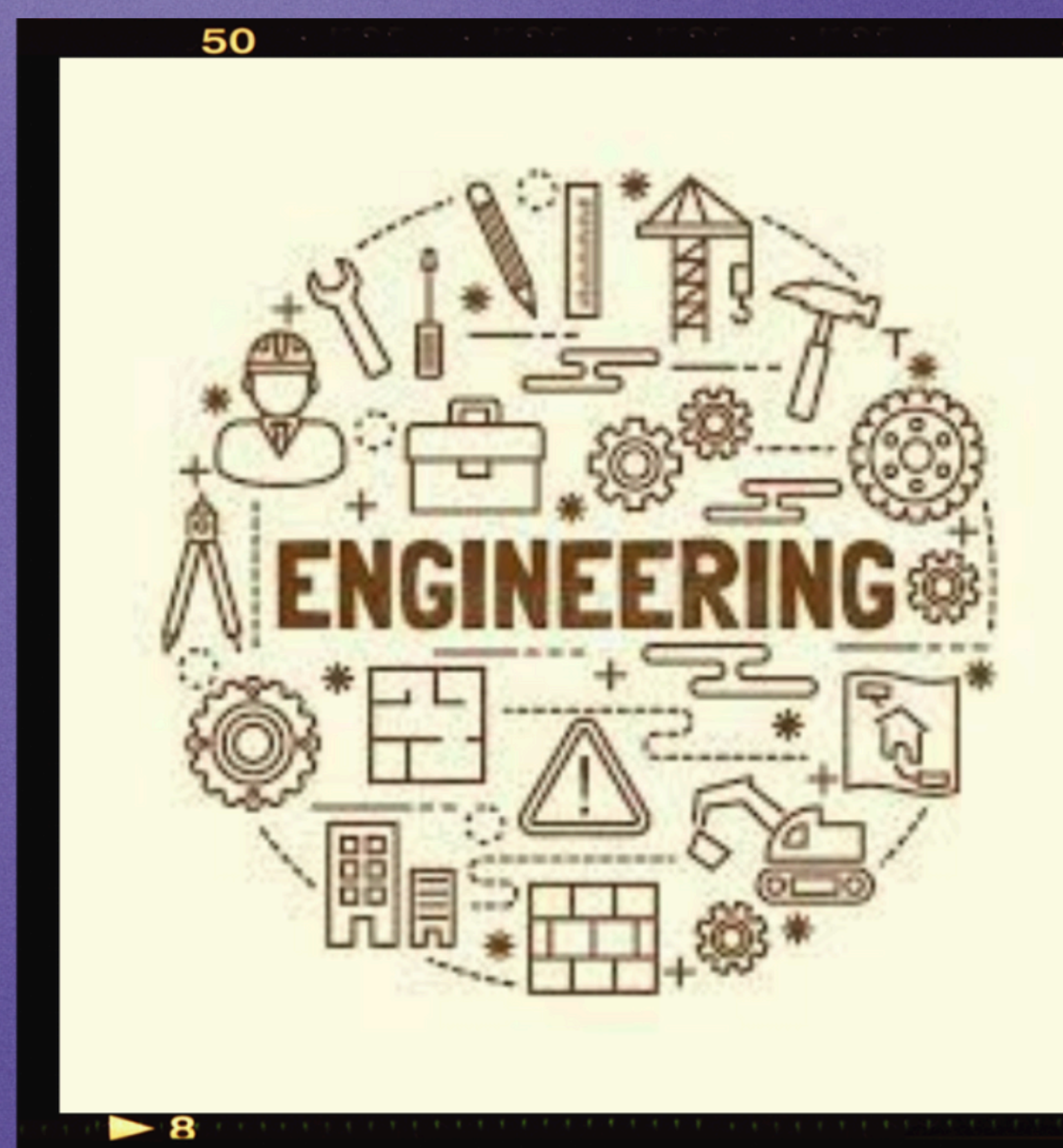
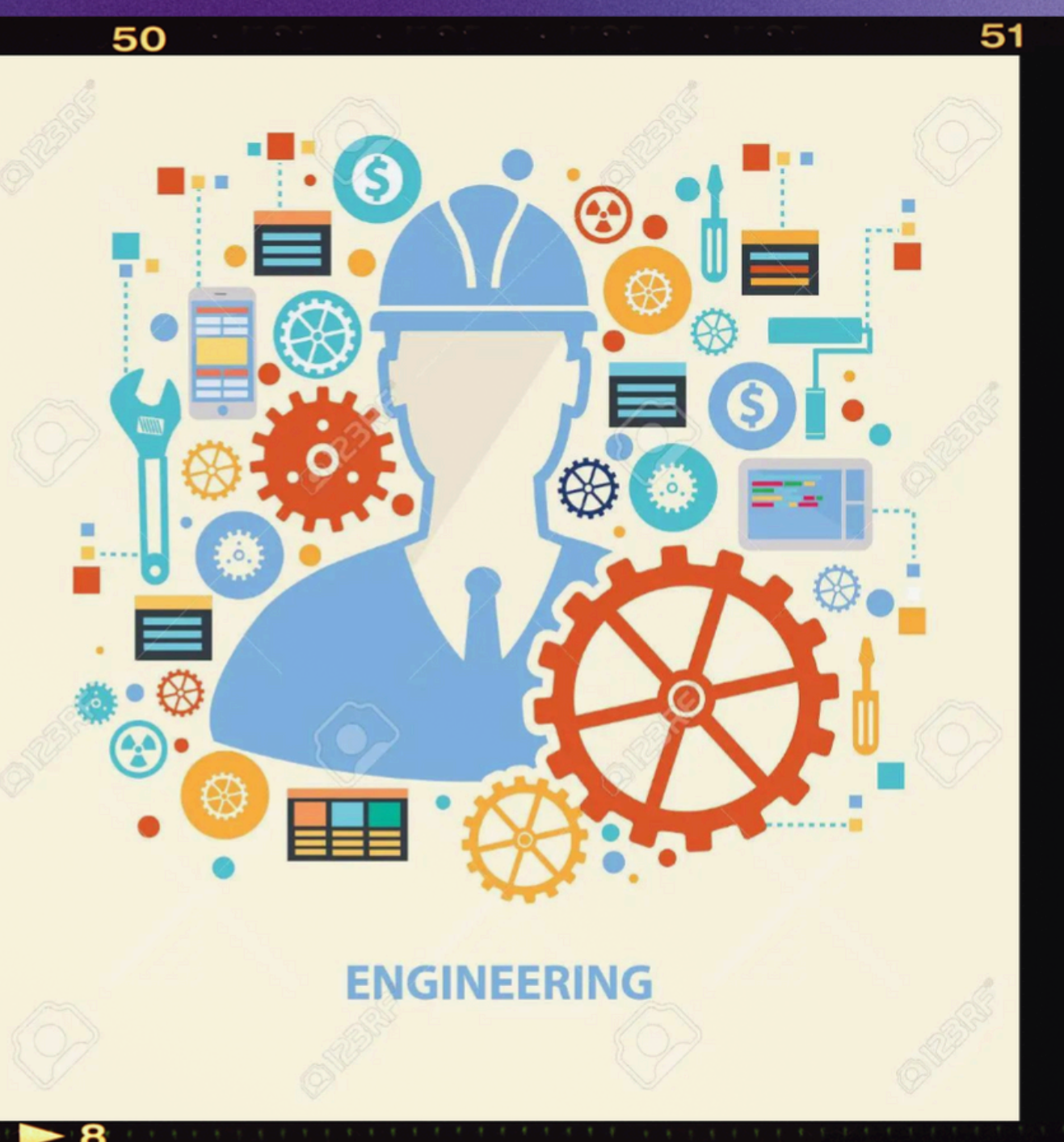
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OBJECTIVE OF THIS NEWSLETTER

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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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 Khanapuri

Dr. Jayshree Khanapuri applied paper for conference proceedings ‘Novel Approach for EUS detection Using AI Approach’, 5th Congress on Intelligent Systems (CIS 2024), Springer Nature, Singapore Pvt Ltd, e-ISSN:2367-3389 ,Print ISSN 2367-3370, Organized in In-person and Online (Hybrid Mode) by. CHRIST (Deemed to be University), Bengaluru.

Dr. Jayshree Khanapuri applied paper for conference proceedings ‘Harnessing Geospatial Tools for Urban Heat and Land Surface Temperature Analysis’ in Tamil Nadu, ICT for Intelligent Systems, Springer Nature, Lecture Notes in Networks and Systems 1511, https://doi.org/10.1007/978-981-96-8796-1_8, 2367-3370 for the series and 2367-3389 for the e-ISSN.

Dr. Jayshree Khanapuri presented paper ‘Mapping urban Heat: Harnessing Geospatial Technologies for Land surface temperature analysis’ in International Conference for New-Gen Technologies for sustainable development (ICNGTS-2025), Nehru Institute of Engineering & Technology, Coimbatore, Tamilnadu.

Dr. Jayshree Khanapuri presented paper ‘Novel Approach Uding SVM and UMAP for identification of Disease in Tilapia’ in International conference on Emerging Technologies for sustainable Development (ICETS-2025, K J Somaiya Institute of Technology, Sion, Mumbai -22, Maharashtra.

Dr.Jayshree Khanapuri worked as a reviewer for ‘ICAIQSA 2025’ organised by Singhgd College of Engineering, Pune on 12/09/2025.

Dr. Jayshree Khanapuri, and Dr. Pradnya Kamble attended FDP on ‘Educators’ organised by Ramkrishna Mission, Khar, and Mumbai on 20/11/2025.

Dr. Jayshree Khanapuri, Dr.Priya Hankare, Dr.Pradyna Kamble,Dr. Pranali Hatode, Dr. Sandhya Deshpande, Prof. Rupali Satpute attended FDP on ‘Faculty Excellence: Integrating Skills, Emotional Intelligence, and Innovation in Education’ from 17/11/2025 to 22/11/2025 2025 at K. J. Somaiya Institute of Technology, Sion.

Dr. Jayshree Khanapuri, and Dr. Pradnya Kamble attended FDP on ‘Educators’ organised by Ramkrishna Mission, Khar, and Mumbai on 20/11/2025.



Dr. Sandhya Kadam

Dr.Sandhya Kadam attended one week facilitator's training ‘British Council Climate Skill Program’ at Kalina Campus, University of Mumbai from 04/08/2025 to 08/08/2025.

Dr. Sandhya Kadam attended STTP on ‘Extension Teachers and Student managers (Career & Community Oriented activities)’ organised by Lala Lajpatrai college of Commerce & Economics, Mahalaxmi, Mumbai on 09/09/2025.

Dr. Sandhya Kadam attended STTP on ‘Extension Teachers and Student managers (Career & Community Oriented activities)’ organised by R. A. Podar college of Commerce & Economics, Matunga, Mumbai on 03/12/2025.



Dr. Pranali Hatode

Dr. Pranali Hatode elevated as an IEEE senior member in August 2025.



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Dr. Jayshree Khanapuri, Dr.Priya Hankare, Dr.Pradyna Kamble,Dr. Pranali Hatode, Dr. Sandhya Deshpande, Prof. Rupali Satpute attended FDP on ‘Faculty Excellence: Integrating Skills, Emotional Intelligence, and Innovation in Education’ from 17/11/2025 to 22/11/2025 2025 at K. J. Somaiya Institute of Technology, Sion.



Dr. Kiran Rathod

Dr. Kiran Rathod worked as a reviewer for 2nd International conference on technologies for energy, agricultural and healthcare (ICTEAH2025).



Dr. Namrata Ansari

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



Dr .Priya Hankare

Dr. Priya Hankare completed platform and domain training on Drone Aero Vision Lab from 26/09/2025 to 04/10/2025.

Dr. Priya Hankare in association with IETE-KJSIT conducted a free Workshop on ‘Save Earth Understanding the Importance of Cleanliness and Environmental Protection’ for secondary students of 7th and 8th standard in Dharavi Transist Camp Muncial School, Dharavi on 29/09/ 2025.

Dr. Priya Hankare selected as an observer for 3-day’s FDP (self-funded) on ‘UHV-Introductory’ at Datta Meghe College of Engineering, Airoli, Navi Mumbai, Maharashtra from 20/08/2025 to 22/08/2025.

Dr. Priya Hankare’s paper accepted in 2nd International Conference on Deep Learning and Visual Artificial Intelligence (ICDLAI-2025), ‘FetalTileNet: A Comprehensive Deep Learning Pipeline for Multi-Class Fetal Ultrasound Classification with Abnormality Detection’.

Dr. Priya Hankare appointed as a co-facilitator for 3-day Introductory FDP on UHV from 10/12/2025 to 12/12/2025 at Saraswati Institute of Technology, Kharghar, Maharashtra by AICTE

Dr. Jayshree Khanapuri, Dr.Priya Hankare, Dr.Pradyna Kamble,Dr. Pranali Hatode, Dr. Sandhya Deshpande, Prof. Rupali Satpute attended FDP on ‘Faculty Excellence: Integrating Skills, Emotional Intelligence, and Innovation in Education’ from 17/11/2025 to 22/11/2025 2025 at K. J. Somaiya Institute of Technology, Sion.



Prof. Swati Shinde

Prof. Swati Shinde, Prof. Rupali Satpute attended orientation program on ‘Digital System and Design’ organised by K C College of Engineering, Thane on 18/07/2025.

Prof. Swati Shinde attended FDP on ‘Integrating AI and Deep learning for Biomedical Signal Processing:A matlab approach’ organised by D Y Patil Pimpri, Pune from 23/06/2025 to 27/06/2025.

Prof. Swati Shinde, Prof. Rupali Satpute attended orientation program of ‘Electronic Devices and Linear Circuits’ organised by RGIT, Mumbai on 18/07/2025.

Prof. Swati Shinde, Proof. Rupali Satpute attended online workshop on ‘Emerging Significance of Artifical Intelligence (AI) across Key Technological Domains such as Blockchain, IoT,Cyber security, Big data Analytics , Cloud Computing and Robotics’ organised by VPM’s Maharishi Parshuram College of Engineering, Velneshwar from 01/07/2025 to 07/07/2025.

Prof. Swati Shinde and Prof. Prashant Upadhay organized a Poster and Project Presentation on the topic of ‘ABHIGYAN’ on 15/10/2025 from 1.10 pm onwards under the guidance of Dr. Jayshree Khanapuri.



Image clip of the event ABHIGYAN2025

Prof.Swati Shinde attended ATAL FDP on ‘Smart Cities and Sustainable Mobility: Civil Engineering Innovations for Future Urban Development’ organised by Sankalchand College of Engineering,Visnagar from 08/09/2025 to 13/09/2025.

Prof.Swati Shinde completed 8 weeks of NPTEL online course.

Prof. Swati Shinde, Prof. Prashant Upadhay and Prof. Martand Jha visited ‘Automation Expo 2025’ on 14/09/2025 in Mumbai.

Prof. Swati Shinde received letter of appreciation for ‘Event Coordinator in ABHIGYAN 2025’ on 15/10/2025.



Prof. Sunil Patil attended FDP on ‘Data Analytics using power BI’ organised by AIT, Karnataka from 28/07/2025 to 01/08/2025.

Prof. Sunil Patil attended FDP on ‘Cloud Computing’ organised by JBIET, Karnataka from 14/07/2025 to 18/07/2025.

Prof. Sunil Patil attended FDP on ‘Data Analytics using power BI’ organised by AIT, Karnataka from 28/07/2025 to 01/08/2025.



Prof. Sandeep Mishra got distinction in ‘Quiz Competition 2025’ organised by Shri Sai College of Engg. & Technology, Bhadrawati on 15/09/2025.

Dr.Pradnya Kamble, Prof. Rupali Satpute, Prof. Sandeep Mishra attended ATAL FDP on ‘The Future of AI & ML: Balancing Innovation, Ethics, and Industry Needs’ organised by Rizvi College of Engineering, Mumbai from 08/09/2025 to 13/09/2025.



Prof. Prashant Upadhyay attended FDP on ‘AI/ML-Based Controller Design and Deployment on Real-Time Platforms’ organised by NIT Rourkela from 05/11/2025 to 09/11/2025.

Prof. Swati Shinde and Prof. Prashant Upadhay organized a Poster and Project Presentation on the topic of ‘ABHIGYAN’ on 15/10/2025 from 1.10 pm onwards under the guidance of Dr. Jayshree Khanapuri.



Dr.Pradnya Kamble

Dr. Pradnya Kamble conducted an industrial visit at ‘GRID India Limited’ with resource person Mr. Shailendra Kumar Verma, DGM Grid India on 08/10/2025.

Dr. Pradnya Kamble organised ‘ABHIGYAN 2025-26 presents Pragyan (1.0)’ project competition on 30/10/2025 for TY students.

Dr. Pradnya Kamble organised expert talk on ‘Higher Studies Road map: Engineering to IIM Success’ with resource person Ms. Rashika Tiwari for SY and TY students on 06/10/2025.

Dr.Pradnya Kamble, Prof. Rupali Satpute, Prof. Sandeep Mishra attended ATAL FDP on ‘The Future of AI & ML: Balancing Innovation, Ethics, and Industry Needs’ organised by Rizvi College of Engineering, Mumbai from 08/09/2025 to 13/09/2025.

Dr.Pradnya Kamble attended ‘Faculty Research Symposium (FRS) 2025’ organised by IT & Research, Development & Consultancy Cell of KJSIT on 10/10/2025.

Dr. Jayshree Khanapuri, Dr.Priya Hankare, Dr.Pradyna Kamble,Dr. Pranali Hatode, Dr. Sandhya Deshpande, Prof. Rupali Satpute attended FDP on ‘Faculty Excellence: Integrating Skills, Emotional Intelligence, and Innovation in Education’ from 17/11/2025 to 22/11/2025 2025 at K. J. Somaiya Institute of Technology, Sion.



Prof.Rupali Satpute

Dr. Jayshree Khanapuri, Dr.Priya Hankare, Dr.Pradyna Kamble,Dr. Pranali Hatode, Dr. Sandhya Deshpande, Prof. Rupali Satpute attended FDP on ‘Faculty Excellence: Integrating Skills, Emotional Intelligence, and Innovation in Education’ from 17/11/2025 to 22/11/2025 2025 at K. J. Somaiya Institute of Technology, Sion.

Prof. Swati Shinde, Proof. Rupali Satpute attended online workshop on ‘Emerging Significance of Artifical Intelligence (AI) across Key Technological Domains such as Blockchain, IoT,Cyber security, Big data Analytics , Cloud Computing and Robotics’ organised by VPM’s Maharishi Parshuram College of Engineering, Velneshwar from 01/07/2025 to 07/07/2025.

Dr. Jayshree Khanapuri, Dr.Priya Hankare, Dr.Pradyna Kamble,Dr. Pranali Hatode, Dr. Sandhya Deshpande, Prof. Rupali Satpute attended FDP on ‘Faculty Excellence: Integrating Skills, Emotional Intelligence, and Innovation in Education’ from 17/11/2025 to 22/11/2025 2025 at K. J. Somaiya Institute of Technology, Sion.



Prof. Sagar Mhatre

Prof. Sagar Mhatre presented paper in 16th International IEEE conference on Computing , Communication and Networking Technologies(ICCCNT) titled ‘CNN: Acceleration on PYNQ-Z2 Using HLS and Axi Dma for Edge AI Applications’ organised by IIT, Indore from 06/07/2025 to 11/07/2025.



Dr. Sandhya Deshpande

Dr.Sandhya Deshpande in association with COEP cell organised 34th internship at central railway, Kurla on 01/07/2025.

Dr. Jayshree Khanapuri, Dr.Priya Hankare, Dr.Pradyna Kamble,Dr. Pranali Hatode, Dr. Sandhya Deshpande, Prof. Rupali Satpute attended FDP on ‘Faculty Excellence: Integrating Skills, Emotional Intelligence, and Innovation in Education’ from 17/11/2025 to 22/11/2025 2025 at K. J. Somaiya Institute of Technology, Sion.

Dr. Sandhya Deshpande attended ATAL FDP on ‘Application of Machine Learning Techniques in Healthcare’ at NITTE from 08/12/2025 to 13/12/2025.

Dr. Sandhya Deshpande attended ATAL FDP on ‘Securing Cyber-Physical Intelligence with Digital Trust and AI-Driven Automation ’ from 24/11/2025 to 29/11/2025.

Dr. Sandhya Deshpande attended ATAL FDP on ‘Cyber Threat Intelligence and Defense Mechanisms’ from 27/11/2025 to 01/12/2025.



Prof. Rupali Kadu

Prof. Rupali Kadu attended FDP on ‘Network Security Concepts, Protocols and Practical Implementation’ organized by FRCRIT, Navi Mumbai from 08/12/2025 to 12/12/2025.

All faculties from EXTC department worked as a judge for Poster and Project presentation event under ABHIGYAN 2025 on 15/10/2025

Student Achievements

Mr. Ayush Jha represented India at United Nations Headquarters, Vienna.



Image clip of the event at Vienna

Mr. Shardul Sharad Shendre from FY EXTC won gold medal in open states Taekwondo competition and selected for federation cup which will be held in January2026.