

HOPE FOUNDATION'S
FINOLEX ACADEMY OF MANAGEMENT AND TECHNOLOGY, RATNAGIRI



(APPROVED BY AICTE, RECOGNIZED BY DTE AND AFFILIATED TO MUMBAI UNIVERSITY)

TELE-CONVERSE

Bi-annual Newsletter
OF

**ELECTRONICS AND TELECOMMUNICATION
ENGINEERING DEPARTMENT**

VOLUME 9, ISSUE 1, (1 July 2025 – 31 December 2025)



Contents

1	Department Vision	3
2	Department Mission	3
3	Program Educational Objectives (PEOs) and Program Specific Outcomes (PSOs)	3
4	Highlights of the Department	4
5	Programs organized by the Department	5
6	Faculty Achievements	23
7	Student Achievements	24

List of Faculty/Staff Members in the Department

Faculty Members

1. Prof. (Dr.) Sharada V. Chougule (Professor)
2. Dr. Girish G. Bhide (Associate Professor)
3. Dr. Suhasini S. Goilkar (Associate Professor)
4. Prof. Giri S. Kulkarni (Associate Professor)
5. Prof. Amol R. Sutar (Assistant Professor)
6. Prof. Mansi S. Kolwankar (Assistant Professor)
7. Prof. Sujay D. Mainkar (Assistant Professor)
8. Prof. Neha S. Sakhalkar (Assistant Professor)
9. Prof. Vinayak D. Chavan (Assistant Professor)
10. Dr. Vijay M. Galshetwar (Assistant Professor)
11. Prof. Gauri S. Bhosale (Assistant Professor)
12. Dr. Saurabh A. Athalye (Assistant Professor)

Staff Members

13. Mr. Sanket R. Dudwadkar (Lab Technician)

Vision

- ❖ To develop competent professionals who will be able to contribute effectively to the advancing electronics & telecommunication technologies.

Mission

- ❖ To provide quality education through practical knowledge and technical skills.
- ❖ To strengthen industry interaction to meet current and future trends.
- ❖ To inculcate teamwork spirit, leadership qualities and human values.

Program Educational Objectives (PEOs)

PEO 1	Integration of knowledge	Integrate fundamental knowledge in mathematics & basic engineering sciences to solve real life technical problems.
PEO 2	Implementation and testing	Train students to understand the concepts of simulation, synthesis, implementation and testing to create and analyze different projects in the various fields of Electronics & Telecommunication engineering.
PEO3	Ethics and Human values	Nurture students for effective communication, cultured mannerism, ethical values, and teamwork and entrepreneurship skills.
PEO4	Professional development	Encourage professional development including higher education to produce graduates who will pursue lifelong learning.

Program Specific Outcomes (PSOs)

PSO1	Utilization of Domain specific knowledge	Students will be able to showcase knowledge gained in the domains of communication engineering, signal processing, RF/microwave engineering, semiconductor technology, digital and embedded systems.
PSO2	Awareness and adaptability to recent trends	Gain awareness regarding design skills, software packages and telecom standards.

Highlights of the Department

- ❖ Intake of 60 students
- ❖ Well qualified Teaching faculty and experienced Lab assistant
- ❖ 09 well equipped Laboratories
- ❖ State of the art Equipment / instruments
- ❖ Plenty of electronic components and consumables
- ❖ Three Computer Labs with latest configuration
- ❖ Seminar Hall
- ❖ 03 ICT Classrooms
- ❖ Departmental Library with approximately 367 titles
- ❖ Regular conduction of workshops, Seminars, Training Programs and Competitions
- ❖ Honours and Minor program in Artificial Intelligence & Machine Learning
- ❖ Students placed in renowned companies like IBM, Infosys, Tech- mahindra, L&T-Infotech, Capgemini, Cognizant, TCS, Vodafone, Flex etc.

Programs organized by the Department

Summary

Sr. No.	Name of Program
1	Seminar on Career Opportunities in Embedded Systems with IoT and Industrial PCB Designing
2	Parichay 2025, Welcome of SE EXTC to the Department along with Teacher's Day and Engineer's Day
3	One Day Add-On Course on "Project Planning and Execution Practices"
4	03 Days Workshop on The Brain of Modern Robotics: Raspberry Pi
5	Seminar on Future Career Opportunities in Engineering and Project Management
6	A seminar on 'Cyber Safety'
7	Industrial Field Visit to Ratnagreen Techno Services

1] Seminar on Career Opportunities in Embedded Systems with IoT and Industrial PCB Designing

The Department of Electronics and Telecommunication Engineering organized a seminar on “Career Opportunities in Embedded Systems with IoT and Industrial PCB Designing” on 5th August 2025, from 2:15 PM to 3:45 PM, in the Seminar Hall (EN-2/5).

The event began with a warm welcome to the dignitaries on the dais: Dr. Sharada Chougule (Head of the Department), Mr. Rushi Patel (Co-Founder, Teknomindz Institute of Advanced Technology, Pune), and Mr. Nikhil Dongardive (Centre Head, Teknomindz Institute of Advanced Technology, Pune).

Prof. G. S. Kulkarni introduced the distinguished guests and resource persons to the audience.

In his keynote address, Mr. Rushi Patel highlighted the growing relevance of core engineering fields and shared insights into career opportunities in Electronics, Embedded Systems, and IoT.

Mr. Nikhil Dongardive, the seminar’s resource person, delivered an engaging session on the fundamentals of Embedded Systems and IoT. He discussed various career prospects in these areas and emphasized the importance of acquiring relevant technical skills to stay competitive in the industry.

The session concluded with a lively Q&A segment, where students actively interacted with the speakers and asked questions related to skill development and career paths in Embedded Systems and IoT.



Prof. G. S. Kulkarni introducing the Dignitaries



Welcoming Mr. Rushi Patel, Co-Founder Teknomindz



Welcoming Resorse Person Mr. Nikhil Dongardive, Centre Head, Teknomindz



Session by Rushi Patel, Co-Founder, Tecknomindz



Session by Mr. Nikhil, Centre Head, Teknomindz.

Students attending the seminar

---End of Report---

2] Parichay 2025 Welcome of SE EXTC to the Department along with Teacher's Day and Engineer's Day

Event Overview:

The Department of Electronics and Telecommunication Engineering organized a welcome function for SE EXTC students, "Parichay 2025", along with the celebrations of Teacher's Day and Engineer's Day. The program was held on 16th September 2025 from 2:45 p.m. to 5:45 p.m. in Seminar Hall EN-2/5.

The event was well managed by the Association of Students of Electronics and Telecommunication Engineering (ASENT). It was anchored by Ms. Safina Nakhawa and Ms. Ayesha Hodekar from BE EXTC. The program started with the traditional Deep Prajwalan (Lighting Ceremony) followed by Saraswati Vandana, beautifully sung by Ms. Anushka Ghanekar of TE EXTC. After this, the dignitaries were welcomed on the dais: Principal Dr. Kaushal Prasad, HoD Dr. Sharada Chougule, ASENT Faculty In-charge Dr. G. G. Bhide, ASENT Head Mr. Tejas Jambhekar, and ASENT Co-Head Ms. Shreya Golvankar.



Felicitation of Principal, Dr. Kaushal Prasad by
HoD, Dr. Chougule



Deep Prajwalan by Dr. G. G. Bhide

Initially HoD Dr. Sharada Chougule offered a welcome to second year students of EXTC department. She greeted the teachers on the occasion of Teacher's Day and Engineer's Day. She also summarized the various curricular and co-curricular activities that take place in the department, so that students can upgrade their skills and showcase their talents as well. Finally, she congratulated the ASENT team for their efforts towards the conduction of this event.



Address by HoD, Dr. Sharada Chougule



Address by Principal, Dr. Kaushal Prasad



Address by ASENT faculty I/c Dr. Girish Bhide



Address by ISF Faculty I/c Prof. G.S. Kulkarni

Two toppers each from TE, SE and FE as given in the following table were awarded for their academic excellence in the academic year 2024-25.

Sr.	Name of the Student	Remark
1	Ms. Gayatri Suvare	Topper in TE EXTC
2	Ms. Shravani Joshi	Second topper in TE EXTC
3	Ms. Sakshi Kamberkar	Topper in SE EXTC
4	Ms. Asmita Choudhary	Second topper in SE EXTC
5	Ms. Vaibhavi Dhuri	Topper in FE EXTC
6	Mr. Abhishek Patekar	Second topper in FE EXTC



Ms. Gayatri was awarded by Principal



Teacher's Day Celebration

 Ratnagiri, Maharashtra, India 286p+cpv, Ratnagiri, Maharashtra 415639, India Lat 17.011154° Long 73.336919° 16/09/2025 02:56 PM GMT +05:30	 Ratnagiri, Maharashtra, India 286p+cpv, Ratnagiri, Maharashtra 415639, India Lat 17.011154° Long 73.336919° 16/09/2025 02:53 PM GMT +05:30
Ms. Sakshi was awarded by HoD	Engineer's Day Celebration
 Ratnagiri, Maharashtra, India 286p+cpv, Ratnagiri, Maharashtra 415639, India Lat 17.011154° Long 73.336919° 16/09/2025 02:56 PM GMT +05:30	 Ratnagiri, Maharashtra, India 286p+cpv, Ratnagiri, Maharashtra 415639, India Lat 17.011154° Long 73.336919° 16/09/2025 02:45 PM GMT +05:30
Ms. Vaibhavi was awarded by ASENT faculty I/c	Audience

The ASENT faculty I/c Dr. Girish Bhide welcomed the SE EXTC students and made an appeal to them for joining the various activities that ASENT undertakes. He also expressed thanks for kind permission given by Principal sir and guidance given by HoD madam.

Principal, Dr. Kaushal Prasad sir advised the students to decide their goal and become teacher of themselves in this era of rapidly changing technology. He also emphasized the importance of communication skills. Finally, he congratulated the department for organizing this event.

Prof. Giri Kulkarni explained the importance of electronics hardware even though current era is of AI and ML. He strengthened the hopes of students for seeking jobs in the electronics and telecommunication domain in near future.

 Ratnagiri, Maharashtra, India 286p+cpv, Ratnagiri, Maharashtra 415639, India Lat 17.011154° Long 73.336919° 16/09/2025 02:43 PM GMT +05:30	
Anchoring by Ms. Safina and Ms. Ayesha	ASENT Head Mr. Tejas giving speech



After this ASENT Head, Mr. Tejas Jambhekar welcomed the SE EXTC students and briefed them about the various activities of ASENT. Mr. Kaustubh Pawar and Ms. Alfiya from SE EXTC expressed their feelings about the department and the institute.

After all these speeches the inaugural part of this event was over. The snacks were served to all students, faculty and staff. Mr. Vedang Kanvinde of BE EXTC, Mr. Sahil Nagvekar of TE EXTC and their team took lot of efforts for helping Mr. Tejas and Ms. Shreya towards conduction of this event.

Another important half of the event was full of performances such as songs and dances mainly by SE EXTC students and some from TE EXTC and BE EXTC as well. This beautiful event got over around 5.45 pm.

---End of Report---

3] One Day Add-On Course on “Project Planning and Execution Practices”

One day add-on course on " Project Planning and Execution Practices", was organized by the Department of Electronics and Telecommunication Engineering, on 17th September 2025. In this course, final year students were given exposure to the importance of major projects from their career point of view, project topic selection, preparation and planning for the project and project execution practices.

The objectives of this training program were to:

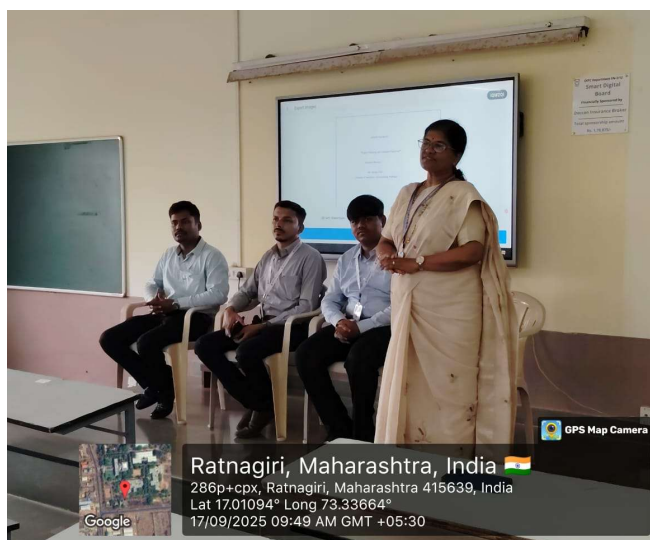
1. To enable students to plan their final year projects in a structured and systematic manner.
2. To understand the hardware and software requirements essential for effective project development and implementation.
3. To develop their ability to execute, monitor, and successfully complete projects within the stipulated timeframe.

Dr. S. V. Chougule, HOD EXTC Department, graced the inaugural program, introduced and welcomed resource person. Resource Person Mr. Ajinkya D Dixit, Founder Aerobotix Techsolutions Pvt. Ltd, Kolhapur, conducted the add-on course. Team members Kunal and Harshad contributed for successful completion of the course.

Dr. V. M. Galshetwar and Dr. S. S. Goilkar worked as Faculty Coordinator of the event under the guidance of HOD EXTC Dr. S V Chougule.

A total of 46 students from BE EXTC actively participated in the training program and also shared their feedback at the end of this workshop.

Photos



Inauguration function: HoD. Dr. S. V. Chougule welcoming the Resource Person and his Team



Mr. Ajinkya Dixit explaining the Planning and Execution of Final Year Project



Students presenting their project ideas



Discussion with students



Mr. Ajinkya Dixit interacting with students

4] 03 Days Workshop on The Brain of Modern Robotics: Raspberry Pi (Under IETE Students Forum (ISF))

A three-day workshop on “The Brain of Modern Robotics: Raspberry-Pi” under IETE students Forum (ISF) was organized by the Department of Electronics and Telecommunication Engineering, from 18th to 20th September 2025, under IETE Students Forum (ISF) and MoU with Aerobotix Technosolutions Limited, Kolhapur.

The workshop aimed to provide students with hands-on experience in hardware interfacing, sensor integration, and IoT application development using Raspberry Pi and the Node-RED platform.

Guided by industry expert Mr. Ajinkya D. Dixit, Founder of Aerobotix Techsolutions Pvt. Ltd., the sessions covered fundamental to advanced concepts of Raspberry Pi and its applications in modern robotics and Industry 4.0.

The objective of this workshop is to explore capabilities of Raspberry-Pi and IoT application development towards project building among the students. The workshop successfully fulfilled the following objectives:

1. Demonstrate an understanding of the fundamentals and practical applications of Raspberry Pi in modern robotics.
2. Apply hands-on skills in interfacing sensors and actuators using Raspberry Pi.
3. Analyze and integrate hardware and software components for robotics applications.
4. Develop problem-solving and debugging skills through project-based learning.

Dr. S. V. Chougule, Head of the EXTC Department, graced the inaugural session and extended a warm welcome to the resource person. Dr. Kaushal Prasad, Principal, delivered the keynote address, emphasizing the significance of the industrial revolution and encouraging students to acquire the latest skill sets to enhance their employability. The sessions were conducted by Mr. Ajinkya D. Dixit, Founder of Aerobotix Techsolutions Pvt. Ltd., Kolhapur, who covered topics ranging from the basics to advanced applications of Raspberry Pi in IoT development and highlighted its vital role in Industry 4.0.

The workshop was efficiently coordinated by Prof. A. R. Sutar and Prof. G. S. Bhosale under the guidance of the HOD Dr. Sharada Chougule. Student coordinators from TE EXTC Mr. Rutvij Sonar, Ms. Prattancha Shembhekar, Ms. Aditi Sankpal, and Ms. Sanika Tendulkar actively assisted in managing the event.

A total of 34 students from SE, TE, and BE EXTC enthusiastically participated, gaining hands-on experience in Raspberry Pi and IoT application development.

Photos



Inauguration of the workshop graced by Principal and HoD



Resource person Mr. Ajinkya Dixit conducting the workshop



Mr. Ajinkya Dixit guiding students during Hands-on sessions



Workshop Group photo with participants

5] Seminar on Future Career Opportunities in Engineering and Project Management

Event Overview:

The Department of Electronics and Telecommunication Engineering organized a Seminar for TE/BE students, namely “Future Career Opportunities in Engineering and Project Management”. This seminar was conducted in the Seminar Hall EN-2/5, on 01 October 2025 from 10.30 am to 12.00 pm.

The seminar was organized by the Association of Students of Electronics and Telecommunication Engineering (ASENT). The ASENT faculty I/c, Dr. Girish G. Bhide worked as faculty coordinator and anchor for the seminar. He introduced the Resource person, Mr. Satish Kane, Program Manager at Atos, Pune, a multinational company.

The Resource Person, Mr. Satish Kane shared his knowledge about canvas of industry across different domains and the skill sets required to seek a job in those industries. He also explained in detail the importance of Project Management on the basis of his experience in big industries such as Bharti Shipyard, Larson and Toubro etc.,



Dr. G.G. Bhide introducing the Resource Person



Resource Person beginning the Seminar

 Ratnagiri, Maharashtra, India 286p+cpv, Ratnagiri, Maharashtra 415639, India Lat 17.011146° Long 73.336934° 01/10/2025 10:46 AM GMT +05:30	 Ratnagiri, Maharashtra, India 286p+cpv, Ratnagiri, Maharashtra 415639, India Lat 17.011092° Long 73.33703° 01/10/2025 10:33 AM GMT +05:30
Resource person interacting with audience	Large Audience

Students from TE/BE classes of 1) Electronics and Telecommunication Engineering and 2) Electrical Engineering participated in the Seminar. The Resource person, in his presentation, explained the following points

1. Understanding the Current Industry Landscape
 2. Top Career Paths for Engineering Graduates
 3. Emerging Technologies & Their Impact on Careers
 4. Industry-Wise Opportunities
 1. IT & Software Development
 2. Core Engineering (Mechanical, Civil, Electrical)
 3. Manufacturing & Automation
 4. Renewable Energy & Sustainability
 5. Data Science & AI
 6. Consulting & Business Analytics
 5. Higher Education vs. Immediate Employment
 6. Introduction to Project Management
 7. Certifications & Skills for Project Managers
 8. Career Pathways in Project Management
 9. Resume Building & Placement Tips
 10. Q&A / Interactive Discussion
- Conclusion & Takeaways

The Seminar ended with a vote of thanks proposed by the faculty coordinator.

---End of Report---

6] A seminar on ‘Cyber Safety’

Internal Complaint Cell (ICC) in association with Department of Electronics and Telecommunication Engineering of Finolex Academy of Management and Technology, Ratnagiri has organized a seminar on: “Cyber Safety” on 06 October 2025, at 11.30 a.m.

The seminar aimed to:

- Raise awareness about cyber safety practices among students and staff.
- Educate participants on the appropriate channels for reporting cyber harassment and to promote a safe and supportive workplace environment.

Police Inspector Smita Sutar from the Cyber Police Station, Ratnagiri, was the resource person for the seminar. She enlightened the audience about various cyber safety precautions to be followed in daily digital interactions. Through real-life examples, she explained the different types of cybercrimes prevalent today and provided practical guidance on how to stay protected. She also interacted with the participants and clarified their queries related to cyber safety.

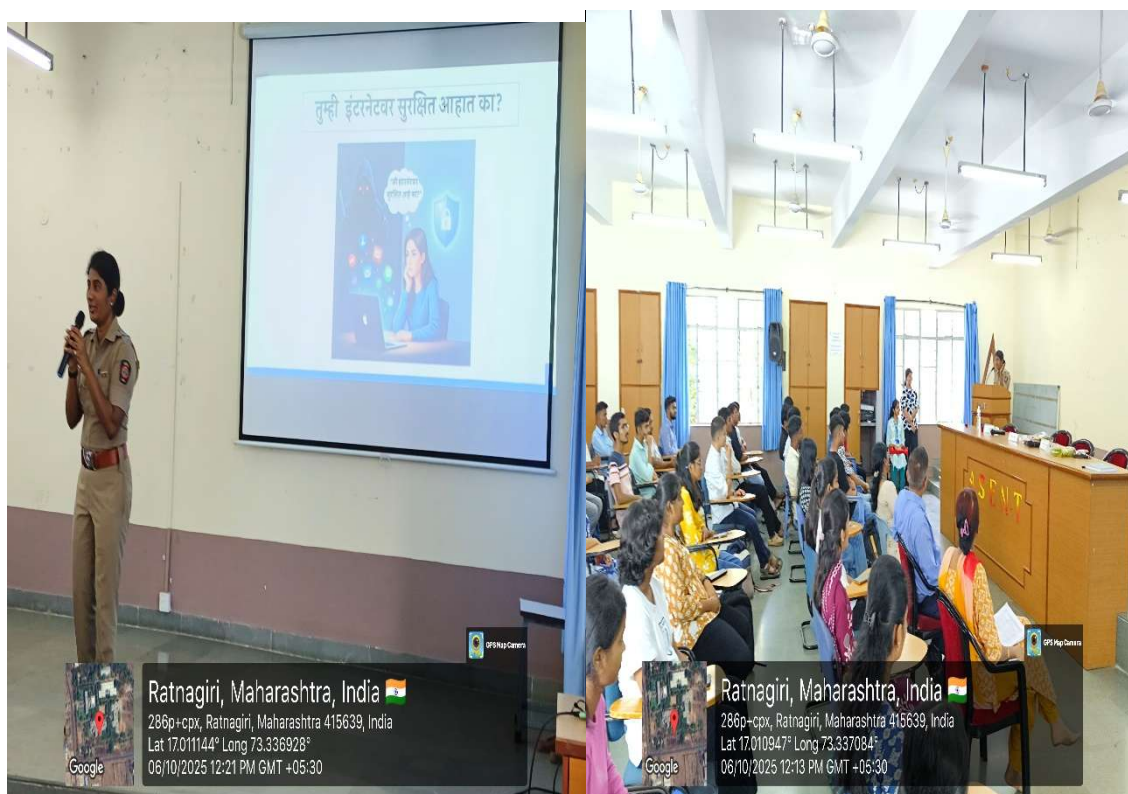
The programme began with a welcome address by Dr. Sharada V. Chougule (Presiding Officer, ICC), introduced the objectives and responsibilities of the Internal Complaint Committee. The guest were felicitated by Principal Dr. Kaushal Prasad, who appreciated the efforts of the ICC and the Electronics and Telecommunication Engineering Department for organizing such an awareness-driven seminar.

The event was anchored by Ms. Anushka Ghanekar (T.E. EXTC), and concluded with a vote of thanks delivered by Prof. Vrinda Kulkarni.

The seminar received an enthusiastic response, with a total of 119 students participating. The session was highly informative and succeeded in creating greater awareness about the importance of digital safety and responsible online behaviour.



Dr. Kaushal Prasad Welcoming the Guest



Police Inspector Smita Sutar Conducting the Seminar

7] Industrial Field Visit to Ratnagreen Techno Services

On Friday, October 10, 2025, the Department of Electronics and Telecommunication Engineering organized an industrial field visit for its Second-Year EXTC students (57 students participated) to Ratnagreen Techno Services in Ratnagiri. Students were accompanied by Prof. Saurabh Athalye (EXTC) and Prof. Mahesh Jadhav (CSE). The visit was specifically designed to provide students with practical, real-world exposure to solid waste management (SWM) processes, a crucial modern industry where technology and engineering principles are paramount. Students gained firsthand insight into the complete SWM process flow, observing how advanced industrial technology and engineering principles are utilized in sorting, processing, and resource recovery, demonstrating the application of their theoretical knowledge in a demanding environmental context.

The interaction with the Ratnagreen Techno Services team was particularly valuable, allowing students to not only understand the operational aspects of waste management but also to explore the sector from an entrepreneurial perspective. Discussions centered on current technological challenges and the vast scope for future innovation, encouraging students to consider career paths in non-traditional, sustainable industries. We extend our sincere gratitude to Mr. Manish Apte and his staff for their exceptional hospitality and commitment to enhancing industry-academic collaboration. This visit successfully bridged the gap between classroom learning and industrial reality, preparing our students for future technical and entrepreneurial roles.



Mr. Manish Apte explaining their manufacturing process of waste management products



Mr. Manish Apte explaining their manufacturing process of waste management products



Mr. Manish Apte explaining their waste management process



Group photo of students participated in the field visit



Group photo of students participated in the field visit

Faculty Achievements

1. / Prof. Dr. Sharada V. Chougule is an Editorial Board Member of ARAI Pune.
2. / Prof. Dr. Sharada V. Chougule is an Editorial Board Member of International Journal of Electrical and Computer Engineering (IJECE).
3. Dr. Vijay M. Galshetwar Working as a Paper Reviewer of Scientific Reports Journal, Signal, Image and Video Processing Journal, Expert Systems with Applications, and Multimedia Systems.

Editorial Board for Academic Year: 2024-25

Sr. No.	Name of Person	Designation / Role
1	Dr. Sharada. V. Chougule	HOD EXTC
2	Dr. Vijay M. Galshetwar	Newsletter Editor
3	Mrs. Madhura K. Zagade	ASENT Faculty In charge
4	Ms. Tejas Jambhekar	ASENT Student Co-ordinator
5	Mr. Devang Kanvinde	ASENT Student Co-ordinator
6	Ms. Shravani Joshi	BE EXTC Students
7	Ms. Sanika Malpekar	BE EXTC Students
8	Ms. Shriya Golvankar	TE EXTC Students
9	Mr. Sahil Nagvekar	TE EXTC Students
10	Ms. Anushka Ghanekar	TE EXTC Students
11	Mr. Kunal Gore	TE EXTC Students

PUBLISHER

Dr. Mrs. Sharada V. Chougule (HOD)
Email – hodextc@famt.ac.in

Editor

Dr. Vijay M. Galshetwar
Assistant Professor (EXTC)