

# VIDYUTVIYOG

Newsletter

**VOLUME - I**

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**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**

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. P. R. Lokhande**  
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.

## ENGAGED EXCELLENCE

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The Electrical Engineering department at a modern university typically offers a dynamic range of opportunities for students to engage both within and outside the academic environment. These activities are integral to developing a well-rounded skill set and fostering a deep understanding of the field. Outside the college, the department supports student involvement in internships, co-op programs, and research partnerships with industry leaders. These experiences are crucial for gaining practical skills and understanding the demands of the profession. Students often have the chance to work on cutting-edge projects with companies, attend industry conferences, and engage in community outreach programs. This exposure helps bridge the gap between academic learning and real-world application, enhancing both professional development and career prospects. Additionally, extracurricular activities such as engineering competitions, hackathons, and innovation challenges are encouraged. These events not only test students' technical abilities but also their creativity and teamwork skills. By participating in

these activities, students gain a competitive edge and build a strong professional network. The commitment of the Electrical Engineering department to student development both academically and beyond the classroom. It highlights the integration of rigorous coursework with hands-on experience and industry engagement

## ENERGY DRIVE

The Electrical Engineering Department recently organized an "Energy Literacy Drive" aimed at raising awareness about sustainable energy practices among students and the wider community. The drive focused on educating participants about the importance of energy conservation, the role of renewable energy sources, and the impact of energy consumption on the environment. Through a series of workshops, seminars, and interactive sessions, the department engaged students in discussions about the latest advancements in energy technologies, the significance of energy-efficient practices, and the potential of alternative energy sources like solar, wind, and hydroelectric power. Expert speakers from the industry and academia shared insights into the challenges and opportunities in the energy sector, inspiring participants to consider careers in this vital field. The drive also included practical demonstrations and hands-on activities, enabling students to apply their knowledge in real-world scenarios.



## RANGOLI COMPETITION



On the occasion of Women's Day, the Electrical Engineering and Computer Engineering departments organized a Rangoli competition under the banner of the Lilawati Award, specifically for all the girl students of the SCOE. The event aimed to celebrate and empower women through creative expression, providing a platform for students to showcase their talents and perspectives.

The competition featured themes that resonate deeply with the empowerment and advancement of women, including self-defense, literacy, life skills, and technology and women. Each rangoli design vividly captured these themes, highlighting the importance of equipping women with essential skills and knowledge to navigate and succeed in various aspects of life. The event not only fostered a spirit of creativity and camaraderie among the participants but also emphasized the departments' commitment to promoting gender equality and women's empowerment.

## QUIZ COMPETITION



The Electrical Engineering Department organized an engaging quiz competition at the departmental level, aimed at fostering a deeper understanding of core concepts among students. The event attracted enthusiastic participation from students across all years, creating a vibrant atmosphere of healthy competition. The quiz covered a wide range of topics, including circuit analysis, power systems, control engineering, and recent advancements in the field, challenging participants to apply their theoretical knowledge in practical scenarios. This initiative not only provided an opportunity for students to showcase their expertise but also encouraged collaborative learning as teams worked together to tackle complex questions. The competition was structured in multiple rounds, with increasing levels of difficulty, ensuring a thorough assessment of the participants' knowledge. Faculty members served as judges, offering valuable feedback and insights throughout the event.

## EXPERT LECTURE



The Electrical Department proudly organized an expert lecture featuring Dr. M.B. Gawali, focusing on international opportunities for first-year B.Tech Electrical Engineering students. This enlightening session aimed to equip students with essential knowledge and insights about global career prospects in the field of electrical engineering. Dr. Gawali, a distinguished expert in the domain, shared his extensive experience and provided valuable guidance on various aspects, including Higher Education Abroad, Global Job Market, Internships and Exchange Programs, Networking and Professional Development, Challenges and Rewards.

The lecture was interactive, with students actively participating in the Q&A session, seeking advice on their specific interests and aspirations. Dr. Gawali's insights not only broadened the students' understanding of global opportunities but also inspired them to think beyond local boundaries and aspire for international success. The Electrical Department is committed to providing such enriching experiences.

## SPORTS



Congratulations to Mr. Sanket Rahane, a distinguished student of our Electrical Engineering Department, for his outstanding achievement in securing a prize at the zonal-level volleyball tournament. Your dedication, teamwork, and perseverance on the court have brought pride to our department and the entire institution. This accomplishment reflects not only your athletic prowess but also your ability to excel in diverse fields. We celebrate your success and look forward to witnessing more of your remarkable achievements in the future. Keep up the great work, Sanket!

<b>Senior State Tournament Selection</b>					
Sr. No.	Event Name	Participant Name	Organized By	Date	Achievements
1	Softball (Men's)	1 Abhijeet Popalghat	Zonal Sports Complex, Aurangabad		
<b>INTER-ZONAL TOURNAMENT PARTICIPATION</b>					
1	HOCKEY (MEN'S)	1 TEJAS NIKAM 2 VAIBHAV KHULE 3 RUSHIKESH GAYKHE	BABURAOJI GHOLAP COLLEGE, SANGVI, PUNE.	03 TO 04 NOV. 22	PARTICIPATION
2	VOLLEYBALL (WOMEN'S)	1 RUTUJA GHANGAV	RADHABAI KALE WOMEN COLLEGE, AHM EDNAGAR.	20 TO 21 OCT. 22	PARTICIPATION
3	BASE BALL (MEN'S)	1 ABHIJEET POPALGHAT	H. P. T. COLLEGE, NASHIK.	27 & 28 DEC.22	THIRD PLACE
<b>INTER-COLLEGIATE TOURNAMENT PARTICIPATION</b>					
1	KHO-KHO (WOMEN'S)	1 DHANSHREE KATKAR	NEW ARTS, COM. AND SCL. COLLEGE, AHMEDNAGAR	08/10/2022	PARTICIPATION
2	KHO – KHO (MEN'S)	1 PANKAJ MAHAJAN 2 MANGESH BARSHILE 3 ABHIJEET KEKANE 4 SIDDHESH KAMBHIRE	NEW ARTS, COM. AND SCL. COLLEGE, AHMEDNAGAR	12/10/2022	PARTICIPATION
3	HOCKEY (MEN'S)	1 TEJAS NIKAM 2 VAIBHAV KHULE 3 RUSHIKESH GAYKHE 4 MAHESH MORE 5 RUSHIKESH DHUMANE	SANGMANER COLLEGE SANGAMNER.	13/10/2022	RUNNERS - UP
4	VOLLEYBALL (WOMEN'S)	1 RUTUJA GHANGAV 2 RUTUJA DARPEL	RADHABAI KALE WOMEN COLLEGE, AHMEDNAGAR.	17/10/2022	WINNER



4	VOLLEYBALL (WOMEN'S)	1 RUTUJA GHANGAV 2 RUTUJA DARPEL	RADHABAI KALE WOMEN COLLEGE, AHMEDNAGAR.	17/10/2022	WINNER
5	FOOTBALL (MEN'S)	1 ABHIJEET POPALGHAT 2 ADITYA KOTE	AHMADNAGAR COLLEGE, AHMADNAGAR	20/10/2022	PARTICIPATION
6	VOLLEYBALL (MEN'S)	1 SANKET RAHANE	AMRUTVAHINI ENGINEERING COLLEGE, SANGAMNER.	02/11/2022	PARTICIPATION
7	BASKETBALL (MEN'S)	1 NILESH AHIRE	AHMEDNAGAR COLLEGE, AHMADNAGAR	06/11/2022	SEMI FINAL
8	ATHLETICS (WOMEN'S)	1 PAYAL WAGHMARE 2 DHANASHRI KATKAR	R.B.N.B. COLLEGE, SHRIRAMPUR.	11/11/2022	PARTICIPATION
9	CRICKET (MEN'S)	1 ABHIJEET POPALGHAT 2 . KARUN PAGETRA 3 MUSTAFA SAYYAD	P.V.P. COLLEGE, LONI. AND DR.V.P.ENGINE ERING COLLEGE, LONI.	24/11/2022 & 25/11/2022	PARTICIPATION
10	SOFTBALL (MEN'S)	1 ABHIJEET POPALGHAT	SANGAMNER COLLEGE, SANGAMNER.	29/11/2022	SEMI FINAL
11	BASE BALL (MEN'S)	1 ABHIJEET POPALGHAT 2 MUSTAKIM SAYYAD	SANJIVANI COLLEGE OF ENGINEERING, KOPARGAON.	22/11/2022 & 23/11/2022	WINNER



### National Level Inter – Engineering Sports Event

Sr. No.	Event Name	Participant Name	Organized By	Date	Achievements
1	Baseball (Men's)	1 PadaleDipak 2 BalveShubham 3 ChaudhariDipak	MIT World Piece University, Pune	18 <sup>th</sup> to 22 <sup>nd</sup> December 2021	Runner Up

### Inter – Zonal Tournament Selection:-

1	Hockey (Men's)	1 NilkamTejas 2 KhuleVaibhav 3 GaykeRushikesh	BabujiGholap College, Sangvi Pune	19/11 to 20/11/2021	Participation
2	Softball (Men's)	1 Chaudhari Deepak 2 BalveShubham	Abedalnamdar College, Pune	21/02 to 22/02/2022	2 <sup>nd</sup> Place
3	Fencing (Women's)	1 SamikshaBaviskar	AbasahebGarware College, Pune	26/12 to 27/12/2021	Participation
4	Basketball (Men's)	1 Borawake Nikhil	Modern College of Engineering, Pune	05/12 to 06/12/2022	Participation
5	Baseball (Men's)	1 Padale Deepak	T.C. College Baramati	06/03 to 07/03/2022	3 <sup>rd</sup> place

### Inter-Collegiate Tournament Participation

1	Hockey (Men's) Selection trails	1 NikamTejas 2 KhuleVaibhav 3 GaykeRushikesh	Sangmaner College Sangamner	16/11/2021	Winner
2	Volleyball (Women's)	1 RutujaGhangav 2 RutujaDarpel 3 HarshadaKhule	SantDnyaneshwar College, Newasa	11/12/2021	Participation
3	Softball (Men's)	1 PadaleDipak 2 BalveShubham 3 ChaudhariDipak	Sangamner College, Sangamner	15/02/2022	Participation
4	Basketball (Men's)	1 DigheRitesh 2 Borawake Nikhil 3 Pathe Pratik	PremrajSarda College, Ahmadnagar	03/12/2021	Participation
5	Badminton (Men's & Women's)	1 Jogi Aditya	New Law College, Ahmadnagar	30/11/2021	Participation
6	Fencing (Men's & Women's)	1 DarpelRutuja	New Arts College, Ahmadnagar	16/12/2021	Participation
7	Baseball (Men's)	1 PadaleDipak 2 BalveShubham 3 ChaudhariDipak	K. J. Somaiyya College, Kopargaon	06/01 to 07/01/2021	Runner Up

## TALK ON SESSION

The Department of Electrical Engineering recently organized an enlightening talk session focused on international opportunities in the power sector. This event was a significant initiative aimed at broadening the horizons of our students and faculty, exposing them to the vast potential and diverse career prospects available in the global power industry. With the rapid advancements in technology and the increasing emphasis on renewable energy sources, the power sector has become a dynamic field offering numerous opportunities for innovation, growth, and development on an international scale.

The session was meticulously planned to provide participants with valuable insights into the global power market, highlighting the trends, challenges, and emerging opportunities in different regions of the world. Renowned experts from the industry were invited to share their experiences and knowledge, offering a comprehensive overview of the international landscape of the power sector. These experts delved into various topics, including the integration of renewable energy, advancements in smart grid technology, energy storage solutions, and the impact of international policies on the power industry. They also discussed the growing demand for skilled professionals in areas such as energy management, power system design,

and sustainable energy solutions, emphasizing the need for engineers to stay updated with the latest technologies and global trends. One of the key highlights of the session was the discussion on the different career paths available to electrical engineers in the international power sector. The speakers provided valuable guidance on how to pursue opportunities abroad, including tips on building a strong professional network, understanding the certification requirements in different countries, and navigating the challenges of working in a multicultural environment. They also addressed the importance of continuous learning and professional development, encouraging students to seek out internships, research opportunities, and collaborations that can enhance their skills and make them more competitive in the global job market.

# Newsletter Team 2023

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Departmental Newsletter Committee



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