

GOVERNMENT POLYTECHNIC PUNE

DEPARTMENT OF

INFORMATION TECHNOLOGY

VISTA



Visionary IT Student Technology
Association



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VISION & MISSION OF THE INSTITUTE

VISION



“TO DEVELOP SELF-RELIANT, VERSATILE, INNOVATIVE, QUALITY CONSCIOUS ENGINEERS FOR BETTERMENT OF SOCIETY.”

MISSION



1. IMPART UPDATED CURRICULUM IN ASSOCIATION WITH STAKEHOLDERS.



2. PROVIDE STATE-OF-THE-ART INFRASTRUCTURE & FACILITIES.



3. SET UP STRATEGIC ALLIANCES WITH INDUSTRIES.



4. ENHANCE E-GOVERNANCE.



5. CONTINUOUS DEVELOPMENT OF FACULTY & STAFF.

VISION & MISSION OF THE DEPARTMENT

VISION



'TO DEVELOP COMPETENT, SELF-RELIANT AND PROGRESSIVE INFORMATION TECHNOLOGY ENGINEERS TO CATER TO TECHNOLOGICAL ADVANCEMENTS AND SOCIETAL NEEDS.'

MISSION



M1 DESIGN, DEVELOP AND IMPLEMENT STATE-OF-ART CURRICULUM WITH INDUSTRY CO-ORINATION TO ACQUIRE KNOWLEDGE AND SKILL.



M2 PROVIDE COMPETITIVE INFRASTRUCTURE WITH WELL-DEVELOPED LAB FACILITIES AND UPGRADE STAFF KNOWLEDGE AND SKILLS.



M3 GROOM STUDENT PERSONALITY AND INCULCATE SOFT SKILLS.



M4 EXPAND IT BASED DEVELOPMENTS IN INSTITUTE.

Message from Principal's Desk



*Dr. Rajendra K. Patil
Principal, Govt.
Polytechnic Pune*

Lot expressions of inherent and nurtured qualities are possible through oral and written means. Communication among human beings often occurs through these channels, but at times, it transcends verbal or sensory means, manifesting in intuitive and unspoken ways.

In the kind of world we live in, it's essential to focus on these expressions, whether in speech or through written material. Providing a platform for these expressions, especially for the students of the engineering college, is a natural and necessary endeavor. The launch of an e-Magazine on the institute's website is the right approach and a significant milestone in this direction.

I, Rajendra K. Patil, extend my heartfelt greetings to all participants, authors, report writers, faculty staff, and students involved in this endeavor. I also encourage everyone to adapt to these new dimensions of the e-World by engaging in exhaustive reading on the internet to foster self-learning.

I express a deep desire that the wonderful, beautiful, and creative expressions of individuals will promote better human values, culture, and affection among all.

Message from HOD's Desk



*Dr. Deepak N.
Rewadkar
Head of Department*

Department of Information Technology was established under autonomy of Government Polytechnic, Pune in the year 2000 with the intake of 60 which is still continued. The philosophy of functioning as a Head of IT department is to promote growth mindset over fixed mindset. This leads us to explore the potential of autonomy and the potential of being IT hub and introduce promising courses and implementation strategies with respect to changing professional needs in our Department. The department not only ensures academic development of the students but also provides them with opportunities to prove themselves by undertaking project competitions, extra-curricular and co-curricular activities. Moreover, the department has made a name for itself by promoting the students project for National Hackathon competition. The department student has twice got laurels by winning Hackathon National competition as runner- up in 2017 and winners in 2020. Department of IT has bagged M.S.B.T.E. best lab award for the Software lab in the year 2017.



Faculty Members



DR. DEEPAK N. REWADKAR
HEAD OF DEPARTMENT



MS. POONAM C FAFAT
LECTURER



MS. VAISHALI M KHANAPURE
LECTURER



MS. PRANALI N YEWALE
LECTURER



MS. PRIYANKA L SONAWANE
LECTURER



MS. ANITA D KSHIRSAGAR
LECTURER



MS. SNEHA D RAUT
LECTURER



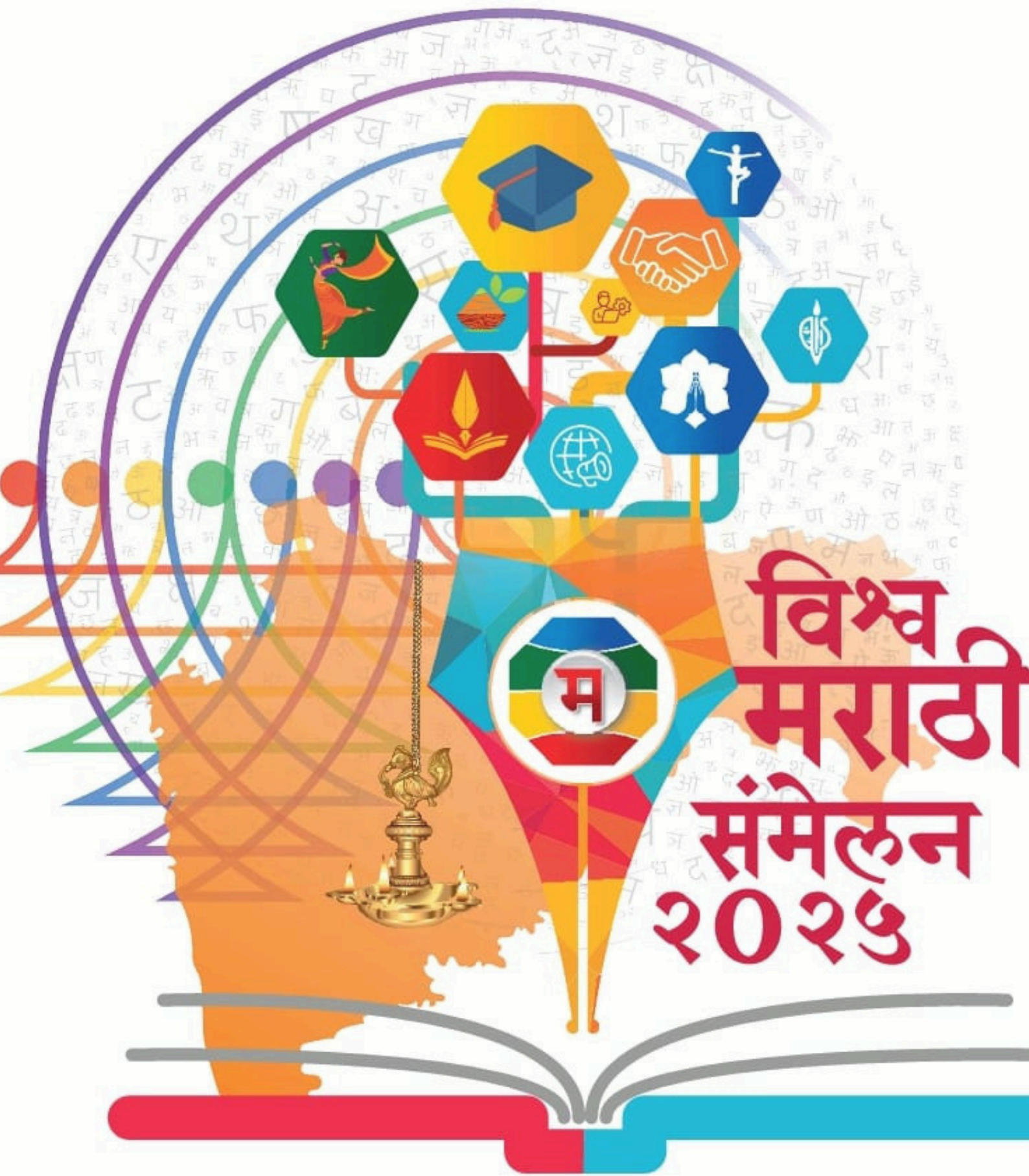
DR. OM R VARMA
LECTURER



MR. YOGESH U BODHE
LECTURER



**ACTIVITIES &
INDUSTRIAL VISITS**



विश्व
मराठी
संमेलन
२०२३

विश्व मराठी संमेलन



मराठी ही आपल्या राज्याची समृद्ध आणि अभिमानास्पद भाषा असून तिच्या माध्यमातून साहित्य, संस्कृती आणि परंपरेचा वारसा पुढे चालत राहतो. या पार्श्वभूमीवर **SV** वर्गातील विद्यार्थ्यांनी मराठी विश्व संमेलनाला उत्साहाने सहभाग घेतला. या कार्यक्रमात मराठी भाषा, साहित्य, संस्कृती आणि परंपरा यांचे विविध उपक्रमांद्वारे सुंदर दर्शन घडले.

विद्यार्थ्यांनी विविध सांस्कृतिक कार्यक्रम, पुस्तक प्रदर्शन, भाषण सत्रे आणि कलात्मक सादरीकरणांचा आनंद घेतला. त्यांना मराठी भाषेचे महत्त्व, तिची समृद्ध परंपरा तसेच समाजजीवनात तिची भूमिका याबद्दल सखोल माहिती मिळाली. या भेटीद्वारे विद्यार्थ्यांच्या भाषिक कौशल्यात वाढ झाली तसेच त्यांच्या सांस्कृतिक जाणीवा अधिक बळकट झाल्या. हा अनुभव विद्यार्थ्यांसाठी प्रेरणादायी आणि ज्ञानवर्धक ठरला.



SCIENCE PARK

Pimpri Chinchwad Science Park is an important science education and entertainment center located in Pimpri-Chinchwad near Pune, Maharashtra. It was established on 8 February 2013 by the Pimpri-Chinchwad Municipal Corporation with support from the Government of India and the National Council of Science Museums. The main aim of the science park is to promote scientific knowledge, curiosity, and innovation among students and the general public.





The SY students started their educational visit for the year 2025–26 with a trip to the PCMC Science Park. This visit provided a wonderful opportunity to explore various scientific models, interactive exhibits, and practical demonstrations that made learning more interesting and engaging. Students observed concepts related to physics, energy, environment, and space science through real-life applications, which enhanced their curiosity and understanding beyond classroom learning. The visit was both informative and enjoyable, helping students develop a scientific attitude and teamwork skills while experiencing fun-filled educational activities.

VISIT TO POLICE WIRELESS DEPARTMENT



The SY students visited the Police Wireless Department as part of their educational activities.

During the visit, they learned about the communication system used by the police, wireless equipment, and how information is shared during emergency situations. The officers also gave a live demonstration to help students understand the practical use of technology in maintaining law and order. The visit was informative and inspiring for all the students.



SEMINAR ON ARTIFICIAL INTELLIGENCE (AI) AND CYBERSECURITY

On March 17, 2025, the third-year Information Technology students of Government Polytechnic, Pune, successfully conducted an enlightening seminar on Artificial Intelligence (AI) and Cybersecurity at a local school. This educational outreach initiative aimed to bridge the knowledge gap and foster digital awareness among school students and faculty members.

The core objective of the seminar was to introduce participants to the foundational concepts of Artificial Intelligence, its real-world applications, and how it is transforming various industries—from healthcare and education to finance and entertainment. The students showcased AI's potential through interactive presentations, live demos, and engaging discussions that made complex concepts accessible and relatable.



In parallel, the session emphasized the growing importance of Cybersecurity in our increasingly connected world. With rising cyber threats such as phishing, data breaches, and online scams, the seminar focused on educating attendees about safe digital practices, password hygiene, and how to recognize and respond to cyber threats effectively.

By combining technical insight with practical tips, the seminar not only expanded the participants' understanding of emerging technologies but also encouraged responsible digital behaviour. The event received positive feedback for its clarity, relevance, and interactive approach, highlighting the enthusiasm and preparedness of the organizing students.





AWARENESS RALLY FOR SOCIAL RESPONSIBILITY

The TY students organized an awareness rally to spread important social messages in the community. Students prepared creative banners and slogans on topics like Energy Conservation, Cybersecurity Awareness, and Gender Equality.

The rally started with a group photograph with the HOD and faculty members. After that, students marched around the college campus and nearby areas while raising slogans and displaying their banners.

The rally continued for about one hour and successfully created awareness among people. It also encouraged students to develop a sense of social responsibility.

Overall, the activity was informative and meaningful. It helped students understand the importance of community engagement.





Inaugural Group Photo with HOD and Faculty



Energy Conservation:- Save Energy Today, Secure Tomorrow



Cybersecurity Awareness:- Stay Alert, Stay Secure Online



Gender Equality :- Equal Rights, Equal Opportunities



Students Raising Awareness Through Rally



Students Marching with Awareness Banners

Mr. Vinod Tamhane



Guest Introduction:

Founder Director and CEO, Compassion Educators, Pune; motivational speaker and mentor focusing on personal development, leadership, and career guidance.

Guest Lecture (Odd Semester 2025):

On **20 September 2025**, during the Odd Semester of the academic year 2025, the department organized a guest lecture by Mr. Vinod Tamhane for the First-Year students under the Communication Skills course on the topic **“Goal Setting and Vision Mapping.”** During the session, he emphasized the importance of setting clear goals and developing a strong vision for the future. He explained how proper planning, discipline, and determination can help students achieve success in their academic as well as professional lives.

Through motivational examples and real-life experiences, he encouraged students to build self-confidence, maintain a positive mindset, and stay focused on their ambitions. The session was interactive and inspiring, helping students understand the significance of goal setting and self-motivation in shaping a successful career.

Mr. Sachin Shukre



Guest Introduction:

Principal Solution Architect, Tech Mahindra, Pune; experienced IT professional specializing in enterprise solutions, database technologies, and system architecture.

Guest Lecture (Odd Semester 2025):

On **20 September 2025**, during the Odd Semester of the academic year 2025, an expert lecture was conducted by Mr. Sachin Shukre for the Second-Year students on the topic “**Database Administration**.” The lecture was organized under the Database Administration course to provide students with practical exposure to industry practices. During the session, he explained the role and responsibilities of database administrators in managing large volumes of data within organizations. He also discussed the challenges involved in handling unstructured and semi-structured data, which are increasingly common in modern digital systems.

By sharing real-world examples from the IT industry, he helped students understand how database technologies are implemented in large-scale applications. The lecture enhanced students’ understanding of database management and highlighted the importance of efficient data handling in the modern technological landscape.

Mr. Tushar B. Kute



Guest Introduction:

Senior Data Scientist, MITU Research, Pune; expert in data science, artificial intelligence, and machine learning technologies.

Guest Lecture (Odd Semester 2025):

On **19 August 2025**, during the Odd Semester of the academic year 2025, the department organized an insightful guest lecture by Mr. Tushar B. Kute for the Third-Year students under the IoT & Robotics course on the topic “**AI and Machine Learning.**” During the lecture, he introduced students to the fundamentals of artificial intelligence and explained how machine learning is transforming various industries such as healthcare, finance, robotics, and automation. He also discussed emerging technologies including Generative AI and modern AI applications, highlighting their impact on innovation and future technological advancements.

Through practical examples and explanations, he demonstrated how AI models are developed and applied to solve real-world problems. The lecture provided students with valuable knowledge about current trends in artificial intelligence and encouraged them to explore further learning and research in this rapidly growing field.

Smt. Arati Chavan



Guest Introduction:

Team Lead, Accenture; professional expertise in software testing, automation frameworks, and quality assurance processes.

Guest Lecture (Even Semester 2025):

On 7 March 2026, during the Even Semester of the academic year 2025, the department organized a guest lecture by Smt. Arati Chavan for the Second-Year students under the Software Engineering & Testing course on the topic “**Performance Testing and Automation.**” During the session, she explained the importance of software testing in ensuring the quality, reliability, and performance of modern software applications. She introduced students to various automation testing tools and scripting techniques and demonstrated how automation improves efficiency in large software projects. She also discussed AI model testing workflows and highlighted the growing role of artificial intelligence in modern testing processes.

By sharing practical insights and industry experiences, she helped students understand current testing methodologies and the significance of automation in today’s software development environment.



Guest Lecture Highlights

STUDENT ACHIEVEMENTS

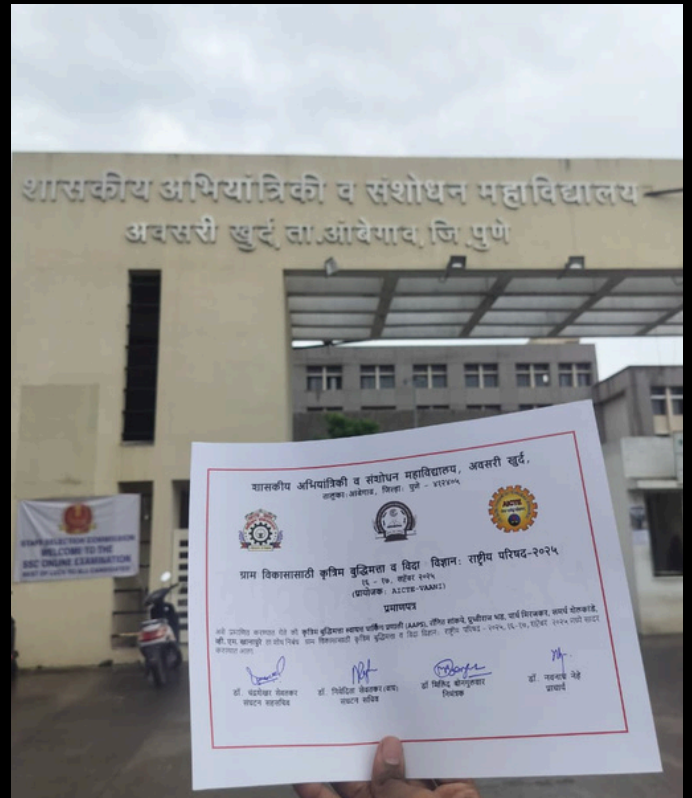
The students demonstrated outstanding innovation, technical excellence, and exceptional confidence in presenting **AI AUTONOMOUS PARKING SYSTEM** project at the **DIPEX-2026** Competition, bringing great pride to the department and setting a high benchmark for future achievements.



PARTICIPANTS

- Parth Mirajkar
- Ronnit Sankaye
- Pruthviraj Bhad
- Samarth Shelkande

The above team also participated in competition organized by AICTE-VAANI in Govt. College of Engineering and Research, Avasari Khurd and got a participation certificate.



Parth Mirajkar secured the Runner-Up position in the Kabaddi Competition held during the Annual Social Gathering, showcasing remarkable strength, teamwork, and sporting spirit, thereby bringing pride to the institution.



Aditya Neve achieved 3rd place in the Poster Presentation and secured the 2nd position in the DipNova-2026 Project Competition along with his team in AI & Cybersecurity Domain with Cash Prize of ₹ 25,000, reflecting remarkable creativity, dedication, and strong technical competence.



Participation Certificate at DIPEX-2026 Competetion

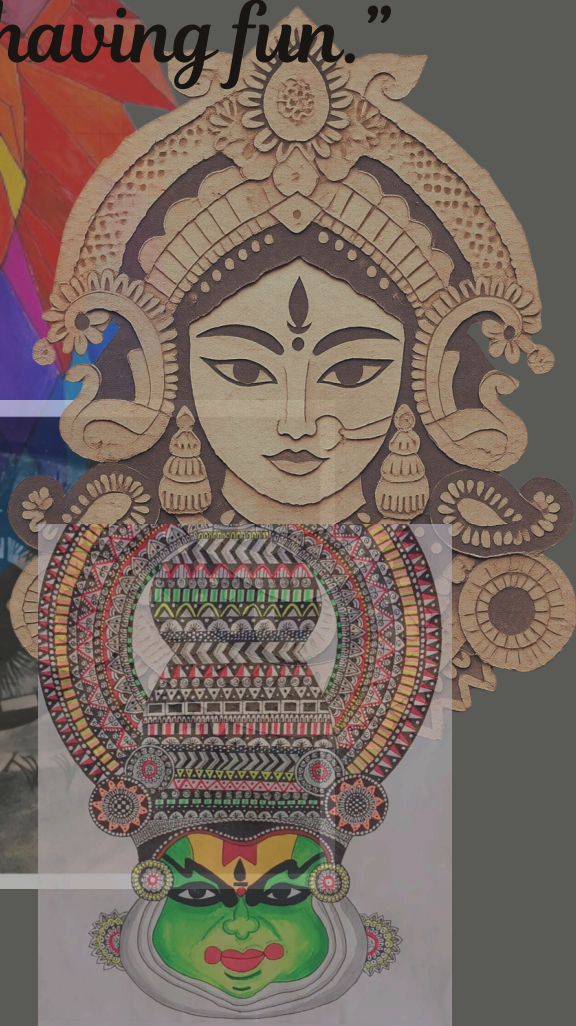




Aditya Neve secured 1st Rank in the Coding Challenge at the State-Level Technical Event held at Pimpri Chinchwad Polytechnic, Pune, and was awarded a cash prize of ₹7,500 along with a trophy and certificates, showcasing exceptional technical proficiency, problem-solving ability, and dedication, thereby bringing pride to the department.

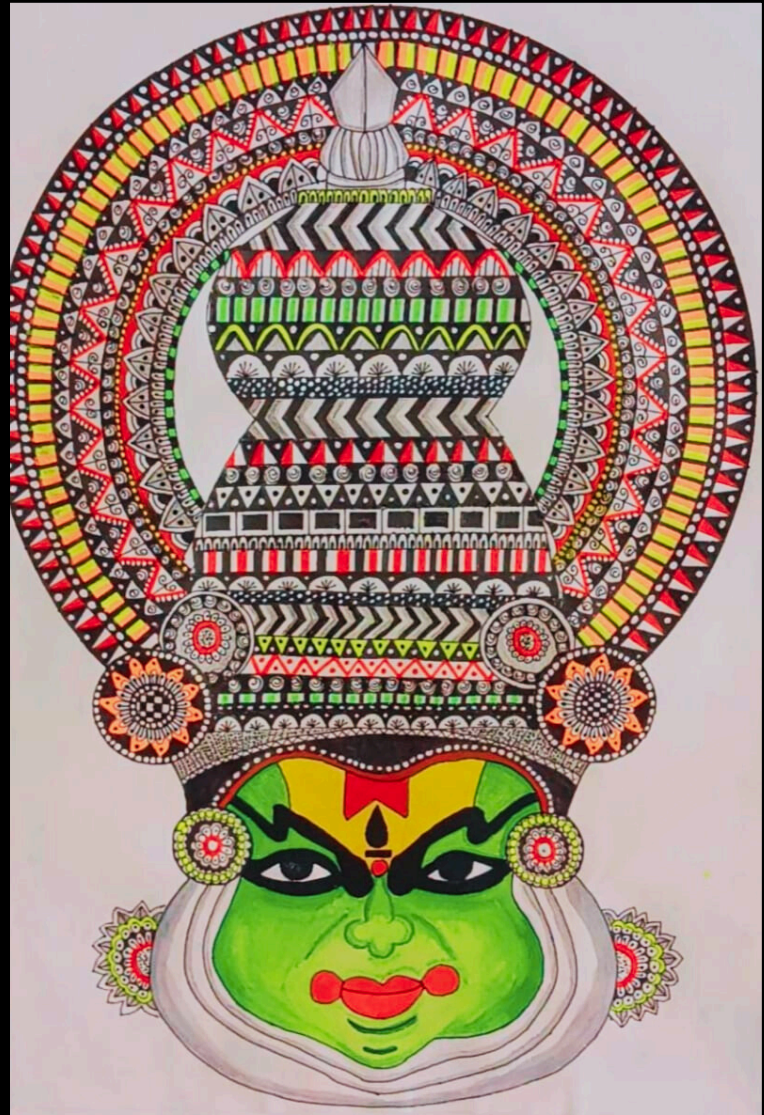
Creative Minds

*“Imagination is intelligence
having fun.”*



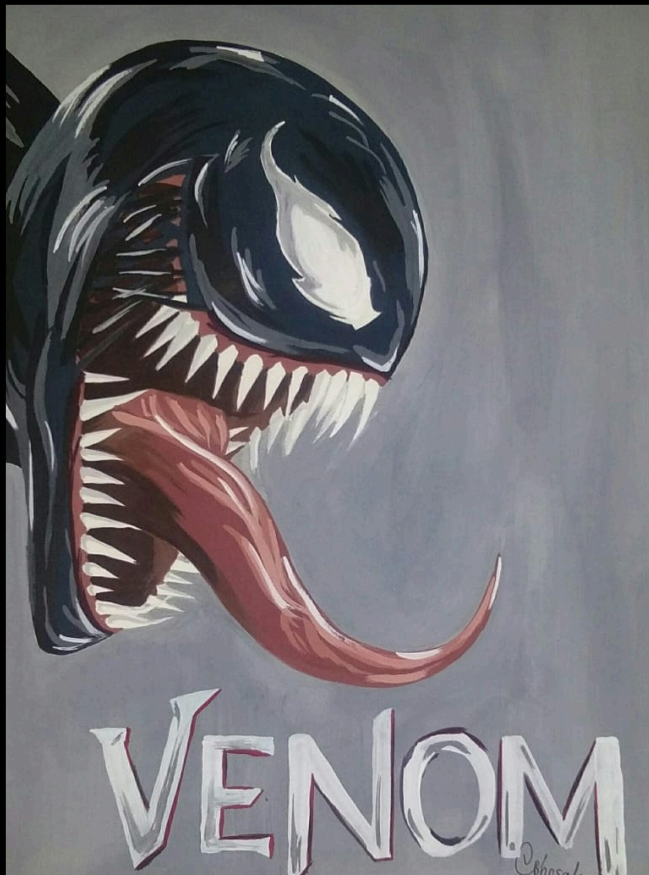
Aaditya Nilesch Neve

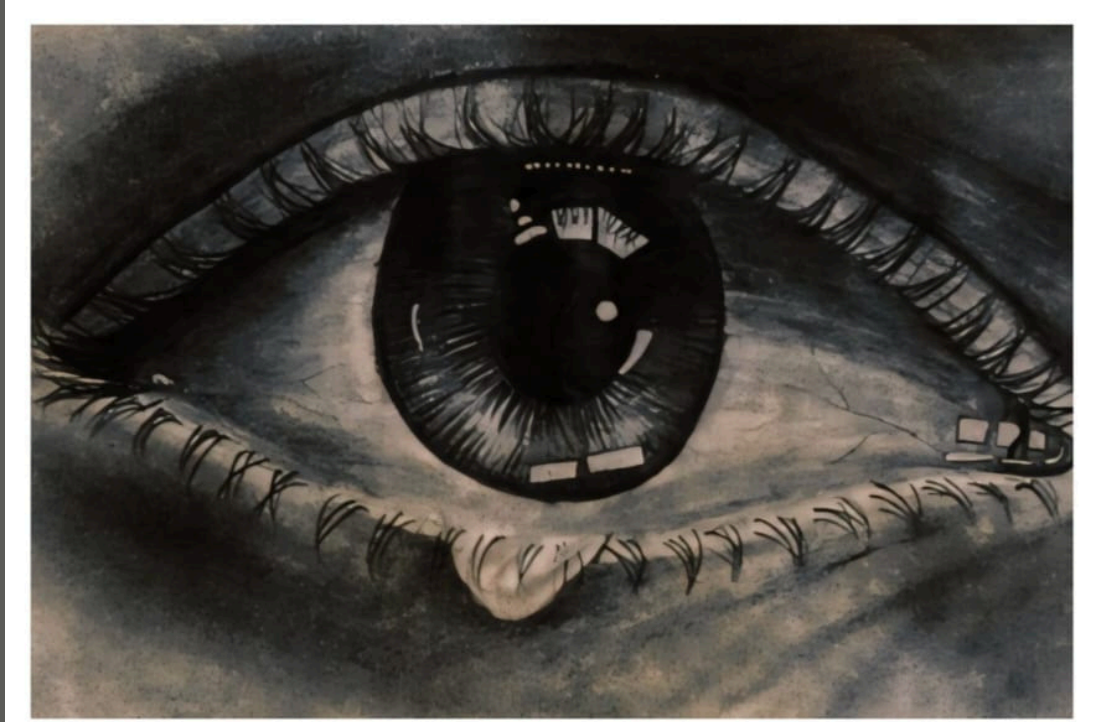
TYIT- 2307044



Vaibhavi Bhosale

TY17- 2307013





Vedanti Ballal

TYIT - 2307004



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Riya Deshmukh

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