

SANJIVANI COLLEGE OF ENGINEERING

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited 'A' Grade by NAAC & Affiliated to SPPU University) Kopergaon – 423 603, Maharashtra

Department of Electrical Engineering



VIDYUTVIYOG

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Sanjivani Rural Education Society's
Sanjivani College Of Engineering, Kopargaon
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)
At Sahajanannagar, Post Shingnapur 423603,
Tal. Kopargaon, Dist. Ahmednagar (MS)



DEPARTMENT OF ELECTRICAL ENGINEERING

Vision of Department

To produce quality electrical engineers with the knowledge of latest trends, research technologies to meet the developing needs of industry & society

Mission of Department

- M1: To impart quality education through teaching learning process.
- M2: To establish well-equipped laboratories to develop R&D culture in contemporary and sustainable technologies in Electrical Engineering.
- M3: To produce Electrical Engineering graduates with quest for excellence, enthusiasm for continuous learning, ethical behavior, integrity and nurture leadership.

From HOD's Desk



Dr. D. B. Pardeshi
Head of Department

Dear Spectators,

As the Head of the Department of Electrical Engineering, I am proud to share the numerous achievements and strides our department has made in both academic and extracurricular domains. At our institution, we firmly believe in fostering a holistic educational environment that not only prioritizes academic excellence but also encourages our students to excel in various fields outside the classroom. Our students consistently demonstrate outstanding academic performance, securing top ranks in university examinations and earning accolades for their innovative projects and research contributions. This success is a testament to the rigorous curriculum and the dedicated efforts of our esteemed faculty members who continually strive to provide the best educational experiences. Beyond academics, our students are shining examples of versatility and talent. They actively participate in national and international competitions, showcasing their skills in robotics, circuit design, and renewable energy projects. Their innovative solutions and dedication have earned them numerous awards and recognitions, making us immensely proud. We also place a strong emphasis on developing soft skills and leadership qualities among our students.

Through various workshops, seminars, and training programs, we ensure that our students are well-prepared to tackle the challenges of the professional world. Our alumni network is a testament to this, with many of our graduates holding prestigious positions in top companies and research institutions worldwide. In addition to their technical prowess, our students are also actively involved in social initiatives, demonstrating a strong sense of community and responsibility.

From Editor's Desk



Ms. D. A. Narayane
Co-ordinator

Dear Readers,

As the Editor of our departmental newsletter, I am delighted to share that we are committed to providing comprehensive coverage of all activities, both academic and non-academic, throughout the year. Our aim is to highlight the diverse achievements and events that define our vibrant community. From academic milestones and innovative projects to extracurricular successes and social initiatives, our newsletter captures the essence of our department's dynamic spirit. We take pride in showcasing the hard work, creativity, and dedication of our students and faculty, ensuring that every accomplishment is celebrated and recognized.

SPORTS



The Department of Electrical Engineering won first place in the Inter-Department Basketball Tournament. This win shows that our department excels not only in academics but also in sports. The competition was tough, with many departments participating and bringing their best players. However, the Electrical Engineering team stood out with their excellent teamwork, smart strategies, and determination.

From the first game, our team showed great skill and coordination. They executed their plays well, defended strongly, and showed great endurance. The semi-final match against the Department of Mechanical Engineering was particularly challenging.

It was a close game, but our team's persistence and smart play led them to victory, moving them into the finals. In the final match, our team faced the Department of Computer Science. The pressure was high, but our players stayed calm and focused. The team captain led by example, directing plays and encouraging the team. The game was very close, with both teams scoring neck-and-neck. In the last moments, one of our star players made a brilliant three-pointer, securing the win and sparking celebrations among our supporters.

PROJECT COMPETITION



The Department of Electrical Engineering has achieved a remarkable milestone by securing the first position in the Inter-Department Project Competition.

The winning project, titled "Kolpani Yantra," is an innovative agricultural solution developed under the expert guidance of the Head of the Department (HOD).

The competition featured various departments showcasing their best projects, with each team striving to present unique and impactful ideas. The Electrical Engineering team stood out with "Kolpani Yantra," a project designed to revolutionize agricultural practices. This project aimed to address critical issues faced by farmers, such as water management and efficient irrigation.

The project team, comprising enthusiastic and dedicated students, worked tirelessly to develop this innovative solution. "Kolpani Yantra" integrates modern technology with traditional agricultural methods, ensuring both sustainability and efficiency.

The Department of Electrical Engineering recently took a significant step towards enhancing the educational experience of its students by organizing a session with a renowned foreign expert. This initiative aims to provide students with global perspectives, advanced knowledge, and inspiration to excel in their academic and professional pursuits. The session was held to bridge the gap between classroom learning and real-world applications. Understanding the importance of global exposure in today's interconnected world,



TECHNICAL EVENTS



The Department of Electrical Engineering recently took a commendable initiative to honor the academic excellence of its students by facilitating the class toppers from each year. First Year (FY), Second Year (SY), Third Year (TY), and B. Tech from first posit



This initiative aims to recognize and motivate students for their hard work and dedication, fostering a culture of academic excellence and inspiration. The facilitation ceremony was held in the department classrooms, attended by faculty members, students. The atmosphere was filled with anticipation and excitement as the department prepared to celebrate the achievements of its top-performing students. The Head of the Department (HOD) inaugurated the event, highlighting the importance of recognizing academic accomplishments and encouraging students to strive for excellence.

SOCIAL EVENTS



The Department of Electrical Engineering recently celebrated a significant achievement by felicitating Miss Anjali Nikam, a third-year student, for securing a prestigious Mitacs Internship. This honor reflects her exceptional academic and research capabilities and underscores the department's commitment to nurturing talented individuals.

The felicitation ceremony took place in the department's seminar hall, attended by faculty members, students, and proud family members. The Head of the Department (HOD) opened the event by highlighting the importance of internships like Mitacs, which offer invaluable international research opportunities and exposure to cutting-edge developments in various fields.

Miss Anjali Nikam's achievement is particularly noteworthy as the Mitacs Internship is highly competitive, attracting applications from top students across the globe. Her selection for this program is a testament to her hard work, dedication, and academic excellence. During her internship, Anjali will have the opportunity to work with leading researchers in Canada, gaining hands-on experience and contributing to innovative projects.



The Department of Electrical Engineering recently organized an impactful drive at local schools near the college to educate young students about the importance of saving electricity. This initiative aimed to raise awareness about energy conservation and instill responsible habits in the next generation.

The drive was conducted in several schools over the course of a week, with faculty members and enthusiastic students from the department leading the sessions. The goal was to make the topic engaging and accessible to children, ensuring they understood the significance of saving electricity and how it impacts both the environment and their daily lives. Each session began with a simple and interactive presentation explaining what electricity is, how it is generated, and why it is a precious resource.

The Department of Electrical Engineering recently honored a dedicated team of students for their exceptional performance in organizing a major departmental event. This felicitation ceremony highlighted the students' hard work, teamwork, and organizational skills, underscoring the department's commitment to fostering leadership and collaborative experiences. The event took place in the department's seminar hall, attended by faculty members, students, and staff.

The Head of the Department (HOD) inaugurated the ceremony, emphasizing the importance of extracurricular activities in enhancing students' overall development. He praised the student team for their meticulous planning and flawless execution of the event, which had received widespread acclaim from participants and attendees alike. The honored team had taken the lead in organizing the annual Electrical Engineering Symposium, a significant event that brings together students, faculty.



The Department of Electrical Engineering recently organized an educational visit for its students to the nearest electrical transformer station. This visit aimed to provide hands-on learning experiences, bridging the gap between theoretical knowledge and real-world applications.

The visit was meticulously planned to ensure that students could gain a comprehensive understanding of transformer operations and their role in the electrical power distribution system. Accompanied by faculty members, the students arrived at the transformer station, eager to observe and learn from the practical aspects of their studies. Students were taken through various sections of the station, where they observed the different components of the transformer, such as the core, windings, and cooling systems.



Dr. D. B. Pardeshi, the Head of the Department of Electrical Engineering, recently held a meeting with third-year students to discuss the future prospects in electrical engineering. Dr. Pardeshi highlighted the evolving landscape of the industry, emphasizing emerging fields such as renewable energy, smart grids, and advanced robotics. He encouraged students to stay updated with technological advancements and to actively engage in internships and research projects. Dr. Pardeshi also stressed the importance of interdisciplinary skills and continuous learning, inspiring students to seize opportunities and prepare for dynamic and rewarding careers in electrical engineering. The Head of the Department (HOD) inaugurated the ceremony, emphasizing the importance of extracurricular activities in enhancing students' overall development. He praised the student team for their meticulous planning and flawless execution of the event, which had received widespread acclaim from participants and attendees alike.



Thank
You