



Sanjivani's SPECTRUM

(A fortnight News Bulletin of Sanjivani College of Engineering, Kopergaon)

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FROM THE CHAIRMAN

I am proud of the success of Sanjivani Techfest 2K25, showcasing the talent and innovation of our students. Special thanks to ITERA and SAC for organizing this event. Our gratitude to all the distinguished guests. Let's continue fostering creativity, excellence, and collaboration in all our endeavors.



Shri Nitinrao S. Kolhe
The Chairman



FROM THE MANAGING TRUSTEE

I am delighted to see the remarkable success of Sanjivani Techfest 2K25, an event that highlighted the innovation, dedication, and teamwork of our students. A special thanks to the ITERA and SAC teams for their efforts. Let's continue to encourage creativity and excellence, shaping a brighter future for our students

Shri Amit Kolhe
The Managing Trustee

FROM THE DIRECTOR'S DESK

It brings me great joy to witness the immense success of Sanjivani Techfest 2K25. The event was a true reflection of our students' creativity, hard work, and collaboration. My heartfelt thanks to ITERA, SAC, and all participants. Let's continue to innovate and strive for excellence in every endeavor.



Dr. A.G. Thakur
The Director, SCOE



The Start-up Pitch Competition: Tech-Sanjivani 2k25



The Start-up Pitch Competition - Tech-Sanjivani 2k25, held on 8th February 2025, witnessed enthusiastic participation from various college students, who showcased their innovative and scalable business ideas. A total of 34 teams, each consisting of 2 to 3 members, presented their start-up pitches, followed by a Q&A session with the judges. The evaluation criteria included innovation, feasibility, market potential, and presentation skills. The event provided students with a valuable learning experience, expert feedback, and networking opportunities, fostering their entrepreneurial spirit. The competition concluded with Mr. Samir Shaikh & Team (ETC, SCOEK) securing first place (₹5000 + Certificate), Mr. Gunjal Pratik & Team (Amrutvahini College of Engineering,

Sangamner) as the first runner-up (₹3000 + Certificate), and Miss Yamini Patil & Sayyad Ahmad Raza (MTX, Sanjivani College of Engineering, Kopergaon) as the second runner-up (₹2000 + Certificate). The well-organized event received positive feedback from participants and judges, inspiring students to refine their entrepreneurial skills and contribute to future start-up ecosystems.

Racing Towards Innovation: Robo Race at Tech Fest 2k25!!

The Robo Race event was successfully organized as part of the National Level Tech Fest by the Mechatronics Engineering Department under the coordination of Prof. Puja Thorat, along with student coordinators Gaurav Garad and Sakshi Jadhav. The track, uniquely designed with the name SRES using natural elements in an open auditorium space, was built under the guidance of student coordinators Rushi Pawar, Rhushikesh Autade, Rohan Watekar, and Karan Shelke, with significant contributions from all TY students.

The event was judged by Prof. Aditya Gaikwad, HoD of the Computer Science Department at Sanjivani Academy, and Dr. Sidhant Kulkarni, IQAC Coordinator of the Mechatronics Department. The event was successfully executed with passion, dedication, and teamwork, with Sakshi Jadhav anchoring the session. The event was conducted under the motivation and inspiration of Respected HoD, Dr. R.A. Kapgate of the Mechatronics Engineering Department!





Drone Assembly Challenge: 8th Feb 2025

As part of the National Level Tech-Fest, Mechatronics department successfully hosted the Drone Assembly Challenge, marking another exciting event. The challenge was coordinated by Prof. Yogesh Dighe and student Sai Bankar, with Prof. Narkhede from KBP Polytechnic College as the external guest and Prof. A. A. Kondekar as the internal examiner. Participants were provided with a drone kit and tasked with assembling it within a given timeframe. A proud moment for our department, as all three winners of the event were from the Mechatronics Department of our college.

Innovate, Implement, Inspire: Showcasing the Future of IoT!

The Department of Information Technology, under the banner of ITERA, successfully organized the IoT Project Exhibition on 4th February 2025 as part of CIA activities. Third-year IT students showcased their innovative IoT projects on various topics, demonstrating creativity, technological excellence, and solutions aimed at benefiting society. The event was inaugurated by Dr. M. A. Jawale, Head of the IT Department, and was coordinated by Dr. R. R. Nikam and Dr. N. S. Patankar..



Code. Compete. Conquer!- Information Technology and CSE



We are excited to announce that the ITERA and CSI Student Association of the Information Technology Department at Sanjivani College of Engineering, Kopargaon, successfully conducted the CodeWar competition as part of Sanjivani Tech Fest 2K25 on 8th February 2025. The event witnessed enthusiastic participation, intense competition, and exceptional problem-solving skills from talented coders. Hosted on HackerRank, it was a thrilling competition focusing on DSA and problem-solving challenges. Congratulations to Ms. Santoshi

Kadam for securing 1st place and Mr. Vivek Sahane for securing 2nd place!

Innovation Meets Agriculture : KrushiKalp for a Smarter Future!!

Our team of IT has been selected to participate in Ideathon 2025 at the 54th National Level ISTE Faculty Convention, which will be held at Lamrin Tech Skill University, Ropar, Punjab. The event will take place on 13th and 14th February 2025. Our team secured the Consolation Prize for Good Presentations in Ideathon 2025 with their innovative idea titled "KrushiKalp: Revolutionizing Agriculture Through Technology." The team was led by Abhay Petkar, along with members Janhavi Rakibe, Kalyani Daine, and mentored by Prof. Umesh Sangule.





Pushing Boundaries in Quantum Learning: A New Era of Technology

We are thrilled to share that the book chapter titled "Revolutionizing Learning with Qubits: A Review of Quantum Machine Learning Advances" has been published as part of the book "Quantum Computing Models for Cybersecurity and Wireless Communications", published by Wiley (Scopus indexed). This significant achievement is the result of the Seminar work conducted by our TY students: Shatakshi Bhusari, Aniket Badakh, Kalyani Daine, and Nikita Gagare. The chapter was guided by Prof. Prasad Mutkule and highlights cutting-edge advancements in Quantum Machine Learning. Congratulations to the entire team for this remarkable contribution to the field of Quantum Computing

Victory Through Teamwork: IT Department Shines!



We are thrilled to announce the excellent performance of the IT Department at the Annual Social Gathering, held from 12th February to 14th February 2025. With sheer determination, teamwork, and incredible performances across various events, the IT Department emerged victorious, winning the General Championship!

Grace, Rhythm, and Victory: Well Done, Team!

A huge congratulations to Ms. Shatakshi Bhusari, Ms. Harshada Ahire, and Ms. Snehal Athare from the IT Department for securing 3rd Prize at the Dance Competition during the Annual Social Gathering, Udan-2025!





Leading with Innovation: Best of Luck, Soham!

We are delighted to announce that Mr. Soham Deshmukh from S.Y. B.Tech. has been selected as the AWS Cloud Club Captain at Sanjivani College of Engineering on 15th February 2025. He will be representing the Sanjivani College of Engineering AWS Cloud Club at the International Level.

A Step Towards Innovation : Sanjivani Techfest 2K25 Shines!

Departmental Association ITERA, in collaboration with the Student Council SAC, successfully organized the Sanjivani Techfest 2K25 on 8th February 2025. The event saw an enthusiastic participation of 95 students, showcasing the talent and creativity within our college. We were honored to have a distinguished presence at the event, with notable guests including Mr. Lalit Boob, President of Ambad Industries and Manufacturers Association, Mr. Alok Kanani, Chairman of the Industry Institute Interaction Committee, Mr. Ranjit Sanap, Executive Committee Member, Director of Super Tech Industries, Mr. Rahul Gangurde, Entrepreneur, Hon'ble Nitin Dada Kolhe Saheb, Chairman of Sanjivani Group of Institutes, Mr. Vijay Naidu, CEO of Sanjivani Group of Institutes, and Dr. M. A. Jawale, Head of the IT Department.



Sanjivani @ Eklavya Ashramshala Takali: Mechatronics

On 27th January External social activity- Republic Day & Makar Sankranti Celebration @ Sanjivani Eklavya Ashramshala Takali under the banner of EMCC of our Mechatronics Engineering Department was organized. Event was conducted under the co-ordination of EMCC co-ordinator Prof. Puja Thorat and Dr. R. A. Kapgate.HOD. We are thankful for their continuous support, motivation and inspiration to each student to make this activity successful.

Innovation meets excellence: Electrical Engineering

On 8th Feb 2025, under the banner of Sanjivani Tech Fest 2k25, the Electrical Engineering Students' Association (EESA) organized a thrilling Project Competition, where our talented students from Ty BTech delivered an outstanding performance. We are incredibly proud to announce that Om Kulkarni, Sahil Revgade, Rushikesh Kshirsagar, and Saish Palande clinched the Second Prize at this prestigious event. Congratulations to the winners for making us proud at the Sanjivani Tech Fest 2k25.





Celebrating the vibrant spirit of Punjab: Electrical Engineering

On 12th Feb 2024, the Electrical Engineering Department recently organized a vibrant and exciting event as part of the Students Activity Council's (SAC) Traditional Day celebrations. This year, the theme was Punjabi, and it brought a colorful display of Punjabi culture, traditions, and festivities.

The timeless legacy of faith, devotion, and unity: Warkari Sampraday

On 14th Feb 2024, Electrical Department, with the theme "Warkari Sampraday", beautifully celebrated the rich cultural and spiritual traditions of the Warkari community. The event highlighted the devotion, unity, and simplicity that define the Warkari saints and their followers. Through vibrant performances, traditional attire, soul-stirring bhajans, and insightful discussions, the celebration paid tribute to the enduring legacy of saint-poets like Sant Tukaram and Sant Dnyaneshwar. It was a heartfelt reminder of the values of faith, devotion, and community harmony that continue to inspire generations, fostering a sense of togetherness and spiritual connection.



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