



2023-24



Government Polytechnic, Pune

**Department of Information
Technology**



Visionary IT Students' Technology Association

Vision of Institute

To develop self-reliant, versatile, innovative, quality conscious engineers for betterment of society.

Mission of Institute

1. Imparting updated curriculum in association with stakeholders.
2. Providing with the state of art infrastructure & facilities.
3. Set up strategic alliance with industries.
4. Enhancing e-governance.
5. Continuous development of faculty & staff.

Vision of Department

To develop competent, self-reliant and progressive Information Technology Engineers to cater to technological advancements and societal needs.

Mission of Department

1. Design, develop and implement state-of-art curriculum with industry co-ordination to acquire knowledge and skill.
2. Provide competitive infrastructure with well-developed lab facilities and upgrade staff knowledge and skills.
3. Groom student personality and inculcate soft skills.
4. Expand IT based developments in institute.

FACULTY MEMBERS



HOD
Dr D N Rewadkar
PhD(CSE)



Lecturer
Smt. Heena Khan
M.E. (CSE)



Lecturer
Smt. Priyanka Sonawane
M.E(CSE)



Lecturer
Smt. Shraddha Hande
M.E.(IT)



Lecturer
Miss. Poonam Fafat
M.E.(IT)

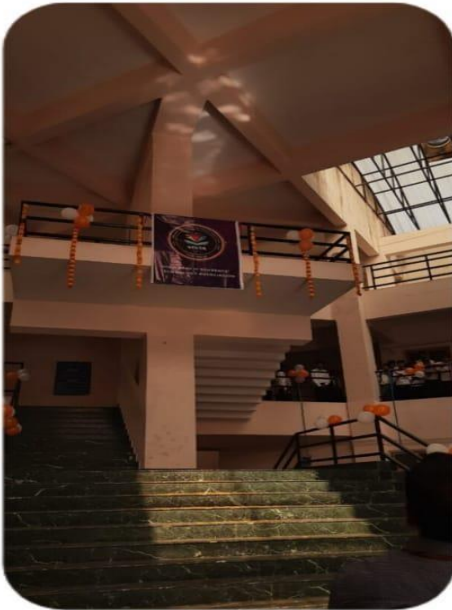


Lecturer
Smt. Kiran Gaikwad
M.E.(CSE)



Lecturer
Smt. Shubhangi Dudhe
M.E.(IT)

INAUGURATION



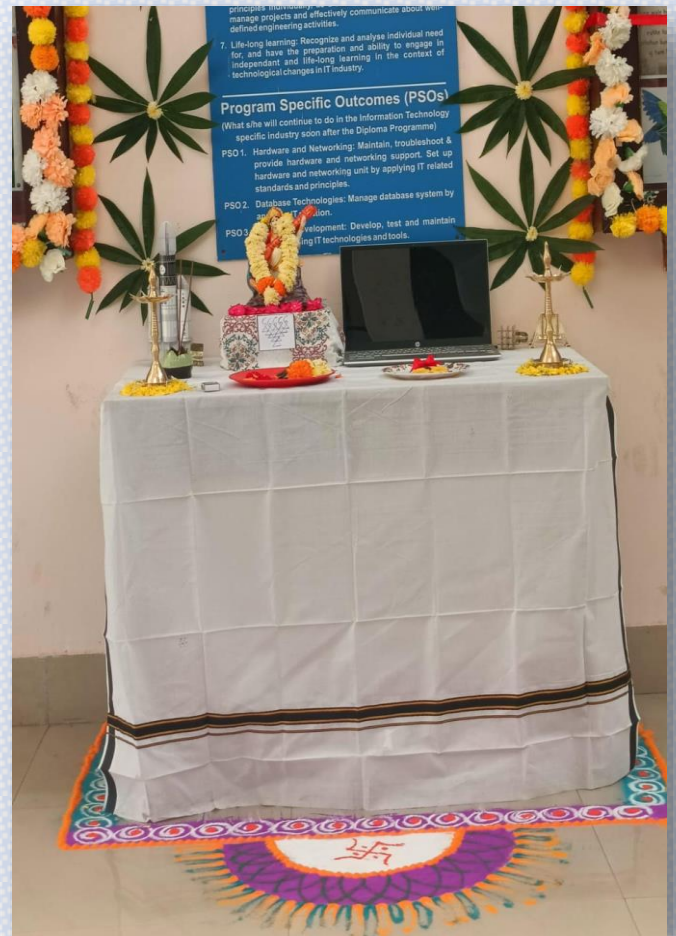
INSPIRE

LEARN

ENGAGE



In the heart of every institution lies a thriving community of young minds, eager to shape their environment and leave an indelible mark on the world. Today, we stand witness to the dawn of a new era at our esteemed institution as we inaugurate the Student Committee for Change.



In a celebration of democracy and progress, students have come together to elect their peers to represent their voices, aspirations, and concerns. This committee, comprised of diverse individuals with a shared commitment to excellence, embodies the spirit of unity and collaboration.

OUR COMMITTEE





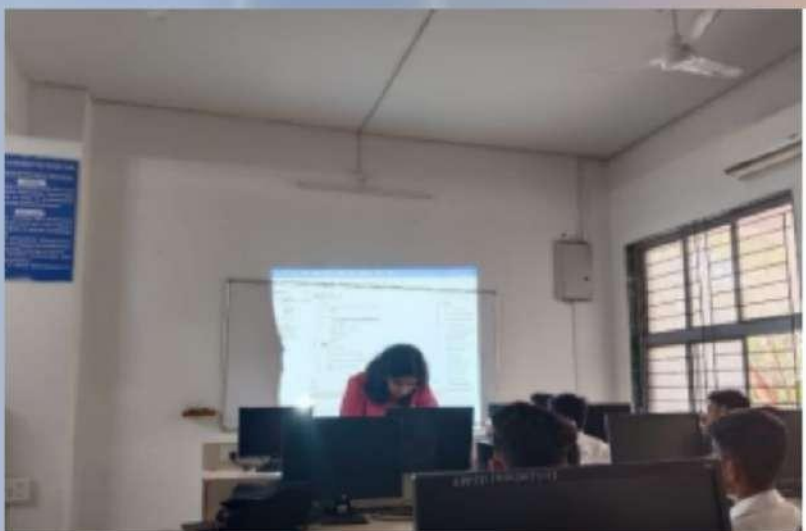


Kaladalan

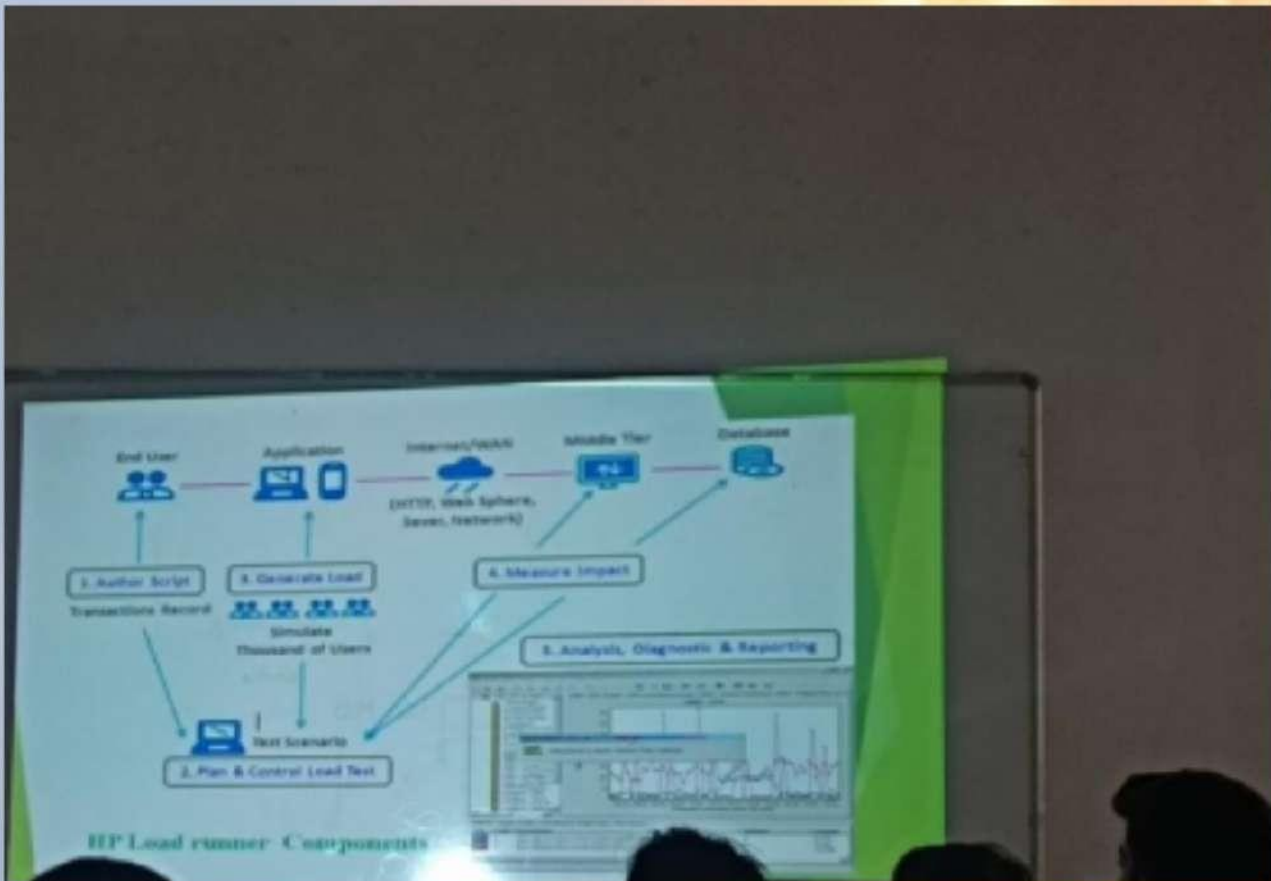




The guest lecturer delved into the realm of software testing and automation testing, elucidating key concepts and methodologies to enhance software quality and efficiency. The lecture primarily focused on Solomon's approach to testing, encompassing various facets such as existing functionality, defect life cycle, key performance metrics, and tools for performance testing.



A variety of tools for performance testing and automation were mentioned, including scripting tools and Application Performance Monitoring (APM) tools like PerfMon. These tools aid in simulating and analyzing system behavior under different conditions.



THE LECTURE PROVIDED INVALUABLE INSIGHTS INTO SOFTWARE TESTING AND AUTOMATION TESTING METHODOLOGIES BASED ON SOLOMON'S APPROACH. ATTENDEES GAINED A DEEPER UNDERSTANDING OF KEY CONCEPTS, PERFORMANCE METRICS, AND TOOLS ESSENTIAL FOR ENSURING THE ROBUSTNESS AND EFFICIENCY OF SOFTWARE SYSTEMS. OVERALL, THE GUEST LECTURE SERVED AS A COMPREHENSIVE GUIDE FOR PROFESSIONALS AND ENTHUSIASTS SEEKING TO ELEVATE THEIR PROFICIENCY IN SOFTWARE TESTING AND AUTOMATION TESTING SOLOMONS.



Date: - 5 September 2023



"Teachers plant the seeds of knowledge that grow forever in the hearts and minds of their students. Happy Teacher's Day to the guiding lights who illuminate our paths with wisdom and inspiration."



As we pause to

Teachers' Day, we extend our deepest gratitude to the unsung heroes who shape the minds and hearts of generations. Today, we celebrate the invaluable contributions of teachers worldwide, whose dedication, passion, and unwavering commitment illuminate the path to knowledge and enlightenment.

In classrooms filled with curiosity and wonder, you stand as beacons of inspiration, nurturing the seeds of potential within each student. Your tireless efforts, boundless patience, and profound wisdom empower young minds to soar to greater heights and embrace the limitless possibilities of learning.





Amidst the challenges and uncertainties of the world, you remain steadfast in your mission, adapting and innovating to meet the evolving needs of your students. Your resilience in the face of adversity serves as a testament to the transformative power of education and the indomitable spirit of the teaching profession.

On this special day, we honor your unwavering dedication, your boundless passion, and your profound impact on the lives of countless individuals. You are the heart and soul of education, and your legacy will endure for generations to come.

To every teacher, mentor, and guide—thank you for your tireless dedication, your unwavering support, and your profound influence. Happy Teachers' Day!



Green Club

Activity



THE GREEN CLUB

Date: - 6 November 2023

All of us as a citizen of this planet can play a role in helping to reduce pollution and improve environment parameters . We can do this by making a simple pledge to act as a responsible citizen and therefore you are requested to please sign the Green Pledge. Thank you for your supporting the commitment to the environment to benefit the present and future generations by your simple and easy to do actions as mentioned in the Green Pledge



VISITS



On January 10, 2024, our first-year industrial visit took us to the Indian Institute of Science Education and Research (IISER) Pune. We arrived promptly at 12 PM and spent the next few hours immersed in the Department of Information Technology. As we entered the premises, a sense of anticipation filled the air, knowing that we were about to witness firsthand the intersection of theoretical knowledge and practical application in the field of IT.



The visit offered us a unique opportunity to explore cutting-edge research, engage with faculty members, and gain insights into the latest advancements in technology.

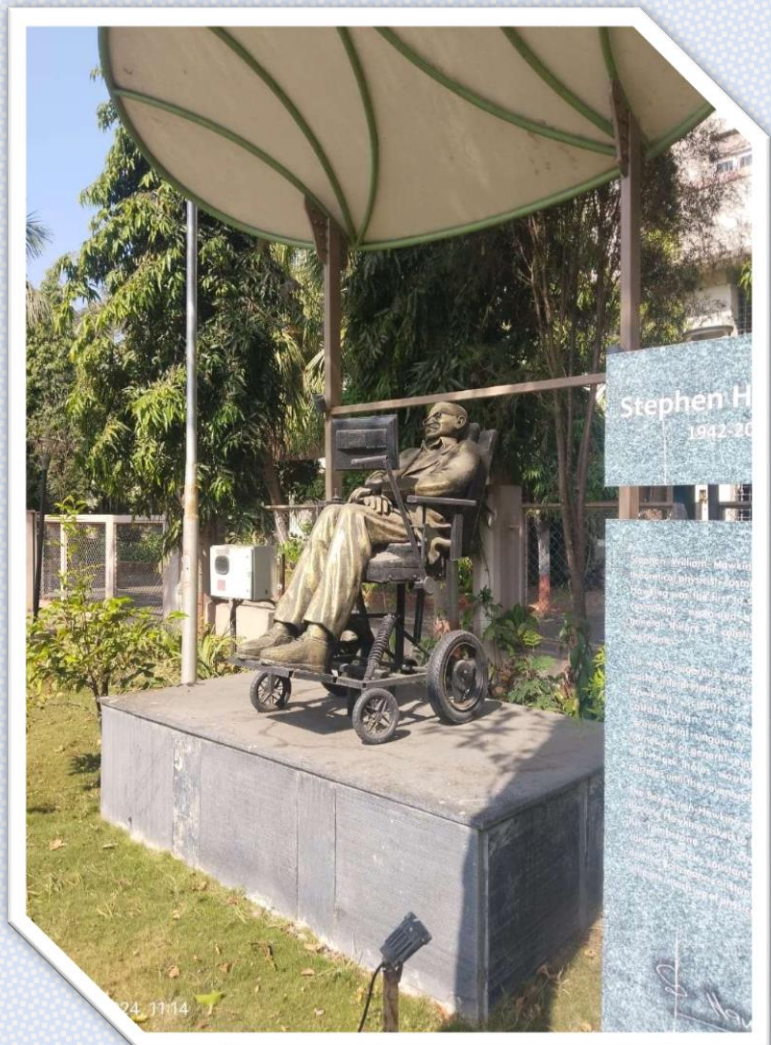
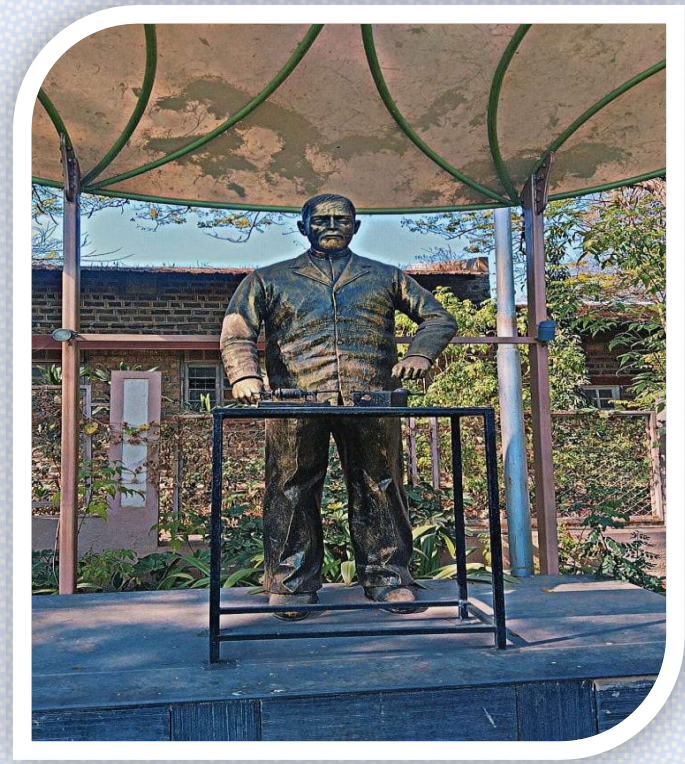
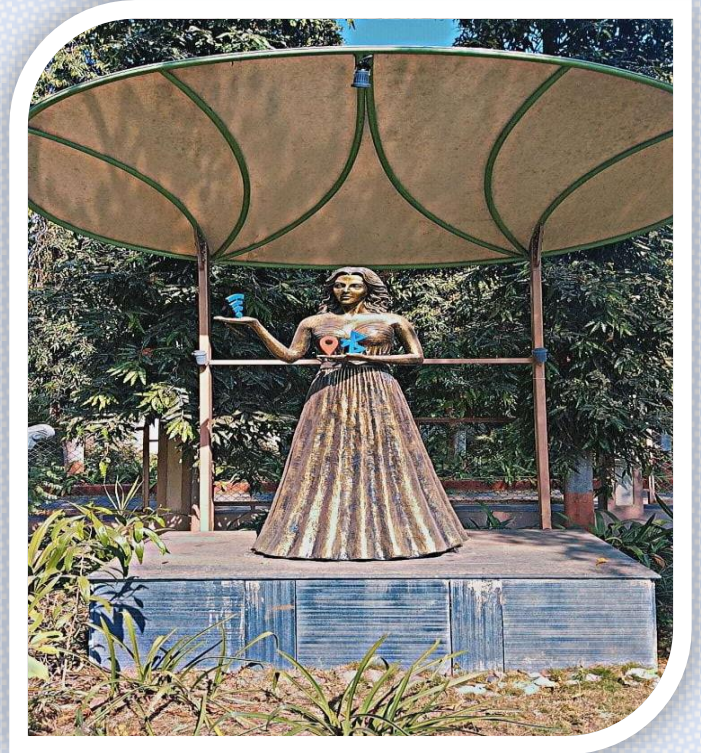
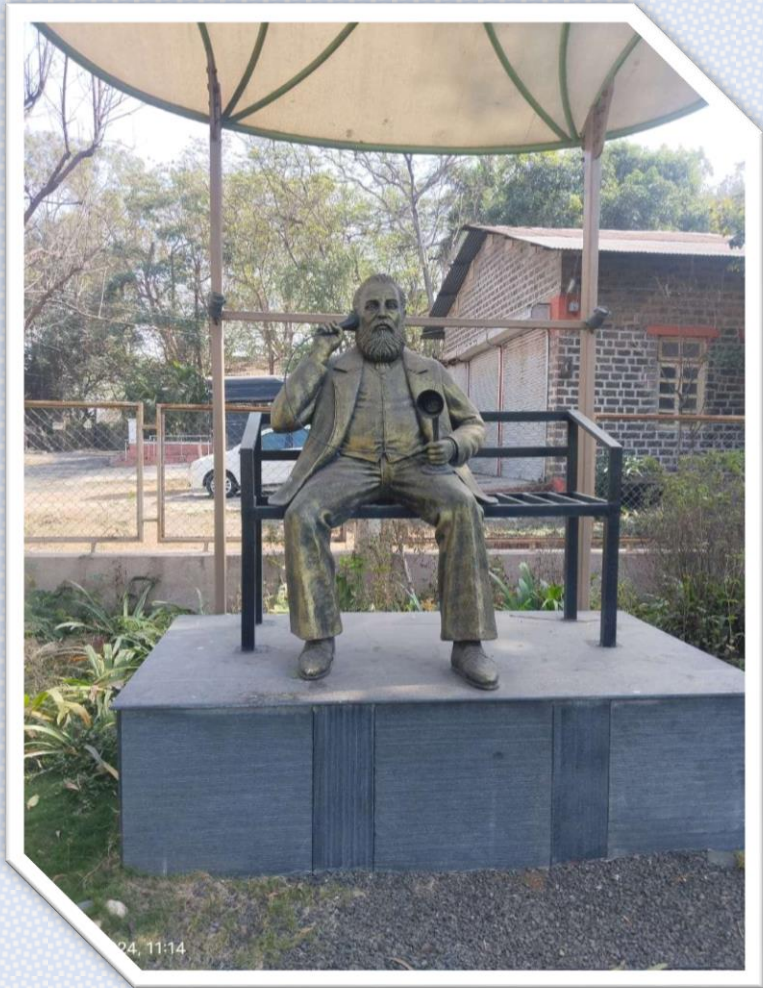
From discussions on artificial intelligence to demonstrations of innovative software solutions, every moment spent at IISER Pune was enriching and inspiring, laying a solid foundation for our future endeavors in the realm of information technology.





On January 23, 2024, the second- year students embarked on an industrial visit to the Wireless Police Training Center located in Pashan. The visit, organized by the Department of Information Technology, commenced at 10:30 AM and lasted until 4:00 PM. This excursion provided an invaluable opportunity for the students to witness firsthand the practical applications of wireless technology in law enforcement and public safety. Throughout the visit, students Engaged interactive sessions, demonstrations, and discussions led by experts in the field, gaining insights into the innovative solutions and techniques utilized in modern policing



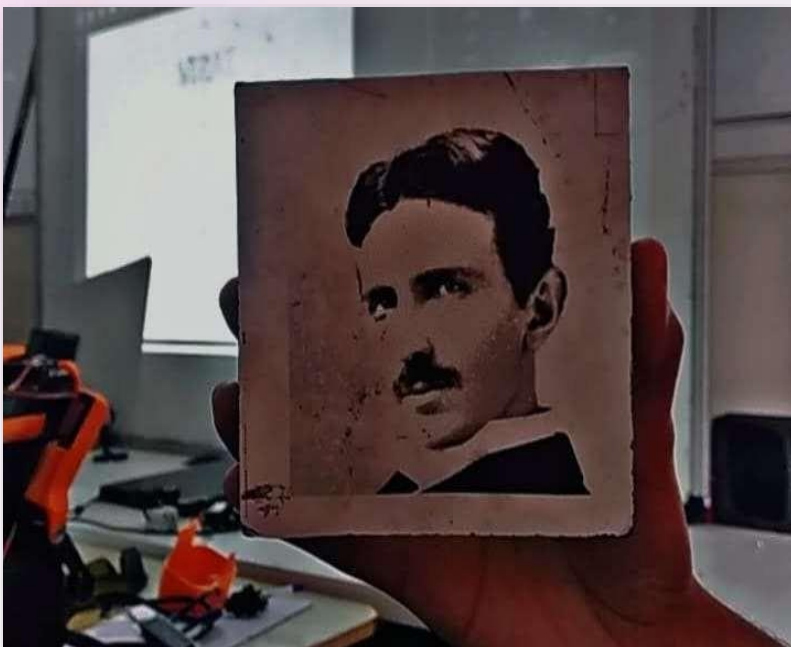




On September 23, 2024, at 10:30 AM, the third-year students from the Department of Information Technology embarked on an industrial visit to India's first robotics facility. This excursion marked a significant opportunity for students to gain firsthand insight into cutting-edge technology and its practical applications. As they stepped into the facility, they were greeted by the sight of state-of-the-art robotics systems and machinery, sparking their curiosity and enthusiasm.



Throughout the visit, students had the chance to interact with industry professionals, ask questions, and observe the intricate processes involved in robotics manufacturing and programming. This hands-on experience not only broadened their understanding of robotics but also inspired them to explore new avenues within the field of technology.





EXPO

VISIT



IT DEPT

2ND MARCH 2023



10:30 AM

DECODE THE GLITCH

The Decode the Glitch Challenge, hosted by the IT Department on January 19, 2024, is set to captivate participants in an exhilarating quest to unravel the mysteries of digital anomalies. This competition beckons daring minds to navigate through intricate lines of code, identifying and rectifying glitches, bugs, and errors that disrupt the seamless functioning of software systems. With a spotlight on problem-solving and critical thinking, participants will dive into the heart of malfunctioning programs, armed with their knowledge of programming languages and debugging techniques. The ultimate goal? To restore functionality and bring order to the chaos of digital glitches. It's a testament to the resilience and resourcefulness of tech enthusiasts as they race against time to decode the glitch and emerge victorious. So, summon your inner detective, sharpen your coding skills, and prepare to embark on a thrilling journey of discovery in the Decode the Glitch Challenge.



Error



QUIZ COMPETITION

The TechQuiz Spectacle, orchestrated by the IT Department on January 19, 2024, promises an electrifying intellectual showdown. This competition aims to ignite the minds of participants, delving into the depths of technical knowledge across various domains. It's a celebration of ingenuity and expertise, where contestants are challenged to tackle a myriad of technical questions spanning programming, algorithms, data structures, and more.

The objective is clear: to foster an atmosphere of innovation while validating the skills and knowledge of the participants. With questions designed to push boundaries and test the limits of each participant's understanding, the TechQuiz Spectacle is not just a competition; it's a journey of discovery and enlightenment. So, gear up your intellect, sharpen your wits, and prepare to embark on a thrilling quest for victory in this ultimate test of technical prowess.



SYNTAX SWITCH

Code Switching Event was organised by the Information Technology Department on 19th January 2024.

This competition aims to explore and celebrate the diverse talents in coding while fostering an environment of innovation and skill validation.

The students had an opportunity to convert the given code with any language(C, C++, Java, Python) as their convenience.

Winners:-

1. Shruti Joshi
2. Prajyot Ekatpure
3. Anuja Kale
4. Avanish Surywanshi
5. Harshada Jayapatal

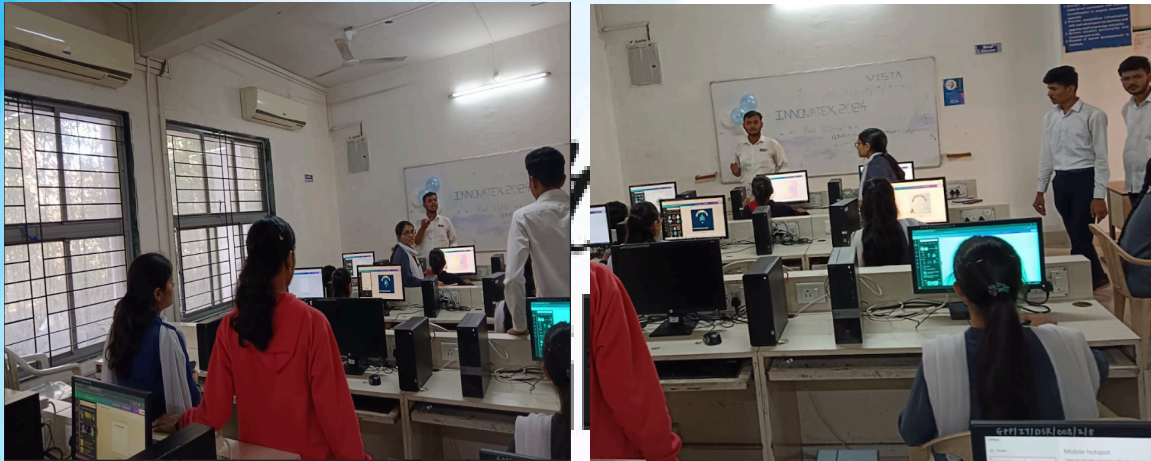


Pixel Palette

Poster Making : Save Water , Save Life !!

Poster Making Event was organised by the Information Technology Department on 19th January 2024.

This event aims to showcase the artistic talents while also providing a platform for skill validation and challenges. It brings out the passion of graphics design , illustration, or visual storytelling of the students.



Participants were tasked with capturing the essence of water conservation through visual storytelling, with each stroke of the brush or click of the camera conveying a powerful message.

Winners :-

1. Shubhashree Bhore
2. Shruti Joshi
3. Sayma Kazi
4. Pranisha Pol
5. Rutuja Durgude

Bright Outlook



"The
advance of **Technology**
is based on making it
fit in so that you don't
really even notice it,
so it's part of
everyday life"

"**Education**
is the most powerful
weapon you can use to
change the
world"

"It's not that
we use Technology,
We Live
Technology."

"**Technology**,
like art, is a
soaring exercise
of the human
imagination."

