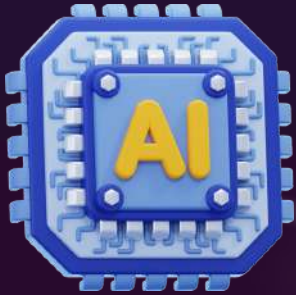


CESA
Computer Engineering
Student Association



CESA INSIDER

2024-2025



<https://pccoe.acm.org/>



pccoeacm



pccoe.acm



pccoeacm



pccoeacm

ACHIEVEMENTS

Smart India Hackathon



Team Anurved from PCCOE excelled at Smart India Hackathon 2024 by tackling the problem "Platform for Inter-departmental Cooperation at the City Level." Led by Prasad Mahankal and comprising Ashish Suryawanshi, Pranav Patil, Siddhesh Patil, Payal Pawar, and Pawan Patil (all TY BTech students), the team developed a unified platform for city-level data and resource sharing under the guidance of Dr. Pankaj Rangrao Mali. Their innovative solution enhances inter-departmental communication and decision-making, showcasing technical expertise and societal commitment. PCCOE celebrates their achievement as a step toward a smarter future.

ACHIEVEMENTS

ACM WINTER SCHOOL 2024

SRM Institute of Science & Technology Decoding AI



SRM University, AP, renowned for its academic excellence and advanced infrastructure, hosts this prestigious winter school, promoting innovation, research, and entrepreneurship. Their selection reflects exceptional talent and dedication to learning. We are proud of their achievements and confident this opportunity will elevate their academic and professional growth.

ACHIEVEMENTS

ACM WINTER SCHOOL 2024

SRM Institute of Science & Technology



Congratulations to Sahil Hirve, Shivam Yadav, Sanket Shende, Krushna Salbande, Swaroop Thakare, Amey Jadhav, Vineet Salve, Yuvraj Khade, and Raman Randive on their selection for the prestigious ACM India Winter School 2024 at SRM University, AP! 🌟 This event offers an excellent opportunity to enhance technical skills, engage with industry professionals, and attend workshops on the latest in Computer Science and Engineering.

ACHIEVEMENTS

Geek For Geeks Campus Ambassador



Ayush Patil from PCCOE has been selected as the GeeksforGeeks Campus Ambassador, a prestigious role that allows him to bridge the gap between learning and industry standards. As a Campus Ambassador, Ayush will inspire and empower fellow students, promote coding culture, and unlock new opportunities in the tech world. This achievement showcases his dedication, leadership, and passion for excellence in computer science.

Ayush's selection reflects his commitment to driving innovation, fostering a culture of learning, and shaping the future of technology. We are incredibly proud of his accomplishments and excited to see the positive impact he will make as a Tech Leader of Tomorrow.

Keep shining, Ayush! Your journey is just beginning, and the entire PCCOE community is cheering you on!

ACHIEVEMENTS

**CODS COMAD
Conference Attendee**



CODS-COMAD is a premier international conference focusing on scientific work in Databases, Data Sciences and their applications.

Saisha Chaudhary from the Department of Computer Engineering has been selected to attend the prestigious CODS-COMAD 2024 Conference, showcasing her dedication and excellence in Data Science. CODS-COMAD (Conference on Data Sciences and Management) is a leading international conference that brings together researchers, industry professionals, and students to discuss advancements in Data Science, Data Management, and Big Data. The event features workshops, technical sessions, and keynote speeches, offering insights into the latest trends and methodologies in data analytics and machine learning.

ACHIEVEMENTS

HSBC IIT Bombay 2024



HSBC IITB Finalist Rank 19

The Capture The Flag (CTF) competition was a collaborative event organized by IIT Bombay TrustLab and HSBC, showcasing challenges across various domains such as Cryptography, Steganography, Reverse Engineering, and more. The competition saw fierce participation, with finalists emerging from the Pune and Hyderabad divisions, demonstrating their exceptional problem-solving and cybersecurity skills.

ACHIEVEMENTS

Vishwa CTF VIT International



Vishwa CTF Rank 50

The Vishwa CTF, organized by VIT International, was a prestigious global competition that attracted participants from all over the world. With a massive participation of **65,000 players**, the CTF featured challenges across diverse domains like Cryptography, Steganography, Reverse Engineering, and more. Achieving an impressive **Rank 50**, the event demonstrated an extraordinary level of competition and skill among the participants.

ACHIEVEMENTS

Sunya CTF MIT



Secured an impressive **Rank 36** in the MIT Sunya CTF, an international Capture The Flag competition that attracted participants from across the globe. With a total of **90,000 contestants**, the CTF included challenges in domains such as Cryptography, Steganography, Reverse Engineering, and more, highlighting a high level of technical expertise and competitive prowess.

ACHIEVEMENTS

Hack The Box CTF



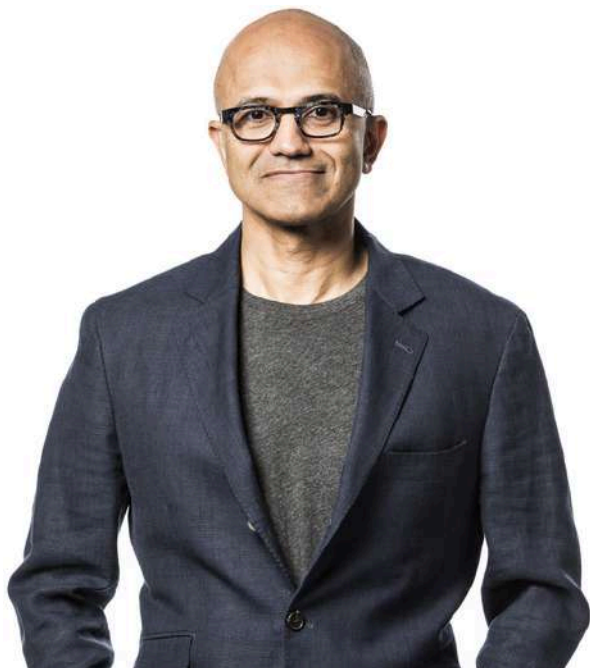
Hack The Box CTF Rank 45

Bug Found in DoD USA: Successfully identified a vulnerability in the U.S. Department of Defense during a Bug Bounty Program hosted by **HackerOne**, showcasing advanced skills in security assessment.

Hack The Box (HTB) CTF: Secured an outstanding **Rank 45** in this international Capture The Flag (CTF) competition, which featured participation from **90,000 contestants** worldwide. The event tested expertise in domains like Cryptography, Steganography, Reverse Engineering, and more.

TRIBUTE

A Transformational Leader in the AI Era



Beyond leading Microsoft, Satya Nadella has played an important role in reshaping the company's technological direction and culture. One of his major contributions has been promoting an open and collaborative development ecosystem, encouraging support for open-source technologies and cross-platform software development.

Nadella has also focused on strengthening enterprise technologies by integrating advanced data analytics, machine learning capabilities, and intelligent automation into Microsoft's products and services. This has enabled organizations worldwide to manage large volumes of data and build intelligent applications more efficiently.

Another key area of his influence is the expansion of cloud-based infrastructure and developer platforms that support scalable computing environments. By encouraging innovation among developers, startups, and research communities, Nadella has helped create a broader ecosystem where new ideas and technologies can grow.

The rapid advancement of artificial intelligence and cloud computing has reshaped the global technology landscape. One influential leader guiding this transformation is Satya Nadella, the Chairman and CEO of Microsoft. Born in India, Nadella has become one of the most respected figures in the modern computing industry, known for his forward-thinking leadership and focus on innovation.

Under his leadership, Microsoft has evolved into a major force in cloud computing and artificial intelligence. The company's cloud platform, Microsoft Azure, has grown into one of the world's leading cloud services, enabling businesses and developers to build scalable applications and AI-driven solutions.

Nadella has also played a crucial role in integrating advanced AI technologies into everyday digital tools. Through Microsoft's collaboration with OpenAI, the company has introduced powerful AI capabilities across its ecosystem, including productivity tools and intelligent assistants such as Microsoft Copilot.

His journey from an engineer to the leader of one of the world's most influential technology companies highlights the importance of innovation, adaptability, and lifelong learning in computing. Nadella's vision continues to inspire students, developers, and researchers to explore the possibilities of AI and build technologies that positively impact society.

Exploring the Scope of Digital Marketing: Opportunities and Insights

International Telecommunication Union (ITU) estimates that approximately 5.5 billion people – or 68 per cent of the world’s population – are using the Internet in 2024. This represents an increase from only 53 per cent in 2019, with 1.3 billion people estimated to have come online during that period. However, this leaves 2.6 billion people still offline.



As you all know Digital marketing refers to the use of digital channels, platforms, and technologies to promote products, services, or brands. Digital marketing is not just a trend; it's a necessity. With the increasing importance of online presence, companies are constantly looking for fresh talent with digital marketing skills. This includes roles like SEO specialists, content marketers, social media managers, and more. Digital marketing offers diverse job roles, allowing students to explore various aspects of marketing, such as content creation, data analysis, and campaign management. We all spend so much time on social media, right? So why not use it to create some engaging content and boost our/client's company's sales? Social media users are dedicated, spending an average of 2 hours 19 minutes per day across 6.8 different platforms. This equates to 14% of their waking lives according to DataReportal. That's an audience that deserves the attention of any marketer. And it gives brands the opportunity to connect with customers from every demographic at scale. Did you know that social media users are seriously committed, spending about 2 hours and 19 minutes daily across nearly 7 different platforms? That's like 14% of their waking lives, according to DataReportal.

Exploring the Scope of Digital Marketing: Opportunities and Insights

This level of dedication means social media is a goldmine for marketers. It gives brands a golden opportunity to connect with customers from all walks of life on a massive scale. Every moment spent scrolling, liking, and sharing is a chance for your brand to make a meaningful connection and build lasting relationships. As an engineering student, you likely have strong analytical and problem-solving skills, which are crucial in digital marketing. Whether it's analyzing data to understand consumer behavior or optimizing web pages for search engines, your technical skills can give you an edge. humanize this Your ability to analyze data and interpret trends is invaluable in social media marketing. Understanding what content works, how audiences engage, and the best times to post requires a data-driven approach. Social media marketing can sometimes throw unexpected challenges your way. Your problem-solving skills can help you navigate these challenges creatively and effectively. Despite being a technical field, engineering often involves creative problem-solving. This creativity can translate well into creating engaging and innovative social media content.

There are several roles in social media marketing where your engineering background can be a huge advantage:

- **Social Media Analyst:** Analyzing data to understand what content works best.
- **Content Strategist:** Developing strategies to engage and grow the audience.
- **Automation Specialist:** Using tools to automate social media posting and engagement.
- **Automation Specialist:** Implement and manage marketing automation tools.

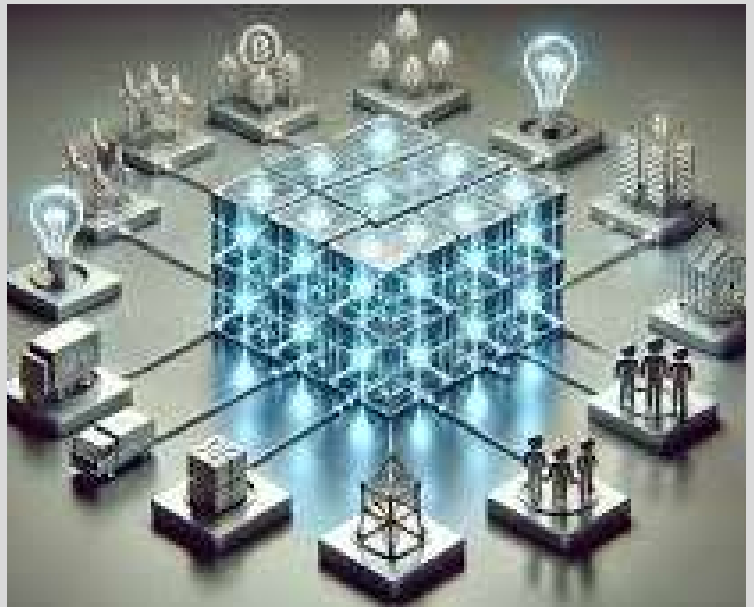
By Sneha Nalawade
SY-B.Tech
Computer Science.

Blockchain: The Technology Powering a Decentralized Future

Pratik Jagdale, MTech

Blockchain technology is transforming industries by providing a decentralized, distributed ledger that records transactions across multiple computers. This system ensures transparency and security without the need for a central authority. Each block contains transaction data, and once full, it is linked to the previous one, creating an immutable chain that is resistant to tampering.

Transactions on blockchain are verified by a network of computers using cryptography, which enhances security. The decentralized nature of blockchain eliminates intermediaries, reducing costs and increasing efficiency. Its transparency ensures that all transactions are visible, fostering trust and minimizing fraud. Once data is added to the blockchain, it cannot be altered, providing accountability and traceability.



Blockchain is widely used in cryptocurrency, supply chain management, healthcare, voting systems, and smart contracts. It offers secure, transparent solutions that are transforming these industries. However, challenges such as scalability, energy consumption, and regulatory uncertainty remain, slowing adoption.

Despite these challenges, the future of blockchain is promising. Innovations like central bank digital currencies (CBDCs) and decentralized finance (DeFi) are pushing blockchain beyond cryptocurrency. As the technology matures, solutions to its current limitations are expected, solidifying its role in the digital economy.



In conclusion, blockchain is a transformative technology that offers enhanced security, transparency, and decentralization. While challenges exist, its potential to revolutionize industries is immense, and its impact will continue to grow.

Cloud Computing: Revolutionizing the Digital Landscape

Sourav Magdum, MTech



Cloud computing has transformed how we store data, access software, and collaborate. Instead of relying on local servers, cloud computing delivers services like storage, processing power, and applications over the internet. This model offers flexibility, scalability, and accessibility, making it essential for individuals and businesses.

Cloud services are typically divided into three categories: infrastructure as a service (IaaS), platform as a service (PaaS), and software as a service (SaaS). By using the cloud, users can access resources on-demand from remote servers. This approach offers benefits like accessibility, allowing global collaboration through tools like Google Docs and Microsoft Teams; scalability, letting businesses adjust resources based on demand; and cost efficiency, reducing the need for maintaining physical infrastructure.

Cloud computing has widespread applications in various sectors. In healthcare, it enables telemedicine and secure patient record sharing. In education, platforms like Zoom and Google Classroom facilitate remote learning. Businesses use cloud services for everything from data storage to customer relationship management, while entertainment platforms like Netflix and Spotify deliver content through the cloud.

Despite its advantages, cloud computing faces challenges such as security concerns, the environmental impact of data centers, and the digital divide in areas with limited internet access. Looking ahead, cloud computing's future is promising. Technologies like edge computing and the integration of artificial intelligence (AI) are enhancing performance and innovation across industries.



In conclusion, cloud computing has reshaped the way we use technology, offering greater accessibility, scalability, and efficiency. While challenges remain, its evolving potential continues to drive digital transformation across sectors.

Professional Chapters

**PCCOE ACM
STUDENT CHAPTER**



**GOOGLE DEVELOPER
STUDENT CLUB**

**ACM-W
STUDENT CHAPTER**



**OWASP
PCCOE**

**OWASP STUDENT CHAPTER
PCCOE**

**COMPUTER SOCIETY OF
INDIA**

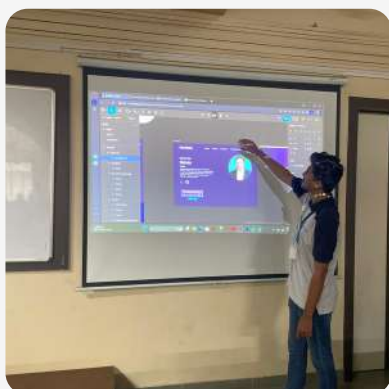


**INDIAN SOCIETY FOR TECHNICAL
EDUCATION**



ACM 2024-25

Welcome to the ACM section of our magazine! ACM is the world's largest educational and scientific computing society. Dedicated to advancing the computing profession, ACM provides resources, networking opportunities, and platforms for innovation to empower individuals at all stages of their computing journeys, from students to seasoned professionals.



TEAM CESA

CORE TEAM



Sourav Narvekar
Chair



Sahil Hirve
Co - Chair



Aditya Marke
Management Executive



Saisha Chaudhary
Secretary



Spurti Hullur
Co-Secretary



Ashish Suryawanshi
Treasurer



Himanshu Jaju
Co-Treasurer



Siddhesh Patil
Membership Chair



Sanket Shende
Membership Chair



Siddhesh More
Technical Head



Tanmay Bhure
Technical Head



Aditya Vedepathak
Technical Head



Krushna Sabade
Technical Head

TEAM CESA CORE TEAM



Mihir Pande
Technical Head



Sameer Sambhare
Webmaster



Rohit Dhamale
Webmaster



Amey Jadhav
Webmaster



Shivam Yadav
Webmaster



Sanvad Rashinkar
Webmaster



Vineet Salve
Webmaster



Pragati Ugale
Design Head



Rohit Pawar
Design Head



Sakshi Satav
Design Head



Anisha Nangare
Design Head



Vishwas Kude
Design Head



Shahid Naykawadi
PR Head



Sandesh Katkar
PR Head



Swaroop Thakare
PR Head



Akshata Mahajan
PR Head



Sagar Pariyar
PR Head



Himanshu Patel
Marketing Head



Adarsh Agrawal
Marketing Head



Om Dalvi
Marketing Head



Sayee Patil
Marketing Head



Dinesh Bhokare
Marketing Head

ACM SUMMER SCHOOL

Celebrating Excellence: Our Students Shine at ACM India Summer School 2024!



We are thrilled to announce the selection of our exceptional students for the prestigious ACM India Summer School 2024! This is a moment of immense pride for us as we congratulate all the qualifiers for this outstanding achievement. Your dedication, hard work, and unyielding passion for technology have led you to this remarkable opportunity, and we couldn't be prouder of your accomplishments.

A heartfelt congratulations to each of you for earning a place in such a transformative program. The road to this achievement is not easy, and your persistence has truly paid off.

We would also like to extend our deep gratitude to ACM India for providing this invaluable opportunity to young, aspiring minds. Your ongoing commitment to advancing knowledge and fostering innovation has paved the way for the next generation of tech leaders.

The Power of ACM India Summer School

The ACM India Summer School is more than just an academic program; it's a unique platform that offers students a chance to explore cutting-edge research and gain exposure to the latest advancements in technology. With sessions led by leading experts from both academia and industry, this summer school promises to be a transformative experience.



As our students embark on this exciting journey, we wish them the best of luck. We are confident that their experiences at the ACM India Summer School will not only expand their knowledge but also inspire them to push the boundaries of technology and research. We eagerly anticipate the fresh perspectives, insights, and innovations they will bring back to our community.

CESA INDUCTION



The “CESA Induction Ceremony for the 2023-2024 term” marked a significant milestone in the Computer Department, welcoming new committee members and fostering a sense of community among students. This year’s event was notable for the active involvement of esteemed student committees, including GDSC, OWASP, and ACM-W, which reinforced a collaborative spirit and a unified approach towards achieving shared objectives.



The CESA Induction Ceremony served as an essential platform for introducing the new committee. It allowed them to share their vision and present a comprehensive plan for the upcoming academic year. The atmosphere was vibrant and team-oriented, creating a sense of belonging among all attendees.

CESA INDUCTION



The CESA Induction Ceremony stands as a pivotal moment in the academic calendar, signaling the start of a promising year filled with creativity and teamwork. The positive energy and commitment displayed during the event set an optimistic tone for the tenure ahead, as members look forward to working together to achieve their shared goals. As we embark on this new journey, the spirit of collaboration and innovation will undoubtedly guide us toward success, fostering an environment where every member can thrive and contribute meaningfully to the Computer Department's mission.



- **Welcoming New Leaders:** The ceremony provided an opportunity for new leaders to articulate their goals and initiatives, generating excitement about the collaborative efforts ahead.
- **Seamless Transition of Responsibilities:** The event facilitated a smooth handover of responsibilities from outgoing leaders to the newly elected committee members. This continuity is vital for maintaining momentum in ongoing projects and initiatives.
- **Collaborative Participation:** The involvement of various student committees highlighted the importance of teamwork within the Computer Department. This collective effort emphasizes that collaboration can lead to greater achievements.

HACKTOBER FEST



Git Session

Mastering Version Control: An Insightful Session on Git and GitHub

On 5th August 2024, the PCCoE ACM Student Chapter hosted an insightful session on Git and GitHub, focusing on version control and effective collaboration—key for modern coding projects. Attendees gained hands-on experience managing code changes, tracking versions, and resolving conflicts in team workflows.

The session emphasized the role of Git and GitHub in ensuring project stability, maintaining clean workflows, and fostering seamless teamwork. Participants left equipped with practical skills to enhance their coding projects and collaborations, eager to apply their newfound knowledge in future endeavors.

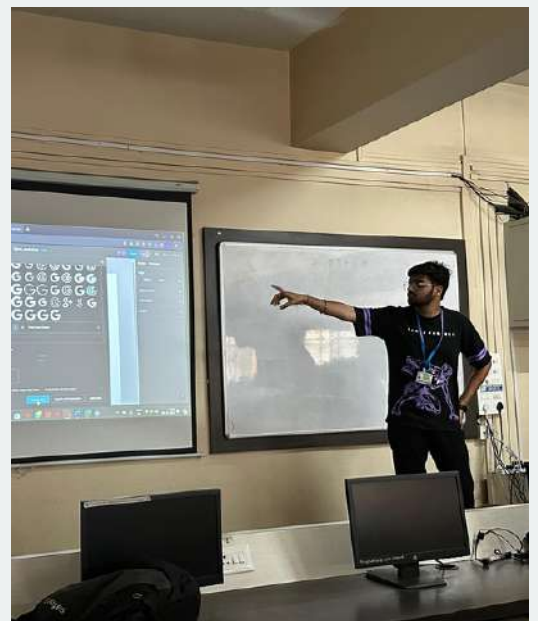
We look forward to seeing the impact of this learning on our members' upcoming projects!

Exploring Creativity with the Figma Workshop

The Figma Workshop introduced participants to the world of UI/UX design, offering hands-on experience with Figma to craft stunning user interfaces and prototypes. Attendees explored key design principles like layout, color theory, usability, and accessibility, building a strong foundation in modern design.

Facilitators shared valuable insights into industry trends and best practices, sparking creativity and innovation. Participants also worked on real-world design challenges, applying their learning to practical scenarios. Collaborative activities encouraged idea exchange, peer learning, and networking, fostering a vibrant design community.

By the end, participants left inspired, confident, and ready to make their mark in the dynamic field of digital design and development.



Figma Workshop

HACKTOBER FEST

Resume & LinkedIn Workshop: Building Careers with Confidence

The Resume & LinkedIn Profile Building Session equipped students with vital skills to enhance their professional profiles for today's competitive job market. Led by Ketan Desale, Associate Dean MIS-II and Digital Marketing Head at PCET, the session focused on crafting impactful resumes, showcasing technical skills on platforms like GitHub, and optimizing LinkedIn profiles for a strong online presence.

Participants gained insights into personal branding, highlighting unique skills and open-source contributions like Hacktoberfest. An interactive Q&A allowed students to address individual concerns, leaving them prepared to approach job applications and interviews with confidence.



LinkedIn Session



Game Development Workshop

Game Development Workshop: Unlocking Creativity in Game Design

The three-day Game Development Workshop inspired students to bring their gaming ideas to life. Designed for both beginners and seasoned coders, it covered key concepts like game engines, design principles, and mechanics.

Through hands-on sessions, participants applied their knowledge to real-world scenarios, enhancing their understanding of the development process. Collaborative brainstorming and prototyping fostered creativity and teamwork, as attendees refined and presented their game ideas.

Expert facilitators provided practical insights and personalized advice, equipping students with technical skills and confidence to navigate game creation. The workshop built a supportive community of aspiring developers, inspiring participants to explore the dynamic world of game design.

EMINENT SPEAKER PROGRAM

The PCCoE ACM Student Chapter proudly conducted a remarkable series of sessions under the prestigious ACM Eminent Speaker Program (ESP). This initiative serves as a bridge between academia and industry, bringing eminent experts to share their knowledge, inspire students, and ignite curiosity about cutting-edge advancements in the field of technology and computing. Here's a comprehensive look at the impactful sessions that shaped the minds of aspiring engineers and tech enthusiasts.

1. Technology Trends – A Perspective

The series began with an engaging session on 28th August 2024, led by Dr. R. Venkateswaran, who offered a thought-provoking discourse on Technology Trends – A Perspective. The session provided a deep dive into the latest innovations and transformations shaping the technological landscape today. From emerging fields such as artificial intelligence and machine learning to futuristic developments like quantum computing and sustainable technologies,



Dr. Venkateswaran shed light on the trends that are redefining industries and the way we live. His expertise inspired participants to embrace these advancements and prepare themselves for the future of technology.



EMINENT SPEAKER PROGRAM

2. The Role of Generative AI in Engineering

The second session, held on 29th August 2024, featured Dr. Navin Kabra, who captivated the audience with his engaging talk on the transformative role of Generative AI in the field of engineering. Highlighting its applications in design, simulation, and implementation, Dr. Kabra emphasized how generative AI is more than just a trend—it is a revolutionary tool that has the potential to redefine the engineering landscape. From creating smarter systems to fostering innovation, participants were introduced to the practical implications of AI and its growing impact on shaping modern engineering practices. The session left the audience inspired and eager to explore how AI can be a game-changer in their professional journeys.



3. Mathematical Modeling in Computer Science

On 3rd September 2024, Dr. Abhijaat Vichare delivered an insightful session on Mathematical Modeling in Computer Science. Through real-world examples and practical applications, Dr. Vichare showcased how mathematical models play a pivotal role in solving complex problems and optimizing systems. He delved into the process of creating these models, their relevance in algorithm design, and their use in predictive analysis. The session not only deepened the participants' understanding of the subject but also sparked their interest in exploring the vast potential of mathematical tools in computer science.

EMINENT SPEAKER PROGRAM

4. Overview of Blockchain Interoperability

The ESP series concluded on a high note with a session on 7th October 2024 by Krishnasuri Narayanam, an ACM India Eminent Speaker and IBM Master Inventor with 40 US patents. His talk on Blockchain Interoperability unraveled the intricate mechanisms behind seamless data sharing across blockchains, cross-chain asset swaps, and the possibilities this technology holds for the future of decentralized systems.



The session was particularly enlightening for students aspiring to explore the world of blockchain and cryptocurrency. Mr. Narayanam's extensive experience and in-depth knowledge provided a comprehensive understanding of how blockchain interoperability is revolutionizing the tech landscape.

Impact and Legacy of the ESP Series

The ACM Eminent Speaker Program has been a hallmark of the PCCoE ACM Student Chapter's initiatives, creating a dynamic platform for students to learn from and interact with global leaders in technology. Each session brought unique perspectives, actionable insights, and inspiring ideas that empowered participants to think beyond conventional boundaries.

These events were more than just lectures—they were opportunities to network, ask thought-provoking questions, and gain a firsthand understanding of how cutting-edge advancements are applied in real-world scenarios.

With the overwhelming success of this series, the PCCoE ACM Student Chapter continues to fulfill its mission of bridging the gap between education and industry, creating leaders, and fostering innovation in the ever-evolving field of computing.

CODE ARENA



The PCCoE ACM Student Chapter, in collaboration with Team SDW and CESA, hosted the exciting ACM Code Arena, an online coding competition on the HackerRank platform. The event attracted participants of all skill levels, from beginners to experienced coders, all eager to test their abilities. It wasn't just about solving problems—it was a race against time where logic, speed, and problem-solving skills were put to the ultimate test.



The competition featured a variety of challenges, from basic to advanced, ensuring an equal playing field for all participants. The user-friendly HackerRank platform provided a seamless experience, and incredible prizes added to the excitement. Winners received high-quality headphones, an ergonomic mouse, and a sleek laptop sleeve. Participants praised the diverse challenges and the intuitive platform, enjoying the opportunity to sharpen their skills while competing with peers. The event was not only a great learning experience but also fostered a sense of camaraderie and knowledge-sharing within the coding community.

The ACM Code Arena successfully brought together coders, helping them improve their technical skills while strengthening the PCCoE ACM Student Chapter's mission to promote coding culture and nurture young talent. It was a memorable event that inspired participants to continue their journey in competitive programming.

Alumni Interaction: Bridging the Past and the Future

The PCCoE ACM Student Chapter recently hosted an inspiring Alumni Interaction Session, fostering valuable connections between current students and accomplished alumni. This event created a unique platform for knowledge exchange, career guidance, and networking.



The PCCoE ACM Student Chapter extends heartfelt thanks to the alumni for their time, insights, and continued support. Their involvement strengthened the bond between past and present, creating lasting memories and learning experiences for all.

Looking ahead, the PCCoE ACM chapter is excited to continue hosting such enriching interactions, empowering students to achieve success in their tech careers.

Key Highlights

- **Inspiring Talks:** Alumni shared their professional journeys, reflecting on how their time at PCCoE shaped their careers.
- **Networking & Career Insights:** The session allowed students to connect with professionals, gaining practical advice on job interviews, essential skills.
- **Interactive Q&A:** A dynamic Q&A session gave students the opportunity to ask alumni about career prospects and the future of technology, helping bridge the gap between academia and the professional world.

CAREER GUIDANCE AND SEMINAR



Career Guidance Seminar Empowers Final-Year Students for a Bright Future

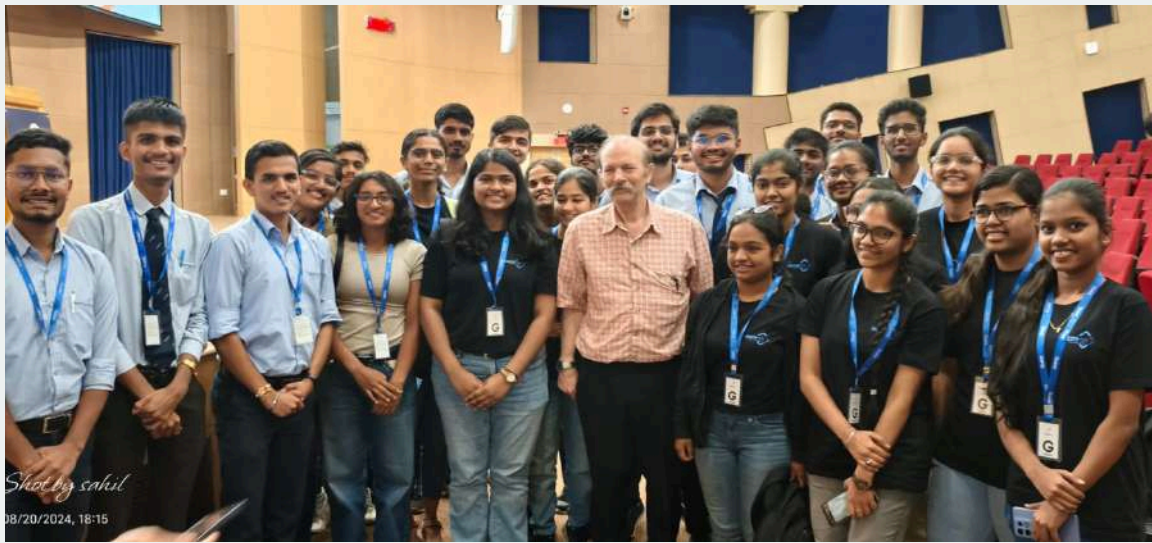
A Career Guidance Seminar was held to help final-year students prepare for their professional journeys. Dr. Govind N. Kulkarni, Director of Pimpri Chinchwad College of Engineering, shared his expertise on navigating the complexities of the job market.

Dr. Kulkarni emphasized the importance of practical skills and adaptability, exploring career opportunities in fields like technology, engineering, management, and entrepreneurship. He also encouraged students to pursue advanced degrees or certifications to boost their career prospects and open doors to leadership roles.

Beyond academics, Dr. Kulkarni shared life lessons on resilience, the growth mindset, and the value of continuous learning, stressing the importance of soft skills such as communication, teamwork, and problem-solving. He also highlighted the significance of emotional intelligence and staying adaptable in the ever-evolving job market.

The seminar concluded with an interactive Q&A session, where students sought personalized guidance. Dr. Kulkarni encouraged students to take proactive steps toward their futures. The enthusiasm and engagement of the participants demonstrated the seminar's success, with CESA committed to organizing events that empower students for future success. The event left students feeling more confident and prepared for the challenges ahead.

Educational visit to Persistent



On 20th August 2024, Persistent Systems hosted an insightful session titled “Efficiency vs. Resilience” at their premises, exclusively for Third-Year (TY) students of PCCoE. Led by Moshe Yardi, the session explored the crucial balance between optimizing systems for efficiency and ensuring their resilience.

Drawing on real-world examples like the Boeing crash and stock market crashes, Moshe illustrated how an overemphasis on efficiency can lead to catastrophic failures. He emphasized the importance of integrating efficiency and resilience through innovative algorithms, offering practical insights for creating robust, adaptive systems.

The interactive session encouraged active participation from students, fostering engaging discussions and meaningful exchanges. The enriching experience was complemented by delicious refreshments, adding a warm touch to the academic atmosphere.

This initiative by Persistent Systems not only enhanced the students' understanding of critical industry challenges but also demonstrated the company's commitment to bridging the gap between academia and the professional world.

Brain Stormers

The PCCoE ACM Student Chapter, in collaboration with Team SDW and CESA, successfully hosted Brain Stormers, an engaging General Knowledge Quiz that brought together quiz enthusiasts from across the student community. Held online, the event was designed to challenge intellect, foster learning, and promote a spirit of friendly competition, making it both an educational and enjoyable experience.



This dynamic quiz emphasized the importance of General Knowledge in today's fast-evolving world, showcasing its role in sharpening critical thinking, enhancing problem-solving skills, and fostering global awareness. Featuring a diverse range of questions on topics like current affairs, history, science, and technology, the event provided a well-rounded and thought-provoking experience. The online format ensured accessibility for a large audience, while the addition of exciting prizes motivated participants to perform their best. The real-time leaderboard added to the thrill, as students raced to answer questions accurately and climb the ranks. Participants praised the event for its seamless execution, competitive atmosphere, and interactive structure, which encouraged collaboration and the joy of learning. With an impressive turnout and overwhelmingly positive feedback, Brain Stormers reaffirmed the PCCoE ACM Student Chapter's commitment to fostering intellectual engagement and creating opportunities for growth and knowledge-sharing.

AlphaByte 1.0, a National Level Hackathon, held under Anantya 2024, organized by GDSC, PCCOE.

Round 1: Online

Dates: March 15th - March 17th, 2024

Participants: 950+

Teams: 350+

Submissions: 100+

Format: Online, 48-hour window for project development and submission.

Session Overview:

The online round kicked off with participants showcasing their coding prowess and unleashing their creativity. Over the span of 48 hours, teams dedicatedly worked on their projects, showcasing innovation and unwavering commitment throughout the development process. This intense timeframe challenged participants to push their boundaries and deliver high-quality solutions, highlighting their ability to thrive under pressure while producing impressive results.



Date: March 20th, 2024

Venue: Reading Hall, PCCOE

Qualifying Teams: 20 (13 from PCCOE, 7 from other colleges)

Online Participants: 5 teams from other states

Session Overview:

The offline round witnessed a culmination of efforts as qualifying teams gathered at the Reading Hall, PCCOE. The atmosphere buzzed with excitement as teams presented their projects, showcasing the fruits of their labor. It provided a platform for in-depth discussions and interactions, elevating the hackathon experience to new heights.

Faculty Advisors: Prof. Ganesh Deshmukh, Prof. Pankaj Devre

Event Coordinators: Vinayak Shete, Darpan Neve

Judges:

Mr. Rahul Ahire

Mr. Piyush Ninande

Mr. Dipesh Walte

Mr. Tejas Morkar



AlphaByte 1.0, a National Level Hackathon, held under Anantya 2024, organized by GDSC, PCCOE.



Prize Distribution Ceremony:

Date: March 20th, 2024

Time: 8:00 PM

Prizes:

Winner: Team OneLost

Runner-Up: Team 32 Bit Integers

2nd Runner-Up: Team ByteBenders

3rd Runner-Up: Team Dracarys

Conclusion:

AlphaByte 1.0 stands as a testament to the remarkable talent and innovation that prevails among participants. This event served as a platform for fostering collaboration, facilitating learning opportunities, and nurturing skill development. We extend our heartfelt gratitude to all contributors for their dedication and enthusiasm, which made the event truly memorable. Their collective efforts have not only created an impactful experience but have also inspired further growth and exploration within the community.



ACM-W CORE



Shrawani Pande
(President)



Tejashree Panaskar
(Secretary)



Prastuti Motghare
(Vice-President)



Sejal Rokade
(Treasurer)



Anushka Pardeshi
(Executive Management)



Vishakha Lalwani
(Co-Secretary)



Kalyani Pachbhai
(Marketing Head)

ACM-W CORE



Sakshi Raut
(Webmaster)



Manasi Sabale
(Webmaster)



Avanti Sangai
(Webmaster)



Prajakta Shinkar
(Design Head)



Trisha Vaidya
(Social Media Head)



Pooja Sadgir
(Technical Head)



Kiran Mane
(Technical Head)



Sakshi Dodke
(Technical Head)



Prerana Mhatre
(Technical Head)

ACM-W 2024-25



ACM-W (Association for Computing Machinery – Women) is a global organization dedicated to empowering women in computing. Through advocacy, mentorship, and community-building, ACM-W supports women at all career stages, from students to professionals. The organization promotes diversity, equity, and inclusion, offering a platform for women to connect, share experiences, and grow in the tech field, aiming to bridge the gender gap in technology.



Induction 2024-25

INDUCTION 2024-25



The Computer Engineering Students Association (CESA) hosted its Induction Program for the academic year 2024-25 on September 2nd at the Seminar Hall, Architecture Building. The event began with a ceremonial lamp lighting, symbolizing a bright future ahead, followed by an introduction to CESA's mission, vision, and associated clubs.



Outgoing members shared their inspiring journeys, highlighting achievements, and felicitated new members. Newly appointed club presidents presented their goals and strategies, fostering excitement for the year ahead. Esteemed guests and faculty engaged in interactive sessions, providing valuable insights. The event concluded with motivational speeches, an oath-taking ceremony, and a vote of thanks.



SY Recruitment

SY RECRUITMENT



The ACMW SY Recruitment Event is a platform designed to welcome and engage second-year students passionate about technology and innovation. This event provides an opportunity for students to join ACMW, a chapter dedicated to empowering women in computing. Attendees will learn about the club's mission, participate in interactive sessions, and discover various ways they can contribute to ACM-W's exciting initiatives. The recruitment event aims to identify enthusiastic individuals eager to develop their skills, collaborate with like-minded peers, and drive impactful projects throughout the academic year. Join us and be part of a vibrant, tech-driven community.

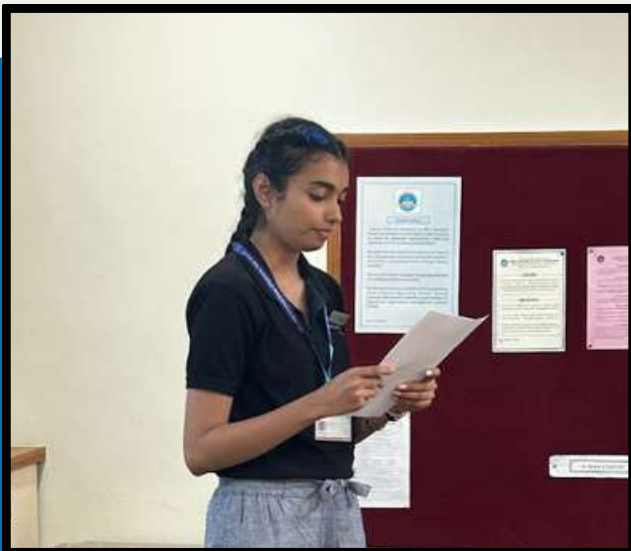


ACM W Website Launch

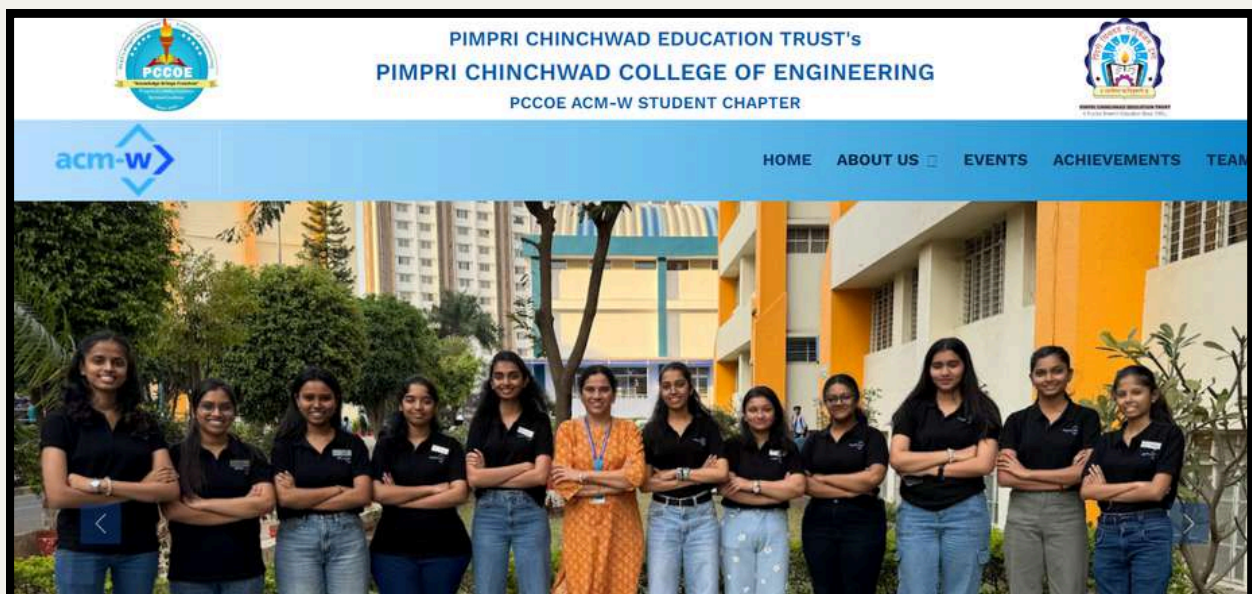
March 18th, 2024



The grand launch of the PCCOE ACM-W Student Chapter official website on March 18th, 2024, marked a momentous occasion in the endeavor to foster diversity and empowerment in the field of technology. The event was meticulously organized by the PCCOE ACM-W Student Chapter, with the gracious presence of Head of Department (HOD) Dr. K. Rajeswari and the ACMW faculty sponsor Dr. Aparna Joshi.



The stage was set for the inauguration of the website by HOD Dr. K. Rajeswari, symbolizing the official launch of this transformative platform. With reverence, she inaugurated the website, signifying the commencement of a new era in empowering women in computing.

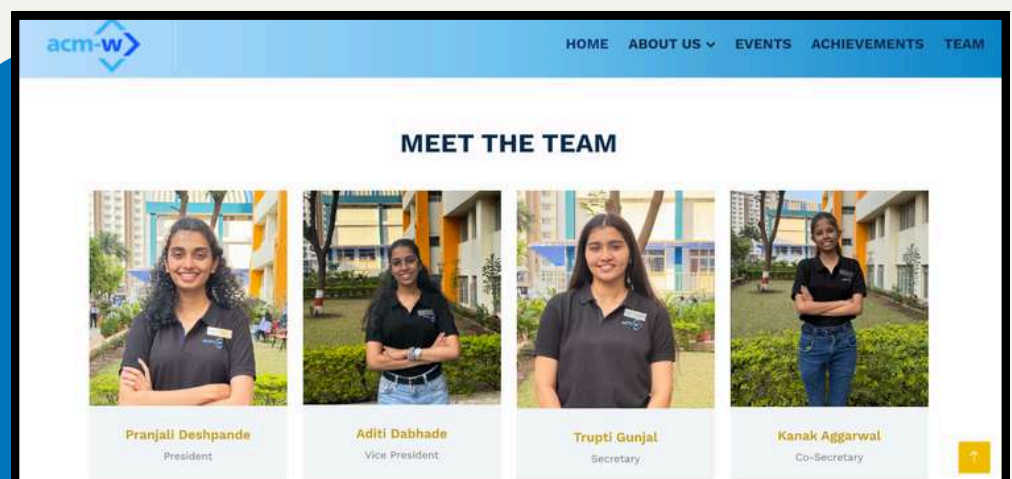
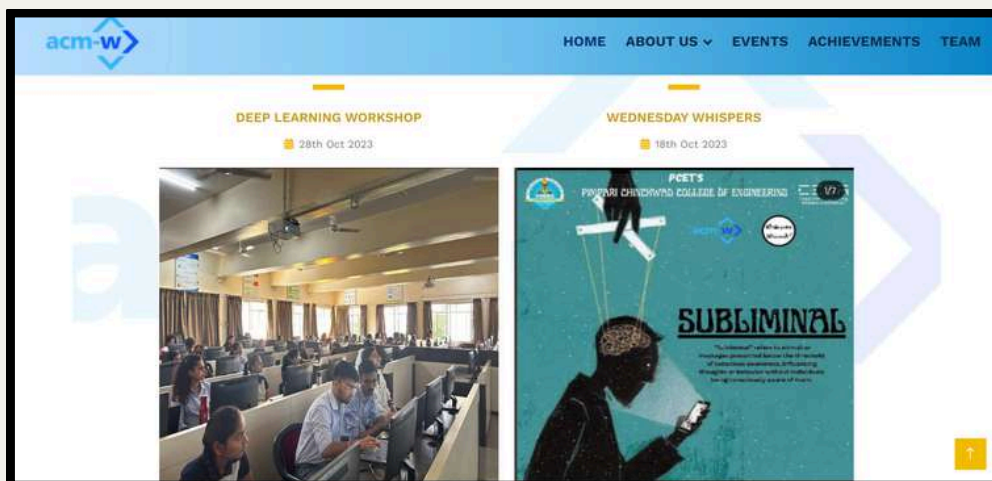


ACM W Website Launch

March 18th, 2024

Following the inauguration ceremony, a live demonstration of the website was conducted, showcasing its various features and functionalities. Attendees were given a virtual tour of the platform, highlighting its role as a comprehensive resource hub for women in computing. The intuitive design and user-friendly interface garnered appreciation from the audience, affirming the effectiveness of the website in catering to the diverse needs of its users.

The event concluded with closing remarks from the President, expressing gratitude to all participants for their support and enthusiasm. The success of the grand launch was attributed to the collective efforts of the organizing committee, website developers, and the unwavering commitment of the PCCOE ACM-W Student Chapter towards advancing gender diversity in tech.



Mind Matrix

March 19th-20th, 2024

Anantya 2024, the flagship event of Pimpri Chinchwad College of Engineering (PCCOE), showcased the innovative spirit and technical prowess of its students. One of the highlights of this year's event was the Mind Matrix, hosted by the PCCOE ACM-W Student Chapter. Mind Matrix offered a unique blend of technical challenges and fun-filled games, captivating participants and spectators alike.

Round 1: Crossword Conundrum (March 19th, 2024): The event kicked off with the Crossword Conundrum, the first round of Mind Matrix, held on March 19th, 2024. Participants were tasked with solving a series of crossword puzzles, each containing clues related to various technical concepts and terminologies. With time ticking away, contestants showcased their problem-solving skills and technical knowledge, striving to complete the puzzles within the stipulated time frame.



Round 2: Algorithm Challenge (March 19th, 2024): Following the Crossword Conundrum, participants delved into the Algorithm Challenge, the second round of Mind Matrix. In this round, held on the same day, contestants faced a series of quiz questions presenting code snippets. Their task was to identify errors within the code or select the correct option to execute the code successfully. With each question presenting a new challenge, participants demonstrated their proficiency in coding and logical reasoning, vying for a coveted spot in the final round.

Mind Matrix

March 19th-20th, 2024



Round 3: Real-Life Snake and Ladder Challenge (March 20th, 2024): The culmination of Mind Matrix took place on March 20th, 2024, with the exhilarating Real-Life Snake and Ladder Challenge. In this unique twist on the classic board game, participants engaged in a quiz format where rolling the dice was not the only factor determining their progress. To advance on the game board, participants had to answer quiz questions correctly. This round combined elements of strategy, knowledge, and luck, keeping participants on the edge of their seats until the very end.

Through three rounds of engaging challenges, participants tested their technical acumen, problem-solving abilities, and teamwork skills, all while enjoying the camaraderie of their fellow participants. As the curtains drew to a close on Mind Matrix with three team winners, participants departed with cherished memories and a renewed enthusiasm for technology and innovation.



Fun Mania

March 19th-20th, 2024

Introduction: Fun Mania, an integral part of Anantya 2K24, was organized with enthusiasm and creativity by the PCCOE ACM-W Student Chapter. It served as a dynamic centerpiece, featuring interactive challenge booths thoughtfully spread across the PCCOE campus. These booths offered a diverse range of engaging activities, from bingo to trivia to puzzles, creating an atmosphere of excitement and relaxation amidst the event's energetic ambiance. The primary goal of Fun Mania was to cultivate a sense of camaraderie and shared enjoyment among participants, complementing the competitive spirit of other events hosted as part of Anantya 2K24.



Fun Mania boasted a plethora of activities carefully curated to cater to the varied interests and preferences of participants. The challenge booths presented an array of intellectually stimulating tasks, inviting attendees to test their knowledge, problem-solving skills, and luck. Whether individuals preferred answering trivia questions, unraveling mind-bending puzzles, or trying their hand at bingo, there was something for everyone to enjoy. Participants had the freedom to explore the different booths at their own pace, discovering new challenges and engaging in friendly competition with their peers.

Poster Presentation

March 19th, 2024



As part of Anantya 2024, PCCOE's flagship event, the Poster Competition, hosted by the ACM-W Student Chapter, PCCOE, provided a platform for students to showcase their research, creativity, and communication skills. This event delved into the realm of innovation and exploration, inviting participants to present visually striking posters on a wide range of topics spanning technology, science, engineering, and beyond. With a focus on fostering academic excellence and intellectual curiosity, the Poster Presentation event added a dynamic dimension to the overall ambiance of Anantya 2024.

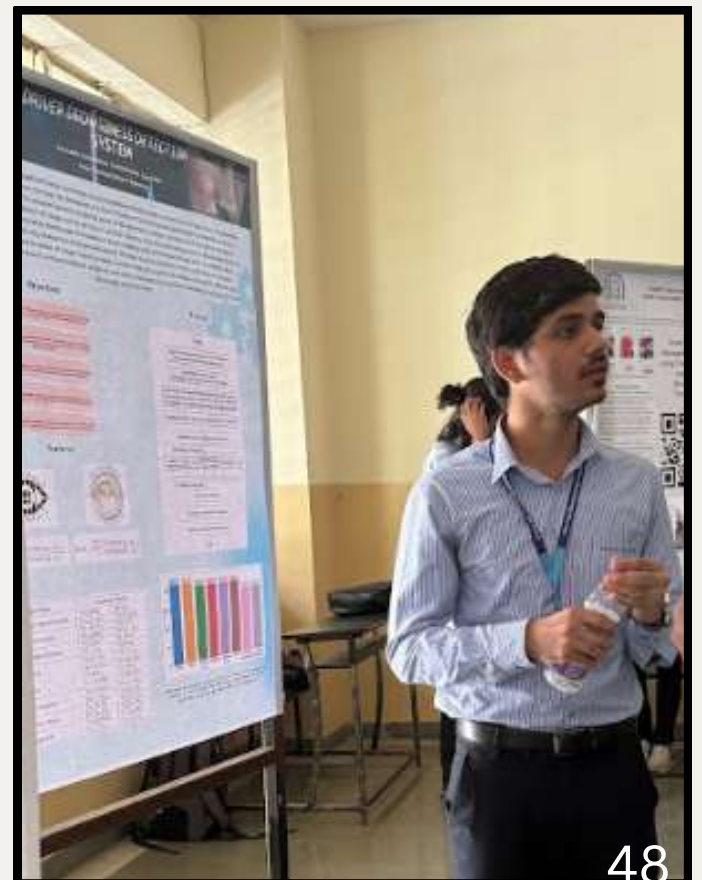
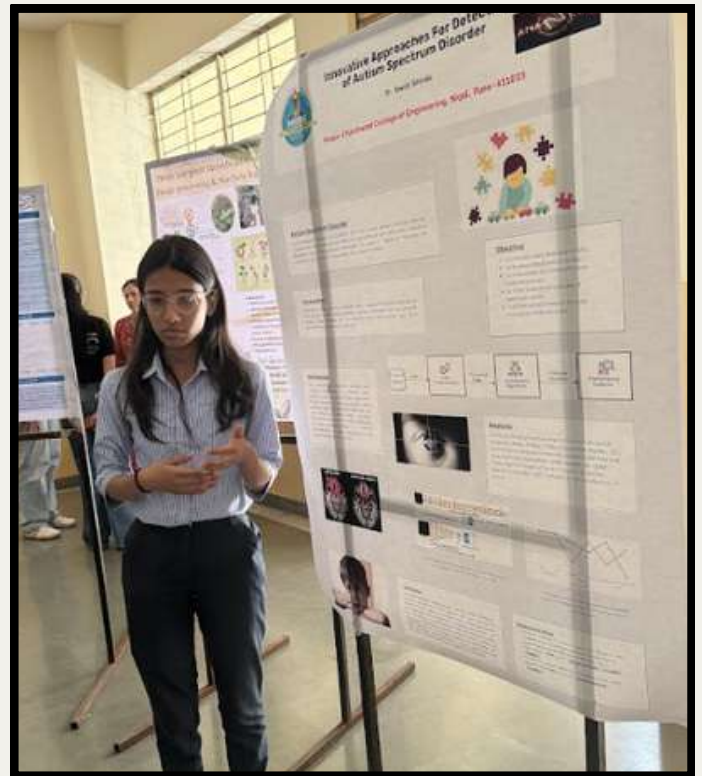
The event unfolded amidst an atmosphere of anticipation and excitement, as participants eagerly displayed their meticulously crafted posters. Each poster served as a canvas for students to convey their findings, insights, and innovative ideas, encapsulating months of research and dedication. From cutting-edge technological advancements to groundbreaking scientific discoveries, the posters covered an extensive spectrum of topics, reflecting the diverse interests and expertise of the participants.

Poster Presentation

March 19th, 2024

The event provided a platform for students to explore new avenues of knowledge and innovation, encouraging them to push the boundaries of traditional thinking. Through their posters, participants demonstrated a keen ability to synthesize complex information, communicate effectively, and present their ideas in a visually compelling manner. The posters served as catalysts for discussion and debate, sparking conversations about the latest trends and developments in various fields of study.

In conclusion, the Poster Presentation at Anantya 2024, hosted by the ACM-W Student Chapter, PCCOE, was a resounding success, showcasing the ingenuity and talent of the student community. Through visually striking posters, participants demonstrated their commitment to exploration, innovation, and academic excellence. The event provided a forum for students to share their research findings and ideas, fostering collaboration, and intellectual engagement. As a cornerstone of Anantya 2024, the Poster Presentation event exemplified PCCOE's commitment to nurturing a culture of curiosity, creativity, and discovery among its students.



Techno Blitz

TECHNO BLITZ

TECHNO-BLITZ 2024 was an exciting quiz competition for Second-Year Computer Engineering students, organized by Team CESA SDW ACM-W. With over 100 participants, it provided a platform to test technical knowledge, problem-solving skills, and quick decision-making. The event created a dynamic and competitive atmosphere.



It was a learning experience, encouraging students to apply their knowledge in a dynamic and time-sensitive environment. It fostered teamwork, analytical thinking, and confidence, all essential traits for aspiring engineers. The overwhelming enthusiasm and participation made the event a resounding success, reinforcing the importance of interactive and practical learning. Students walked away with newfound knowledge and motivation.



The competition comprised two exciting rounds:

Round 1 featured a written quiz designed to assess participants' knowledge in DSA, OOP, and Digital Electronics.



Round-2 was a dynamic rapid-fire round, where shortlisted teams faced off in a high-pressure environment, showcasing their accuracy, speed, and quick thinking.

SIGNATURE EVENT

"Her Hack Hour" refers to a community initiative or content series focused on women in tech and coding

On 30th September 2024, Team CESA SDW ACM-W Student Chapter hosted the much-awaited Her Hack Hour, an event designed to empower and inspire female students in the tech world.

Her Hack Hour

HER HACK HOUR



Exclusively for second-year (SY) and third-year (TY) female students of the Computer Department at PCCoE, this event provided a valuable learning platform where participants could sharpen their coding skills on HackerRank platform.

Focusing on fundamental programming concepts like Object-Oriented Programming (OOP) and Data Structures and Algorithms (DSA), the event kicked off with an inauguration ceremony led by the Head of the Department, setting the stage for an exciting and educational experience.



Her Hack Hour Series has become a signature initiative that encourages women to advance in their technical journey, gaining practical insights and building skills that foster both personal and academic growth. With each session, it continues to inspire female students to break barriers, boost their confidence, and thrive in the world of programming!!

Cross Code

CROSS CODE



The PCCoE ACM-W Student Chapter successfully organized CrossCode, an interactive coding event designed to challenge and enhance students' debugging and problem-solving skills.

Participants were given code snippets with intentional errors and had to debug them, correct the mistakes, and determine the correct output. The final answers were then placed within a structured CrossCode puzzle, adding an extra layer of logic and precision to the challenge.

The event was time-bound, with participants racing against the clock to solve as many snippets as possible within an hour. CrossCode encouraged logical thinking, accuracy, and coding efficiency, fostering a competitive yet collaborative environment. With 100+ students participating, the event was a resounding success, reflecting the growing technical expertise of PCCOE students and their enthusiasm for coding challenges.



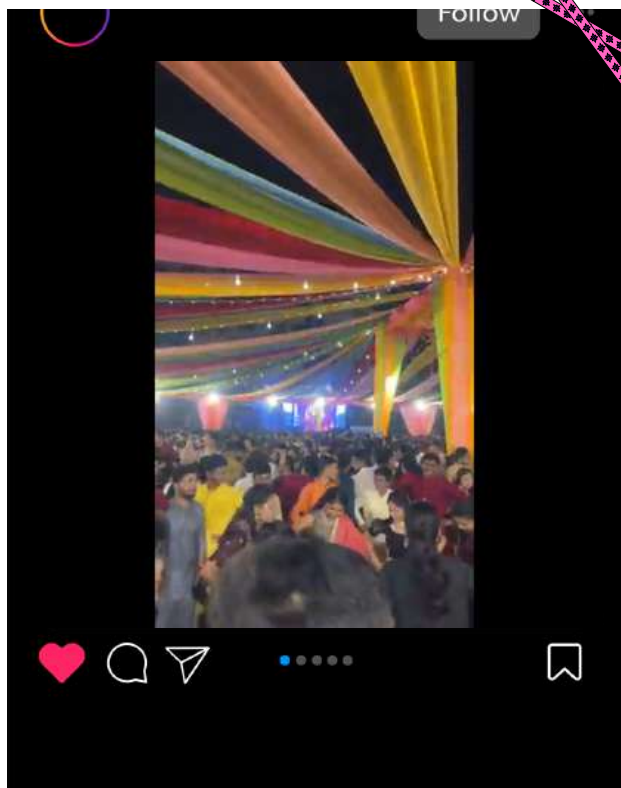
NAV QUIZ



The PCCOE ACM-W Student Chapter organized NavQuiz 2024, a nine-day online quiz competition from 3rd October 2024 to 11th October 2024 on Instagram, celebrating Navratri and women in technology. Participants engaged with daily questions on influential women in tech, highlighting their contributions to computing, innovation, and leadership. The quiz emphasized speed and accuracy, rewarding the most correct and fastest responses. NavQuiz 2024 not only encouraged curiosity and learning but also promoted awareness of women's achievements in tech. The event received enthusiastic participation, reflecting PCCOE ACM-W's dedication to inspiring future generations by honoring female tech trailblazers.

Reel'O Raas

REEL'O RAAS



REEL-O-RAAS 2024, organized by the PCCOE ACM-W Student Chapter, was an online event that creatively blended cultural heritage with modern digital expression. Held from 3rd October 2024 to 11th October 2024, participants were challenged to reimagine the traditional Raas dance through 30-60 second Instagram Reels.

Open to individuals and teams of two, the event encouraged creative re-interpretations of Raas while promoting digital engagement. The event was a vibrant celebration of tradition, creativity, and technology



PCET's
Pimpri Chinchwad College of Engineering
DEPARTMENT OF COMPUTER ENGINEERING

acm-w acm

REEL-O-RAAS

— NAVRATRI SPECIAL —

LAST DAY TO POST : 11 OCTOBER 2024

Post your reel on Instagram
Tag and follow @pccoeacmw.

UPLOAD YOUR VIDEOS ON THE GIVEN QR CODE
CHANCE TO WIN EXCITING PRIZES!!

With over 150 participants, the event offered a platform for PCCOE Students to showcase their talent and innovation, with winners receiving exciting prizes and social media recognition.

Mind Games

MIND GAMES

On 23rd October 2024, Mind Games took center stage, organized by Team CESA SDW ACM-W, offering students an exciting challenge of quick thinking, creativity, and strategy. This 3-round impromptu event pushed participants to think on their feet, with no preparation needed—just a sharp mind and competitive spirit!



The fun kicked with...

Round 1: Movie Name, where fast recall was key

Round 2: Let Your Partner Guess had teams racing against the clock, testing their communication and intuition.

The grand finale, Round 3: Find the Location, was a thrilling treasure hunt that combined logic, observation, and a dash of adventure.



Mind Games was an electrifying event that encouraged creativity, teamwork, and friendly competition. It was more than just a game—it was an opportunity to connect, challenge yourself, and create lasting memories!

Deep Learning

DEEP LEARNING



On 25th October 2024, Team CESA SDW ACM-W organized an engaging Deep Learning Session aimed at beginners, offering an introduction to the world of Artificial Intelligence (AI). Participants learned how deep learning enables machines to recognize patterns and solve complex problems through neural networks inspired by the human brain.

The session covered essential concepts like layers, nodes, and activation functions, providing a solid understanding of AI. Real-world applications in healthcare, finance, and autonomous driving were showcased, and interactive activities helped students gain practical insights, sparking interest in further exploring AI and machine learning.



Face Yoga

FACE YOGA






Wellness and FaceYoga Session

Bhupali Deore
 (Wellness Coach and corporate trainer,
 Beauty and Fitness Influencer)
 @bhupalideore

“Experience the art of slowing down and connecting with your inner self”

Open to All Students & Faculty!

 Mon, 28th Oct 2024
 10 A.M -12 P.M
 LRDC Hall, 9th Building
 @pccoeacmw

www.pccoeacmw.org.in/

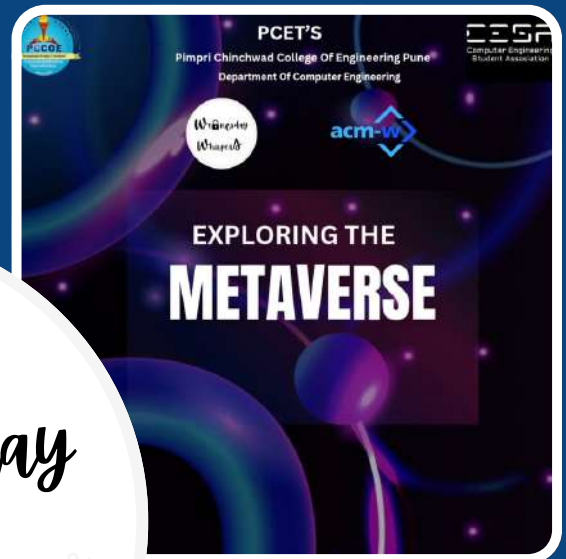
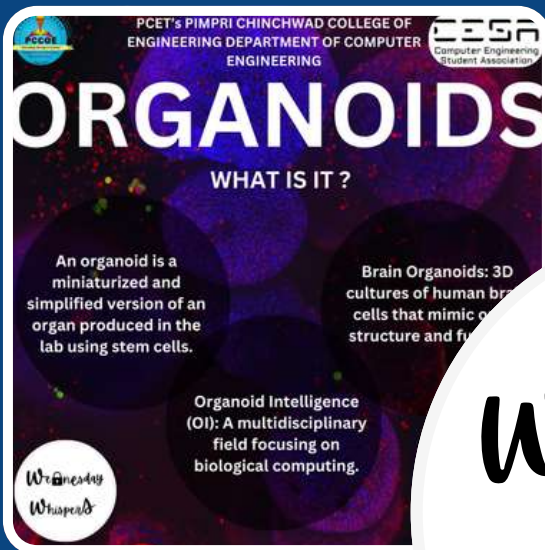


A rejuvenating 1-hour Face Yoga session was recently held to promote natural beauty and mindfulness. Organized by ACM-W, the event introduced participants to facial exercises that enhance skin health, reduce stress, and improve overall well-being.

The session featured expert-guided demonstrations and hands-on practice, focusing on relaxation, skin toning, and circulation-boosting techniques. Open to all, it left attendees feeling refreshed and inspired to embrace self-care as part of their daily routine. A truly serene and energizing experience for holistic wellness enthusiasts!



WEDNESDAY WHISPERS



Wednesday
Whispers



The ACM-W Club's "Wednesday Whispers" is an engaging initiative by the SY Team, featuring weekly Instagram posts on intriguing topics like the dark web, ancient Indian technology, VR, AR, blockchain, and biometrics. Aimed at fostering collaboration and knowledge sharing, it connects individuals with shared interests, sparking discussions, idea exchanges, and potential collaborations within the academic community. This initiative enriches participants' knowledge while building a united, dynamic tech community.



OWASP
PCCOE

2024-25 INDUCTION



TEAM OWASP



Lead
Omkar Pote



Management Director
Mrunal Chopade



Security Director
Deep Dhakate



Marketing Director
Asmita Mahamuni



Content Director
Mrudula Khedkar



Management Head
Shivam Rai



Management Head
Janhavi Pinjan



Treasurer
Nishant Bhakar



Content Head
Sumit Kumar Prasad



Content Head
Roshan Yadav



Web Head
Sumit Pisal



Member
Khush Paliwal



Member
Pruthviraj Mule



Member
Pranjal Lipne



Member
Shivaneer Surajiwale



Member
Kartik Thakur



Member
Aabha Chaudhari



Marketing Head
Vishwanath Uttarwar



Marketing Head
Zeeshan Siddique



Security Head
Nikhil Pattewar



Security Head
Aaryan Bhujang



Member
Parth Kalpande



Member
Vaishnavi Bight



Member
Rudraksh Charhate



Member
Gargi Gogulwar



Member
Kanchan Shendage



CTF Head
Prathamesh Mulay



Member
Omkar Kumbhar



Member
Riya Deshmukh



Member
Siddhika Aglave



SHERLOCK 2.0

20/03/2024

ANANTYA 2k24's - SHERLOCK 2.0, a cyber-thriller event in collaboration with OWASP PCCOE Student Chapter, PCCOE ACM, PCCOE ACM-W, and PCCOE GDSC. Across three intense rounds, participants embarked on a mission to outsmart a cunning hacker who had breached the campus's digital defenses.

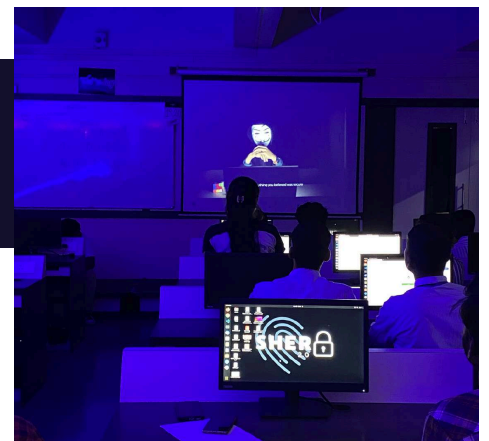


Round 1, "You Can't Catch Me," tested teams' agility as they decoded the cryptic video and swiftly tackled a quiz based on its contents. From the initial pool, only the top 32 teams advanced to the surprise round, where they faced unforeseen challenges. Finally, in Round 3, "Hunt Me," teams scoured the campus, piecing together clues to locate the elusive hacker.



Got you surrounded!
Así que rómpelo

The event kicked off with a captivating storyline: systems across the campus fell prey to a hacker's control, displaying an anonymous video message. Dubbed SHERLOCK, the campaign enlisted participants to aid in the hunt for the hacker, reminiscent of a modern-day Sherlock Holmes tale.



In a digital age where technology reigns supreme, the boundaries between virtual and real worlds blur, presenting challenges and opportunities in equal measure. Pimpri Chinchwad College of Engineering recently found itself at the center of a gripping digital thriller as systems across the campus fell prey to a mysterious hacker's control.



With integrity and fair play at the forefront, SHERLOCK 2.0 emphasized the importance of ethical conduct in the digital realm. As the competition concluded, it left participants inspired and eager to explore the limitless possibilities of technology. SHERLOCK 2.0 wasn't just a competition; it was an immersive journey that showcased the power of collaboration, critical thinking, and innovation in solving modern-day challenges.

United in purpose, Team OWASP spearheads the defense of PCCOE's digital domain. Their steadfast dedication ensures justice prevails in the face of cyber threats.

BYTE ME

"Come take a TASTE of Cyber Space"

19/03/2024



"Byte Me" presents an immersive fusion of challenges that intricately test individuals' skills across a diverse array of domains. From probing into general technical aptitude to unraveling cryptic ciphers, each challenge draws inspiration from pivotal moments in the storyline of the renowned movie "Interstellar," inviting participants to embark on a captivating journey through the expansive universe of computer science.



At its core, "Byte Me" serves as a platform for participants to delve into the depths of their technical prowess, offering a multifaceted experience that pushes the boundaries of their knowledge and ingenuity.

In "Byte Me," participants dive into a cinematic adventure inspired by "Interstellar," where challenges reflect key events from the movie, bridging imagination and reality. Each task, from decoding cryptic messages to mastering algorithms, offers a glimpse into the complexities of computer science. Through an OSInt Round focusing on core subjects and cybersecurity domains, teams showcase their technical prowess. In the final challenge, the top 20 teams confront diverse tasks, emphasizing collaboration and critical thinking.



"Byte Me" transcends traditional challenges, offering a unique intersection of storytelling and technology. It ignites participants' passion for exploration within the ever-evolving landscape of computer science.

CYBER KAVACH

OCTOBER'24



In celebration of **National Cyber Security Awareness Month (NCSAM)**, the **OWASP Student Chapter at PCCOE** organized **CyberKavach**, a month-long cybersecurity initiative from **October 8th to October 25th, 2024**. The theme, "*Asuras in cyberspace were never defeated*," symbolized the ongoing challenges in digital security and the importance of vigilance against cyber threats.

CyberKavach featured a variety of technical and non-technical events, engaging over 1500+ participants from colleges across Pune. Key events included Adrishyam, an immersive escape room experience inspired by mythology, the Mrigaya tech event, and Quest-Con, a Capture the Flag (CTF) competition that allowed participants to tackle real-world cybersecurity challenges.

With a focus on raising cybersecurity awareness, the OWASP Student Chapter has also held sessions across colleges and schools, extending its outreach and impact. The success of CyberKavach was made possible through the support and guidance of Faculty Coordinator Shailesh Galande and Head of Department Dr.Sonali Patil.

Philosophical Underpinnings :

The event's theme, "Asuras in cyberspace were never defeated," powerfully encapsulated the ongoing, dynamic nature of cybersecurity. It reminded participants that digital protection is not a one-time achievement but a continuous, evolving battle requiring constant vigilance, skill, and adaptability. By intertwining mythological metaphors with cutting-edge technological challenges, CyberKavach transcended traditional awareness programs, creating an immersive learning experience that resonated deeply with young cybersecurity enthusiasts.



INAUGURATION

8th Oct 2024



Visual Storytelling

- A massive 40-foot banner adorned the Computer Department building, symbolically representing the digital battleground against cyber threats
- Strategic placement of informative standees and flyers to maintain ongoing student engagement
- The banner's theme, "Asuras in cyberspace were never defeated," metaphorically positioned students as digital warriors protecting technological landscapes

Ceremonial Moments

The Head of Department's ribbon-cutting ceremony transformed the event from a mere awareness program to an official institutional commitment to cybersecurity education. This symbolic gesture signaled the department's proactive approach to digital security training.

CyberKavach 2024: A Spectacular Cybersecurity Awareness Launch

The OWASP Student Chapter at PCCOE transformed the traditional cybersecurity awareness event into an electrifying experience that captivated the imagination of students and faculty alike. On October 8th, 2024, the chapter unveiled CyberKavach with a powerful and innovative inauguration that went far beyond conventional awareness programs.

Event Highlights

The launch was a multi-sensory spectacle designed to engage and inspire over 150 participants:





Impact

By blending theatrical elements with serious educational objectives, CyberKavach's launch transcended traditional awareness methods. The event didn't just inform—it inspired students to view cybersecurity as a heroic, ongoing mission of digital protection.



Performance Element

The flash mob was the event's centerpiece, dramatically illustrating the dynamic and unpredictable nature of cybersecurity challenges. Through choreographed movements, participants symbolically represented the constant battle against digital threats, making abstract cybersecurity concepts tangibly exciting for the audience. Strategic

CYBERSAFE CHECKPOINT

9th Oct 2024



CyberSafe Checkpoint: Fortifying Digital Defenses at PCCOE

On October 9th, 2024, the OWASP Student Chapter at PCCOE conducted the CyberSafe Checkpoint event as part of the CYBERKAVACH initiative, addressing the critical need for digital security in an era dominated by smartphones and personal electronic devices.

Event Overview

The event brought together over 120 participants to explore comprehensive device security, focusing on practical, hands-on vulnerability assessment and prevention strategies. By transforming cybersecurity education into an interactive experience, CyberSafe Checkpoint empowered students to become proactive defenders of their digital ecosystems.

Vulnerability Assessment Domains

- The technical team meticulously examined student devices across multiple critical security dimensions:
 - Open Ports: Identifying potential network entry points for unauthorized access
 - Rooted Phone Detection: Checking for compromised device integrity
 - Software and Firmware Analysis: Identifying outdated system components
 - Malware and Spyware Screening: Detecting hidden digital threats
 - Debugging and Developer Settings Audit: Revealing potential security misconfigurations
 - Data Breach Vulnerability Evaluation: Assessing potential information exposure risks



Strategic Impact

By providing direct, practical guidance, the event transformed abstract cybersecurity concepts into tangible skills. Students learned not just about potential threats, but gained actionable knowledge to actively protect their digital identities and devices.

The CyberSafe Checkpoint exemplified PCCOE's commitment to creating digitally resilient students who understand that cybersecurity is not just a technical challenge, but a critical life skill in our interconnected world.

Career Opportunities

- The demand for cybersecurity professionals continues to grow exponentially. Students equipped with comprehensive cybersecurity knowledge gain competitive advantages in the job market
- Transferable skills across multiple technological domains
- Potential for high-impact careers in national and corporate security

Long-Term Vision

By integrating cybersecurity education, institutions are not just protecting devices, but cultivating a generation of digitally intelligent citizens who can navigate, protect, and innovate in an increasingly complex technological landscape.

FACULTY SESSION

14th Oct 2024



Cybersecurity Awareness Session: Empowering PCCOE Faculty

On October 14th, 2024, the OWASP Student Chapter at PCCOE, in strategic partnership with Google Developer Groups (GDGC), conducted a comprehensive Cybersecurity Awareness Session designed to elevate faculty understanding of the complex digital threat landscape.

Session Focus Areas

The session delved into four critical cybersecurity domains, providing faculty with deep insights into modern digital vulnerabilities:

1. Reconnaissance Techniques

- Drawing from cybersecurity research, the session explored reconnaissance as a preliminary attack phase. Key insights included: Understanding both passive and active reconnaissance methods

- Techniques for information gathering without direct system interaction
- Tools like Nmap and Metasploit used in systematic network exploration

2. Attack Surface Management

- Faculty learned about: Identifying potential system entry points
- Strategies for minimizing network vulnerabilities
- Comprehensive approaches to digital asset protection

3. Social Engineering

- The session highlighted: Human-centric cyber threat mechanisms
- Psychological manipulation techniques
- Strategies to recognize and prevent social engineering attacks



MOCK GRE

16th Oct 2024

Mock GRE Exam: Empowering Academic Excellence at PCCOE

On October 16th, 2024, the OWASP Student Chapter transformed test preparation into a strategic learning experience by hosting a comprehensive Mock GRE Exam as part of the CyberKavach '24 initiative. This meticulously designed event went beyond traditional practice tests, offering students a holistic approach to academic skill enhancement.

Event Dynamics

The mock exam attracted over 150 participants, providing a simulated GRE environment that closely mirrored the actual test conditions. Participants engaged with authentic test questions, experiencing the adaptive testing format that characterizes the real GRE examination.



Strategic Learning Approach

Key highlights of the event included:

Real-time Performance Feedback: Immediate insights into individual strengths and potential improvement areas
Expert Guidance: An esteemed speaker shared critical strategies for navigating challenging test questions

By integrating practical test preparation with motivational guidance, the OWASP Student Chapter demonstrated its commitment to holistic student development, transforming a standard mock exam into a powerful learning experience that extends beyond mere test preparation. The event exemplified the chapter's innovative approach to supporting student academic and professional growth, seamlessly blending technical expertise with educational support.



ADRISHYAM

18th Oct 2024



Adrishyam: A Mythological Escape Room Experience

The OWASP Student Chapter's Adrishyam event transformed traditional learning into an electrifying mythological adventure, ingeniously blending cultural heritage with interactive problem-solving on October 18th, 2024.

Event Concept

Designed as an immersive "Escape the Room" experience, Adrishyam invited 108 participants (36 teams of 3 members) to journey through a meticulously crafted mythological landscape inspired by the Kalki avatar. The event transcended conventional educational approaches, creating a dynamic intellectual playground where ancient mythology met modern challenge-based learning.

Mythological Exploration

- The event's core brilliance lay in its ability to transform complex mythological narratives into engaging, interactive puzzles. Participants navigated through challenges that required: Deep understanding of Kalki mythology
- Advanced critical thinking skills
- Creative interpretation of symbolic references

Strategic Learning Objectives

- By embedding sophisticated puzzles within the Kalki narrative, the event achieved multiple educational goals: Enhancing cultural literacy
- Developing team collaboration skills
- Creating an engaging learning environment



The Adrishyam event delivered an immersive "Escape the Room" experience, themed around Kalki and Indian mythology. This non-technical session invited participants to engage with clues and puzzles inspired by ancient mythological stories and symbols, testing their knowledge and problem-solving skills in a collaborative, timed environment.

The event was structured to emphasize the critical thinking, teamwork, and analytical abilities of the students while enhancing their understanding of the Kalki avatar and other mythological elements. This activity showcased the richness of Indian heritage in a modern event format, combining learning with intellectual exploration.

This hands-on event featured various activities including clue-solving, mythology reference recognition, and room navigation, allowing students to deepen their cultural insights while showcasing their problem-solving prowess. Attendees gained certificates for their participation in this intellectually enriching experience.

The Adrishyam event exemplified the OWASP Student Chapter's innovative approach to education, proving that learning can be simultaneously profound, entertaining, and culturally enriching.



MRIGAYA

21st Oct 2024

Digital Mythological Quest: A Cybersecurity Learning Odyssey

On October 21st, 2024, the OWASP Student Chapter at PCCOE orchestrated an extraordinary OSINT Challenge that transformed cybersecurity learning into an immersive mythological adventure. With 26 teams of three members, the event transcended traditional technical training, weaving complex digital skills into a narrative-driven experience.

Innovative Learning Approach

The challenge unfolded as a multi-round digital quest where participants became cyber-investigators navigating intricate technological landscapes. In the first round, students leveraged Linux terminal commands to explore hidden directories, uncovering cryptic clues strategically placed by digital "Asuras". This phase not only tested command-line proficiency but also cultivated systematic problem-solving skills.



The final round epitomized the event's innovative design, challenging participants to employ Open Source Intelligence (OSINT) techniques.





Complexity and Cognitive Development

As participants progressed, the challenge escalated in complexity, integrating advanced mathematical concepts with cryptographic decryption techniques. Mathematical puzzles involving integration, differentiation, and limits became elegant decryption mechanisms, compelling students to view computational challenges as intricate intellectual puzzles. The final round elevated the experience further, employing Open Source Intelligence (OSINT) techniques that demanded nuanced critical thinking, pattern recognition, and strategic analysis.

Holistic Skill Development

Beyond technical proficiency, the event cultivated a holistic set of competencies. Participants developed advanced terminal navigation skills, cryptographic analysis capabilities, image forensics expertise, and sophisticated investigative methodologies. The narrative-driven approach transformed learning from a passive experience to an active, engaging exploration that inspired creativity.

Strategic Educational Vision

The OSINT Challenge represented more than a technical exercise; it was a comprehensive learning intervention that reimaged technological education. By embedding complex skills within a compelling mythological framework, the OWASP Student Chapter created an innovative platform that prepared students not just as future cybersecurity professionals, but as adaptive, creative technological thinkers capable of navigating increasingly complex digital landscapes. This extraordinary event exemplified the potential of innovative educational approaches, demonstrating how technology, storytelling, and learning can converge to create transformative educational experiences that inspire, challenge, and empower the next generation of digital defenders.

QUEST CON'24

22nd Oct 2024

Quest-Con: A Digital Cybersecurity Battleground

On October 22nd, 2024, the OWASP Student Chapter orchestrated Quest-Con, a groundbreaking online Capture The Flag (CTF) competition that transformed cybersecurity skill assessment into an electrifying digital challenge.

Event Metrics

- The competition demonstrated remarkable engagement: Total Registrations: 1,188 users
- Participating Teams: 701
- Network Footprint: 3,275 unique IP addresses
- Competition Complexity: 24 diverse challenges
- Total Possible Points: 2,665

Challenge Landscape

- The CTF competition featured a nuanced challenge ecosystem: Most Accessible Challenge: "Get Started" (391 solves)
- Most Challenging Challenge: "whoIAM" (23 solves)

Pimpri Chinchwad Education Trust's
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING
Department of Computer Engineering

OWASP PCCOE

CEEA Computer Engineering Student Association

DYP

"ASURAS" IN CYBERSPACE WERE "NEVER DEFEATED"

CYBER KAVACH

BRINGS FORTH

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UNLEASH YOUR INNER CYBER HERO! THE QUEST BEGINS!

Global CTF Competition

Experience domains like Web Exploitation, Reverse Engineering and much more...

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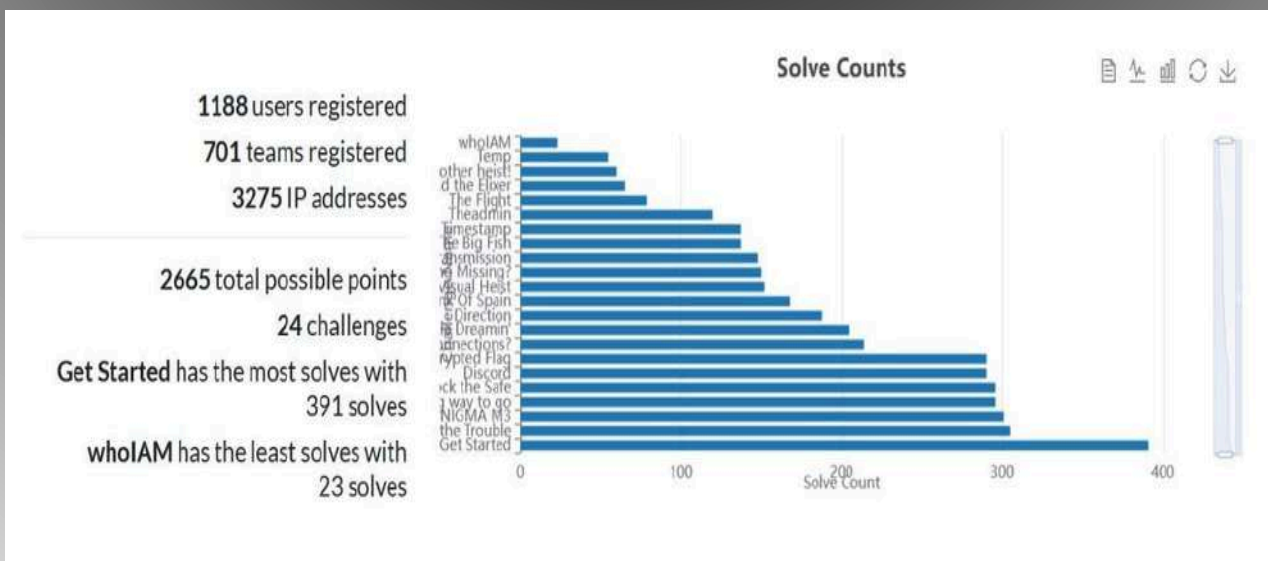
22ND OCTOBER

ONLINE

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XSPLOIT 3.0

24th sept 2024



The OWASP Student Chapter conducted its second XSPLOIT session for the 2024-2025 academic year, organized by the Department of Computer Engineering. Over 30 attendees participated in the session, which focused on two key aspects of cybersecurity: Social Engineering and Password Cracking Techniques. The goal was to equip students with practical knowledge and skills to defend against these prevalent cyber threats in an increasingly connected world.

The first segment of the session concentrated on Social Engineering, a method used by attackers to manipulate individuals into disclosing sensitive information or granting unauthorized access to secure systems. Students were introduced to various tactics, including phishing, pretexting, and baiting, which rely on exploiting human psychology rather than technical vulnerabilities. The session emphasized the importance of awareness and vigilance, teaching students how to recognize these tactics and apply protective measures such as verifying requests and practicing skepticism when sharing personal information.

The second part of the session covered Password Cracking Techniques, a critical issue in cybersecurity. Students learned how attackers use methods such as brute force attacks, dictionary attacks, and rainbow tables to break into accounts by exploiting weak passwords. The session highlighted the dangers of using common or easy-to-guess passwords and underscored the importance of creating strong, unique passwords. Additionally, students were introduced to security measures like multi-factor authentication (MFA) and password hashing, both of which significantly enhance protection against password-related breaches.



Through interactive discussions, hands-on exercises, and real-world examples, attendees deepened their understanding of cyber threats. Practical scenarios equipped students to identify vulnerabilities and implement defense strategies. The session fostered critical thinking as students analyzed attack methods and collaborated on solutions. Using actual cybersecurity tools provided a solid foundation to apply theoretical knowledge in future projects and professional roles.

At the conclusion of the session, each participant received a certificate of participation, recognizing their commitment to enhancing their cybersecurity skills. The session provided practical tools and hands-on experience, enabling students to address threats like Social Engineering and Password Cracking through real-world exercises. These certificates symbolized their readiness to tackle evolving cybersecurity challenges while emphasizing the importance of continuous learning and vigilance in today's rapidly advancing digital landscape.

PCCOE
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PCCOE
25
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PCET'S
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, PUNE
DEPARTMENT OF COMPUTER ENGINEERING

CESSA

OWASP
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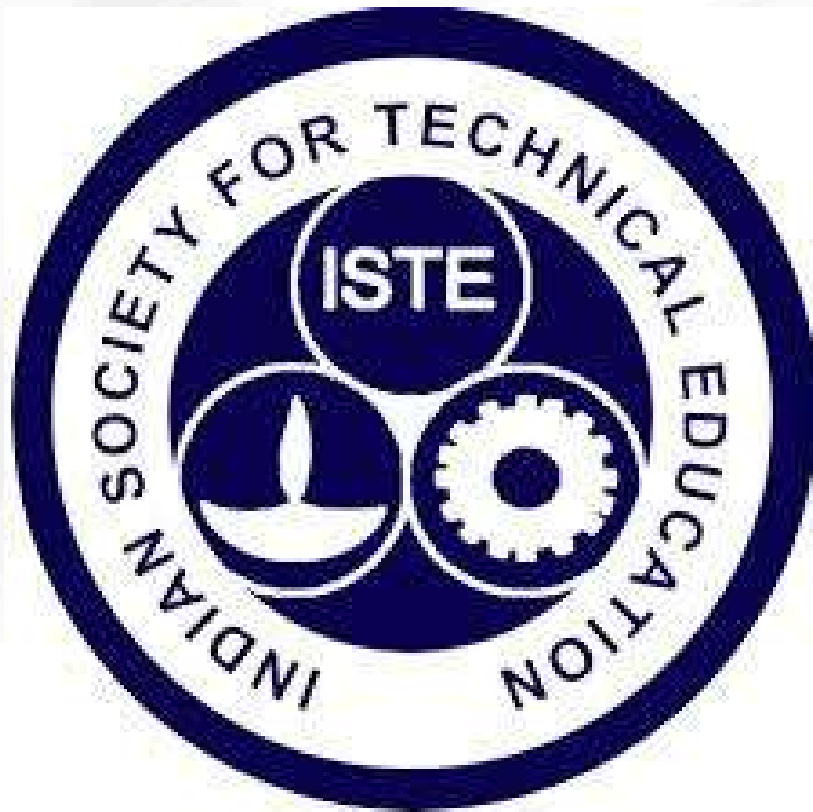
XSPLOIT 3.0
SHOWDOWN: HACKERS VS. HEROES

Lab 6208, 6209

24TH SEPT | 3.10 PM

Certificates will be provided

Register here!



GLIMPSES of ISTE



2024



ISTE CORE TEAM

Here the team is!

PRESIDENT



Pranav Patil

VICE-PRESIDENT



Siddhesh Patil

SECRETARY



Sayee Patil

TREASURER



Amar Pawar

JOINT SECRETARY



Saloni Meshram

JOINT SECRETARY



Arpit Ukey

HEAD CO-ORDINATOR



Sumedh Pimpalkar

HEAD CO-ORDINATOR



Atharva Bhange

DEPT-HEAD CS



Prastuti Motghare

DEPT-HEAD IT



Sampada Sawant

DEPT-HEAD ENTC



Sameer Bhokare

DEPT-HEAD CIVIL



Janvi Thakare

DEPT-HEAD MECH



Ayog Kewate

DEPT-HEAD AIML



Pankaj More

DESIGN & CONTENT HEADS



Shreeja Wakchaure



Rutuja Chavan

EVENT MANAGEMENT HEAD



Shreyas Patil

SPONSORSHIP HEAD



Yash Mulay

MARKETING HEAD



Prithviraj Rathod

WEB & CODING HEAD



Prasad Mahankal

SOCIAL MEDIA HEADS

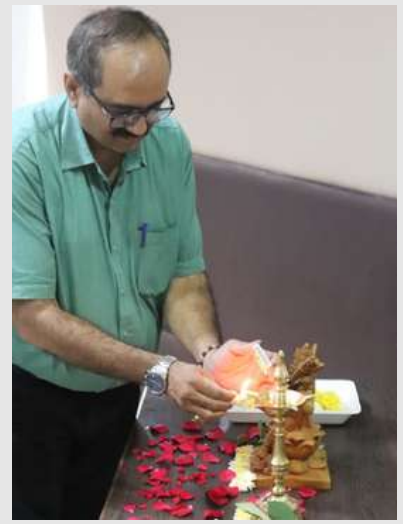


Hrishikesh Raykar



Pranav Nanaware

Induction



DATE: 15TH OCTOBER 2024

The ISTE Club of PCCOE recently held its highly anticipated induction event, marking a significant milestone for the club and its new members. The event commenced with inspiring speeches from esteemed chief guests, Dr. Rahul Patil and Dr. G. Sambhare, both prominent figures in education and technology. They highlighted the importance of staying abreast of technological advancements and emphasized how student-led organizations like ISTE nurture future engineers and leaders. Their words motivated the inductees to embrace opportunities for growth and utilize the club's resources to complement their academic learning. Following this, ISTE Coordinator Mr. Pankaj Devere welcomed the new members and outlined the strategic vision for the year ahead. He encouraged active participation in the club's initiatives, emphasizing ISTE's commitment to creating a collaborative environment for personal and technical development.

One of the most memorable moments of the event was the badge distribution ceremony, where 250 second- and third-year students officially became part of the ISTE family. The event also included a retrospective presentation showcasing ISTE's diverse range of past activities, such as technical quizzes, workshops, coding competitions, industry visits, and guest lectures. These initiatives underscored the club's dedication to providing meaningful learning experiences and keeping its members at the forefront of technological progress.

Adding to the excitement, the announcement of "UI Wars," an upcoming web development competition, created a buzz among attendees. This event promises to challenge members' creativity and technical expertise while fostering a spirit of collaboration and innovation. The induction event not only celebrated the club's achievements but also set the stage for an ambitious year ahead. It reaffirmed ISTE's commitment to fostering continuous learning, technical growth, and leadership among its members. With impactful events and opportunities on the horizon, the ISTE Club is poised to empower its members to achieve greater heights in their academic and professional journeys.



Face Yoga



**DATE: 28TH OCTOBER
2024**

ISTE and ACM-W Host “Face Yoga” Wellness Event at PCCOE

On October 28, 2024, the ISTE and ACM-W chapters of PCCOE collaboratively organized “Face Yoga,” an enriching wellness event led by facilitator Bhupali Deore. The session aimed to promote mindfulness, self-care, and holistic well-being through facial exercises & attracting active participation from students and faculty alike wonderfully.

The event began with a warm introduction by ISTE and ACM-W representatives as well emphasizing their shared commitment to student wellness and development. Bhupali Deore was enthusiastically welcomed and provided an insightful overview of face yoga, a natural technique combining facial exercises with mindfulness. She highlighted benefits such as improved muscle strength, skin elasticity, blood circulation, and stress reduction, setting a strong theoretical foundation for the most interactive session. The practical segment, the highlight of the event, guided participants through warmup exercises, targeted facial techniques, and relaxation practices.



Bhupali’s approachable style made the session lively, with participants enthusiastically engaging and asking insightful questions.

Faculty members Pankaj Devre and Aparna Joshi addressed the attendees, emphasizing the importance of integrating self-care routines like face yoga into daily life, inspiring participants with their words of encouragement.

The event concluded with a feedback session where participants shared their gratitude, feeling relaxed and rejuvenated. Bhupali encouraged consistency in practicing face yoga to achieve lasting benefits, leaving everyone motivated.

This collaborative effort between ISTE and ACM-W demonstrated a commitment to creating a balancing and nurturing environment for students. The “Face Yoga” event not only promoted wellness but also served as an inspiring example of holistic development within the academic community.



UI WARS

The UI Hackathon, organized on October 21, 2024, by PCCoE under the ISTE Student Chapter, was a vibrant event designed to promote creativity, problem-solving, and interdisciplinary collaboration among students. Targeting FY, SY, and TY students from all B.Tech branches, the event aimed to enhance technical and design skills while fostering teamwork and innovation.

The hackathon consisted of two rounds:

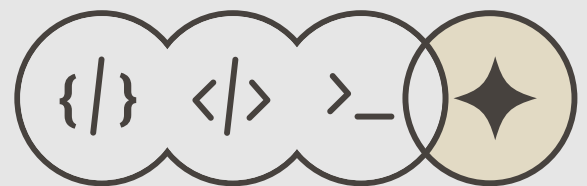
- 1.Round 1 – Online Submission: Participants submitted web design concepts online, showcasing their creativity, originality, and adherence to design principles.
- 2.Round 2 – Offline Hackathon: Shortlisted participants engaged in a two-hour live coding session on October 21, where they developed websites based on problem statements provided on the spot. This round tested their real-time coding abilities & problem-solving under pressure.

A key highlight of the event was its emphasis on interdisciplinary collaboration, bringing together students from various engineering branches. This mirrored real-world scenarios where cross-functional teams solve complex problems, promoting collective growth, shared learning, and innovative thinking.



The poster for the UI Wars Hackathon features a central figure with a red, glitched head, surrounded by a circular interface with various icons and logos. The text on the poster includes:

- PCET's PIMPRI CHINCHWAD COLLEGE OF ENGINEERING**
- ISTE SOCIETY FOR TECHNICAL EDUCATION**
- WARS JUST HTML AND CSS !!**
- Prize pool Of Rs 6000/-**
- Individual Participation**
- Website on any clubs of PCCoE**
- Registration Deadline- 20/10/2024**
- Prasad Mahankal 7021522889**
- Sumedh Pimplikar 9922391450**



The hackathon provided a valuable learning experience, enhancing participants' web design and development skills, creativity, teamwork, time management, and critical thinking. It bridged the gap between theory and practice, preparing students for real-world challenges.

Coordinated by Mr. Pankaj B. Devre and Dr. G. B. Sambare, the well-organized event ensured smooth execution and high participation. Budget approval on October 4, 2024, laid the foundation for its success.

The UI Hackathon went beyond competition, serving as a platform for creativity, technical skill enhancement, and interdisciplinary collaboration. Reflecting PCCoE's dedication to holistic education and innovation, it empowered students to confidently address industry challenges.

CODE IN THE DARK

Pimpri Chinchwad College of Engineering, Pune
Department of Computer Engineering

CEGA
Computer Engineering
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In Association with

acm GDSC PCCOE acm-w IOWASP PCCOE

The Indian Society for Technical Education (ISTE) chapter at Pimpri Chinchwad College of Engineering (PCCoE) hosted the captivating "CODE IN THE DARK" competition during Anantya 2024. This one-of-a-kind event brought together talented students from various engineering branches, providing them with a platform to showcase their programming prowess through two uniquely designed and challenging rounds.

Round 1: Coding in Bhailang

The first round introduced participants to "Bhailang," a lighthearted and unconventional programming language known for its humorous syntax. The round challenged students to think critically and creatively as they solved tasks using this unique language. Adapting to Bhailang's quirky structure tested their ability to quickly grasp new concepts, encouraging participants to step out of their comfort zones. Tasks ranged from basic to complex coding problems, requiring logical reasoning and an innovative approach to deliver functional solutions within a limited timeframe.

Round 2: Blind Coding

The second round, "Blind Coding," brought a fresh twist to team collaboration. Teams of two worked together, with one member acting as the coder and the other as the navigator. The coder, unable to see the monitor, relied entirely on verbal guidance from the navigator to write the code. This setup not only tested technical skills but also highlighted the importance of clear communication, trust, and teamwork under pressure. The unique constraints simulated real-world scenarios where collaboration and effective instruction play a critical role in problem-solving and software development.

EVENT DATE: MARCH 20TH, 2024
VENUE: ANANTYA 2024, PCCOE'S FLAGSHIP EVENT.

TARK VITARK

EVENT DETAILS

PARTICIPANTS INCLUDED STUDENTS FROM VARIOUS BTECH BRANCHES SUCH AS COMPUTER SCIENCE, MECHANICAL ENGINEERING, CIVIL ENGINEERING, AND ELECTRONICS.

THE COMPETITION AIMED TO FOSTER INTELLECTUAL ENGAGEMENT, ENHANCE COMMUNICATION SKILLS, AND PROVIDE A PLATFORM FOR DEBATING CONTEMPORARY ISSUES.

COMPETITION FORMAT

TEAMS OF TWO REPRESENTED THEIR RESPECTIVE BRANCHES. MULTIPLE ROUNDS FOCUSING ON ISSUES LIKE:

- "THE IMPACT OF ARTIFICIAL INTELLIGENCE ON EMPLOYMENT OPPORTUNITIES"
- "SHOULD RENEWABLE ENERGY REPLACE FOSSIL FUELS IN THE NEXT DECADE?"
- "IS THE EDUCATION SYSTEM IN INDIA OUTDATED?"
- EVALUATED ON ARGUMENT STRENGTH, CLARITY OF EXPRESSION, REBUTTAL SKILLS, AND OVERALL PRESENTATION.



**COMPETITION TOOK PLACE
DATE : 15/10/2023**

TIME : 10:00 AM TO 5:00 PM

**INTER-DEPARTMENT DEBATE
COMPETITION**

- **ENCOURAGED TEAMWORK ON REAL-WORLD PROBLEMS**
- **FOSTERED GROWTH AND INNOVATIVE THINKING**
- **MIRRORED INDUSTRY PRACTICES**
- **ENHANCED CREATIVITY AND SKILLS**
- **STRENGTHENED PROBLEM-SOLVING ABILITIES**

Key Highlights:

- Participants displayed excellent critical thinking, public speaking, and logical reasoning.
- The event fostered intellectual engagement, with participants showcasing extensive research and unique perspectives.
- Judges, comprising distinguished PCCoE faculty, provided valuable feedback and insights.

Significance:

- Promoted skills like critical thinking, teamwork, and communication.
- Encouraged students to explore diverse viewpoints and engage in constructive argumentation.

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The background features a central white area with a fine blue speckle pattern. This is framed by dark blue wavy borders at the top and bottom, each accented with a thin gold line. On the right and left sides, there are clusters of overlapping light blue squares and diamonds, some with thin white outlines.

MTech EVENTS

Session on FLIR Camera by Mr. Sagar Joshi on 20th Jan 2024



Session on Art of Literature Review by Dr. Deepali Naik on 9th August 2024



Mr. Anil Pawar, SY MTech Presented Research Poster in Zonal Level Aavishkar Competition 2024



**Industrial Visit Report: BHAU Institute, Date: 19/10/2024,
Venue: BHAU Institute, C.O.E.P., Pune**



ACHIEVEMENTS

MTech

INTERNSHIP



Biradar Parikshit

(Batch 2023 – 2025)

for securing an internship

at **Scriptanalytica**

Technologies Pvt. Ltd



Mahale Moreshwar

(Batch 2023 – 2025)

for securing an internship

at **Softech Data**

Security Pvt. Ltd



Pawar Anil

(Batch 2023 – 2025)

for securing an internship

at **Spandan Technologies**

**Pvt. Ltd. & Kimaya
Technologies LLC, USA**

The Community

Benefits of acm

CESA(Computer Engineering Students Association) is a community of vaders that aims to help thea fellow mates by arranging competitions, workshops, and similar events which help in the overall development of the students. The benefits of CESA are listed below:

- Members get in touch with seniors and resource people, so they get to know about various things like evenis, software, and resources from the people who have experienced it
- Members gain comprehensive expomre which helps them in their overall grosth.
- Members learn about working in a team and coordinating with other members which is a valuable skill in the corporate world
- Members learn the etiquette of interacting with seniors, faculty members, and peers which helps them.
- Members ger a chance to interact with international bodies in order to help them connect globally
- Members have exclusive access to our Higher Studies Cell and Coding club.
- Members get a concession in fees, travel support if they participate in events conducted by ACM. A higher preference is provided to our members on a globul scale.
- Members are funded by CESA for their innovative ideas to help them achieve recognition globally.
- Members can nominate themselves for various awards by CESA and also provide them with a platform to help them publish their work viz CESA Insider, Website, Facebook, etc.

The Community

ACM (Association for Computing Machinery) is the world's largest educational and scientific computing society which delivers resources that advance computing as a science and a profession. The members are provided with a learning center where online books, videos, and webinars are available. A digital library that has over 2 million pages of text, a platform to communicate with other members weekly tech news to keep the members in touch with the current trends in the tech industry, they get a discount on ACM journals and magazines.



ACM-W Student Chapter aims to motivate and support women in the field of computing. The main focus of this chapter is to help women grow in the technical as well as non-technical areas. Workshops are conducted w.r.t current technology trends to increase technical knowledge as per the industry requirement. Girls are highly motivated to participate in the Grace Hopper Celebration which is the world's largest women technologists gathering. As for the non-technical part, a wide range of workshops and webinars are organized to create awareness about entrepreneurship, health issues, opportunities after graduation, etc.



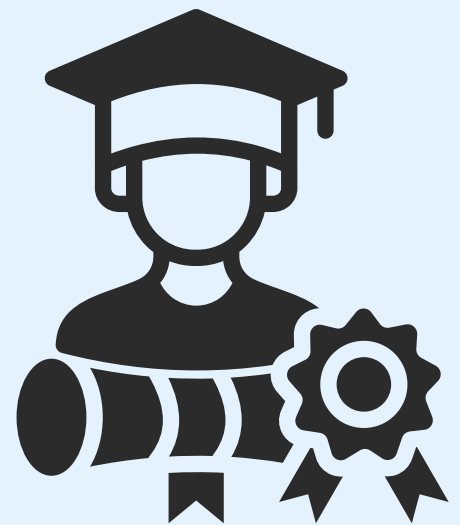
CESA Awards

In recognition of excellence, final-year students from our department are honored annually for their overall performance. The most distinguished among these honors is the Best Outgoing Student of the Year Award.

Best Outgoing Student of the Year award

The selection process for this award considers several factors such as academic excellence, accomplishments in co-curricular and extra-curricular activities, leadership abilities, social participation, performance in competitive examinations, placement/higher studies/entrepreneurship achievements, involvement in activities contributing to personal, departmental, and institutional growth, as well as internships and certifications completed during the program. The final decision also incorporates faculty opinion.

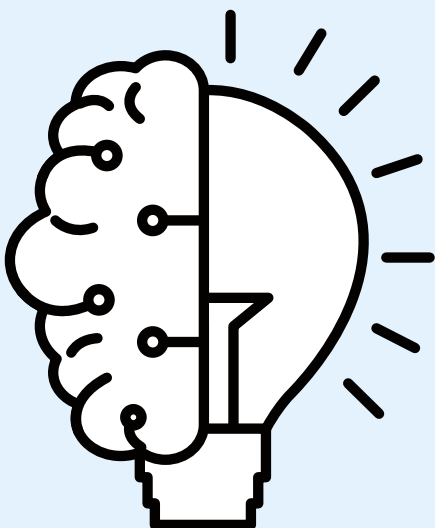
Nature of the award: Special trophy, Certificate, and Rs. 21,000/- cash.



Most Innovative Student of the Year award

The award shall be conferred upon the student who has displayed exceptional performance in research and innovation throughout their academic tenure.

Nature of the award: Trophy. Certificate



CESA Awards

Academic topper

This award recognizes the student who attains the highest overall rank in the University examination.

Nature of the award: Trophy, Certificate



Best Salary Package Achiever

This award recognizes the student who obtains the highest salary package through campus placement or off-campus recruitment drives in the respective year.

Nature of the award: Trophy, Certificate



Achievers in the Higher studies entrance examination, entrepreneurship

The award shall be given to a student who performs exceptionally in higher studies entrance examinations or has significant achievements in entrepreneurship.

Nature of the award: Trophy. Certificate



Vision & Mission of PCCoE

Vision

To be one of the top 100 Engineering Institutes of India in coming five years by offering exemplarily Ethical, Sustainable and Value Added Quality Education through a matching ecosystem for building successful careers.

Mision

- Serving the needs of the society at large through establishment of a state-of-art Engineering Institute
- Imparting right Attitude, Skills, Knowledge for self-sustenance through Quality Education
- Creating globally competent and Sensible engineers, researchers and entrepreneurs with an ability to think and act independently in demanding situations

Vision & Mission of Computer Department

Vision

To be a premier Computer Engineering Department by achieving excellence in Academics and Research for creating globally competent and ethical professionals.

Mision

- To develop technologically competent and self-sustained professionals through contemporary curriculum.
- To nurture innovative thinking and collaborative research, making a positive impact on society.
- To provide state-of-the art computing environment and learning opportunities through Center of Excellence.
- To foster leadership skills and ethics with holistic development.

CESA



INSIDER 2024-25

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MISSION To build technologically competent and ethically strong individuals for serving the needs of industry and society by providing state-of-the-art resources, opportunities for Learning and Research in Computer Engineering

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