



SAKSHI ANIL TEKAWADE
B.E. - Electronics & Telecommunication Engineering
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PROFESSIONAL SUMMARY

Electronics & Telecommunication Engineering graduate with a strong interest in Software Testing and Quality Assurance. I have a understanding of Manual Testing concepts. Through my academic project and internships, I have developed analytical thinking, problem-solving abilities, and attention to detail. I am a quick learner, enjoy working in collaborative environments, and am eager to begin my career by contributing to the delivery of reliable, high-quality software while continuously learning and growing.

KEY EXPERTISE

JIRA ESP32 Technical documentation MS Excel problem solving

EDUCATION

Sinhgad Institute of Technology B.E. - Electronics & Telecommunication Engineering CGPA: 7.09 / 10	2022 - 2026
Rani Laxmibai Girls Military College, Pune 12 th MSBSHSE Percentage: 66.50 / 100	2022
Rishi Samskriti Vidya Shale 10 th CBSE Percentage: 76.80 / 100	2020

PROJECTS

HerEase: Smart Period Relief and Hygiene Belt Mentor: Dr. D.S.Mantri Team Size: 4 Key Skills: ESP32 PCB design Documentation Project Link: https://doi.org/10.64189/ssc.26208 We worked on developing a smart wearable period relief belt (HerEase) that helps manage menstrual discomfort through a combination of heat and vibration therapy, along with hygiene monitoring. The system was built using an ESP32 microcontroller, where we integrated temperature sensors and enabled Bluetooth communication for the control. We also created a mobile-controlled interface that allows users to monitor and adjust temperature, vibration levels, and receive hygiene alerts in real time. Additionally, a moisture sensing module was incorporated to track hygiene conditions and improve user safety. Throughout the project, we focused on making the device energy-efficient, portable, and comfortable to wear, ensuring it is practical for everyday use.	11 Sep, 2025 - 10 Jun, 2026
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PUBLICATIONS / RESEARCH / WHITE PAPERS

HerEase: Smart Period Pain Relief and Hygeine Belt Journal of Smart Sensors and Computing GR Journals Mentor: Dr. D.S. Mantri No. of Authors: 6 Key Skills: ESP32 PCB design Documentation DOI https://doi.org/10.64189/ssc.26208	19 Jun, 2026
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ACHIEVEMENTS

- CADET OF THE YAER 2022
- SPORTS PERSON OF THE YEAR 2017,2019

ASSESSMENTS / CERTIFICATIONS

National Level Project Competition

Provider: D.Y. Patil institute of technology, Pumpri
Participated in the National Level Project Competition (NLPC) by presenting HerEase, our final-year project focused on improving menstrual comfort through smart technology. It was a great opportunity to showcase our work, explain the idea behind the project, demonstrate the working prototype, and interact with judges, faculty. The experience helped me build confidence in presenting technical concepts, answering questions on the spot, working effectively as part of a team, and receiving constructive feedback to improve our project.

POSITIONS OF RESPONSIBILITY

Coordinator at Techtonic 2025

Event Coordinator | Techtonic 2025, Sinhgad Institute of Technology

Supervised a team of volunteers in strategizing, organizing, and executing departmental activities throughout the fest. Played a key role in the successful delivery of the fest through strong leadership and collaborative efforts.

SEMINARS / TRAININGS / WORKSHOPS

PCB DESIGNING **Institute Name:** Sinhgad Institute of Technology 25 Sep, 2023 - 27 Sep, 2023
Key Skills: CAD PCB Design
Completed a hands-on PCB Design workshop where I learned the fundamentals of designing printed circuit boards, from creating schematics to developing PCB layouts. Gained practical experience with design tools, component placement, circuit simulation, and the overall PCB development process while understanding industry best practices.

EXTRA CURRICULAR ACTIVITIES

- HOSPITALITY HEAD OF INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS

PERSONAL INTERESTS / HOBBIES

- TREKKING, BADMINTON, TRAVELLING, LISTNING TO MUSIC, READING BOOKS

PERSONAL DETAILS

Gender: Female

Marital Status: Single

Current Address: PUNE, Pune, Maharashtra, India - 411013

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Date of Birth: 24 Apr, 2004

Known Languages: ENGLISH, HINDI, MARATHI

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