



Marathwada Mitra Mandal's

College of Engineering

AICTE Approved | Affiliated to Savitribai Phule Pune University

NAAC accredited with 'A++' Grade | NBA accredited

An Autonomous Institute

Department of Electronics & Telecommunications Engineering *Presents*

Impulse



VOLUME XI | ISSUE 2 | JULY 2026



Table of content

		Page no.
01	Message from HoD	01
02	Vision & Mission	02
03	Workshops	03
04	Guest Lectures	04
05	Activities Organized by the department	05
06	Community Services	08
07	Parent-teacher meet	10
08	List of toppers	11
09	Farewell function	12
10	Student Achievements	13
11	Hall of excellence	16
12	Industrial visits	21

Table of content

		Page no.
13	Industry sponsored projects	23
14	List of patents and papers	25
15	Faculty awards and recognition	27
16	Placement activities	29

FROM THE DESK OF THE HEAD OF DEPARTMENT

HOD'S ADDRESS: CELEBRATING
GROWTH AND ACHIEVEMENTS



| Dr. A. S. Bhatlawande (Solanke)

Head of Department

Electronics & Telecommunication Engineering

It gives me great pleasure to present the latest issue of the Department of Electronics and Telecommunication Engineering Newsletter. This edition highlights the vibrant spirit of our department, capturing the diverse activities, remarkable achievements, and innovative endeavors of both our students and faculty.

Our students continue to excel through active participation in technical competitions, workshops, research projects, community-driven initiatives and extra curricular activities. Their enthusiasm for learning and their ability to embrace new technologies truly reflect the dynamic nature of our field. Alongside them, our dedicated faculty members remain committed to academic excellence, impactful research, and continuous professional development. Their contributions—whether through publications, patents, consultancy, or mentorship—continue to strengthen the department's academic foundation.

This newsletter also showcases the various events organized throughout the semester, including expert talks, industrial visits, hands-on training sessions, and skill-building programs. Each of these initiatives plays a vital role in nurturing an environment of innovation and preparing our students for promising careers. The section on placements stands as a testament to our students' hard work and the department's strong industry connect.

I extend my sincere appreciation to the editorial team, faculty coordinators, and student volunteers for their dedicated efforts in bringing this edition to life. I am confident that this newsletter will serve as an inspiration for continued progress and collective growth. Let us move forward with renewed enthusiasm, embracing creativity, collaboration, and excellence in everything we do.

Our Guiding Principles

Vision and Mission of the Department of Electronics & Telecommunication Engineering

Vision:

To cultivate globally competent Electronics and Telecommunication Engineers for developing sustainable solutions

Mission:

M1: To empower students with foundational and emerging technologies in Electronics and Telecommunication Engineering, fostering global competencies

M2: To foster research and collaborative learning ecosystem that encourages entrepreneurship, sustainable development and societal well-being

M3: To inculcate ethical values, leadership, adaptability, and a lifelong learnability in a diverse, global engineering

Program Educational Objectives (PEOs)

PEO1: Graduates will excel in their professional careers by applying cutting-edge technologies in Electronics and Telecommunication Engineering

PEO2: Graduates will be globally aware, adaptive, and capable of solving real-world problems through multidisciplinary and innovative thinking.

PEO3: Graduates will evolve into professionals with strong communication, teamwork, leadership, and ethical decision-making capabilities with societal and environmental awareness

Program Specific Outcomes (PSOs):

Graduates of the program will be able to,

- **PSO1:** Design and develop Embedded systems to provide solutions in the field of Electronics and Telecommunication Engineering.
- **PSO2:** Apply and analyze Communication Engineering fundamentals in the field of wired and wireless communications and networking.
- **PSO3:** Apply cutting-edge technology in multidisciplinary fields.

Workshops organized by the Department

Hands-On Learning Experiences for Emerging Engineers

	Title of the Workshop	Name of coordinator	Date	Duration	Target participants	Beneficiary Count
1	Capability Enhancement program on Advanced Power Electronics	Dr. J M Bakliwal Mr A G Dakre Ms M L Deorankar Dr A B Kanwade	09/01/26 to 14/01/26	6	Polytechnic Students/UG and PG Engineering Students	30
2	Power Converters using MATLAB-Simulink	Mr. S.D. Pasalkar , Mr. V.K. Sambhar	12/01/2026 to 17/01/2026	5	Faculty members participated from across India	117
3	SPPU Start up Talk series	Dr. J.M.Bakliwal	10/02/2026 to 27/02/2026	2	All Students of MMCOE	300
4	EICO Workshop:Entre and Inn as a career opportunity	Dr. J.M.Bakliwal	26/09/2025 to 11/10/2025	3	All Students of MMCOE	70
5	Student Development Program (SDP) on UAV Modeling, Simulation, and Point Cloud-Based Site Mapping using MATLAB & Simulink	Mr. S.D. Pasalkar , Mr. V.K. Sambhar	1/4/2026 to 3/4/2026	3	Drone Club Students of MMCOE	25

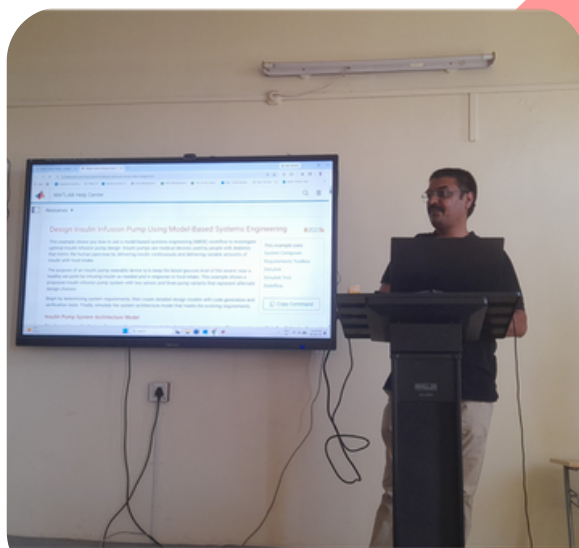
Guest Lectures organized by the Department

Insights from Industry Leaders & Visionary Technologists

01 Recent Trends and Opportunities in Ethical Hacking

A guest lecture on “Recent Trends and Opportunities in Ethical Hacking” was organized on 17th March 2026 for Third Year students. The session was coordinated by **Dr. A. B. Kanwade** and **Dr. N. N. Thune** and delivered by **Mr. Siddheshwar Bhagbande**. A total of **58** students attended the lecture.

The expert discussed **networking fundamentals, cybersecurity trends, and career opportunities in ethical hacking**. He also introduced industry-recognized certifications such as CCNA Wireless. The session enhanced students' knowledge of network security, cryptography, and their applications in Embedded Systems, Robotics, and IoT.



Simulation of Power Electronics Application

02

An expert session on “Simulation of Power Electronics Application” was organized on 6th April 2026 for Third Year Electronics and Telecommunication Engineering students. The session was coordinated by **Dr. J. M. Bakliwal** and **Ms. M. L. Derorankar** and delivered by **Mr. Kunal Khandelwal**. A total of **75** students attended the session.

The speaker shared practical insights into the simulation, analysis, and design of power electronic circuits using modern simulation tools. The session helped students understand the practical aspects of power electronics and bridged the gap between theoretical concepts and real-world applications.

Activities organized by the Department

Hands-On Learning Experiences for Emerging Engineers

Toycathon 2026

A National Level STEM Education Hackathon

The Department of **Electronics & Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering (MMCOE)**, Karvenagar, in association with the student association **BETA** and the Institution of Electronics and Telecommunication Engineers (**IETE**), successfully organized Toycathon 2026, a flagship technical innovation competition aimed at fostering creativity, innovation and practical problem-solving skills among engineering students.

Conducted over a period of three months, beginning in January 2026, the event attracted **150 teams comprising 750 students** from various institutions.

The shortlisted teams advanced to the Online PPT Evaluation Round, conducted on 20 and 21 March 2026. Following a comprehensive evaluation by an expert panel, the results were declared on 22 March 2026, with 25 teams qualifying for the Grand Finale.

The 24-Hour Grand Finale, held on 27–28 March 2026 in offline mode, challenged finalists to convert their concepts into functional prototypes within a limited time.

The event tested participants technical knowledge, innovation, teamwork, and time management while encouraging hands-on engineering and rapid problem-solving.

To recognize outstanding performances, a total prize pool was awarded:

- First Prize: ₹10,000
- Second Prize: ₹7,000
- Third Prize: ₹5,000

In addition to the cash prizes, internship opportunities were offered to five selected teams, while the next five teams received STEM kits in recognition of their innovative efforts.

The event was graced by distinguished industry leaders as Chief Guests:

- Mr. Prashant Joglekar, Director – Defense, Electronics, Higher Education & Skill Development, MCCIA.
- Mr. Manoj Patil, Managing Director, India Center Head & Vice President of Engineering.



Activities organized by the Department

Hands-On Learning Experiences for Emerging Engineers

National Level Project Competition- 2K26

Institution of Electronics and Telecommunication Engineers (IETE)

The Department of Electronics and Telecommunication Engineering, Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune, in association with the **Institution of Electronics and Telecommunication Engineers (IETE)**, Pune Centre, successfully organized the National Level Project Competition (NLPC-2026) on **April 7, 2026**.

The competition aimed to strengthen **Project-Based Learning (PBL)** by encouraging students to develop innovative solutions using emerging technologies such as **IoT, Artificial Intelligence, and Embedded Systems**. The event provided a valuable platform for students to showcase their technical skills, creativity, and problem-solving abilities while addressing real-world and societal challenges.

A total of **250+ students** from various engineering institutes actively participated in the competition. Participants represented institutions from outside Maharashtra, including Chennai and Hyderabad, as well as from cities within Maharashtra such as Ahilyanagar, Nashik, and Pune. Students from the host institute, MMCOE, also participated enthusiastically. Overall, 78 project groups presented their innovative projects during the competition. The **Inaugural Ceremony** was held at the **IMERT Hall** under the aegis of the Institution of Electronics and Telecommunication

Engineers (IETE), Pune, in association with the Department of Electronics and Telecommunication Engineering, MMCOE, Pune. The event was graced by the presence of **Dr. Sachin Sakhare, Principal**; **Mrs. Swati N. Deshmukh, Vice Principal**; and **Dr. A. S. Bhatlawande, Head of Department (E&TC)**.

Guests from the IETE Pune Centre included **Dr. Jatinderkumar R. Saini** and **Prof. Sagar S. Vanarase**. The dignitaries highlighted the importance of innovation, practical learning, and industry-oriented project development, encouraging students to transform their ideas into impactful real-world solutions.



Activities organized by the Department

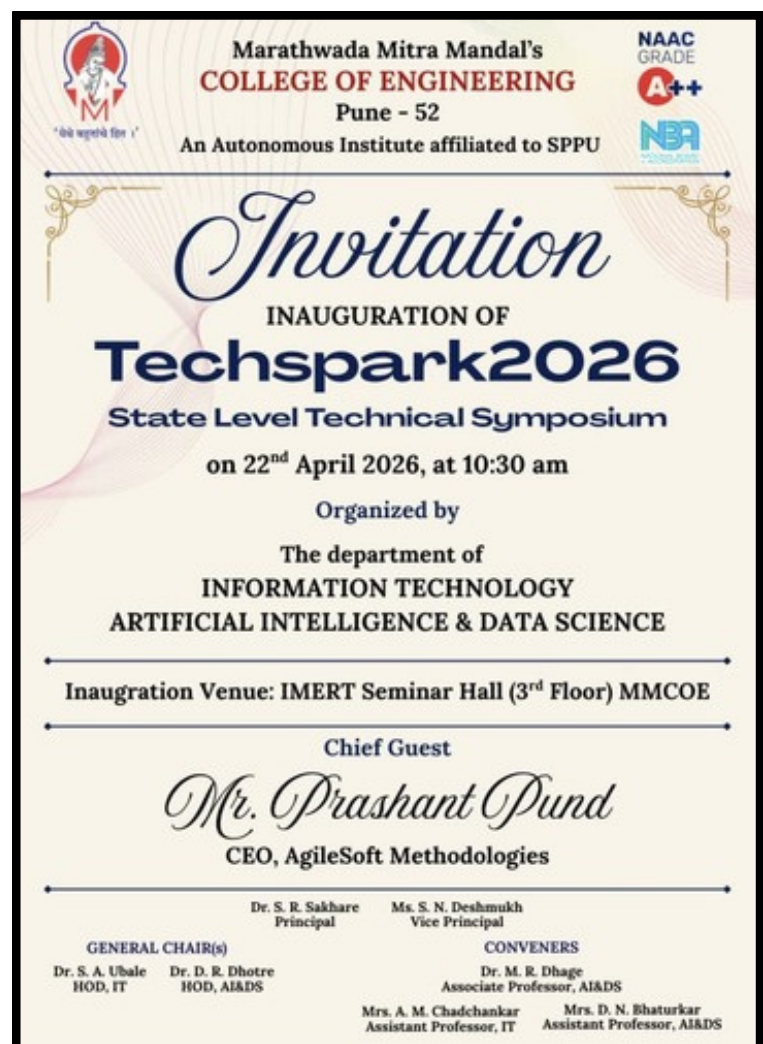
Hands-On Learning Experiences for Emerging Engineers

Techspark Symposium 26

Techspark2026 was organized as a State Level Technical Symposium by the Department of Information Technology and the Department of Artificial Intelligence & Data Science, Marathwada Mitra Mandal's College of Engineering (MMCOE), Pune-52. The symposium was inaugurated on 22 April 2026 at 10:30 AM at the IMERT Seminar Hall (3rd Floor), MMCOE.

The event brought together academic leaders, faculty members, reviewers, session chairpersons, students and technical participants in an environment focused on technical learning, knowledge sharing and academic interaction. The inauguration provided an appropriate beginning to the symposium and highlighted the institution's commitment to contemporary technology and professional development.

Special appreciation is extended to all the reviewers as given Dr. Jitendra M. Bakliwal, Ms. Sampada S. Tavse, Ms. Harshada N. Burande, Dr. Neeta N. Thune, Dr. S. J. Koparde, Prof. A. G. Dakre, Prof. Deepali Potdar, Prof. Chetana Patil, Prof. M. L. Devrankar, Prof. S. D. Pasalkar, Dr. V. M. Sardeshmukh and Prof. V. K. Sambhar for their valuable academic inputs and constructive support. Their constant motivation and insightful suggestions played a crucial role in making the symposium a meaningful and successful academic event.



Community Services done by Department

Empowering Society Through Technical Knowledge and Social Responsibility

Technosocial Activity

The **BETA** Student Association organized a techno-social activity at **Samrat Ashok Vidyamandir** on **23rd February 2026** under the guidance of **Ms. H. N. Burande** and **Ms. S. S. Tavse**. The activity was conducted for students of **5th, 7th, and 8th standards** with the objective of spreading awareness about electronics, science, and engineering among young learners, particularly students from underprivileged backgrounds.

The program began with an introduction to engineering and the opportunities available in the field of technology. Students were then introduced to the basics of Electronics and Telecommunication Engineering and its applications in everyday life. To make learning engaging and interactive, several demonstrations were conducted, including experiments on electromagnets and electric bells, reflection and refraction of light, sound waves, and LED blinking circuits. These demonstrations helped students understand scientific concepts through practical observation and real-life examples.

The activity witnessed enthusiastic participation from the students, who actively observed the experiments, asked questions, and interacted with the volunteers. The hands-on demonstrations sparked curiosity and encouraged scientific thinking among the participants. Overall, the initiative successfully promoted awareness of science and technology while inspiring young minds to explore the exciting world of engineering and innovation.



Community Services done by Department

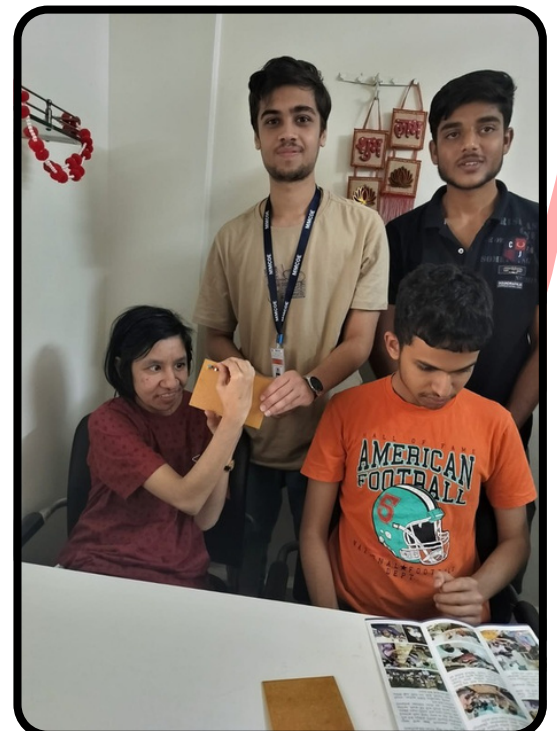
Empowering Society Through Technical Knowledge and Social Responsibility

Social Activity Conducted for Specially Abled Children

The Department of Electronics and Telecommunication Engineering (E&TC), through its student association BETA, organized a social activity for specially abled children at Anugraha Foundation on 6th March 2026 under the guidance of **Ms. H. N. Burande** and **Ms. S. S. Tavse**.

Around 35 children from the foundation actively participated in the event. Students and faculty members of the department interacted with the children and conducted various fun-filled, interactive, and skill-based activities. The session provided a warm and supportive environment that encouraged the children to express themselves, learn new skills, and enjoy meaningful engagement.

The activity was a heartwarming experience for both the volunteers and the children. It fostered the values of empathy, compassion, social responsibility, and community service among the students while bringing joy and encouragement to the participants. The event highlighted the importance of inclusivity and strengthened the bond between the institution and the community.



Parent - Teacher Meet

Strengthening Bonds, Inspiring Growth

The Department of Electronics and Telecommunication Engineering conducted a Parent-Teacher Meeting (PTM) on 28th February 2026 at 1:00 p.m. for Sem II students (AY 2025-26), with around 60 parents in attendance.

The program began with a welcome address by PTM Coordinator Ms. D. P. Potdar, followed by the Department Development Review presented by HoD Dr. A. S. Bhatlawande, highlighting academic results, guest lectures, workshops, industrial visits, student club activities, and departmental achievements.

Vice Principal Ms. S. N. Deshmukh addressed the parents on academic expectations and the importance of parent-teacher collaboration. Students were felicitated for their academic, co-curricular, and extracurricular achievements. Principal Dr. S. R. Sakhare then addressed and interacted with the parents, providing guidance for students' academic and professional growth.

The session concluded with a Vote of Thanks by Ms. D. P. Potdar. Parents subsequently interacted with the Principal, Vice Principal, HoD, class teachers, subject teachers, and teacher guardians to discuss student's academic progress and address queries.

The PTM was successfully conducted under the guidance of Dr. A. S. Bhatlawande, HoD (E&TC).



LIST OF TOPPERS

Strengthening Bonds, Inspiring Growth

BE TOPPERS

Name of the Student	Rank	SGPA
PATANE SHRAVANI BHARAT	I	9.7
POONAM RAMESH GHUGE	I	9.7
SANKPAL ARPITA PRAMOD	I	9.7
MANAGOLIKAR OJASVEE RAJESH	II	9.65
DAVE NUPUR HIMANSHU	III	9.6

TE TOPPERS

Name of the Student	Rank	SGPA
FUKE PRATHAMESH SURENDRA	I	9.43
PRAPTE SHREEYA PRASANNA	I	9.43
RAUT SWAMINI DINESH	II	9.38
CHOUDHARY KARAN YOGESH	III	9
DHOLE PRAJAKTA LAXMIKANT	III	9

SE TOPPERS

Name of the Student	Rank	SGPA
ATHARVA PRASHANT CHAUDHARI	I	9.8
DOSHI URJA SACHIN	II	9.75
JOSHI AYUSH ASHISH	II	9.75
JOSHI VAISHNAVEE PRASHANT	III	9.65

Farewell Function-2026

As one chapter closes another begins
Every ending is the start of something new.



Student Achievements

Showcasing the Success Stories of Our Talented Students

Name of the Student	Name of the Award	Event	Date of Achievement
Asmita Milind Bagad	2nd rank	Dexterity- Spark up quiz competition organized by EESA	24/1/2026
Yash Bhosale	1st rank	Sambhav 3.0, PLC Event 2.0, Organized by D.Y.P Akurdi	9/2/2026
Arpita Sangpal Smurti Belunki Disha Zate	1st rank	Dexterity Event-BLIND AND BUILD	24/1/2026
Aditya Shinde Atharva Kanavade Aarav thigale	2nd rank	Dexterity Event-BLIND AND BUILD	24/1/2026
Viraj Modak Pradnyesh Gadre Parth Kishirsagar	3rd	Dexterity Event-ROBORACE	24/1/2026
Anushk Nanaware	3rd	Dexterity Event-DRONSIM ELITE	24/1/2026
Shravani Patane	Academic Topper	E&TC MMCOE	2/2/2026
Inshal Hashmi / Krish Gupta	2nd Position	COEP Mind spark	
Pranav Kadam	4th Place	Robo race Event -Dexterity	24/1/2026
Gayatri Tambe	FE-40,000/- SE-10000/- TE 23000/-	Lila Poonawalla Foundation	2025-2026

Student Achievements

Showcasing the Success Stories of Our Talented Students

Name of the Student(s)	Name of the Award	Event	Date of Achievement
Yogita Keche	Scholarship of 60000/- per year	Lila Poonawalla Foundation	2025-2026
Ms. Tanisha Kasliwal	Scholarship of 83,500/-Rs	Smile Foundation in colloration with Deutsche Bank	2025-2026
Mr. Utkarsh Pisal	Scholarship of 5000/-Rs	MMCOE Alumni Association Scholarship	2025-2026
Mr. Sujit Gawali	Scholarship of 5000/-Rs	MMCOE Alumni Association Scholarship	2025-2026
Mr. Dhiraj More	Scholarship of 5000/-Rs	Late Shri P.N.Honap and U.S.Anikhindi scholarship (sponsored by E & TC alumnus Mr. Jaydeep Honap 2010 batch)	2025-2026
Mr. Aniket Yadav	Scholarship of 5000/-Rs	Late Shri P.N.Honap and U.S.Anikhindi scholarship (sponsored by E & TC alumnus Mr. Jaydeep Honap 2010 batch)	2025-2026
Mr. Mahesh kakad	Reliance Foundation Undergraduate Scholarship	2022-23 2023-24 20224-25 2025-26	50000/- per year
Govind Mohite/Krishna Khatod/Sanchit Joshi	Best Paper Award at TechnospaRK Symposium	MMCOE Technospark Symposium 2026	22/4/2026
Sudarshan Patil,Vedant Bedke, Krishna	3rd Rank	IETE Project competition	7/4/2026

Student Achievements

Showcasing the Success Stories of Our Talented Students

Name of the Student(s)	Name of the Award	Event	Date of Achievement
Smruti Belunki	3rd Rank	IETE Project competition	7/4/2026
Aaradhya Sakharkar ,Sarang Shigwan	1 st rank	IETE Project competition	7/4/2026
Samarth Shinde ,Rahul Kulkarni, Yatharth Saraf and Amogh Bapat	2nd Consolation Prize	IETE Project competition	7/4/2026
Prathmesh Fuke, Janhavi Chaphekar,Karan Choudhari	Runner Up	Hacksprint v 7.0, sponsored by Zensar	11/4/2026
Prathmesh Fuke	Diamond Performer	Google cloud	11/4/2026
Ishika Kulkarni Ashwika Mule Medhavi Shelar	1st Position	Firodia Karandak(Folk Dance)	2025-2026

HALL OF EXCELLENCE

Showcasing the Success Stories of Our Talented Students and faculties



Department of Electronics and Telecommunication Engineering won the HOUSE CUP



ETC Girls won dodge ball



India science fest 2026 at IISER, Pune

HALL OF EXCELLENCE

Showcasing the Success Stories of Our Talented Students and faculties



Won 2nd Consolation in IETE Project competition



MMCOE Firodia Team secured 1st Prize in Folk Dance



PRISM magazine launch at udaan 2k26

HALL OF EXCELLENCE

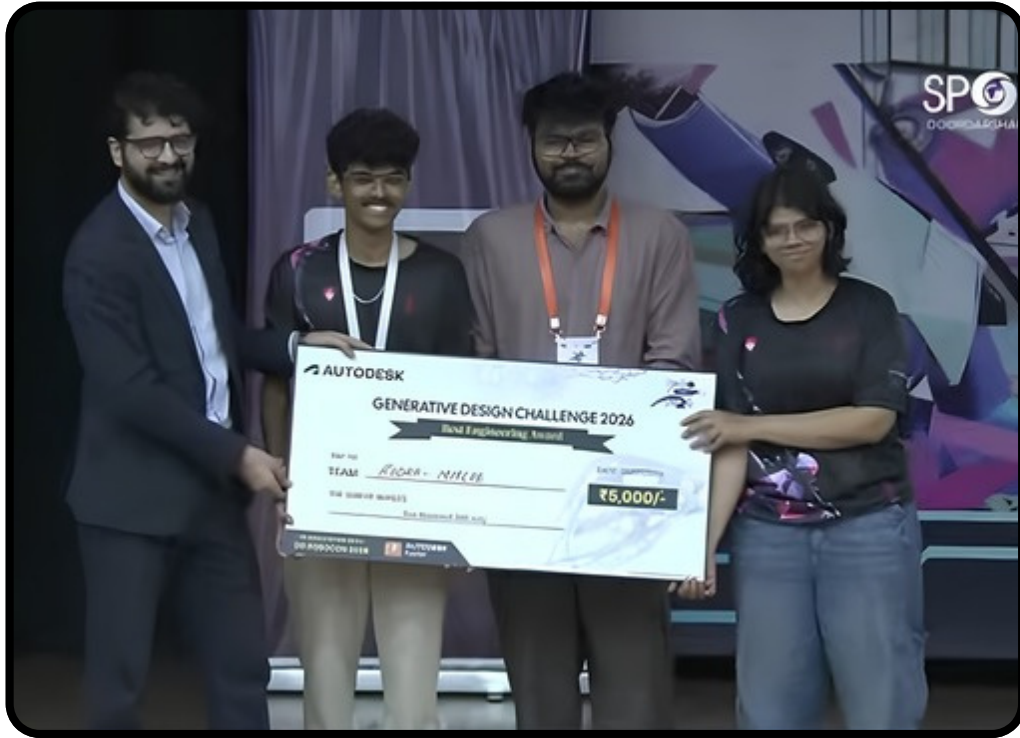
Showcasing the Success Stories of Our Talented Students and faculties



MMCOE E&TC team has been shortlisted and is currently representing both our innovative idea and our college at the Pune Agri Hackathon 2026.

HALL OF EXCELLENCE

Showcasing the Success Stories of Our Talented Students and faculties



Team Rudra, the Robotics Club has achieved a remarkable feat at ABU Robocon 2026

HALL OF EXCELLENCE

Showcasing the Success Stories of Our Talented Students and faculties



Prof. Anup Dakre
Prof. Madhavee
Deorankar
Prof. Pallavi Wadkar
Successfully completed
training at QNX.

Mr. Anup Dakre as a
resource person at
KPIT Apex LAB
training.



Faculties who completed their PhD



Dr. Rajeshwari Malekar **Dr. Snehal Koparde** **Dr. Pawan Kale**

Industrial Visits

Bridging Academic Knowledge with Real-World Engineering

Industrial Visit to GMRT, Pune

On the occasion of National Science Day, Third Year and Final Year students of the Department of Electronics & Telecommunication Engineering visited the Giant Metrewave Radio Telescope (GMRT), Pune, one of the world's largest radio telescope facilities operating at metre wavelengths.

Operated by the National Centre for Radio Astrophysics (NCRA), TIFR, the upgraded GMRT (uGMRT) comprises 30 fully steerable 45-meter dish antennas arranged in a Y-shaped configuration and utilizes advanced RF receivers, digital signal processing systems, and interferometry techniques to study cosmic radio signals.



During the visit, students gained valuable exposure to large-scale antenna array systems, signal propagation mechanisms, and real-world communication infrastructure. They observed antenna tracking and alignment systems, explored the control room and backend processing units, and learned about RF signal acquisition, interference mitigation, and digital signal processing techniques. Students also participated in project exhibitions showcased by various colleges. The visit provided practical insights into the integration of communication hardware and software, reinforcing concepts related to cellular networks, signal processing, frequency reuse, and modern telecommunication systems. The experience served as an excellent platform for connecting classroom learning with advanced scientific and engineering applications.

Industrial Visits

Bridging Academic Knowledge with Real-World Engineering

Industrial Visit to Vigyanashram, Pabal

2026. The visit provided students with a unique opportunity to experience the Ashram's innovative approach of "Learning by Doing," which integrates practical skills with scientific and technological education.

Through various demonstrations and interactive sessions, students gained valuable exposure to sustainable technologies, rural development initiatives, and entrepreneurship-driven learning.



During the visit, students explored food processing techniques, organic farming practices, engineering workshops, and low-cost construction technologies, including innovative structures such as geodesic domes.

They also interacted with experts and learners engaged in real-time projects, gaining insights into the effective utilization of locally available resources for sustainable development. The visit enhanced students' understanding of the practical applications of science and technology, encouraged innovative thinking, and highlighted the importance of sustainability, self-reliance, and skill-based education.

Industry Sponsored Projects

Empowering E&TC Students to Solve Real-World Challenges with Industry Collaboration

Sr. No.	Project Title	Domain	Name of Industry
1	Insulink: Alarm Annunciator (FMCIII)	Embedded	FMCIII
2	Designing and Simulation of Multiband Antenna	communications	Cyronics
3	Insulink: Alarm Annunciator (FMCIII)	Embedded	FMCIII
4	Humanoid Robot	Embedded	Tronix365
5	Navigation Assistance for blind people	Embedded	Padmapani Technologies
6	Pick and Place object Sorting Delta Robot	Automations	B&R
7	Insulink: Alarm Annunciator (FMCIII)	Embedded	FMCIII
8	Preventive Maintenance of Delta Robot(B&R) Using AI/ML	Automations	B&R
9	Motor control of B&R PLC using hand gesture	Automations	B&R
10	Machine condition Monitoring System	Embedded	Athena Automations

Industry Sponsored Projects

Empowering E&TC Students to Solve Real-World Challenges with Industry Collaboration

Sr. No.	Project Title	Domain	Name of Industry
11	CAN bus communication between charger and Li Battery	communications	-
12	Generic CALL Protocol for Series-Linked Microcontrollers in IoT Applications	Embedded	FMCI
13	Integrated Wiper Automation and wheel alignment Measuring System	Embedded	KPIT
14	Enhanced ATM security system using computer vision	Embedded	Tronix365
15	Air Drum set Using motion sensors and Bluetooth communication	Embedded	Vishwas vaidya consultancy
16	Intellegent Drunk Driving Prevention System With Real-Time GPS and GSM Alerts	Embedded	Royal Bike services
17	Smart Polyhouse Automation System for Climate and Light Control	Embedded	Vigyan Ashram
18	Design and Develop automotive Wiper Control System	Embedded	KPIT
19	Wheel alignment Monitoring Systems	Embedded	KPIT
20	Battery Health Monitoring of EV using state of art methodology	Embedded	Vishwas vaidya consultancy
21	SecureRide 360: Intelligent Vehicle Theft Prevention and Immobilization System	Embedded	Tronix365

List of Patents & Papers

Showcasing Innovative Breakthroughs by E&TC Students and Faculty

Sr. No.	Name of Faculty	Title of patent/Paper	Status	Year
1	Dr. Jitendra Madanlal Bakliwal, Swati Naresh Deshmukh	Patent: LED Driving Topology for Solid State Luminaires	Published	2025
2	Pawan D. Kale, Vishal Bhope, Disha Parkhi	A novel quadband antenna with circular patch and modified Sierpinski gasket fractal ground structure for next-generation wireless communication system	Journal , International, published	February 2026
3	Manisha A. Dudhedia	Game theory with Tuna - Sandcat optimization - based robust and energy effieicent spectrum sensing against malicious users in cognitive radio network	Journal, International, Published	February 2026
4	Snehal Koparde	Energy and Spectral Efficiency Optimization with Security in Massive MIMO-5G Using Integrated Machine Learning	Journal, International, Published	February 2026
5	Dr. Mayuri T. Deshmukh	Predictive Modeling of Drug Release Kinetics using Supervised Machine Learning Algorithm	Journal, International, Published	2026
6	Manisha A. Dudhedia	Design and Architectures Trends of Double-Stage RF Down Converters - A Comprehensive Survey	Journal, International, Published	2026
7	Dr. N.N. Thune	Age prediction on EEG signals via hybrid feature engineering approach	Journal, International, Published	2026

List of Patents & Papers

Showcasing Innovative Breakthroughs by E&TC Students and Faculty

Sr. No.	Name of Faculty	Title of patent/Paper	Status	Year
8	Mrs. D. P. Potdar	Adaptive Deep Learning Framework for Suspicious Human Behavior Detection in Surveillance Systems	Journal , International ,Published	2026
9	Dr. H. M. Jadhav	AI Driven Humanoid Robot for Smart Reception Management”	Conference, International ,Published	2026
10	Dr. H. M. Jadhav	Enhanced ATM Security System Using Machine Learning and Computer Vision	Conference, International ,Published	2026
11	Dr. N.N. Thune	Geomatic shape drawing using 3 axis delta robot with PLC and Mapp technology	Conference, International ,Published	2026
12	Dr. N.N. Thune	ARTEMIS (Advanced Reactive Threat Elimination & Monitoring Integrated System)	Conference, International ,Published	2026
13	Dr. H. M. Jadhav	FPGA Accelerated AI System for Multi-Organ Medical Image Segmentation	Conference, International ,Published	2026

Faculty Awards & Recognition

Celebrating the Recognition and Contributions of Our Esteemed Educators

Sr.N o.	Name of faculty	Name of award/ recognition	Agency/ Body	Date
1	Dr. N. N. Thune	nova training for MBD	KPIT	31 /01/2025 to 01/07/2025
2	Mr Pawan Kale	Appreciation letter for a research paper published in an SCIE-indexed Q1 journal	Elsevier Journal leadership team	15/1/2026
3	Dr. Jitendra Bakliwal	Resource person for Capability Enhancement Program in advanced Power Electronic workshop-4Q Chopper"	Department of Electronics and Telecommunication Engineering ,MMCOE, Pune	09/01/26 to 14/01/26
4	Mr Anup Dakre	Resource person for Capability Enhancement Program in advanced Power Electronic workshop-Arduino"	Department of Electronics and Telecommunication Engineering ,MMCOE, Pune	09/01/26 to 14/01/26
5	Dr Archana Kanwade	Resource person for Capability Enhancement Program in advanced Power Electronic workshop-Arduino"	Department of Electronics and Telecommunication Engineering ,MMCOE, Pune	09/01/26 to 14/01/26
6	Ms Madhavi Deorankar	Resource person for Capability Enhancement Program in advanced Power Electronic workshop-4Q Chopper"	Department of Electronics and Telecommunication Engineering ,MMCOE, Pune	09/01/26 to 14/01/26
7	Mr. Pawan D. Kale	Reviewer for IEEE conference ICSFT at MMCOE, Pune	Department of Electronics and Telecommunication Engineering ,MMCOE, Pune	24/04/26 to 25/5/26

Faculty Awards & Recognition

Celebrating the Recognition and Contributions of Our Esteemed Educators

Sr.N o.	Name of faculty	Name of award/ recognition	Agency/ Body	Date
8	Mr. Pawan D. Kale	Reviewer of IEEE conference (International Conference on Innovations in Communication, Geoscience and Robotics 2026) papers organized by SSGMCE, Shegaon:	Department of Electronics & Telecommunication Engineering, Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, India	24/04/26 to 25/5/26
9	Dr. H. M. Jadhav	Reviewer for IEEE conference ICSFT at MMCOE, Pune	MMCOE, Pune	24/04/26 to 25/5/26
10	Dr. N.N. Thune	NPTEL Online certification of the course Microprocessors and Microcontrollers	NPTEL Swayam	Jan-Apr26
11	Dr. N.N. Thune	Advisory Consultant @B&R automations Pune	B&R Industrial Automations Pune	From March26 to next 2 years
12	Dr. N.N. Thune	Reviewer for IEEE conference ICSFT at MMCOE, Pune	Department of Electronics and Telecommunication Engineering ,MMCOE, Pune	24/04/26 to 25/5/26
13	Dr. H. M. Jadhav	NPTEL Online certification of the course Microprocessors and Microcontrollers	NPTEL Swayam	Jan-Apr26
14	Dr. H. M. Jadhav	NBA SAR Reviewer	MMIT Lohgaon	8/5/2026
15	Dr. H. M. Jadhav	Expert Education Advisor for NGO	Renascent Mirai Foundation NGO, Pune	Jan. 2026

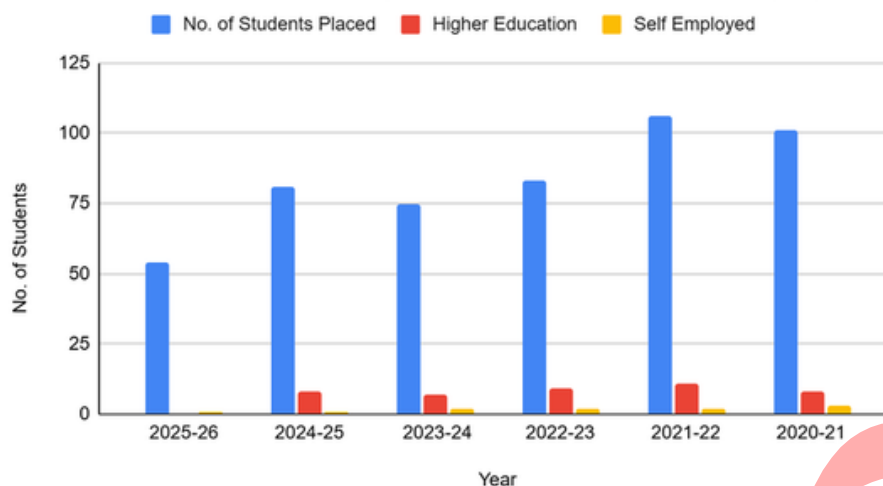
Placement Activity

Tracking the Success and Opportunities of Our E&TC Students in the Professional World

Students secured placements in the following companies in the academic year 2025–26.



No. of Students Placed, Higher Education and Self Employed



EDITORIAL COMMITTEE

Staff Members: **Mrs. Ranjana Kedar**

Student Members: **Mr. Atharva Chaudhari**

Mr. Adway Kulkarni

Ms. Kalyani Jape