



B. Tech (Electronics & Telecommunication Engineering)

NEWS LETTER 2025-26



School of Engineering and Technology, Shivaji University Kolhapur

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**ELECTRONICS INNOVATIVE STUDENT'S ASSOCIATION
(E.I.S.A.)
2025-26**

LIST OF COMMITTEE MEMBERS

Sr. No.	Name of students	Class	Designation
1	Mr. Abhay Vasambekar	Final Year B. Tech ECT	President
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14	Miss. Sajjan Kadam	Final Year B. Tech ECT	Committee member
15	Mr. Abhay Chavan	T.Y.B.Tech ECT	Committee member
16	Mr. Tanmay Fatale	T.Y.B.Tech ECT	Committee member
17	Miss. Sakshi Bannavar	T.Y.B.Tech ECT	Committee member
18	Mr. Abhishek Kadam	T.Y.B.Tech ECT	Committee member
19	Mr. Tejas Deshmukh	T.Y.B.Tech ECT	Committee member
20	Miss. Pradnya Dhere	T.Y.B.Tech ECT	Committee member
21	Miss. Aarti Ghorpade	T.Y.B.Tech ECT	Committee member
22	Miss. Archana Misal	T.Y.B.Tech ECT	Committee member
23	Mr. Yash Patil	T.Y.B.Tech ECT	Committee member
24	Mr. Karan Koli	S.Y.B.Tech ECT	Committee member
25	Mr. Atharv Ainapure	S.Y.B.Tech ECT	Committee member
26	Miss. Sanjivani Khirugade	S.Y.B.Tech ECT	Committee member
27	Mr. Avdhoot Kolase	S.Y.B.Tech ECT	Committee member
28	Mr. Sumit Duppe	S.Y.B.Tech ECT	Committee member
29	Miss. Trupti Sutar	S.Y.B.Tech ECT	Committee member
30	Miss. Shreya Sutar	S.Y.B.Tech ECT	Committee member

Report on Field Visit

1.All India Radio (AIR)



The Department of Electronics & Telecommunication Engineering (E&TC), School of Engineering & Technology, organized multiple industrial and educational field visits for Second Year E&C students **on 8 May 2026**. A total of **39 students** participated in all visits, accompanied by **Dr. Uday Patil** and **Mrs. Shweta Patil** and **Mr. Sushant Nibkar**

The objective of these visits was to provide practical exposure to communication systems, broadcasting technologies, research environments, and real-time operational control systems, bridging the gap between theoretical knowledge and industrial application

Akashvani (All India Radio), Kolhapur

The visit provided insights into radio broadcasting workflows including recording, editing, and transmission processes. Students studied studio equipment such as microphones, mixers, amplifiers, and digital systems. Detailed explanations of modulation techniques, transmitter operations, antenna systems, and signal propagation were provided. The role of Akashvani in public broadcasting and emergency communication was also highlighted.

Akashvani FM & AM Broadcasting Panhala

This visit focused on FM and AM broadcasting technologies. Students learned the principles of frequency and amplitude modulation, transmitter functioning, and antenna systems. Practical exposure was given to studio equipment, Studio-to-Transmitter Links (STL), and

signal monitoring systems. The importance of FM clarity and AM long-range coverage was emphasized.



Report on Field Visit

2.SP Office Transmission



SP Office (Transmission), Kolhapur

Students were introduced to communication infrastructure including antenna-based systems, microwave links, and wireless transmission technologies. Demonstrations included emergency communication systems, monitoring setups, and operational control mechanisms. A key highlight was the **121 Call Handling System**, covering call reception, processing, routing, and record maintenance. Students also learned Morse code communication (Dot & Dash system).

SP Office (Transmission), Panhala

Students gained exposure to communication systems in hilly terrain environments. The session covered wireless networks, antenna types, and long-distance communication reliability. Students also observed control room operations, monitoring systems, and communication protocols used in field coordination.



Report on Field Visit

3. Research Centre of Shivaji University-Panhala



Field Visit – Avkash Research Centre, Shivaji University (Panhala)

During the visit, students were introduced to various ongoing research activities at the centre, including environmental studies, biological research, and advanced laboratory techniques. Experts and research staff explained the importance of scientific investigation, data collection, and experimentation in solving real-world problems.

Students observed different laboratory instruments and learned about their uses in scientific experiments. They also gained knowledge about research methodology, sample analysis, and how projects are designed and carried out in a university research environment.

The visit helped students understand the importance of research in higher education and motivated them to pursue scientific careers. It also encouraged curiosity, observation skills, and teamwork among students.

Overall, the field visit was an informative and inspiring experience that enhanced the students' understanding of science beyond textbook.

Freshers' Welcome and Farewell Function

The Department of Electronics and Telecommunication Engineering, School of Engineering and Technology, Shivaji University, Kolhapur, organized **IGNITE 2K26: Freshers' Welcome and Farewell Function** on 06 May 2026 from 11:00 AM to 4:00 PM at the Auditorium Hall. The event was graced by **Dr. S. B. Chavan, Head of the Department of Electronics and Telecommunication Engineering**, and coordinated by **Mrs. S. S. Davari**. The program was conducted to welcome the Second Year B.Tech E&TC students and bid farewell to the Final Year B.Tech E&TC students. A total of 192 participants, including students, faculty members, and guests, attended the event. Academic rankers, achievers, and placed students were felicitated for their accomplishments. The Second-Year students introduced themselves, while Final Year students shared their experiences, memories, and valuable guidance with their juniors. The event also included motivational speeches, cultural performances, student interactions, and various entertainment games, creating a lively and enjoyable atmosphere. The function served as an excellent platform for strengthening bonds between junior and senior students while celebrating achievements and creating lasting memories.



Awareness programme on Mobile Tower Radiation (EMF) myths and the Sanchar Saathi App/Portal

The Awareness Programme on **Mobile Tower Radiation (EMF) Myths and the Sanchar Saathi App/Portal** was organized by the School of Engineering and Technology, Shivaji University, on 13th March 2026 from 11:30 AM to 2:00 PM. The programme was coordinated by **Dr. S. B. Chavan, Head of the Department of Electronics and Telecommunication Engineering (E&TC)**. The programme aimed to create awareness about EMF radiation facts and misconceptions and to educate participants about telecom safety initiatives of the Department of Telecommunications, Government of India. A total of 176 students and 16 faculty members participated in the event. The programme helped participants understand the facts related to Mobile Tower Radiation (EMF), dispel common myths, and learn how to use the Sanchar Saathi Portal and App for reporting lost or stolen mobile phones and verifying telecom connections issued in their name. The following key outcomes were achieved through the seminar:

- Understood facts and myths related to Mobile Tower Radiation (EMF).
- Learned telecom safety initiatives of the Department of Telecommunications.
- Learned to use the Sanchar Saathi Portal and App.
- Understood how to report lost/stolen mobile phones and verify telecom connections.



Interaction with students



Information about module

ROBO RACE EVENT [TECHFEST 2K26]

The **Robo Race** event was organized by the Department of Electronics and Telecommunication Engineering, School of Engineering and Technology, Shivaji University, on Friday, 6th March 2026, from 10:00 AM to 06:00 PM, as a part of **TECHFEST 2026**. The event was conducted with the encouragement of **Dr. S. B. Chavan, Head of the Department of Electronics and Telecommunication Engineering**, and coordinated by **Mrs. S. S. Davari**. The event provided a platform for students to design, control, and race manually operated robots on an obstacle track. A total of 241 students and 08 faculty members participated in the event. The competition improved participants' practical knowledge of robotics and control systems, enhanced problem-solving and analytical skills, developed teamwork and coordination, and encouraged innovation, creativity, and technical competence through hands-on learning. The event successfully contributed to the following learning and skill-development outcomes:

- Improved practical knowledge of robotics and control systems.
- Enhanced problem-solving and analytical skills.
- Developed teamwork and coordination abilities.
- Encouraged innovation, creativity, and technical competence



Inauguration of Robo -Race Event



Participant drives boat



First Prize distribution

Parent–Teacher Meeting

The **Parent–Teacher Meeting (PTM)** for Second Year B.Tech Electronics & Telecommunication students was conducted on 28th February 2026 from 11:00 AM to 1:00 PM at Room No. 204A, School of Engineering & Technology, Shivaji University, Kolhapur. The meeting was organized by the Department of Electronics and Telecommunication Engineering. **Dr. S. B. Chavan, Head of the Department of Electronics and Telecommunication Engineering, and Mrs. S. S. Davari, Coordinator,** facilitated the smooth organization and conduct of the Parent–Teacher Meeting. The meeting was attended by all faculty members of the department, who interacted with parents regarding students' academic performance, attendance, discipline, and overall development. The session provided valuable insights into students' progress, strengthened parent–teacher communication, enhanced awareness of academic expectations, and promoted collaborative efforts for the academic success and holistic development of students. The meeting successfully achieved the following outcomes:

- Improved parent–teacher communication.
- Enhanced awareness of students' academic progress and attendance.
- Strengthened parent–institution interaction.
- Encouraged collaborative support for student development.



Hands on Training session “Printed Circuit Design and manufacturing”

A two-day hands-on workshop on **PCB Design and Manufacturing using KiCAD Software** was conducted on 9th and 21st February 2026 for Second Year B.Tech Electronics and Telecommunication Engineering students. The workshop was organized by the Department of Electronics and Telecommunication Engineering under the direction of **Dr. S. B. Chavan**, Head of the Department of Electronics and Telecommunication Engineering, and coordinated by **Mrs. S. S. Davari**. The sessions were delivered by **Mr. Surajkumar B. Kalsait, Chief Technical Officer, Indium Tech, Kolhapur**, from 09:00 AM to 06:00 PM on both days. A total of 82 students participated in the workshop. The program provided practical training in PCB schematic capture and layout design using KiCAD software. Participants also gained hands-on experience in manufacturing their own printed circuit boards. The workshop enhanced students' PCB design skills and created awareness about entrepreneurial opportunities in the field of PCB design and development. The key outcomes of the session are as follows:

- Learned PCB schematic design using KiCAD.
- Developed PCB layout design skills.
- Manufactured their own printed circuit boards.
- Explored entrepreneurship opportunities in PCB design.



Resource person demonstration



Power supply PCB manufactured

Seminar / Hands on Training session “Robot building using Arduino”

Three-day workshop / Hands on training sessions were conducted for **robot club** members of S.Y. B. Tech students. **Dr. S. B. Chavan, Mr. Abhay Vasambekar, Mr. Saurabh Jagtap, Mr. Bhushan Chandane** guided and demonstrated the robot building using Arduino microcontroller. On first day introduction of electronics components like Arduino microcontroller, sensors, motors, motor drivers were given to students. On second day training session on programming was conducted. On the third day robot building was taught to students. Students fabricated their own robots on third day. The workshop was conducted on 3rd, 4th and 5th July 2025.



THE END
THANK YOU