



DEPARTMENT OF  
COMPUTER ENGINEERING

# OPCODE

**Inline With Trends**

[www.apsit.edu.in](http://www.apsit.edu.in),  
volume#6,issue#1,2024



PARSHVANATH CHARITABLE TRUST'S  
**A. P. SHAH INSTITUTE OF TECHNOLOGY**  
(Affiliated in Mumbai University, Approved by AICTE, DTE and Govt of Maharashtra)

# CHAMPION'S GLORY !



## VISION

**APSIT aspires to be a premier institute producing globally competent engineering professionals to contribute towards socio-economic growth of India.**

## MISSION

**To provide conducive and collaborative environment to meet contemporary and future engineering challenges by project-based and value-added education with the support of faculty.**

### PRINCIPAL'S DESK

Dear Readers,

It gives me immense pleasure to share with you through our magazine, the recent achievements and advancements made by our esteemed Computer Engineering Department at A.P. Shah Institute of Technology. Over the years, our department has consistently demonstrated excellence in teaching, research, and innovation, making significant contributions to the field of computer science.



**Dr. Uttam D Kolekar**  
Principal

We actively engage with industry partners to provide our students with internship opportunities, industry projects, and networking events. These initiatives not only enhance our students' employability but also foster strong partnerships between Institutes and industry, leading to mutual benefits and advancements in the field.

I would like to congratulate Our dedicated faculty members who are at the forefront of cutting-edge research in various areas such as artificial intelligence, machine learning, cybersecurity, data science, and software engineering. Through their innovative projects and publications, they continue to push the boundaries of knowledge and inspire our students to explore new horizons.

I also extend my congratulations to the Magazine team of Computer Science Association who have shed light on the achievements and glory of our institute through this Magazine. I hope and wish for the department to continue with the hard-work and dedication and maintain the consistent efforts to make the Computer Science Field the excellence hub of A.P. Shah Institute of Technology.

## VISION

**To become nationally reputed dept producing universally competent engineers, to benefit sustained growth of an individual and the society at large.**

## MISSION

- 1. To provide learning ambience for students and faculties through infrastructure, expertise and training.**
- 2. To develop technically professionals with strong competent foundations, capable of adapting with the changing technologies for developing world class softwares.**
- 3. To inculcate professional, social and ethical values in students by providing opportunities to solve environmental and social problems**

## PREFACE



**Dr. Sachin H Malve**  
Head Of Department

Dear Readers,

As the Head of the Department of Computer Engineering, I am filled with gratitude and pride as I reflect on the remarkable achievements and contributions of our department to the field of technology and innovation. I want to express my heartfelt appreciation to our dedicated faculty members whose tireless efforts and commi-

tment to excellence have been instrumental in shaping the minds of our students and driving forward the research agenda of our department. Their passion for teaching and research inspires us all and serves as a guiding light for our students as they embark on their journey in the world of computer science engineering. I am also immensely thankful to our students, whose enthusiasm, curiosity, and hard work continue to elevate our department to new heights. Their innovative projects, research endeavours, and participation in various competitions and events not only showcase their talent and potential but also contribute to the advancement of the field.

Furthermore, I extend my gratitude to our industry partners, alumni, and supporters whose collaboration, mentorship, and contributions have played a crucial role in enriching the learning experience of our students and fostering a culture of innovation and excellence within our department.

Together, we have built a vibrant community of learners, researchers, and innovators who are committed to pushing the boundaries of what is possible in the field of computer science engineering. As we look to the future, I am confident that with your continued support and dedication, our department will continue to thrive and make significant strides in shaping the future of technology.

Thank you for your unwavering support and belief in our mission. Here's to many more years of excellence and innovation!

## THE OP CODE TEAM

### Editor-in-Chief:

PROF.SACHIN MALAVE

### Designer-in-Charge:

PROF.RUSHIKESH NIKAM

### Designers:

Juhi Sonar (TE-C)  
Gitanjali Salvi (SE-B)

### Content Editors:

Sakshi Kunta (TE-A)  
Suhani Shah (SE-C)

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# PROGRAM

## SPECIFIC OUTCOMES

### PSO1:

**Professional Skills:** The graduate must be able to understand, analyse and develop computer programs, applications in the areas of Computer science and engineering.

### PSO2:

**Problem-Solving Skills:** The graduate must be able to apply standard practices and strategies in software project development to deliver quality products for industry, organization & society.

### PSO3:

**Successful Career and Entrepreneurship:** The graduate must be able to employ modern technologies in creating innovative career paths in an entrepreneurship, higher studies and jobs in industry.

# PROGRAM

## EDUCATIONAL OBJECTIVES

### PEO1:

Graduate shall be competent to gain employment in global industry or pursue higher studies in premier universities.

### PEO2:

Graduate shall apply core competence in problem solving, analysis, Synthesis, Innovation to solve engineering problems in the global environment.

### PEO3:

Graduate shall demonstrate knowledge and skills learned in database management, data structures, Analysis of algorithms, Programming, Machine learning and allied technologies in the successful development of products, projects and processes.

### PEO4:

Graduate shall demonstrate leadership skills, professional ethics, Communication skills, interpersonal skills work as effective team members in the professional practice.

### PEO5:

Graduate shall apply life skills and lifelong learning to lead a successful individual life and a responsible citizen to contribute towards development of society and country.

# COMPUTER STUDENT'S ASSOCIATION



**ADITI PANCHPOR**  
President

*As a creative team leader, I prioritise both personal and team growth, actively seeking new hobbies and learning opportunities to nurture innovation and collaboration.*



**RUTUJA DAMBIR**  
Event Head

*With a blend of leadership, problem-solving, creativity, adaptability, and a positive outlook, I fuel innovation and foster teamwork.*



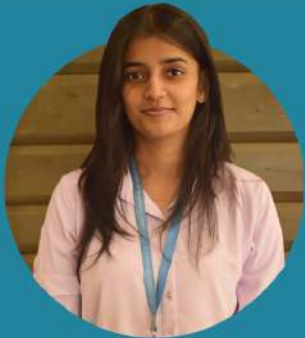
**VAIDIK GUPTA**  
Treasurer

*A Math enthusiast, a passionate learner who is always eager to have new experiences & willing to take risks.*



**JUHI SONAR**  
Design Head

*A creative mind with an eye for detail, fueled by passion and driven by innovation.*



**RICHA THANEKAR**  
Joint President

*Proficient in management and connecting with others, I'm always curious to explore new opportunities.*



**JATIN KHANIJOAN**  
Joint Event Head

*Driven by passion and sense of purpose, I embrace challenges with enthusiasm, persistently pushing boundaries and fostering growth at every turn.*



**NAVIN SHARMA**  
Joint Treasurer

*As someone passionate about managing creative endeavors, I thrive on exploring new opportunities and pushing boundaries in innovative projects.*



**GITANJALI SALVI**  
Joint Design Head

*I strive to blend innovation with precision, balancing creativity and functionality, with a keen eye for detail and a commitment to aesthetic excellence.*



**SAKSHI KUNTA**  
Magazine Head

*Public speaking is my strength and my confidence is my key. I keep up with the modern world but also value my roots.*



**SHONIT LUNIYA**  
T&P Coordinator

*Always eager to absorb new skills and knowledge, I am proficient at managing tasks, coupled with attentive listening skills and a knack for problem-solving.*



**DEEP KOTWAL**  
Team Member

*Creative and crafty, approaches challenges from unique angles to find innovative solutions.*



**PRANJAL NIKAM**  
Team Member

*Through clear communication, meaningful creation, effective time management, and problem-solving, I strive for impactful outcomes while encouraging teamwork.*



**SUHANI SHAH**  
Magazine Head

*Passionate about literature, adept at management, and always eager to explore new avenues.*



**KARAN PATEL**  
Social Media Head

*Passionate about capturing moments and being creative all the time, I'm a photography enthusiast dedicated to freezing time and telling stories through images.*



**PUSPAK DAKKATA**  
Team Member

*As a quick connection expert, I effortlessly engage and build meaningful relationships with diverse individuals.*



**SOHAM PETHKAR**  
Team Member

*A passionate research enthusiast driven by an insatiable curiosity to delve into the depths of knowledge and uncover hidden insights.*

# COMPUTER STUDENT'S ASSOCIATION



CSA is an integral part of the educational mission of the department. As the center of the department community life, CSA complements the academic experience through an extensive variety of cultural, educational, social, and recreational programs. These programs provide the opportunity to balance course work and free time as cooperative factors in education.

# COMPUTER DEPARTMENT FACULTY



Dr. R.K.  
Ambekar



Dr. P.P.  
Adivarekar



Dr. Mamta Kurve



Prof. Merlin Priya



Prof. Ramya R.B.



Prof. S.V. Furtado



Prof. Archana  
Kotangale



Prof. Sukhada  
Aloni



Prof. Rushikesh  
Nikam



Prof. Sachin  
Takmare



Prof. Bharti  
Khemani



Prof. Deepali  
Khayande

Teaching computer science isn't just about imparting knowledge; it's about inspiring the next generation of innovators and problem solvers.



Prof. Harshali  
Bhuwad



Prof. Babita  
Gawate



Prof. Kadambari  
Deherekar



Prof. Ashvini  
Gaikwad



Prof. Pranali  
Patil



Prof. Suchita  
Dange



Prof. Deepak  
Khachane



Prof. Shamika Mule



Prof. Varsha  
Wangikar



Prof. Vandana  
Virbhadre



Prof. Krishnapriya  
S.



Prof. Arathi  
Kamble



Prof. Vishakha  
Chaudhari



Prof. Tanvi Kapdi



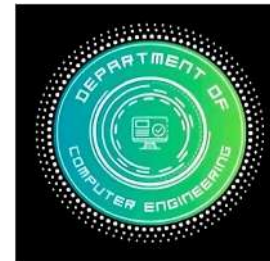
Mrs. Sayali Kand



Mrs. P.S. Farkade



# LOGO COMPETITION



Under the auspices of CSA , the logo competition was unveiled with great excitement and anticipation. Participants were invited to unleash their creativity and conceptualize a logo that captured the essence of the club's mission and values.

A diverse array of submissions poured in, each reflecting the unique perspectives and artistic flair of its creator. From minimalist designs to intricate illustrations, the submissions showcased a wealth of creativity and innovation. Participants embraced the challenge with enthusiasm, infusing their designs with passion and ingenuity.

To streamline the submission process, participants were required to upload their designs in high-quality PNG format. The circular layout provided a cohesive framework for design, fostering simplicity and visual harmony. With the submission deadline set for Friday, September 8th, 2023, participants eagerly awaited the opportunity to contribute to the club's visual identity.

A distinguished panel of judges, comprising members of the CSA Club and faculty advisors, undertook the arduous task of evaluating the submissions. Criteria such as originality, relevance to the club's ethos, and aesthetic appeal guided the evaluation process, ensuring a thorough and impartial assessment.

## Conclusion:

The logo competition organized by the CSA Club served as a testament to the vibrant creative spirit and unity within our community. From inception to culmination, the event fostered collaboration and camaraderie, reinforcing the club's mission of fostering innovation and collaboration. As the competition draws to a close, we extend our heartfelt appreciation to all participants for their exceptional contributions. In the spirit of inclusivity and excellence, we eagerly anticipate unveiling the winning design, which will serve as the emblem of the CSA Club, embodying its values and aspirations.

The Teacher's Celebration event held in Room 310 on September 5th, 2023 by the CSA Committee was a resounding success, offering a delightful array of activities designed to express gratitude and appreciation to our esteemed educators. The event, meticulously coordinated by the dedicated event managers, showcased the spirit of camaraderie and admiration within our community. The celebration commenced with an air of excitement and anticipation as attendees gathered to honour our teachers. The event, organized by CSA , served as a heartfelt tribute to the dedication and guidance provided by our teachers.

## Whisper Challenge:

Participants engaged in the thrilling Whisper Challenge, featuring the dynamic duo of Suhani and Puspak as event managers. Laughter filled the room as participants attempted to decipher whispered phrases, fostering an atmosphere of light-hearted camaraderie.

## Karaoke:

The Karaoke session, helmed by Soham, Pranjal, and Gitanjali, provided a platform for participants to showcase their musical talents and serenade our teachers with heartfelt melodies. The room resonated with the harmonious notes of appreciation and gratitude.

## Pictionary/Guess the Gibberish:

The Pictionary and Guess the Gibberish segment, led by Deep, Rutuja, and Sakshi, captivated participants with its blend of creativity and intellect. Drawing upon their artistic and linguistic skills, participants embraced the challenge of deciphering cryptic phrases and unraveling visual clues.

The Teacher's Celebration event served as a poignant reminder of the profound impact our teachers have on our lives. Through engaging activities and heartfelt gestures, participants conveyed their deep appreciation and gratitude to our teachers for their unwavering support and guidance.

## Conclusion:

The Teacher's Celebration event, orchestrated by the CSA Committee and led by the dedicated event managers, was a resounding testament to the bond between teachers and students. As the event drew to a close, hearts were filled with warmth and gratitude, underscoring the invaluable role of teachers in shaping our lives.

# BITFLIP TECHFEST 2k24



The A. P. Shah Institute of Technology proudly celebrated Engineer's Day on September 15th, 2023, paying tribute to the illustrious Dr.M.Visvesvaraya, an unparalleled gem in India's history of engineering excellence.

The "BITFLIP" event organised by Department of Computer Engineering under CSA took place in the college premises on 15th 2023 in the presence of Head of Department of Computer Engineering, Prof. Sachin Malave and the teaching staff of the Department of Computer Engineering. The event was led and executed successfully with 100+ students participation under the guidance of Prof. Rushikesh R. Nikam.

*The following events were conducted under BITFLIP 2K23:*

1. Kon Banega Tech-savvy
2. AI-Expedition Workshop
3. E-Gaming

## 1. Kon Banega Tech-savvy

Kon-Banega Tech-savvy, a thrilling coding quiz event, This event brought together tech enthusiasts from various academic levels to showcase their technical prowess and problem-solving skills in a format reminiscent of a popular quiz show. Kon-Banega Tech-savvy was designed to challenge participants' coding abilities and technical knowledge. Teams of 3 or 4 members competed in a captivating contest featuring Tech-related questions of varying complexity. Remarkably, the event saw maximum participation from 2nd year students, highlighting their enthusiasm for coding challenges and their growing tech-savvy skills. The event attracted teams, each consisting of talented and motivated individuals ready to put their coding skills to the test. Kon-Banega Tech-savvy successfully captured the spirit of competitive coding and technical knowledge. The enthusiastic participation of 2nd-year students and the presence of competitive teams made this event a remarkable testament to the growing interest in technology and coding within the academic community.



## 2. AI-Expedition Workshop

The AIML Expedition Workshop, was an immersive journey into the world of Artificial Intelligence (AI) and Machine Learning (ML). This workshop aimed to provide students with a comprehensive understanding of AI, its history, types such as AIML and GenAI, ethical considerations, and the future of AI. This report summarises the key highlights and outcomes of this enlightening session. Notably, the AIML Expedition Workshop saw the highest participation from second-year students, demonstrating their eagerness to explore and understand AI and ML.

The workshop attracted an impressive audience of more than 100 students, indicating a strong interest in the subject matter. The workshop speculated about the future of AI, discussing potential advancements and challenges that lie ahead.



## 3. E-Gaming

The E-Gaming event was one of the various technical and non-technical events held as a part of BITFLIP , the technical event of the Computer department organized by the Computer Students Association (CSA) . The E-gaming events consisted of 2 games, both of team and individual category.

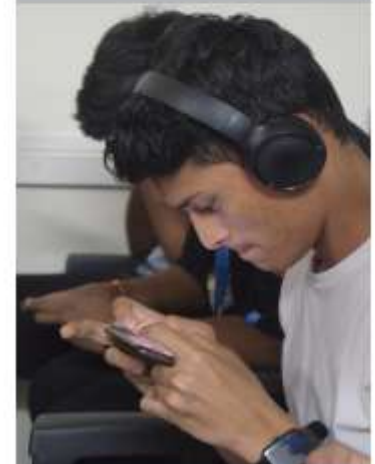
The games were as follows:

BGMI:

The BGMI Challenge and Stumble Royale Showdown were exciting gaming events organised as part of a larger gaming workshop, these events aimed to provide an electrifying platform for students to exhibit their gaming skills and sportsmanship.

Stumble Royale Showdown Event:

The Stumble Royale Showdown offered a riotous gaming experience for fans of Stumble Guys.



# READY SET HIRE

The Ready Set Hire event, organised by the CSA was a resounding success, providing TE and SE students with valuable insights into real-world job interviews. The event, comprising aptitude tests and personal interview rounds, was designed to simulate the interview process and enhance students' readiness for the job market. Notably, BE students played a pivotal role by conducting interviews, offering mentorship to their junior counterparts.

The event received overwhelming participation from students and faculty alike, highlighting its significance in career development. Participants appreciated the opportunity to gain practical interview experience and receive constructive feedback. The event fostered collaboration and mentorship within the CSA community, equipping students with the skills and confidence to succeed in future job interviews.

The success of the Ready Set Hire event underscores the CSA's commitment to nurturing students' professional growth and development. Moving forward, we remain dedicated to organizing impactful events that empower students to thrive in their careers.

'Stockwise' was a speaker's event that was organized by Entrepreneurship development directors of Rotaract club of Thane East in collaboration with CSA committee in A.P. Shah institute of technology. Speakers for the event were the founders of Nexus Traders namely, Hitesh Gadling and Sujoy Bhattacharya. The event was held in 112, that is the seminar hall of the college with a count of 30 students.

The event began with a small introductory speech given by one of the students of A.P. Shah. Later, felicitation of two speakers was held and was done by Prof. Rushikesh R. Nikam with bouquets.

After both the speakers were felicitated, they started presenting their presentations in order to proceed with the main event. Students keenly listened to what they had to say as they shared their views on financial independency and money management.

The event ended in 1 hour. At the end of the event a doubt session was arranged for students to ask doubts regarding anything related to the event or just to clear up their personal queries. Hence, the event was a huge success.



# POSTMAN CERTIFICATION



An event “APIs 101 with Postman” was organized by the Computer Students Association on the 24th January 2023.

The guest speaker for the event was Mr. Manas Nanivadekar Postman Student Leader who is our Student of APSIT. In the event speaker introduce the POSTMAN API, and explain Postman is an application used for API testing. It is an HTTP client that tests HTTP requests, utilizing a graphical user interface, through which we obtain different types of responses that need to be subsequently validated. Also, he delivered quick summary of the methods and API test errors when using Postman and a quick view of its advantages when executing these kinds of tests.

The students had a lot of fun participating in the hands-on workshop, which was a highly participatory part of the event. Many of the attendees were first timers and they did an excellent job of understanding the fundamentals of APIs. Even though the seminar was geared toward those who were just starting out, there was material presented that was useful for everyone.

Students also had their questions answered by Speaker right away, which was one of the reasons why the chat was so lively and why there were questions asked on a consistent basis. The event was a huge success overall.



# LINKINNOVATE (LINKED IN SEMINAR)



The LinkedIn and Profile Building Workshop, held on 31st January 2024, proved to be a comprehensive and enlightening session geared towards equipping participants with the necessary tools for enhancing their LinkedIn profiles and expanding their professional networks.

Spearheaded by industry expert Kshitiz Jain, the workshop delved into various facets of LinkedIn, ranging from crafting compelling profiles to utilizing the platform for career progression.

The workshop provided students with invaluable insights into the importance of LinkedIn as a powerful networking platform and a tool for personal branding. Through this interactive sessions students learned how to create and optimize their LinkedIn profiles, showcase their skills and achievements, and connect with professionals in their field of interest.





# EXALT

Exalt, technical fest of A.P. Shah Institute of Technology, was a celebration of innovation and excitement, featuring a diverse range of events to engage students of all interests. The project

and poster presentations were a highlight, where students showcased their research, prototypes, and creative ideas. Meanwhile, for those looking for a break from the technical grind, the Bingo and BGMI games provided a thrilling escape. Participants enjoyed friendly competition and camaraderie as they battled it out in virtual worlds and tried their luck at bingo. Exalt was not just a fest but a platform for learning, collaboration, and fun, bringing together the entire college community in a celebration of technology and creativity.

## 1) Poster Presentation:

- The poster presentation at our college tech fest was a vibrant showcase of innovative ideas and creative solutions. Students from various disciplines came together to present their research findings, projects, and prototypes through visually engaging posters. Each poster was a testament to the dedication and hard work put in by the participants, highlighting topics ranging from sustainable energy solutions to cutting-edge advancements in artificial intelligence. The event provided a platform for students to share their knowledge, exchange ideas, and inspire others with their passion for technology.

## 2) Project Presentation:

- The project presentation segment of our college tech fest was a dynamic display of ingenuity. Students showcased their projects, spanning a wide array of fields such as robotics, renewable energy, healthcare technology, and more. With detailed demonstrations and insightful explanations, participants elucidated the intricacies of their projects, demonstrating their technical prowess and problem-solving skills.

The event not only fostered a spirit of innovation but also encouraged collaboration and interdisciplinary learning among students, paving the way for a brighter future in the realm of technology.

## 3) Bingo:

- The "Bingo Code Challenge" brought an exhilarating twist to Exalt, engaging participants in a thrilling test of coding prowess and pattern recognition. In this innovative event, participants were presented with nine distinct coding problems, each offering a unique challenge to solve. With quick thinking and sharp coding skills, participants raced against time to find solutions to these problems. However, the competition didn't stop there. As participants submitted their solutions, they also had to keep an eye on their Bingo card, strategically marking off the problems they solved in a quest to achieve a winning pattern. The atmosphere was electric as participants feverishly worked to crack the code and emerge victorious in this high-stakes game of skill and strategy.

## 4) E-games:

- In, Exalt, one of the most anticipated and adrenaline-pumping events was the Battle Grounds Mobile India (BGMI) tournament. BGMI, a popular multiplayer mobile game, took centre stage as students battled it out for glory and supremacy in intense virtual combat. Participants showcased their strategic prowess, quick reflexes, and teamwork as they engaged in thrilling matches, each one filled with heart-pounding action and suspense. Spectators cheered on their favourite teams, creating an electrifying atmosphere charged with excitement and anticipation. The BGMI tournament not only provided a platform for gamers to showcase their skills but also fostered camaraderie and sportsmanship among participants. It was a testament to the growing influence of mobile gaming in our college community, bringing students together in the spirit of competition and fun.





## PROJECT POSTER PRESENTATION

The BE Students Poster Competition, held on March 15th in Room 008 under the auspices of the CSA, was a spectacular showcase of creativity and innovation, leaving attendees inspired and impressed. This report encapsulates the highlights and outcomes of this exhilarating event. The competition commenced at 9:30 AM and continued until 5:00 PM, providing ample time for participants to present their captivating poster designs. The venue buzzed with excitement as students and faculty gathered to witness the brilliance of our BE students. Participants unleashed their creativity through bold visuals and concepts,

transforming the venue into a gallery of artistic expression. Each poster design was a testament to the talent and imagination of our BE students, showcasing their diverse perspectives and innovative thinking.

Exciting rewards awaited the top winners, motivating participants to push the boundaries of their creativity. The jury panel faced the challenging task of evaluating the entries based on criteria such as visual appeal, originality, and alignment with the theme. Attendees, whether aspiring artists or engineering enthusiasts, were captivated by the range and quality of the poster designs on display. Each poster was a testament to the dedication and hard work put in by the participants. The event served as a platform for students to share their creative vision and garner feedback from their peers and mentors.

**Conclusion:** The BE Students Poster Competition, organized under the auspices of the CSA, was a resounding success, celebrating the talent and ingenuity of our students. Through their remarkable designs, participants demonstrated the intersection of art and engineering, inspiring admiration and appreciation from all who attended. As we reflect on the event's accomplishments, we extend our gratitude to the participants, organizers, and attendees for their enthusiastic participation and support. The competition not only showcased the creativity of our BE students but also served as a source of inspiration for the entire community.



## ALUMNI MEET

In a remarkable convergence of past and present, the Department of Computer Engineering recently hosted its much-anticipated Alumni Meet, an event that not only reminisced about the past but also paved the way for future endeavors. The gathering was a vibrant testament to the enduring bond between the college and its alumni, showcasing the profound impact these relationships have on both individual careers and the department's legacy.

The event was graced by the presence of our esteemed Head of Department Prof. Sachin Malave, who eloquently highlighted the indispensable role of our alumni. Their journeys, evolving from eager students within these very halls to professionals making their mark in the world, are a beacon of inspiration for our current cohort.

One of the highlights of the meet was the emphasis on the importance of the alumni network. The Head of Department Prof. Sachin Malave sir and Our Computer department Faculty Prof. Harshali Bhuwad Addresses underscored, how staying connected, sharing knowledge, and contributing back to the department can create a ripple effect of success and innovation. This network is not just a testament to the department's legacy but also a pivotal support system for current and future students.

From the profound insights shared by our Head of Department to the personal success stories of our alumni and the energetic discussions that took place, we intend to provide a comprehensive overview of this enriching event. Through this coverage, we hope to inspire our readers, motivate our students, and pay homage to the indelible mark our alumni have left on the Department of Computer Engineering.

In essence, the Alumni Meet was not just an event; it was a celebration of the past, present, and future of the Computer Engineering community at our college. It served as a reminder that while our alumni may have ventured far from their alma mater, their contributions and achievements continue to inspire and shape the next generation of engineers.

# HACKWAVE



Hackwave 2024, organized by A. P. Shah Institute of Technology, marked an exhilarating journey into the world of innovation and technology. This hackathon, held on the 6th and 7th of April 2024, brought together budding technologists and innovators under one roof to tackle real-world challenges and push the boundaries of creativity and problem-solving. The hackathon garnered significant interest, with a total of 146 teams registering before the deadline on 29th March 2024. These teams comprised 3 to 4 members each, showcasing the enthusiasm and collaborative spirit among the student community. Out of these registrations, 86 teams submitted their projects for pre-evaluation before the 1st of April. Finally, 50 teams were selected to compete in the 24-hour hackathon, demonstrating the high level of competition and the rigor of the selection process.

The first day of Hackwave commenced with registration opening at 8:30 AM, followed by a grand inauguration at 10:00 AM. Dignitaries from A. P. Shah Institute of Technology, including the Principal and Heads of Departments, graced the occasion. Additionally, esteemed chief guests Mr. Sandeep K, CEO & Co-founder of Data Science Wizards, and Mr. Aditya M, Project Manager at Exceller Tech, and their respective team of engineers added to the prestige of the event. The hackathon offered two distinct domains for participants to explore: Sustainability, provided by sponsor Data Science Wizards, and Intelligent Automation, provided by sponsor Exceller Tech. Following the inauguration, participants were provided with detailed problem statements related to their chosen domains, marking the beginning of the coding period. Throughout the day, participants were fuelled with light refreshments, ensuring they remained energized and focused on their projects. Lunch was served at 1:30 PM, offering participants a chance to rejuvenate before diving back into their coding endeavours. Mentors visited each team's table at 3:00 PM, providing guidance and feedback to enhance their solutions. As the day progressed, industry experts from the sponsoring organizations assessed the projects at 5:30 PM, evaluating their innovation, feasibility, and impact. A communal dinner was organized at 8:30 PM, providing participants with an opportunity to network, unwind, and prepare for the intense day ahead.



The second day of Hackwave commenced with a mentoring session at 2:00 AM, aimed at providing teams with additional support and guidance during the critical phases of their projects. At 7:00 AM, an elimination round was conducted, wherein 14 teams were selected to advance to the next stage out of the initial 50 teams. Following the elimination round, breakfast was served at 8:00 AM, allowing participants to refuel before the screening round for the finale at 11:00 AM. Lunch was provided at 1:00 PM, offering participants a final opportunity to recharge before the culmination of the event. At 2:00 PM, the selected teams delivered their final presentations, showcasing their innovative solutions and addressing the judging criteria. Finally, at 4:00 PM, the results were announced, declaring the winners as (Team 1 (winner)), (Team 2 (runner-up)) for Sustainability and (Team 1 (winner)) and (Team 2 (runner-up)) for Intelligent Automation domain.

Hackwave 2024 was a resounding success, providing a platform for aspiring technologists to showcase their skills, creativity, and passion for innovation. The event not only fostered collaboration and learning but also served as a testament to the power of technology in addressing real-world challenges. As participants departed with newfound knowledge and experiences, the legacy of Hackwave 2024 continued to inspire future generations of innovators and change-makers.





Google Developer Student Clubs  
A.P Institute of Technology

# GOOGLE DEVELOPER STUDENT CLUB



In a remarkable achievement, Atharva Karekar from A. P. Shah Institute of Technology, located in Kasarvadavali, Thane, Maharashtra, emerged as the winner of the prestigious National Technical Research Organisation (NTRO) competition, SIH1453. This highly competitive event focused on software development and saw enthusiastic participation from some of the brightest young minds across various technical institutes in India. Atharva, as part of the innovative team BitHeads, demonstrated exceptional technical expertise, problem-solving skills, and creativity, leading his project to stand out among numerous outstanding submissions. His innovative approach and meticulous execution earned him the top honor, along with a prize of ₹100,000, underscoring the high level of skill and ingenuity displayed during the competition.

The SIH1453 competition was conducted across multiple institutes, with the Noida Institute of Engineering and Technology, Greater Noida, Uttar Pradesh, serving as one of the key venues. The event fostered an environment of collaboration and knowledge-sharing, bringing together talented students, industry professionals, and academia from different regions of the country.

Participants tackled real-world challenges in software development, requiring them to apply their coding expertise, analytical thinking, and innovative solutions to complex problems. The competition not only tested their technical acumen but also emphasized the importance of teamwork, adaptability, and critical thinking—essential skills for the rapidly evolving tech industry.





# SMART INDIA HACKATHON

In a remarkable achievement, Atharva Karekar from A. P. Shah Institute of Technology, located in Kasarvadavali, Thane, Maharashtra, emerged as the winner of the prestigious National Technical Research Organisation (NTRO) competition, SIH1453. This highly competitive event focused on software development and saw enthusiastic participation from some of the brightest young minds across various technical institutes in India. Atharva, as part of the innovative team BitHeads, demonstrated exceptional technical expertise, problem-solving skills, and creativity, leading his project to stand out among numerous outstanding submissions. His innovative approach and meticulous execution earned him the top honor, along with a prize of ₹100,000, underscoring the high level of skill and ingenuity displayed during the competition.

The SIH1453 competition was conducted across multiple institutes, with the Noida Institute of Engineering and Technology, Greater Noida, Uttar Pradesh, serving as one of the key venues. The event fostered an environment of collaboration and knowledge-sharing, bringing together talented students, industry professionals, and academia from different regions of the country.

Participants tackled real-world challenges in software development, requiring them to apply their coding expertise, analytical thinking, and innovative solutions to complex problems. The competition not only tested their technical acumen but also emphasized the importance of teamwork, adaptability, and critical thinking—essential skills for the rapidly evolving tech industry.

This accomplishment reflects not only the talent nurtured at A. P. Shah Institute of Technology but also the immense potential of India's future technologists in shaping groundbreaking solutions for the world.





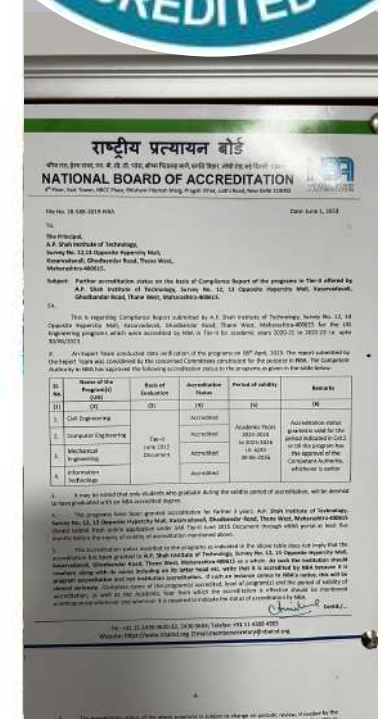
# VIRTUAL REALITY

On 14th October, the Computer Society of India (CSI) successfully hosted the much-anticipated "VR Project Development and Exhibition" event, exclusively designed for the final-year students of the Computer Department. This initiative aimed to equip students with practical exposure to virtual reality (VR) concepts while honing their skills in UNITY software, a widely used platform for VR development. The event commenced at 10:00 AM, with an introductory session where industry experts and faculty members provided insights into the significance of VR technology, its real-world applications, and its growing impact across industries such as gaming, healthcare, education, and architecture. Following this, students were divided into groups of three to four members and were given a timeframe of three hours to conceptualize and develop a fully functional VR-based project on a topic of their choice.



# NBA

The Department of Computer Engineering, along with the Departments of Civil Engineering, Information Technology, and Mechanical Engineering, has recently been granted an extended accreditation for a period of three years by the National Board of Accreditation (NBA). To uphold the quality of education, APSIT underwent the NBA accreditation compliance process for its eligible UG programs. As part of this, the NBA Expert Committee visited the institution on 8th April 2023 for a compliance evaluation of four UG programs. The expert team conducted a thorough assessment to ensure that the programs continue to meet the prescribed quality standards. During the visit, the team engaged with various stakeholders, including faculty members, staff, students, alumni, recruiters, and parents. The compliance visit highlighted the institute's adherence to NBA standards and its dedication to outcome-based education. The NBA peer team expressed their satisfaction with the department's infrastructure, teaching-learning processes, student performance, student-centric initiatives, industry collaborations and the motivation levels of the faculty, acknowledging the institution's potential for excellence. The accreditation reaffirmation is a testament to the department's commitment to continuous improvement and excellence in technical education. This achievement further strengthens APSIT's reputation as a premier institution, committed to fostering innovation, research, and holistic development among students.



# NATIONAL SERVICE SCHEME



This group photo, taken during the Republic Day Parade on January 26th, captures more than just a moment—it embodies the dedication, teamwork, and unwavering spirit of our NSS unit. Each face in this picture represents a story of commitment, service, and the relentless drive to contribute to society. Our volunteers and core team members have stood shoulder to shoulder, bound by a shared vision of positive change, making a difference in countless lives through their selfless actions.

Over the past year, our NSS unit has actively engaged in a diverse range of initiatives aimed at uplifting communities and fostering social responsibility. From environmental conservation drives, tree plantation programs, and cleanliness campaigns to organizing educational workshops, skill development programs, and health awareness initiatives, our volunteers have worked tirelessly to address critical social issues. Their efforts in supporting underprivileged communities, conducting blood donation camps, and spreading awareness about sustainable living have left a profound impact.

Guided by the motto “Not Me, But You,” the NSS unit stands as a testament to the power of youth-driven change. It is through unity, compassion, and determination that our volunteers have been able to touch lives, instill hope, and create a ripple effect of positive transformation. Their active participation in disaster relief efforts, rural development programs, and gender equality campaigns highlights the depth of their commitment to societal well-being.

As we reflect on this journey, this photograph serves as more than just a memory—it is a symbol of perseverance, collaboration, and the boundless potential of young minds striving to make the world a better place. With each initiative, we reaffirm our promise to continue serving with dedication, ensuring that our collective efforts lead to a brighter, more inclusive future for all.



# STUDENT'S PUBLICATIONS

| GROUP MEMBERS                 | GUIDE NAME               | SECOND AUTHOR NAME (SECOND FACULTY NAME MENTIONED IN PAPER) | PAPER TITLE                                                          | IF PUBLISHED OR PRESENTED- IEEE EXPLORE/SCOPUS INDEXED (ADD CONFERENCE DETAILS)                                                                                       |
|-------------------------------|--------------------------|-------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Divekar Shreyash Vijaykumar   | Prof. Bharti J Khemani   | Prof Manasi Chouk                                           | HEALTHASSURED- Unmasking Healthcare Misinformation                   | IEEE-5th international conference on Computing ,power and communication (IC2PT)                                                                                       |
| Gupta Shreyash Rajesh         |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Jain Pratham Rakesh           |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Jain Dishank Rakesh           |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Chougule Mahek Chiraguddin    | Prof. Deepali Kayande    | Prof. Sachin Malave                                         | ProctoXpert- An AI Based Online Proctoring System                    | IEEE - 3rd International Conference for Innovation in Technology (INOCON 2024)                                                                                        |
| Bagul Sakshi Bhartari         |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Noor Bano Abrar Ahmed Ghoshii |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Gharat Mansi Rajendra         |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Jagtap Abhishek Bharat        | Prof. Deepali Kayande    | Prof. Sachin Malave                                         | Smartserve – Leveraging Generative AI for Multifaceted Services.     | IEEE - 3rd International Conference for Innovation in Technology (INOCON 2024)                                                                                        |
| Ghaduse Omkar Sunil           |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Choudhari Tanvi Deepak        |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Bhosale Vidul Vijay           |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Khan Mohamad Azeeim Shabaaz   | Prof. Merlin Priya Jacob | Dr. Rahul Ambekar                                           | Deep Learning for Multimodal Caption Generation in Images and Videos | International Conference on Advances in Technology and Management <a href="https://icatm.in/index.php/call-for-paper/">https://icatm.in/index.php/call-for-paper/</a> |
| Patel Dhyey Mukesh            |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Kashyap Aman Narendra         |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Mane Prathamesh Sandeep       |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Kumar Aryan Ashwani           | Prof. Rushikesh R. Nikam | Prof. Pranali Patil                                         | BeaconNext: The Smart Attendance System                              | SmartDataCom (SDCN-2024) <a href="https://www.sdcn-conf.com/paperSubmissions">https://www.sdcn-conf.com/paperSubmissions</a>                                          |
| Mehta Janvi Rajesh            |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Kadam Nikita Sanjay           |                          |                                                             |                                                                      |                                                                                                                                                                       |
| Mali Harsh Sanjivan           |                          |                                                             |                                                                      |                                                                                                                                                                       |

|                            |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
|----------------------------|--------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mestry Tejas Shriram       | Prof. Rushikesh R. Nikam | Prof. Mansi Chowk        | Stable Diffusion : A Robust Approach for Image Generation                                                                        | International Conference on Computing and Machine Learning: <a href="https://scrs.in/conference/cml2024">https://scrs.in/conference/cml2024</a>                       |
| Mahajan Amey Shubhash      |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Menon Anupama Rajesh       |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Mathane Itisha Rajendra    |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Kulkarni Anushree Prasad   | Prof. Harshali S Bhuwad  | Prof. Archana Kotangale  | watchARound : Watch Try-on System                                                                                                | 8th Students' Conference on Engineering & Systems (SCES-2024) 5th International Conference on Data Science and Applications                                           |
| Ketkar Ananya Manoj        |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Kamath Prithvi Dayanand    |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Nimbalkar Omkar            |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Murthy Suhas Keshava       | Prof. Harshali S Bhuwad  | Prof. Krishnapriya Nair  | Flora & Flight: A Botanical and Interactive Augmented Reality Experience                                                         | International Conference on Advances in Technology and Management <a href="https://icatm.in/index.php/call-for-paper/">https://icatm.in/index.php/call-for-paper/</a> |
| Misale Mrunal Mahendra     |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Nirmal Ajay Arvind         |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Jain Suchit Pravinchand    |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Kumbhar Chetan Mallikarjun | Prof. Deepak S. Khachane | Prof. Rushikesh Nikam    | Sensei: Generative AI Based YouTube Study Assistant                                                                              | World Congress on Smart Computing (WCSC2024) <a href="https://scrs.in/conference/wcsc2024">https://scrs.in/conference/wcsc2024</a>                                    |
| Patil Aastha Satish        |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Kothari Vaishnavi Anil     |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Pani Anwesha Ashis         |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Nigam Saket Jagdish Prasad | Prof. Pranali S Patil    | Prof.Ashwini Gaikwad     | Equikey: Blockchain Solution for Real Estate                                                                                     | <a href="https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2F">https://cmt3.research.microsoft.com/User/Login?ReturnUrl=%2F</a>                               |
| Patel Kunj Hitesh          |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Pandey Avadh virendra      |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Pal prince Suresh          |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Panikar Somiya Sudeep      | Prof. Arathi S Kamble    | Prof. Bharti Khemani     | Cognitive Empowerment: Dyslexic Reading and Learning Support System                                                              | IEEE - 3rd International Conference for Innovation in Technology (INOCON 2024)                                                                                        |
| Mohite Mitali Manojkumar   |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Narkhede Namrata Subhash   |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Nikam Sayali Ramesh        |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Kunal Saini                | Prof. Archana Kotangale  | Prof. Kadambari Deherkar | Secure Medical Imaging Encryption through Grayscale Transformation, DNA Encoding, and 2D Baker Mapping: A Comprehensive Approach | 2nd International conference on Power Engineering and Intelligent Systems (PEIS2024)                                                                                  |
| Rehpade Raj Vilas          |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Sant Gaurang Umesh         |                          |                          |                                                                                                                                  |                                                                                                                                                                       |
| Rawat Ashutosh Dharmendra  |                          |                          |                                                                                                                                  |                                                                                                                                                                       |

# PLACEMENTS



**ARUN MATHAI**  
**12 LPA**



**ANUSHREE SALUNKHE**  
**4.75 LPA**  
IBM Technologies

*The future belongs to  
those who believe in the  
beauty of their dreams.*



**ANUPAMA MENON**  
**4.75 LPA**  
IBM Technologies



**ATHARVA KAREKAR**  
**4.25 LPA**  
Arcon Techsolutions Pvt Ltd



**SANA SHAIKH**  
**4.25 LPA**  
Arcon Techsolutions Pvt Ltd

|                     |                                  |          |
|---------------------|----------------------------------|----------|
| ANJALI DIVEKAR      | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| SHUBHAM MOJIDRA     | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| MEGHA SONI          | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| MOHAMAD AZEEIM KHAN | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| ANWESHA PANI        | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| HARSH MALI          | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| MITALI MOHITE       | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| PRAGYA TRIPATHI     | HEXAWARE TECHNOLOGIES LIMITED    | 4 LPA    |
| SWAMINI CHAUDHARI   | PARAMATRIX TECHNOLOGY PVT. LTD.  | 3.6 LPA  |
| SHRAVYA SHETTY      | PARAMATRIX TECHNOLOGY PVT. LTD.  | 3.6 LPA  |
| ANWESHA PANI        | PARAMATRIX TECHNOLOGY PVT. LTD.  | 3.6 LPA  |
| HARSH MALI          | SNAPWORK                         | 3.5 LPA  |
| ANIRUDDHA FALE      | EXCELLER CONSULTANCY             | 3.25 LPA |
| BHAVESH JAIN        | EXCELLER CONSULTANCY             | 3.25 LPA |
| HARJOT SINGH SIDHU  | EXCELLER CONSULTANCY             | 3.25 LPA |
| SAHIL GUJAR         | EXCELLER CONSULTANCY             | 3.25 LPA |
| ITISHA MATHANE      | KPMG                             | 3 LPA    |
| JANHVI SILASKAR     | KPMG                             | 3 LPA    |
| DHRUV MEHTA         | KPMG                             | 3 LPA    |
| ABHISHEK TIWARI     | BRANDVALLEY TECHNOLOGIES PVT LTD | 2.4 LPA  |

# FACULTY ACHIEVEMENTS

| Sr. No | Name of Faculty    | Academic Year | Details                                                                                                                                                | Web-Link/URL/Google drive link                                                                                                                                                          |
|--------|--------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Deepali Kayande    | 2023-24       | NPTEL<br>» Learning Analytics Tools                                                                                                                    | <a href="https://drive.google.com/drive/folders/1ya4VxaHB00vLn176LgrBXDloxoRBmS4z?usp=sharing">https://drive.google.com/drive/folders/1ya4VxaHB00vLn176LgrBXDloxoRBmS4z?usp=sharing</a> |
| 2      | Deepali Kayande    | 2023-24       | 5 Days online ISTE STTP on "Research Avenues in Engineering". This STTP was organized by Department of Instrumentation Engineering, BVCOE, Navi Mumbai | <a href="https://drive.google.com/drive/folders/1ya4VxaHB00vLn176LgrBXDloxoRBmS4z?usp=sharing">https://drive.google.com/drive/folders/1ya4VxaHB00vLn176LgrBXDloxoRBmS4z?usp=sharing</a> |
| 3      | Prof. S. S. Aloni  | 2023-24       | 5 Days online ISTE STTP on "Research Avenues in Engineering". This STTP was organized by Department of Instrumentation Engineering, BVCOE, Navi Mumbai | <a href="https://drive.google.com/file/d/1RE6bkC3P_q7iwCQVZrdZMst4JtgLkDzk/view?usp=sharing">https://drive.google.com/file/d/1RE6bkC3P_q7iwCQVZrdZMst4JtgLkDzk/view?usp=sharing</a>     |
| 4      | Dr. Mamta Kurvey   | 2023-24       | NPTEL course on Analog Communication was completed with Elite Certificate                                                                              | <a href="https://drive.google.com/file/d/1SQVjrYMQQL6tQa0pE2VxCSSY9iH999OxJ/view?usp=sharing">https://drive.google.com/file/d/1SQVjrYMQQL6tQa0pE2VxCSSY9iH999OxJ/view?usp=sharing</a>   |
| 5      | Prof. Merlin Priya | 2023-24       | 5 Days online ISTE STTP on "Research Avenues in Engineering". This STTP was organized by Department of Instrumentation Engineering, BVCOE, Navi Mumbai | <a href="https://drive.google.com/file/d/1ZoDA7pz1uOxlxgPRxpZbQyPxifvq-iv/view?usp=drive_link">https://drive.google.com/file/d/1ZoDA7pz1uOxlxgPRxpZbQyPxifvq-iv/view?usp=drive_link</a> |

Our teachers are the pillars of strength. They have encouraged and helped students develop a well groomed personality. Our faculties are also actively involved in research and their highly cited papers are proof to this.

|    |                          |         |                                                                                                                                                        |                                                                                                                                                                                           |
|----|--------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5  | Prof. Merlin Priya       | 2023-24 | 5 Days online ISTE STTP on "Research Avenues in Engineering". This STTP was organized by Department of Instrumentation Engineering, BVCOE, Navi Mumbai | <a href="https://drive.google.com/file/d/1ZoDA7pz1uOxlxgPRxpZbQyPxifvq-iv/view?usp=drive_link">https://drive.google.com/file/d/1ZoDA7pz1uOxlxgPRxpZbQyPxifvq-iv/view?usp=drive_link</a>   |
| 6  | Prof. Ramya R B          | 2023-24 | 5 Days online ISTE STTP on "Research Avenues in Engineering". This STTP was organized by Department of Instrumentation Engineering, BVCOE, Navi Mumbai | <a href="https://drive.google.com/file/d/19kPt7wgk3sLzJoN4vuOb72XfkWjUW5XZ/view?usp=drive_link">https://drive.google.com/file/d/19kPt7wgk3sLzJoN4vuOb72XfkWjUW5XZ/view?usp=drive_link</a> |
| 7  | Prof. Kadambari Deherkar | 2023-24 | NPTEL<br>» Learning Analytics Tools                                                                                                                    | <a href="https://drive.google.com/drive/folders/1hPysfY6uhUOXomt58ir1dkWxgVPv2Gw2?usp=sharing">https://drive.google.com/drive/folders/1hPysfY6uhUOXomt58ir1dkWxgVPv2Gw2?usp=sharing</a>   |
| 8  | Prof. Harshada Sonkamble | 2023-24 | 5 Days online STTP on "Data Science for Business" Organized By VIIT, Pune                                                                              | <a href="https://drive.google.com/file/d/1zZG3103fsL15SxFKetKx7PYIEhvQQ6l/view?usp=drive_link">https://drive.google.com/file/d/1zZG3103fsL15SxFKetKx7PYIEhvQQ6l/view?usp=drive_link</a>   |
| 9  | Ashvini Gaikwad          | 2023-24 | 6 Days online ISTE STTP on "Cyber Physical Systems: Bridging IoT, Computer Science and Cybersecurity"                                                  | <a href="https://drive.google.com/drive/folders/18hBddwWMti_hA0nL10H-QLnYgONMLDAC?usp=sharing">https://drive.google.com/drive/folders/18hBddwWMti_hA0nL10H-QLnYgONMLDAC?usp=sharing</a>   |
| 10 | Reshma Koli              | 2023-24 | 2 Days Faculty Development Program on "Big Data Analytics: Basics to Advanced", Organized by Fr. Conceicao Rodrigues College of Engineering            | <a href="https://drive.google.com/file/d/1vZkCA_QtYwUJczCBYDoTrTfrpWVwn5sA/view?usp=sharing">https://drive.google.com/file/d/1vZkCA_QtYwUJczCBYDoTrTfrpWVwn5sA/view?usp=sharing</a>       |

|    |                    |         |                                                                                                |                                                                                                                                                                                           |
|----|--------------------|---------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11 | Reshma Koli        | 2023-24 | 6 Days Online ISTE-Approved STTP on "Gray Box Probing and Generative AI"                       | <a href="https://drive.google.com/file/d/1_KRfTdkVs_4vZDm8Wafmu_rJ1TL9tNb1/view?usp=sharing">https://drive.google.com/file/d/1_KRfTdkVs_4vZDm8Wafmu_rJ1TL9tNb1/view?usp=sharing</a>       |
| 12 | Varsha Wangikar    | 2023-24 | 5 days FDP on "Building advance Data Analytics Applications with Clouds"                       | <a href="https://drive.google.com/file/d/1hJDAzzS3EBARU0vLIFMuwrTx6-amBB/view?usp=drive_link">https://drive.google.com/file/d/1hJDAzzS3EBARU0vLIFMuwrTx6-amBB/view?usp=drive_link</a>     |
| 13 | Vishakha Chaudhari | 2023-24 | 5 days Faculty Development Program on BUILDING ADVANCED DATA ANALYTICS APPLICATIONS WITH CLOUD | <a href="https://drive.google.com/file/d/1OKcXPKt06vLOM7naFPBWrk9mnFTiF-hC/view?usp=drive_link">https://drive.google.com/file/d/1OKcXPKt06vLOM7naFPBWrk9mnFTiF-hC/view?usp=drive_link</a> |
| 14 | Vishakha Chaudhari | 2023-24 | 5 Days FDP on Exploring Data Horizons: Applications on Data Science                            | <a href="https://drive.google.com/file/d/1WRclONcRRIVRHQFT_pbSOwli-rphtNGH/view?usp=drive_link">https://drive.google.com/file/d/1WRclONcRRIVRHQFT_pbSOwli-rphtNGH/view?usp=drive_link</a> |
| 15 | Shamika Mule       | 2023-24 | 6 Days ATAL FDP on Artificial Intelligence and Machine Learning                                | <a href="https://drive.google.com/file/d/1JyHGc22W9JcUdmQGpuyvIP11Q3126Fpn/view?usp=sharing">https://drive.google.com/file/d/1JyHGc22W9JcUdmQGpuyvIP11Q3126Fpn/view?usp=sharing</a>       |
| 16 | Shamika Mule       | 2023-24 | 10 Days Virtual Faculty Buildathon AIML with cloud                                             | <a href="https://drive.google.com/file/d/1I45ecb8w0k7ss_3u72pSjIUe28hnu1KG/view?usp=sharing">https://drive.google.com/file/d/1I45ecb8w0k7ss_3u72pSjIUe28hnu1KG/view?usp=sharing</a>       |

|    |                        |         |                                                                                                                                                                   |                                                                                                                                                                                           |
|----|------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17 | Priyanka Lohot         | 2023-24 | 2 Days Faculty Development Program on "Big Data Analytics:Basics to Advanced", Organized by Fr. Conceicao Rodrigues College of Engineering                        | <a href="https://drive.google.com/file/d/1VJfSm3smF45bpa8RmmwZ7OMTx88p43ms/view?usp=sharing">https://drive.google.com/file/d/1VJfSm3smF45bpa8RmmwZ7OMTx88p43ms/view?usp=sharing</a>       |
| 18 | Priyanka Lohot         | 2023-24 | 6 Days ATAL FDP on Artificial Intelligence and Machine Learning at MGM'S COLLEGE OF ENGINEERING AND TECHNOLOGY from 01/01/2024 to 06/01/2024.                     | <a href="https://drive.google.com/file/d/12Cc_evLik1SRh_GEkGw6oFsUvAmwvXBD/view?usp=sharing">https://drive.google.com/file/d/12Cc_evLik1SRh_GEkGw6oFsUvAmwvXBD/view?usp=sharing</a>       |
| 19 | Priyanka Lohot         | 2023-24 | 1 day Webinar on Applications of chatgpt in Academics and reaserch organized by Department of Research & Publications, A2Z, EduLearningHub LLP on 17th July 2023. | <a href="https://drive.google.com/file/d/1UbF_hBctj0SEEVzjstRdUX2g30DLqRwz/view?usp=sharing">https://drive.google.com/file/d/1UbF_hBctj0SEEVzjstRdUX2g30DLqRwz/view?usp=sharing</a>       |
| 20 | Prof.Pravin Adivarekar | 2023-24 | 5 Days online ISTE STTP on "Research Avenues in Engineering". This STTP was organized by Department of Instrumentation Engineering, BVCOE, Navi Mumbai            |                                                                                                                                                                                           |
| 21 | Varsha Wangikar        | 2023-24 | Cognitive Computing for Smart Applications                                                                                                                        | <a href="https://drive.google.com/file/d/1P83Zg7sd5KXfDe8v0_mfOfBokq5v9xqM/view?usp=drive_link">https://drive.google.com/file/d/1P83Zg7sd5KXfDe8v0_mfOfBokq5v9xqM/view?usp=drive_link</a> |

# SPORTS & EXTRA-CURRICULAR ACHIEVEMENTS



Richa Thanekar achieved victory in the **BADMINTON** singles competition, securing the top position.



Nishant Prasad showcased exceptional skill in the **TABLE TENNIS** singles event securing first position, while in the doubles category, he and his partner, Rohit Salvi, showcased flawless teamwork to claim the Runners Up spot.



Gopika Barot won in the singles category of carrom. Additionally, in the **CARROM** doubles event, Gopika partnered with Palak Boricha to clinch the top position.



Our girls excelled in Ojus sports this year, showcasing their impressive strength across various events. From dominating in box cricket and kabaddi to triumphing in throwball and tug of war, they demonstrated outstanding teamwork and determination. Their success in multiple competitions truly highlights their exceptional abilities and competitive spirit on the sports field.



Champions of strength and unity! Our fierce ladies conquered the **TUG OF WAR** battlefield, showcasing unbeatable teamwork and determination. Congratulations to the winning team Anushree Salunke, Anwesha Pani, Komal Chitnis, Nikita Kadam, Reyana Pawar, Sanskruti Shinde, Disha Poojary, Palak Boricha, Pranjal Nikam and Sampada Bhadane.

Dynamic duo: Our **TABLE TENNIS** doubles team serves up a thrilling match, clinching the runner-up title with skill and finesse. The partnership of Anushree Salunke and Anwesha Pani exemplifies the spirit of competition and sportsmanship.



In a burst of speed, Aishwarya Patwatkar blazes through the track to secure the runner-up position in the **100m SPRINT**, showcasing her agility and determination.



Presenting our triumphant girls' **KABADDI** team: Palak Boricha, Richa Thanekar, Aishwarya Patwatkar, Rutuja Dambir, Sakshi Kunta, Pranjal Nikam, Dhanashree Sabale, Teena Bisht, Ovee Dolkar, Pooja Tumma, Sampada Bhadane and Aditi Raut. Their stellar performance radiates skill, determination, and unwavering teamwork, bringing unparalleled pride to our college. Hats off to these extraordinary athletes for their resounding victory! Aditi Raut, Aishwarya Patwatkar, Palak Boricha, Sakshi Kunta, Pranjal Nikam, Nikita Kadam, Teena Bisht, Ovee Dolkar, Pooja Tumma and Sampada Vasant Bhadane - the unstoppable force behind our victorious girls' **BOX CRICKET** team.





Nishant Prasad and Rohit Salvi: our **TABLE TENNIS** doubles runners-up. Their skill and teamwork brought them to the top, embodying sportsmanship.

Kudos to our boys' **FOOTBALL** team for their outstanding participation! Their passion, teamwork, and sportsmanship have truly shone bright, bringing pride to our college. Well done, team!



Sana Sheikh, Sejal Yadav, Aishwarya Patwatkar, and Ovee Dolkar: our formidable team securing the Runners Up position in the **RELAY (4 x 100m)** event. Their synchronized speed and seamless baton exchanges were nothing short of remarkable, showcasing the epitome of teamwork and athleticism.



Meet the dynamic force behind our victorious girls' **THROWBALL** team : Sampada Bhadane, Teena Bisht, Palak Boricha, Richa Thanekar, Aishwarya Patwatkar, Pranjal Nikam, Sakshi Kunta, Reyan Pawar, and Ovee Dolkar. Their blend of skill and teamwork secured a well-deserved win, setting a shining example of excellence on the court. Let's applaud these remarkable athletes for their outstanding achievement!



# INFORMALS



Richa Thanekar - SE

*So let us pause for a moment to express our gratitude for the artists whose skill and passion breathe life into these pages. Their work enriches our lives in ways we may not always fully appreciate, but it is woven into the fabric of our cultural consciousness, shaping the way we see the world and ourselves.*

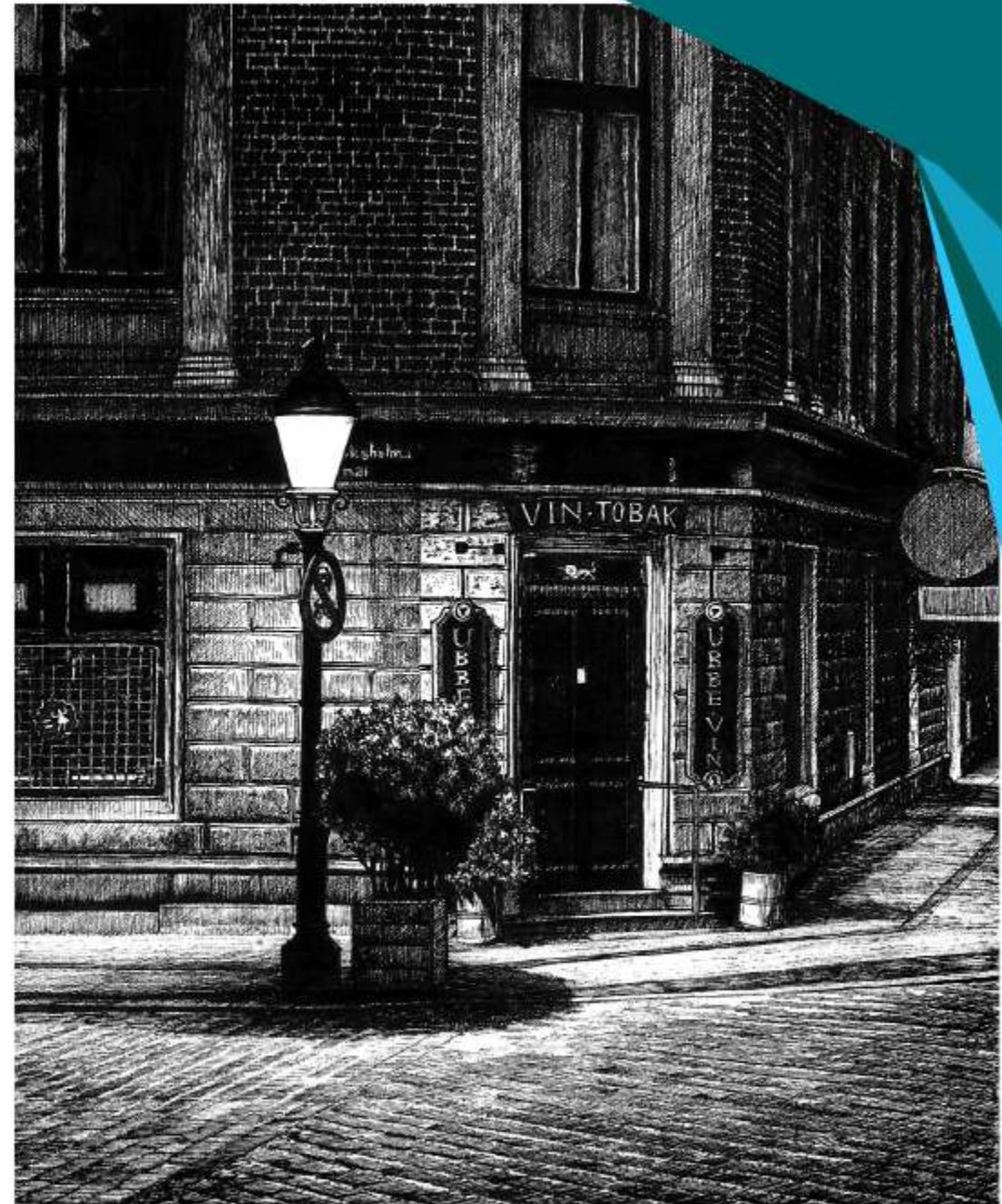


Aditya Raorane - TE

*take a moment to linger on the drawings and sketches that adorn its pages.*



Lalit Bagul - TE



Sahil Sajwan - BE

@elite.artillustration

*Take a moment to marvel at the intricacies of a finely rendered portrait, where every contour and shadow reveals the essence of the subject's character.*

## One of those times...

One of those evening times, when  
I decided to go deep with the rhymes,  
Birds returning to their nests,  
my body returning to mine.  
And by my body, I mean physically,  
mentally I was somewhere else,  
One of those evening times, I heard  
the sound of the temple bells.

Peace to the mind,  
Peace to the people,  
Peace by my rhymes,  
Peace by being simple,  
Prayers for the homeless,  
Prayers for the needy.  
Sound of the temple bells with the  
prayers of the disciples.  
The setting sun, orange sky was the sight,  
The sun setting, for the moon  
to show up at night.  
I find peace in these lines that I write,  
I observed freedom,  
in a little bird's first flight.  
It wasn't able to fly first,  
But it's alright!  
We all learn from our failures,  
it cannot always be right.  
Once, you're able to fly,  
fly so high, but  
let the thread be unbreakable  
of your ego's kite.

**Soham Palav - TE**

*Let's bask in poetry's  
gentle glow, Where words  
dance and emotions flow.*

*Poetry graces pages with subtle  
magic, each word a whispered  
blessing for those who pause to  
hear its gentle song.*

## The Temperamental Age

When the faded minds and gloomy hopes  
Oust the innocent, serene spirits  
Where the air of melancholy surrounds;  
This is when it is believed, 'Teenage' sprouts!

But this can't be the explicit truth  
As there always exists a brighter side,  
For it is the phase when we live our life to it's fullest  
By overcoming obstacles through the unerring guide.

We meet people with multifarious views  
Some showering love, some giving betrayal;  
Just like possessing a rose flower,  
With all it's beauty, along with bramble.

When the only constant thing is frequent mood swings  
And the only thing we love is : Hating ourselves !  
But this is the stage when we understand  
Real essence of self-love and start caressing one's ownself.

'Teenage' is just like a preliminary exam  
That life has to take to test our abilities  
And prepare us for the journey of this strenuous life  
By educating us to deal with onerous duties.

It is the storm through which each one has to sail;  
Pose which, life for all doesn't remain the same,  
As some bury themselves in the rat-race, while  
A few stand out from the crowd through their distinctive aspect.

We all believe, life of a teenager is not at all easy,  
Full of confusion and chaos;  
But trust me dear,  
it is the most beautiful period filled with thrill and charm,  
You just need to embrace the glorious mess you are !!

**Gitanjali Salvi - SE**



**Aditya Raorane - TE**



**Anushree Salunkhe - TE**



**Anushree Salunkhe - TE**



**Soham Palav - TE**

*"We create to explore the depths of  
our imagination and bring  
forth new worlds  
into existence."*

# END-OF-ISSUE

As we close this chapter of our CSA journey, let's reflect on the remarkable experiences shared and lessons learned. From coding challenges conquered to design dreams realized, each page has been a testament to our dedication and creativity. As we bid farewell, let's carry the spirit of innovation and collaboration forward. Remember, the end of one journey marks the beginning of another. Keep coding, keep creating, and keep inspiring. Until we meet again, stay curious and continue to explore the endless possibilities of CSA. Wishing you all success in your future endeavors. Farewell, with gratitude and anticipation.

Also, A heartfelt thank you to Rushikesh Sir for his calming guidance and unwavering support in steering our team through the highs and lows.



Magazine  
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