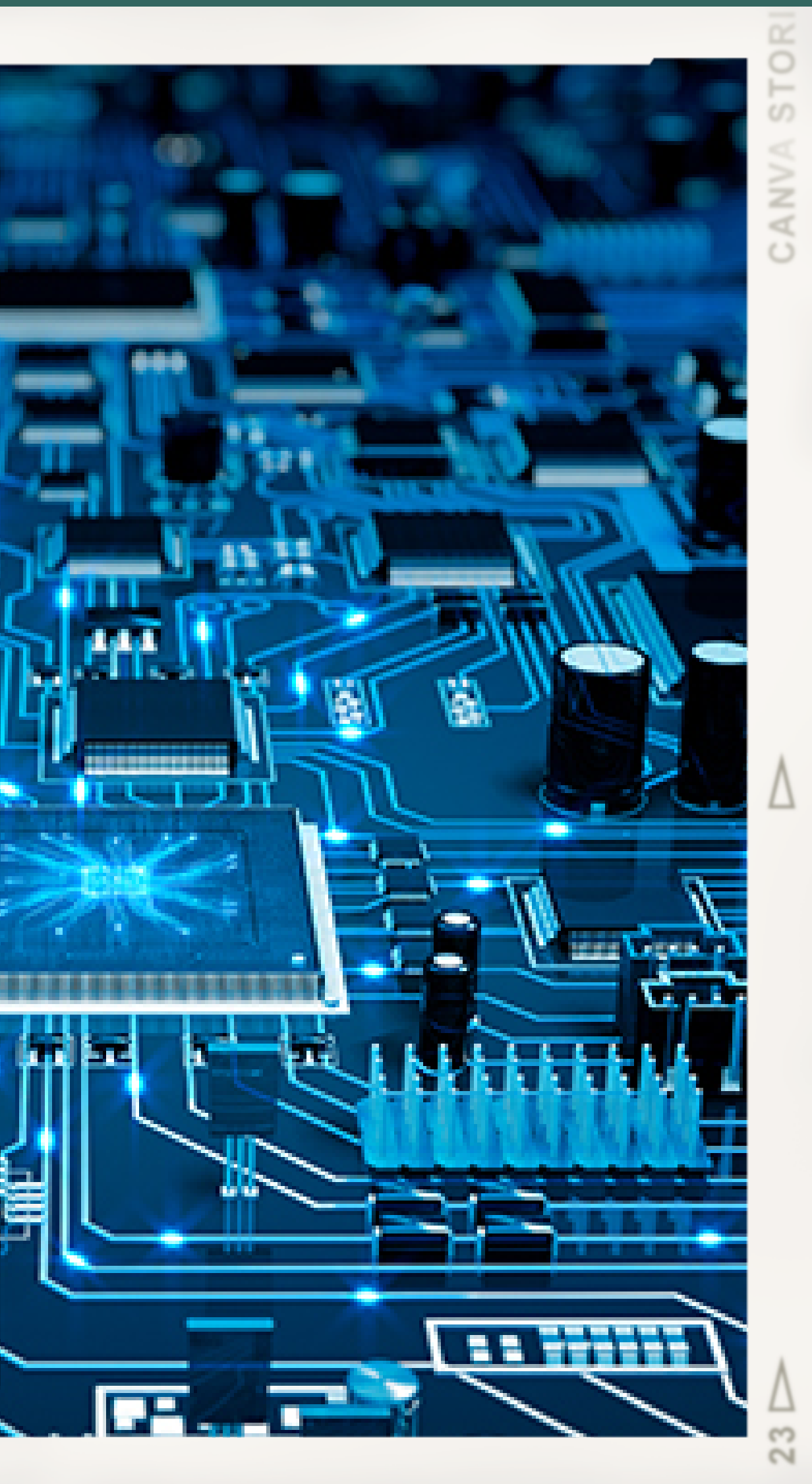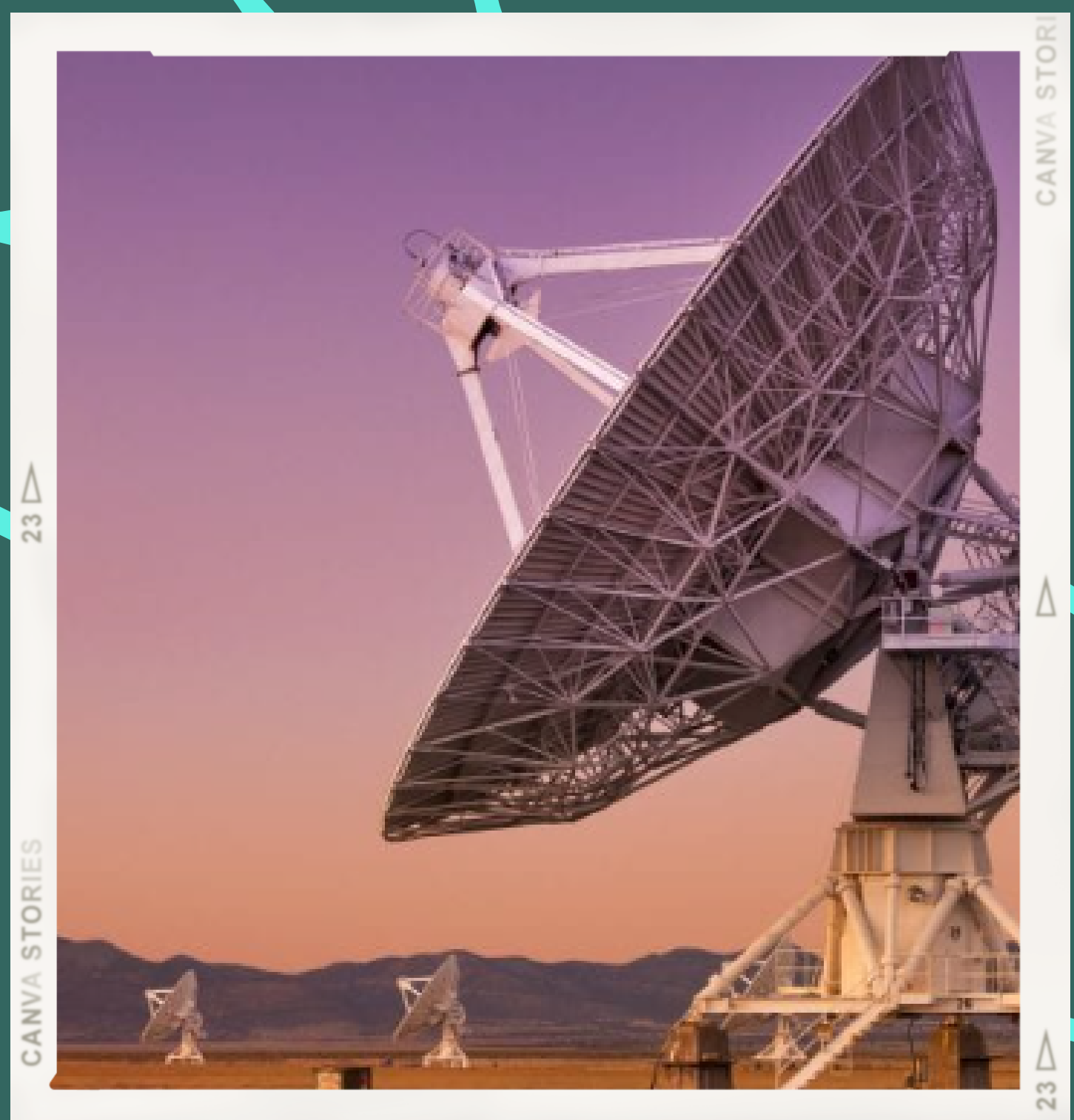Department of Electronics and Telecommunication Engineering

ABHIYANTRIKI

Departmental Bi Annual Newsletter 2022-23

Volume -09 Issue 01
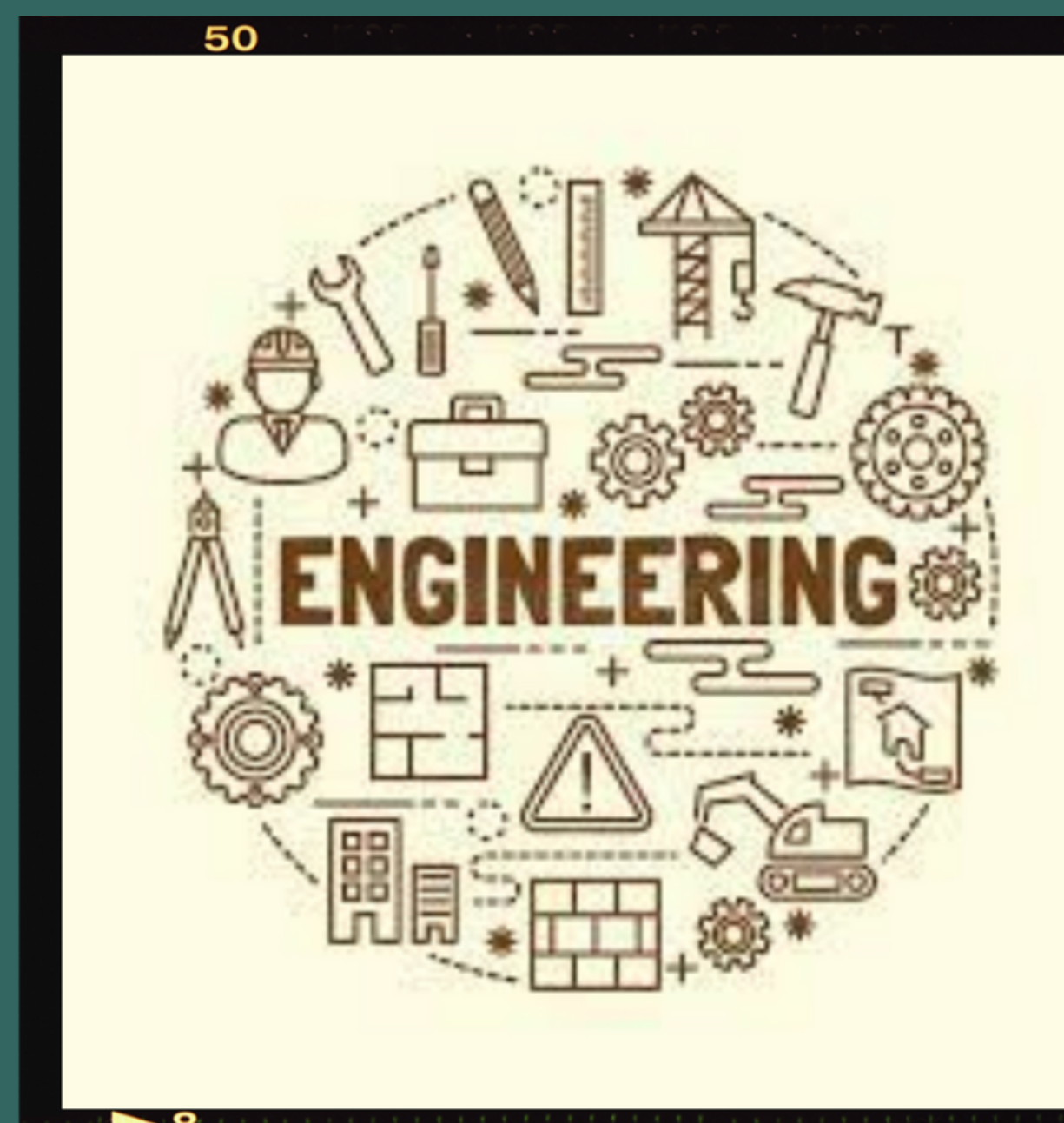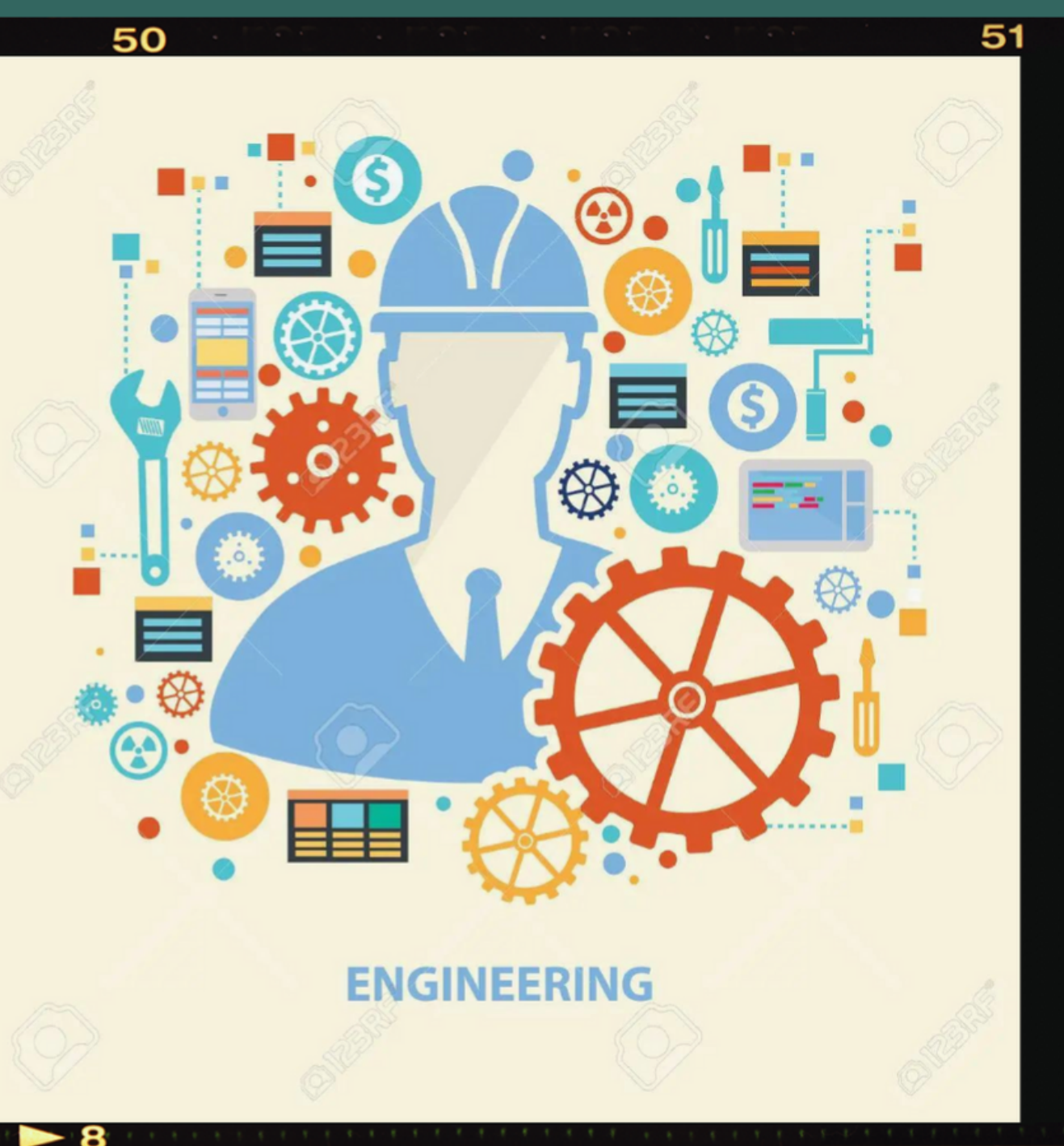July to December 2022-23

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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.

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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 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.

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FACULTY ACHIEVEMENTS

Prof. Swati Shinde

- Prof. Swati Shinde participated in webinar titled 'Broadcasting and its latest trends' organized by Continuing Education Program, KPR Institute of Engineering and Technology, Coimbatore on 29/10/2022.
- Prof. Swati Shinde attended orientation program on 'Mobile Communication System' organized by Vidyavardhini, Vasai on 14/07/2022.
- Prof. Swati Shinde attended orientation program on '5G Technology' organized by Pillai, Panvel on 16/07/2022.
- Prof. Swati Shinde visited 'Krishi Vidnyan Kendra', Dahanu for field project on 22/10/2022.
- Prof. Swati Shinde attended orientation program on 'Internet Communication Engineering' organized by SIES, Nerul on 15/07/2022.

Image Clip of event_ Bee-Hives and Fish Farming

- Prof. Swati Shinde organized industrial visit on 'Krishi Vidnyan Kendra', Dahanu with resource person Mr. Uttam Shahane (M.Sc. Agriculture)on 10/08/2022 and 04 students attended the same.

Prof. Kiran Rathod

- Dr. Kiran Rathod organized a guest lecture on 'Role of Impedance Matching for RF Engineer and its Application' with resource person Dr. Vineet Kumar Dongare on 22/10/2022 and 98 students attended the same.

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- Dr. Kiran Rathod invited as an expert reviewer to review the technical papers submitted by the authors to WAMS 2023 organized by Pandit Deendayal Energy University, Gandhinagar, Gujarat.
- Dr. Kiran Rathod presented paper on 'Care Design of J Pole Antenna for GPS based Radiosonde Receiver Station' organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.

Prof. Pranali Hatode & Prof. Sandeep Mishra

Image Clip of event_ Smoke Screen

- Prof. Sandeep Mishra and Prof. Pranali Hatode organized student development competition on 'Smoke Screen'in association with IEEE-KJSIEIT & EXTC on 03/08/2022 and 49 students attended the same.
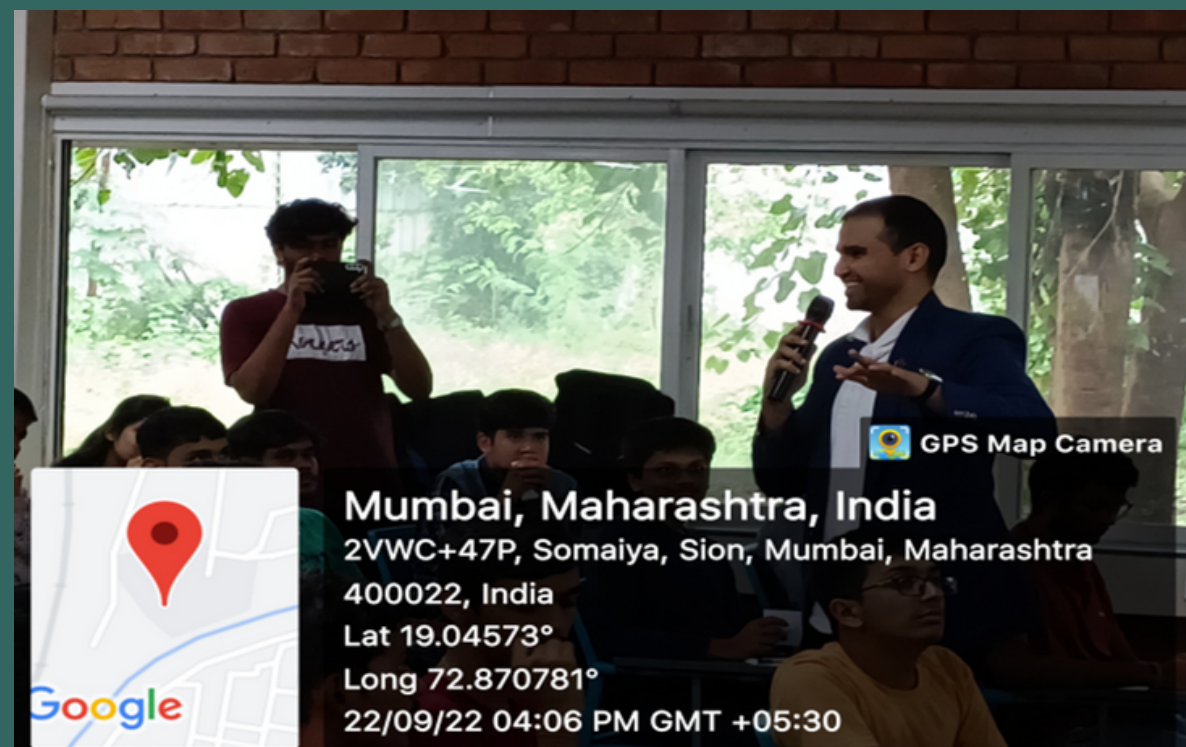

Image Clip of event_ Benefits of IEEE membership for students

- Prof. Sandeep Mishra and Prof. Pranali Hatode organized student development program on 'Benefits of IEEE membership for students' in association with IEEE-KJSIEIT & EXTC with resource person Prof. Dattatray. S. Sawant Chair, Membership Development Committee, IEEE Bombay Section on 05/08/2022 and 176 students attended the same

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Image Clip of event_ Study abroad 101

- Prof. Sandeep Mishra and Prof. Pranali Hatode organized seminar on 'Study abroad 101' on 22/09/2022 in association with IEEE-KJSIEIT & EXTC and 82 students attended the same.
- Prof. Sandeep Mishra and Prof. Pranali Hatode organized seminar on 'Career after B Tech' on 03/10/2022 in association with IEEE-KJSIEIT & EXTC and 150 students attended the same.

Image Clip of event_ Team Building

- Prof. Sandeep Mishra and Prof. Pranali Hatode organized induction program on 'Team Building' in association with IEEE-KJSIEIT & EXTC for DSY students on 10/12/2022.
- Prof. Sandeep Mishra contributed as a reviewer of papers for the 4th IEEE Bombay Section Signature Conference 2022 organized by SVKM's NMIMS MPSTME, Mumbai.
- Prof. Pranali Hatode presented paper on 'Machine learning & deep learning algorithm reviews for diabetic retinopathy detection', organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.

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Prof. Prasant Upadhyay &

Prof. Martand Jha

Image Clip of event_ Honeybee Farming

- Prof. Prashant Upadhyay and Prof. Martand Jha organized industrial visit on 'Krishi Vidnyan Kendra', Dahanu with resource person Mr. Uttam Shahane (M.Sc. Agriculture)on 20/07/2022 and 04 students attended the same.
- Prof. Prashant Upadhyay organized webinar on 'Motivational Expert session by Alumni' with resource person Mr. Nishan Poojary, Mr. Prathamesh Pokhare on 12/08/2022 and 80 students attended the same.
- Prof. Prashant Upadhyay organized industrial visit on 'Automation India Expo' with resource person IED Communications Ltd from 18/08/2022 to 19/08/2022 and 04 students attended the same.
- Prof. Martand Jha organized internship at 'National Peroxide Limited' with resource person Mr.Avdhut Patil and Mr. Vasantfrom 08/08/2022 to 12/08/2022 and 04 students attended the same.
- Prof. Prashant Upadhyay attended webinar on 'Technical Session on Basics of Self Balancing Robot' organized by e-Yantra IIT Bombay on 09/08/2022.

Prof. Sunil Patil

- Prof. Sunil Patil presented paper on 'WiFi Deauth and Cloning using ESP8266', organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.

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Dr. Jayashree Khanapuri

- Dr. Jayshree Khanapuri and Dr. Kiran Rathod invited as an expert reviewer to review the technical papers submitted by the authors at 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.
- Dr. Jayshree Khanapuri contributed as a reviewer of papers for the 4th IEEE Bombay Section Signature Conference 2022 organized by SVKM's NMIMS MPSTME, Mumbai.
- Dr. Jayshree Khanapuri contributed as a reviewer at the 7th International Conference on Computer Vision and Image processing (CVIP 2022) endorsed by IAPR organized by VNIT, Nagpur.
- Dr. Jayshree Khanapuri presented paper on 'Bone Age Estimation System Using Deep Learning' organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.
- Dr. Jayshree Khanapuri and Prof. Tilottama Dhake presented paper on 'A Modern Approach to Conventional Silk Farming' organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.
- Dr. Jayshree Khanapuri completed FDP on 'Cryptography and Network Secutity' organized by NPTEL-AICTE from the duration of July to Octber 2022.

Prof. Harshwardhan Ahire

- Prof. Harshwardhan Ahire organized webinar on 'Energy Audit for Green Business Startup' in association with NISP-KJSIEIT & EXTC with resource person Dr. Yogesh Pahariya on 30/07/2022 and 37 students attended the same.
- Prof. Harshwardhan Ahire organized webinar on 'Futuristic view of startup for AI based agriculture applications' in association with NISP-KJSIEIT & EXTC with resource person Dr. Nilima Zade on 02/08/2022 and 45 students attended the same.

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Prof. Rupali Satpute

- Prof. Rupali Satpute organized webinar on 'Design Thinking' in association with IIC-KJSIEIT & EXTC with resource person Dr. Pooja Raundale on 14/07/2022 and 50 students attended the same.

Image Clip of event_ How to start the startup-Mentoring Session

- Prof. Rupali Satpute organized webinar on 'How to start the startup-Mentoring Session' in association with IIC-KJSIEIT & EXTC with resource person Mr.Abhishek Jakkannavar on 27/08/2022.

Prof. Pradnya Kamble

- Prof. Pradnya Kamble presented paper on 'A Smart IOT and Cloud Based Food Monitoring System-Review' organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.
- Prof. Pradnya Kamble presented paper on '6G Wireless Networks: Vision, Requirements, Applications and Challenges' organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022
- Dr. Kiran Rathod, Prof. Pradnya Kamble, Prof. Pranali Hatode, Prof. Rashmi Adatkar, Prof. Rupali Kadu, Prof. Sagar Mhatre, Prof. Swati Shinde attended one week STTP on 'Quantum Computing' organized by KJSIEIT from 12/12/2022 to 17/12/2022.

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Prof. Sandhya Deshpande

- Prof. Sandhya Deshpande organized internship titled 'COEP's Cell 20th Summer Internship' in association with COEP cell and EXTC at Central Railways from June 2022 to July 2022 and 03 students attended the same.
- Prof. Sandhya Deshpande initiated internship in association with COEP cell and EXTC at 'Securities and Exchange Board of India, Ltd' and 06 passout students applied for the same.

Image Clip of event_ Internship at Nehru Science Center

- Prof. Sandhya Deshpande organized internship titled 'Science Communicator' at Nehru Science Center from June 2022 to July 2022 and 06 students attended the same.

Prof. Tilottama Dhake

Image Clip of event_ Project Development with AWS

- Prof. Tilottama Dhake organized seminar on 'Project Development with AWS' on 23/09/22 with resource person Akshay Vichhi, DevOps Engineer, Applied Cloud Computing Mumbai and 61 students attended the same.

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- Prof. Tilottama Dhake and Dr. Namrata Ansari presented paper on 'A survey on dental disease detection based on deep learning algorithm performance using various radiographs' organized by 5th International Conference on Advances in Science and Technology, KJSIEIT IEEE-ICAST 2022.
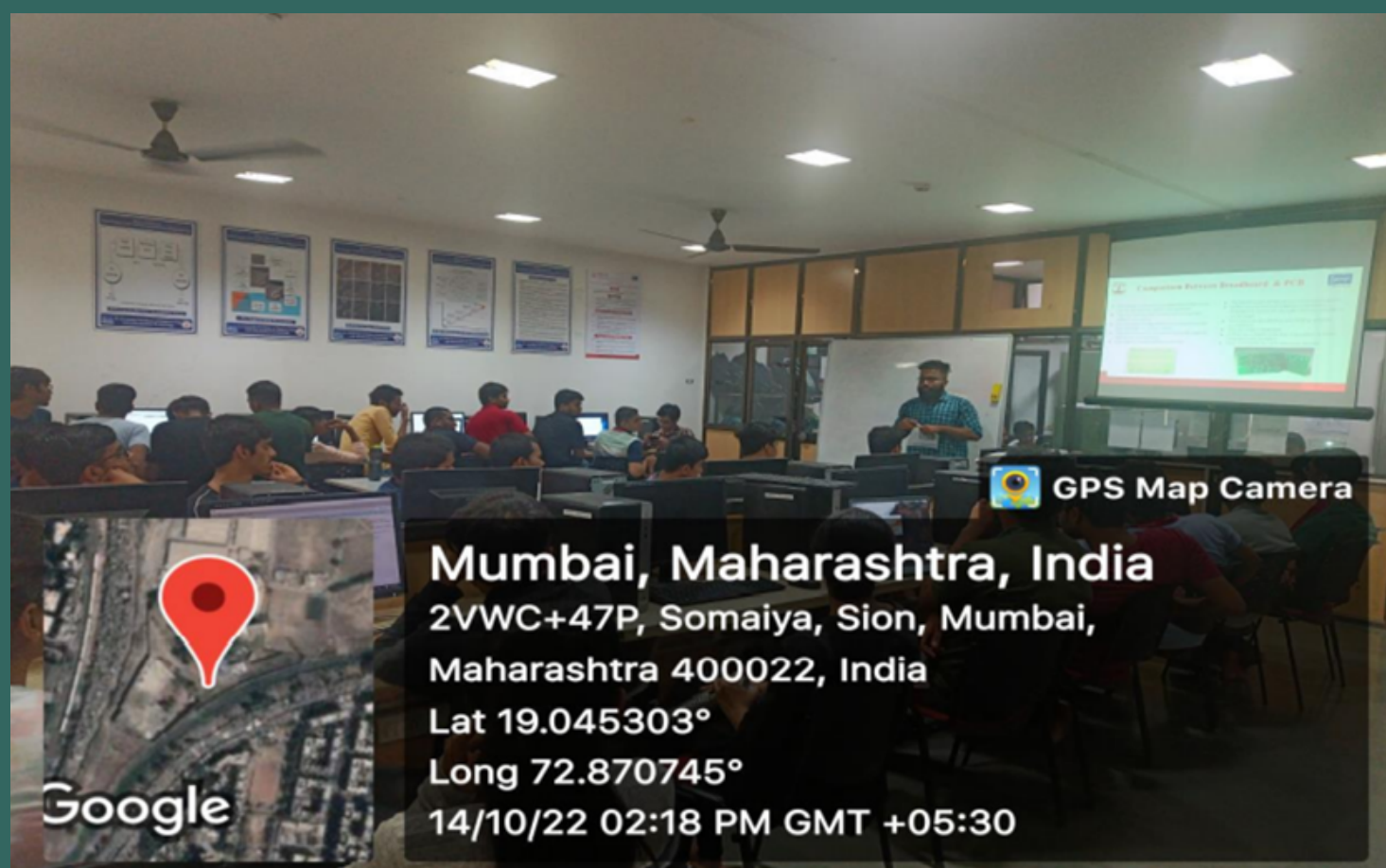

Image Clip of event_ Hands on training on PCB design

- Prof. Tilottama Dhake organized workshop titled 'Hands on training on PCB design' on 14/10/22 with resource person Omkar Pachadkar and 38 students attended the same.

Prof. Sagar Mhatre

- Prof. Sagar Mhatre invited as a Judge at Techexcellance- Technical Poster Presentation Competition on Anniversary of IETE Mumbai, on 09/09/2022 organized by the Department of Electronics and Telecommunication Engineering in collaboration with IETE-SAKEC.

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STUDENT'S ACHEIVEMENT

Image Clip of event_ AIMMAF Open National MMA Championship 2022

- Ms. Qainat Sheikh from second year won gold medal in the AIMMAF Open National MMA Championship 2022 organized by All India Mixed Martial Art Federation from 16/07/2022 to 19/07/2022 at Pragati Maidan, New Delhi.

Image Clip of event_ IBM Hack Challenge 2022

- Group of students Pranav Singh, Kunal Thakkar, Vedant Tadla from third year won IBM Hack Challenge 2022 prize worth ₹1 lakh, and they got the privilege to visit IBM Bengaluru on 17/11/2022 to attend panel discussion and felicitation for the same. The Hack Challenge was organized at a national level with over 20,000+ participants out of which they emerged as one of the top winning teams.

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Image Clip of event_ Navodeet Powai Shri 2022

- Mr. Ambaji Bodekar received 2nd prize in body building organized by Navodeet Powai Shri 2022.

Department of Electronics and Telecommunication Engineering

EDITORIAL TEAM:

Dr. Jayashree Khanapuri

Prof. Rupali Kadu

Pratham Kankariya (TY)

Nehal Panchal (TY)