



AISSMS

COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय



Approved by AICTE, New Delhi, Recognized by Government of Maharashtra
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC
(Id.No. PU/PN/Engg./093 (1992))
Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes

ELECTRICAL ENGINEERING

"We step up ,we transform"

NEWSLETTER

January-June 2025 | Volume 16

Vision :

- To be an excellent learning center in Electrical Engineering providing long term benefits to the society

Mission of the Department:

- To impart knowledge in the field of Electrical Engineering using contemporary Learning tools
- To promote research culture among students and faculty
- To serve society with deep awareness of social responsibility and ethics
- To collaborate with industry for value addition in academics



FROM THE PRINCIPAL'S DESK

“ I’m glad to signify that AISSMS College of Engineering has completed 30 grand years of its establishment. AISSMS COE as an outcome of academic excellence achieved, is consistently producing University gold medalists and top rankers in different branches of engineering. Faculty is actively involved in research and development. College has number of very high-end analytical, computational and experimental facilities at the disposal of students. I wish all the best to the aspiring students, employers and all other stakeholders in achieving their goals.”

-Dr. D.S. Bormane



FROM THE HOD'S DESK

“ It gives me immense pleasure to find that the department newsletter team is striving very hard to ensure a good quality newsletter. The Newsletter provides a platform for the students to showcase their literary skills. All round the semester, the faculty members and student are organizing and participating in different technical, co-curricular, extracurricular and sports activities. These efforts are needed to be applauded and encouraged. This also gives an opportunity to connect with the alumni who are eagerly waiting to know the development in the department. I extend my best and sincere wishes to the editorial team.”

-Dr. A.A. Godbole

FROM THE EDITOR'S DESK

“The Department's Editorial Board proudly introduces its latest creation - the Department Newsletter, offering a comprehensive glimpse into the dynamic activities and advancements within the realm of Electrical Engineering. Behind every stride forward lies a dedicated team working tirelessly, often behind the scenes, meticulously planning and executing endeavors. This newsletter serves as a platform to duly recognize and appreciate these collective efforts and their outcomes. This edition encapsulates the significant events spanning from January 2025 to June 2025, shedding light on the noteworthy achievements. Gratitude is extended to the diligent editorial team whose unwavering support has elevated this Newsletter to prominence.”

-Prof. R.S. Shinde

“No resistance can drop our potential”

EDITORS' BOARD

- Dr. D.S. Bormane (Principal)
- Dr. A.A. Godbole (HOD)
- Prof. R.S. Shinde (Faculty advisor)
- Prasad Gadhekar, BE
- Bhagyashree Gade, BE
- Sairaj Amle, TE
- Vasundhara Nikam, TE
- Shrawni Bhore, TE
- Sharvari Pathare, SE
- Vaishnavi Shukla, SE

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Visit us at: www.aiissmscoe.com



STUDENTS' ACHIEVEMENTS

	RANK	NAME	SGPA
BE	1.	Aishwarya Kokate	9.4
	2.	Vaibhavi Panval	9.20
	3.	Kasturi Ghodmare	9.15
	4	Sanika Kurade	9.10
	5	Tanaya Desale	9.00
TE	1,	Shreepad Kolhe	9.71
	2.	Anish Wandre	9.56
	3.	Shivani Hajare	9.24
	4.	Vaibhav Fegde	9.19
		Prathmesh Kute	
	5.	Rutik Rathod	9.10
SE	1.	Pawar Kartik Kailas	9.09
	2.	Pathare Sharvari Dadabhau	9.05
	3	Barave Diksha Dilip	8.77
		Shedge Vaishnavi Madan	
		Shukla Vaishnavi Ramesh	



STUDENTS' ACHIEVEMENTS

RESONANCE RACING -GOKART

Edgeline Championship 2025

- AIR 1 in Endurance
- AIR 1 in Best Design
- AIR 1 in Best Cost
- AIR 1 in Best Innovation
- AIR 2 Overall
- Best Woman Participant Award: Ekta Patbhaje



SAE INDIA EBAJA 2025: RESONANCE RACING E-BAJA

- Sales AIR 2
- VDE AIR 3
- Sustainability AIR 2
- Endurance AIR 5
- Maneuverability AIR 7
- Static Event overall 3
- Overall AIR 7



STUDENTS' ACHIEVEMENTS

- BEST FEMALE DANCER - FIRST PRIZE**

Pooja Ghatge from the BE Electrical department achieved significant recognition at the Firodia Karandak 2025. She achieved First in Best Dancer(Female), Third in Group Dance, First in Free Style Dance and Second in Set Design.



- BEST ACTING - SECOND PRIZE**

Aditi Kulkarni representing of BE Electrical garnered a remarkable achievement at the Firodia Karandak 2025. She achieved Second prize for Acting.

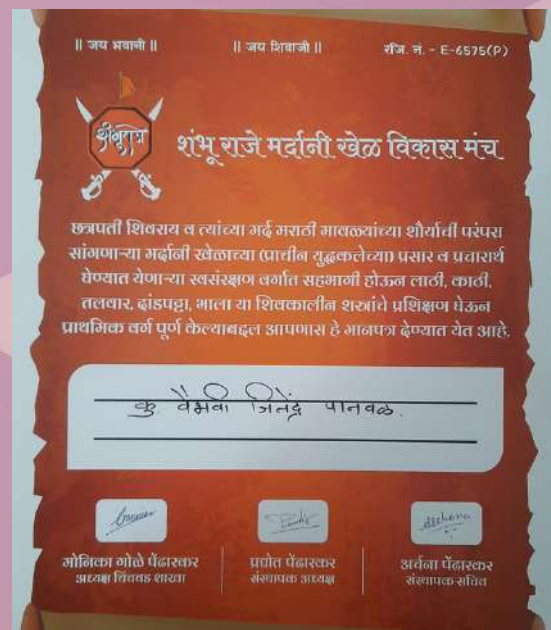


STUDENTS' ACHIEVEMENTS

Vasundhara Nikam a student of TE Electrical Selected in 51th Senior Women State level Handball(W) Championship. Matches were arranged at Nashik. Tournament held on 21st and 23rd March 2025.



Vaibhavi Panval, a student of B.E. Electrical, has completed the primary stage of training in Lathi Kathi and Dandpatta – traditional martial arts focused on self-defense and the battle tactics of the Mavalas of Chhatrapati Shivaji Maharaj.



STUDENTS' ACHIEVEMENTS

Prathmesh Malgunde, a BE Electrical student, has been selected for the Indian Naval Academy in the General Service (Electrical) branch through SSB Tech Navy at SSB Kolkata on 25th January 2025.



GATE QUALIFIED STUDENTS 2025

Name	Branch	Rank
Aman moon	Electrical Engineering	AIR-1871 Marks-41.67
Aditya Kharade	Electrical engineering	AIR-4522 Marks-31
Aditya Kakade	Instumentation Engineering	AIR-848 Marks-31

STUDENTS' ACHIEVEMENTS

Asim Mujawar student from TE Electrical participated in 'Aavishkar 25' a national level contest held on 17th & 18th Feburary 2025 at Goverment College of Engineering,Karad.



Vaibhavi Panval, Bagyashree Gade & Aditi Kulkarni participated at National level Project Competition conducted by Pune Institute of Computer and Technology held on 21st to 23rd March 2025. They also secured 1st position in competition.



STUDENTS' ACHIEVEMENTS

Aditya Kakade student from BE Electrical Published Research paper and got Best Research Paper Award for research paper titled 'Novel design of E-bicycle with pedal charging' in IETE Sponsored National Technical Paper Contest, National Level competition for publishing research paper.



Prathmesh Malgunde student from BE Electrical Presented a paper in AISPATJ 2025 organised by Institution of Engineers. And also he got best paper award in NTPC 2025 organised by Institution of Electronics and Telecommunication Engineers.



TECHNICAL ACTIVITIES

WORKSHOP

On 24th January 2025, the Electrical Department under the Institute of Engineers Club organized a one-day workshop and training session titled “Unravel the Secrets of Electrical Cables”. Conducted by Mr. Pradeep Ramrakhiani from Ravin Cables, The session, divided into three parts, covered various topics, including self-development, basic electrical equipment, and an introduction to electrical cables.



The Electrical Engineering Department organized workshop under BIS (Bureau of Indian Standards) from 18th to 20th February, during which students conducted a residential load survey as part of a hands-on awareness activity.

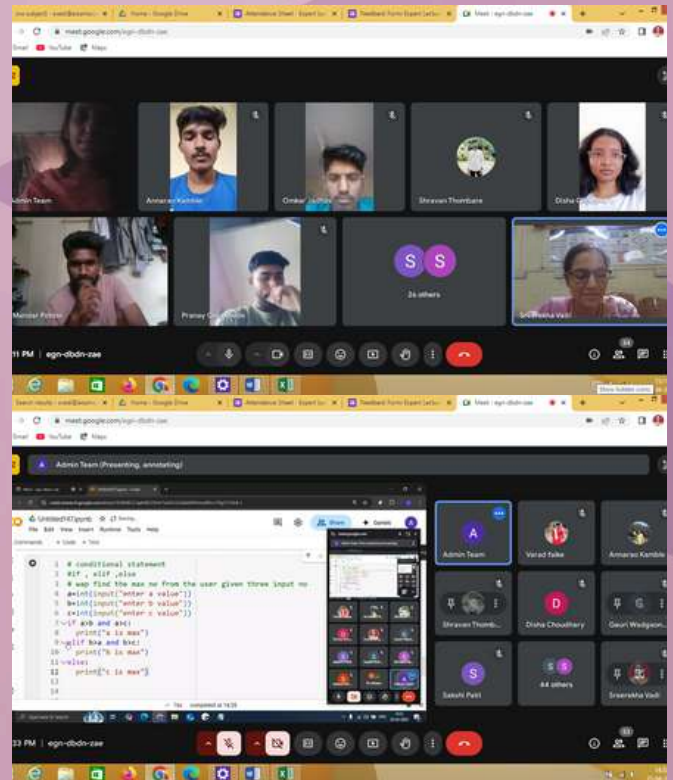
Student groups visited households to collect load data and educate residents about the importance of circuit breakers like MCBs, RCCBs, and ELCBs in ensuring electrical safety. They also spread awareness on safe earthing practices and encouraged the use of star-rated appliances to promote energy efficiency.



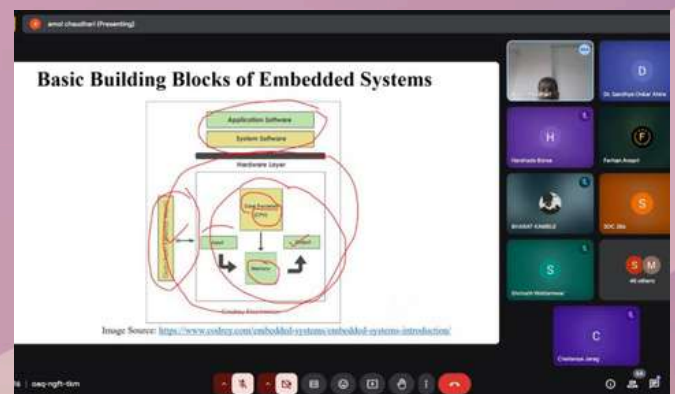
TECHNICAL ACTIVITIES

ONLINE EXPERT LECTURES

An expert lecture on Python Programming was organized for the Second Year Electrical Engineering students of AISSMS College of Engineering on 25th April 2025. The session was conducted online from 2:00 PM to 3:30 PM and was delivered by Ms. Anamika Banerjee, a Full Stack Web Developer from Ardent Computech Pvt. Ltd. Ms. Banerjee effectively explained the core programming constructs and demonstrated how they are used in real-world applications. It was a very interesting interactive session.



A guest lecture was conducted on 10th April 2025 by the Department of Electrical engineering, AISSMS College of Engineering, Pune. The lecture was delivered by Mr. Amol, a proud alumnus of the college, who is currently working in the field of Embedded Systems. The session was held online and was attended by students and faculty members interested in understanding the core concepts and applications of embedded systems.



TECHNICAL ACTIVITIES

BIS ACTIVITY

The Standards Carnival Event was held on 10th January 2025 at AISSMS COE, celebrating the 78th BIS Foundation Day. Students from SE and BE Electrical Engineering presented innovative projects aligned with BIS standards, including solar-powered systems and transformer testing. Notable achievements included a 1st prize in the presentation competition and a 3rd prize in the project competition. The event emphasized the role of standards in sustainability, showcasing student talent and reinforcing the importance of BIS in engineering innovation.



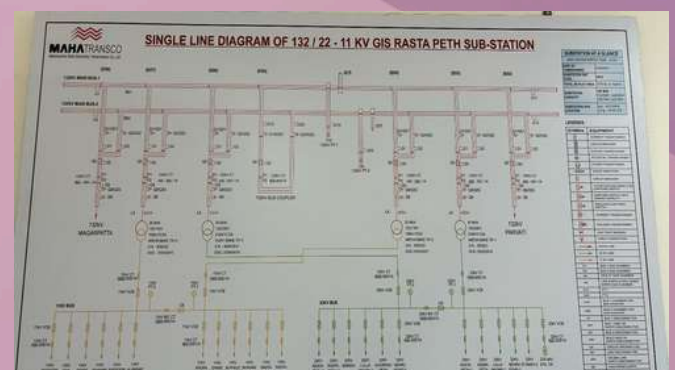
The Electrical Engineering Department organized a presentation competition under the Bureau of Indian Standards (BIS) on 5th March. All group members presented their survey activities as part of a hands-on awareness initiative. Students conducted residential load surveys, collected data from households, and educated residents on the significance of circuit breakers such as MCBs, RCCBs, and ELCBs to ensure electrical safety. The presentations also emphasized the advantages of solar water heaters and 5-star rated appliances in reducing electricity consumption and promoting energy efficiency.



TECHNICAL ACTIVITIES

INDUSTRIAL VISITS

On February 14, 2025, BE Electrical students visited the MSEDCL 132/22/11 kV Gas Insulated Substation (GIS) at Rasta Peth, Pune. This substation plays a crucial role in the city's power distribution network and receives its primary supply from the Magarpatta 220/132 kV substation. Operated by MSETCL, it uses SF₆ gas-insulated technology to enclose circuit breakers, transformer windings, CTs, and PTs within secure gas chambers, ensuring compactness and safety. The objective of the visit was to understand the substation's operation and how relay panels coordinate with equipment during fault conditions.



On 8th April 2025, under the guidance of Prof. Ponkshe, students from the TE Electrical Engineering visited the Jejuri Substation, a crucial node in Maharashtra's power transmission infrastructure. This visit was a part of the academic curriculum for the Power Systems-II (PS-2) subject and aimed to enhance students' understanding of substation operations, protection schemes, equipment configuration, and the integration of control systems. This report presents an in-depth account of the visit, the components observed, the technical interactions held, and the knowledge gained from the experience.



TECHNICAL ACTIVITIES

INDUSTRIAL VISITS

On 24th April 2024, BE Electrical Engineering students visited the Maharashtra State Load Despatch Centre (SLDC) Kalwa, which oversees real-time grid operations in Maharashtra. Operated by MSETCL, SLDC ensures safe, reliable, and economical power transmission. Students learned about demand forecasting, 15-minute interval scheduling, and real-time grid monitoring using Siemens SCADA. Mr. Mangesh Phutane explained SLDC's coordination with generation and distribution companies, offering valuable insights into grid management, system stability, and the technological infrastructure supporting the state's electricity network.



TECHNICAL ACTIVITIES

PROJECT COMPETITION

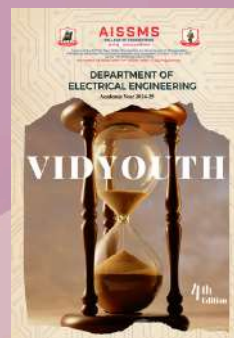
The Department of Electrical Engineering, AISSMS College of Engineering, Pune, organized a State Level Project Competition on 21st April 2025 in Offline/Online mode, under the Institution of Engineers (India) – Student's Chapter (Electrical Engineering). The event was inaugurated in the presence of Chief Guest Mr. Ravindra Vishwakarma, Principal Dr. D. S. Bormane, HOD Dr. A. A. Godbole, faculty members, and students.

The competition saw enthusiastic participation from students across the state, showcasing innovative projects.



TECHNICAL MAGAZINE 'VIDYOUTH'

Fourth edition of Technical Magazine named "VIDYOUTH" was published by Department of Electrical Engineering. Under the Guidance and Coordination of Dr. A.A. Apte. The grand inauguration of 'VIDYOUTH' magazine was done by the chief guest Dr. D.S. Bormane. The students who worked hard for the success of magazine were greatly praised by the chief guest.



STUDENT'S ACTIVITIES

ALUMNI MEET 2025

On 26 April 2025, the Electrical Engineering Department of AISSMS College of Engineering conducted an online Alumni Meet, coordinated by Prof. S.M. Chaudhari. The event was attended by the HOD, faculty, and alumni, who shared their professional journeys and fond memories. Alumni were updated on the college's recent developments and academic advancements. Mr. Atif Banderkar spoke about his work life abroad, while Ms. Nishi Choubey shared her entrepreneurial journey. Valuable insights into career opportunities and industry trends were discussed. The virtual format allowed global participation, fostering nostalgia, renewed connections, and a strong sense of inspiration among all attendees.



FAREWELL OF BATCH 2021-25

The farewell for the 2025 batch was organized by TE Electrical students on 2 May 2025. Events like dance, Balloon Keep Up with Twist, and musical chairs were held. BE students shared their engineering journey and expressed heartfelt gratitude to the department for their support and guidance throughout the years.

