



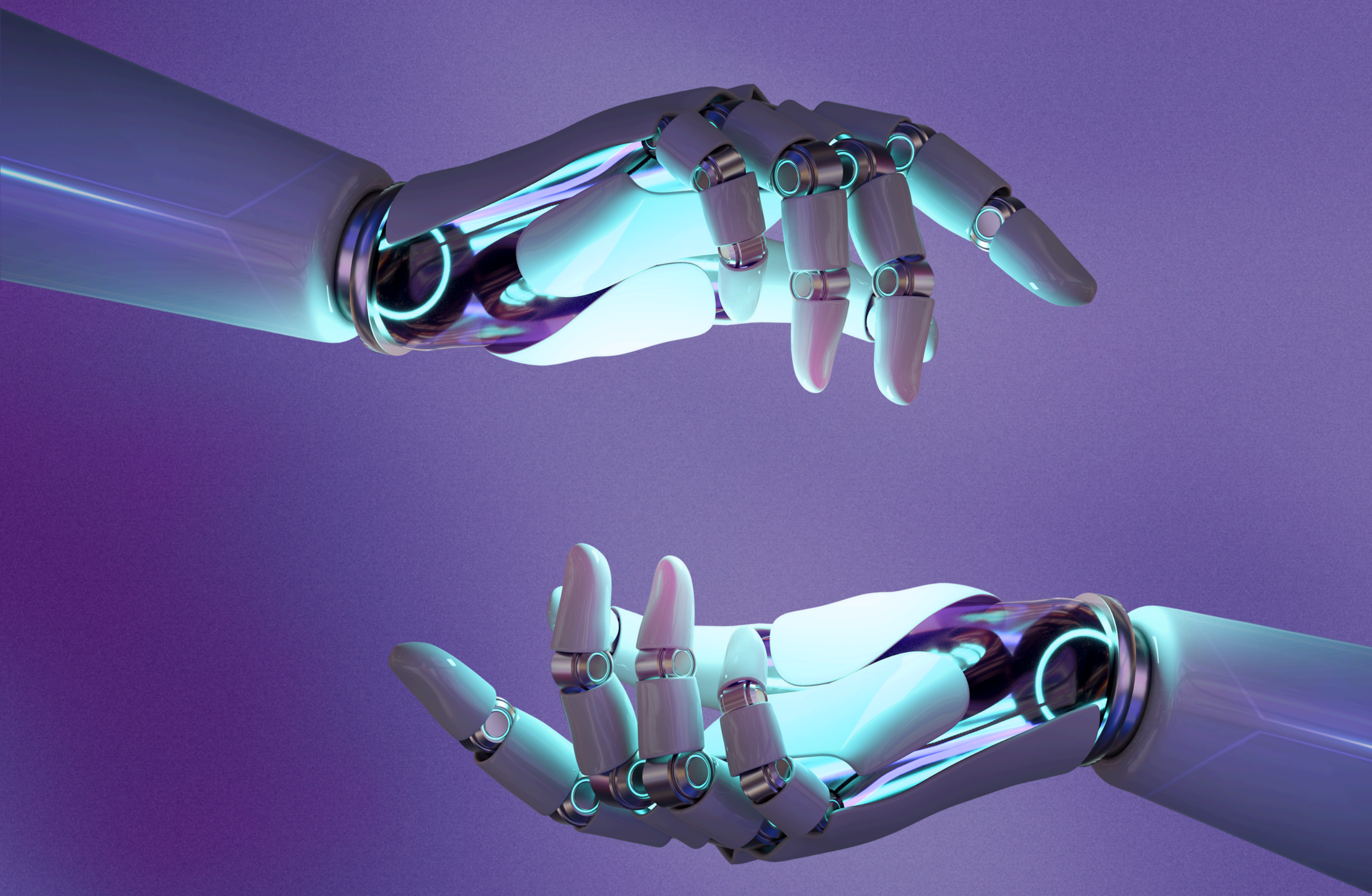
**SOMAIYA**  
**VIDYAVIHAR**

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 2022-23



VOLUME 9 ISSUE 2  
JANUARY TO JUNE 2023





**SOMAIYA**  
**VIDYAVIHAR**

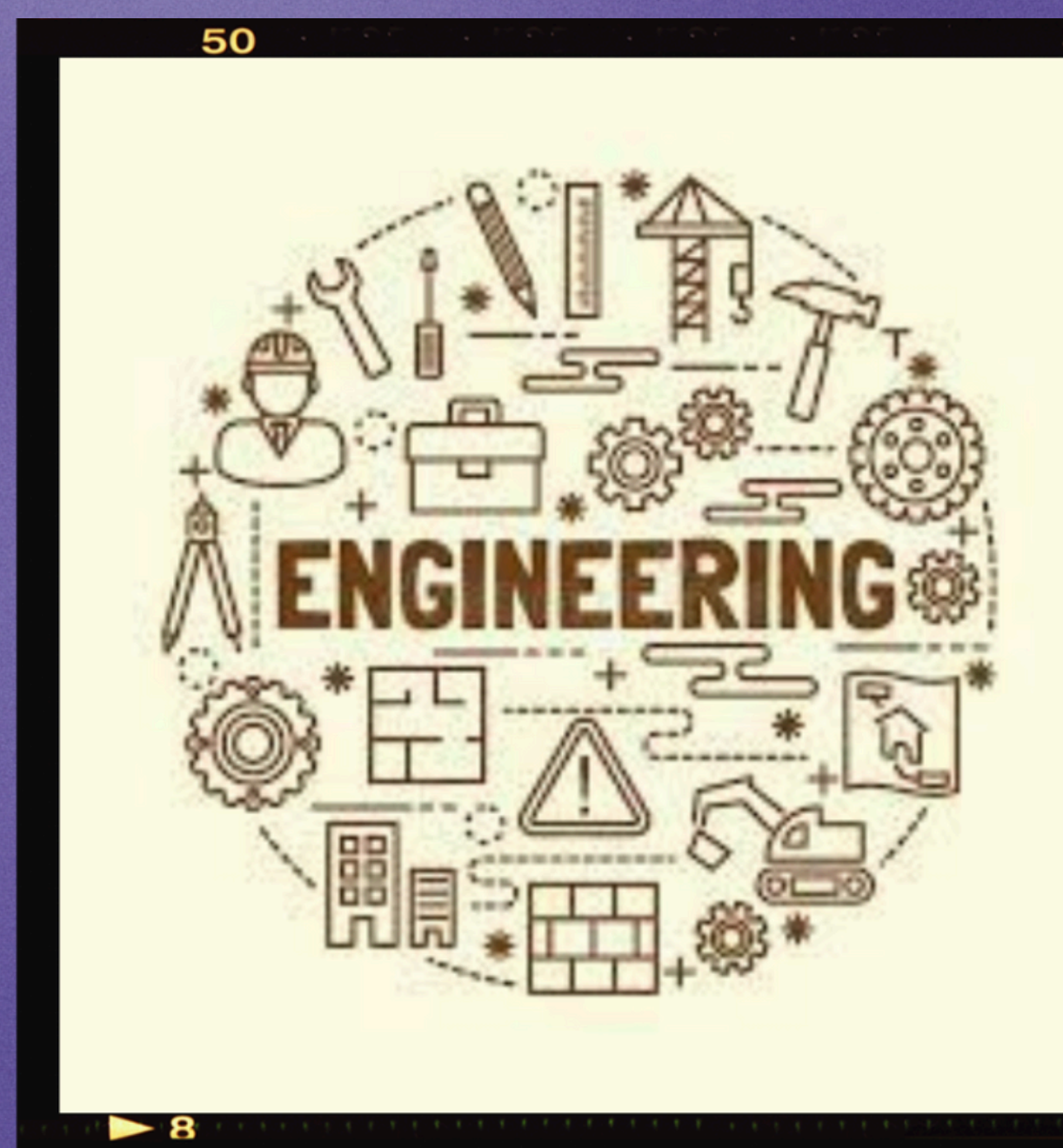
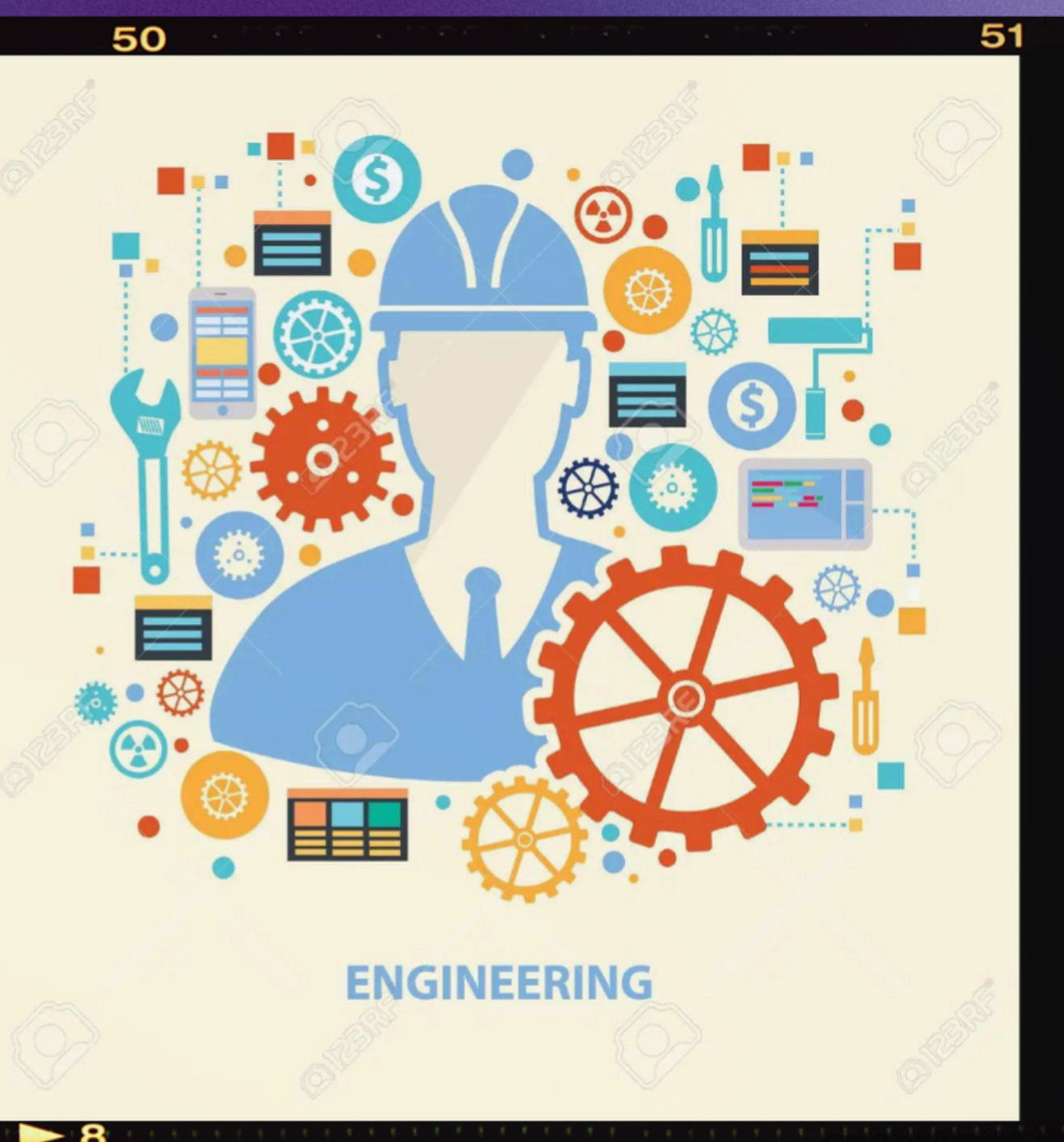
K J Somaiya Institute of Engineering & Information Technology  
An Autonomous Institute affiliated to University of Mumbai  
Accredited by NAAC and NBA, Approved by AICTE, New Delhi

Department of Electronics and Telecommunication Engineering

## 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.







**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

### **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 instill 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

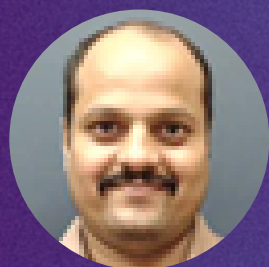




**SOMAIYA**  
**VIDYAVIHAR**

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



Prof.Sandeep Mishra

Prof. Sandeep Mishra invited as a delegates and judge for the event ‘Technovation 2023’ organised by Rajiv Gandhi Institute of Technology, IEEE Bombay section student activity committee.

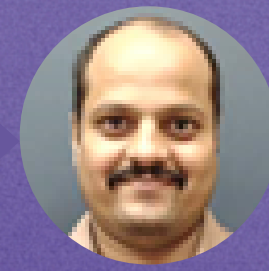


Image Clip of event\_ Technovation 2023



Prof.Pranali Hatode

Prof.Sandeep Mishra



Prof. Sandeep Mishra and Prof. Pranali Hatode organised guest lecture in association with IEEE Cell on ‘Design Thinking and 3D Printing’ on 29/03/2023 with resource person Ms. Ameya Jadhav.

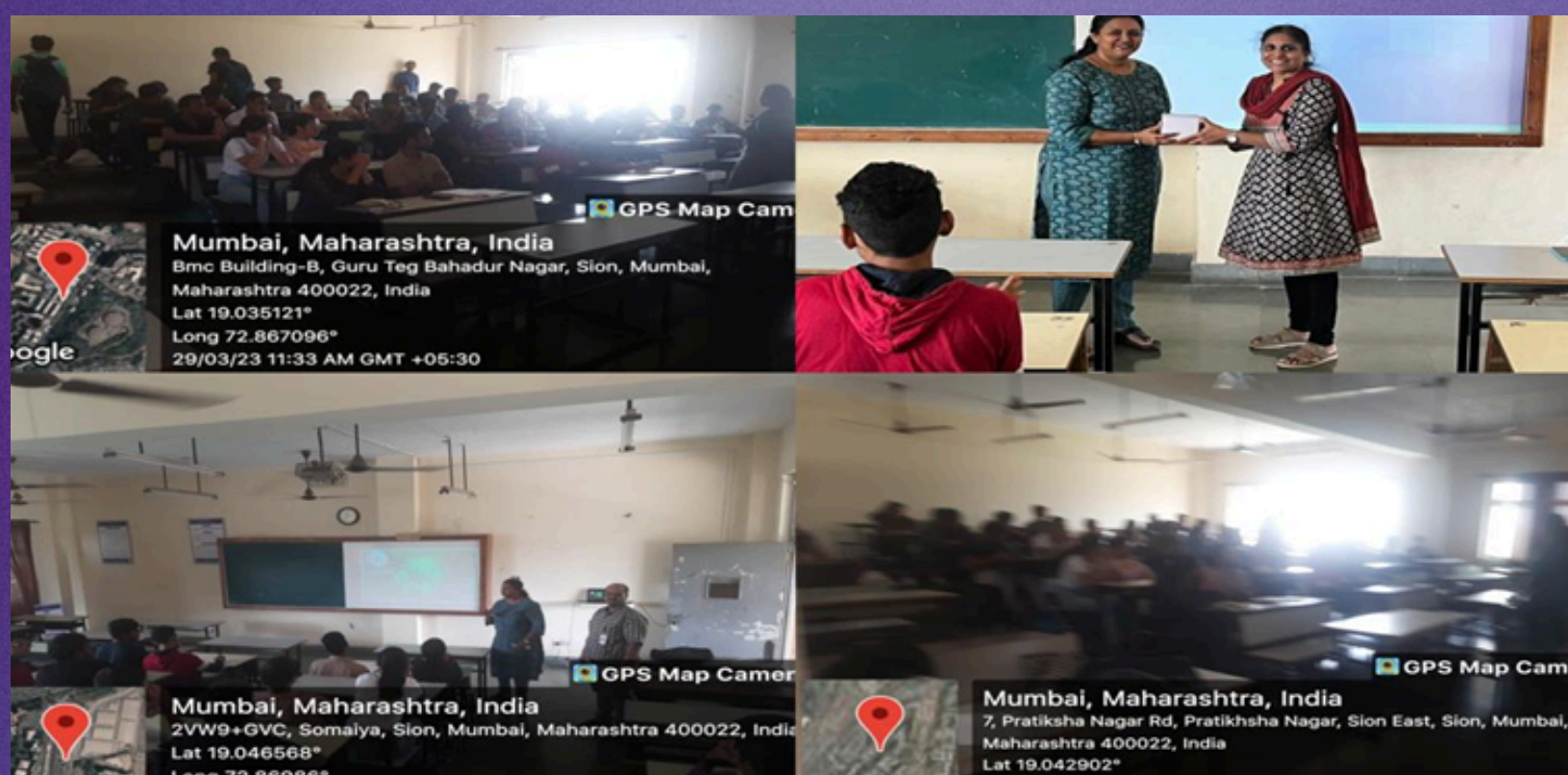


Image Clip of event\_ Design Thinking and 3D Printing



Prof.Pradnya Kamble

Prof. Pradnya Kamble organized guest lecture in association with the Alumni Committee on ‘Building the Next-Generation Networks: 5G, Fiber Optics and Career Path’ with resource person Mr. Dharmin Mehta on 15/04/2023.

Prof.Pradnya Kamble organized guest lecture in association with the Alumni Committee on ‘Trends and Technologies in Enterprise Network and Cyber Security’ with resource person Mr. Punit Joshi on 03/03/2023.





Image Clip of event\_ Trends and Technologies in Enterprise Network and Cyber Security



Prof.Sandhya Deshpande

Prof. Sandhya Deshpande participated in the popular science lecture ‘Bells Theorem’ the most profound discovery of science, organized by Nehru Science Center, Mumbai on 18/01/2023.

Prof. Sandhya Deshpande organised industrial visit in association with COEP cell on ‘National Defense Academic’ with resource person NDA officer at Pune NDA Khadakwasala on 19/03/2023 and 44 students attended the same.



Image Clip of event\_ at Air Force Training Center

Prof. Sandhya Deshpande organised workshop in association with COEP cell on ‘Vulnerabilities in the TCP/IP model’ with resource person Hrithik Maurya on 30/03/2023 and 54 students attended the same.

Prof. Sandhya Deshpande organised industrial visit in association with COEP cell at ‘NPCL,Tarapur Power Plant(Boiser)’ with resource person NPCIL trainee officer on 25/02/2023 and 32 students attended the same.



Image Clip of event\_ IV at NPCL

Prof. Sandhya Deshpande completed 90 hrs. of internship at Nehru Science Center, Mumbai.

Prof. Sandhya Deshpande attended a webinar on ‘Earth Day’ organized by Nehru Science Centre, Mumbai, and Prithvi Innovations on 21/04/2023.



Prof. Sandhya Deshpande selected as a member of assessment committee in the Nehru Science Center, Mumbai and its Satellite units on 14/02/2023.

Prof. Sandhya Deshpande organized internship in association with COEP cell at Nehru planetarium from 31/05/2023 to 11/06/ 2023 for 15 days and 8 students participated for the same.

Prof. Sandhya Deshpande organized internship in association with COEP cell at Central Railways from 29/05/2023 to 17/06/ 2023 for two weeks and 8 students participated for the same.

Prof. Sandhya Deshpande organised internship in association with COEP cell at Nehru science Centre from February 2023 to June 2023 for 90 hrs. and 8 students participated for the same



Image Clip of event\_ Internship at Nehru science Centre



Dr. Sandhya Kadam

Dr. Sandhya Kadam participated in FDP on ‘Green audit and Energy audit’ on 01/04/2023 organised by IoT academy.

Dr. Sandhya Kadam published paper in international Journal of Emerging Technologies and Innovative Research on the topic of ‘Web Application for Sentimental Analysis with NLP’ in May 2023.

Dr. Sandhya Kadam published paper in International Journal for Research in Applied Science & Engineering Technology on the topic of ‘Augmented Reality based Home Decor App’ in May 2023.



Dr. Swati Shinde

Prof. Swati Shinde participated in IP awareness/training program in ‘National intellectual property awareness mission’ on 08/02/2023 organized by Intellectual property office, India.

Prof. Swati Shinde participated in webinar ‘Modeling of optical networks using optiwave software’ on 04/02/2023 organized by K.C. College of Engineering and Management Studies and Research.

Prof. Swati Shinde attended online orientation program on ‘Wireless Network ’ organised by Vidyavardhini College of Engineering, Vasai on 24/01/2023.

Prof. Swati Shinde attended online orientation program on ‘Satellite and Nano Satellite’ organized by Vivekanand Education Society’s Institute of Technology, Mumbai on 06/02/2023.

Prof. Swati Shinde attended online orientation program on ‘Optical Communication and Network’ organised by Terna College of Engineering, Navi Mumbai on 14/01/2023.



Prof. Swati Shinde contributed as a reviewer in International conference on ‘Science technology engineering and mathematics for sustainable development’ organized by Atharva College of Engineering from 16/04/2023 to 17/04/2023.

Prof. Swati Shinde attended FDP on ‘Smart Grid Enabling Technologies for Sustainable Future’ organized by Swami Keshvanand Institute of Technology Management and Gramothan, Jaipur on 14/01/2023.

Prof. Swati Shinde organised workshop on ‘Design Thinking and Innovation Design’ at KJSIT and 63 internal students attended for the same on 14/01/2023.



Image Clip of event\_ Design Thinking and Innovation Design



Dr. Kiran Rathod

Dr.Kiran Rathod presented paper in first International Conference on IPR for Multidisciplinary Research on the topic of ‘Wearable CPW Antenna for WBAN Application’at Badnera, India from 13/05/2023 to 14/05/2023.

Dr.Kiran Rathod presented paper in international conference Wireless, Antenna & Microwave Symposium 2023 on the topic of ‘Design and Development of Geodetic Grade Antenna for GNSS & NavIC Application’at Gandhinagar, India from 07/06/2023 to 10/06/2023.

Dr.Kiran Rathod presented paper in international conference Wireless, Antenna & Microwave Symposium 2023 on the topic of ‘Design and Real Time Application of Cost Efficient Portable Ground Station Antenna at VHF Band’at Gandhinagar, India from 07/06/2023 to 10/06/2023.

Dr. Kiran Rathod presented paper in national conference Information communication & amp, Intelligent Systems NCICIS-2023 on the topic of ‘Challenges In Web Application Design & amp, Development’ at Toc H Institute of Science And Technology Arakkunnam, Ernakulam, Kerala from 23/06/2023 to 24/06/2023.

Dr. Kiran Rathod invited as a reviewer for Wireless, Antenna and Microwave Symposium (WAMS) 2023.



Prof.Prashant Updhyay

Prof.Amit Kukreja



Prof. Prashant Updhyay, Prof. Amit Kukreja attended workshop on ‘Self Balancing Robot Design’ from 17/02/23 to 18/02/23 organized by Indian Institute of Technology, Mumbai.



Prof. Prashant Updhyay and Prof. Amit Kukreja attended e-yantra symposium from 05/04/23 to 06/04/23 organized by Indian Institute of Technology, Mumbai.



Prof. Prashant Updhyay delivered guest lecture on ‘Robotics introduction current trends and ROS’ on 24/03/23 organized by St. Xavier Institute of Engineering, Mumbai.



Image Clip of event\_ Robotics introduction current trends and ROS



Prof. Priya Hankare presented paper on ‘Effect of Mesh Elements and Hyperparameter over 2- Dimensional Electrical Impedance Tomography Model’ in 2023 Fifth IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023) India from 22/02/2023 to 24/02/2023



Prof. Prashant Updhyay, Prof. Matrand Jha organised industrial visit along with students Mr. Aditya Kulkarni, Mr. Sachin Shajikumar at ‘Agricultural Development Trusts, Krishi Vigyan Kendra, Baramati on 31/04/2023.



Image Clip of the industrial visit



## Student Achievements



Image Clip of event\_ Squash Tournament 2023

Mr. Akash Gupta secured second rank in Squash, organized by Indian Institute of Bombay from 23/03/2023 to 26/03/2023.



Image Clip of event\_ Squash Tournament at IITB



Image Clip of event\_ Best Physique competition 2023

Mr. Ambaji Bodekar represented Mumbai city zone in the inter zonal ‘Best Physique’ competition organized by S.S.T. College, Ulhasnagar on 16/01/2023.

Mr. Ambaji Bodekar secured third rank in the Navodit Mumbai Shree district body building championship in 65 kg. weight category organized by ‘Greater Bombay Body Builders Association’ held at Prabhadevi, Mumbai on 07/01/2023.



Image Clip of event\_ Navodit Mumbai Shree district body building championship



Mr. Jay Manek, Mr. Ashwin Kayampurath, Mr. Ayush Kanak, Mr. Laxman Dewasi, Mr. Teertharaj Haldar, Mr. Shubham Kulkarni, Mr. Devang Phodnekar from KJSIT football team secured first place in both ICTSPORTSAGA and Vanquish tournaments organized by Institute of Chemical Technology and K.J.Somaiya Medical College respectively which was held from 27/03/2023 to 30/03/2023 and 01/04/2023 to 02/04/2023.



Image Clip of event\_ ICTSPORTSAGA and Vanquish tournaments.