PCET's
Pimpri Chinchwad College of Engineering , Pune
Department of Computer Engineering

CESA
Computer Engineering Student Association

acm PCCOE

CESA INSIDER

https://pccoe.acm.org/

Professional Chapters

PCCOE ACM STUDENT CHAPTER

ACM-W STUDENT CHAPTER

GOOGLE DEVELOPER STUDENTCLUB

OPEN WEB APPLICATION SECURITY PROJECT

LF DECENTRALIZED TRUST

ACHIEVEMENTS

Neha Chaudhari, a student of Third Year Computer Engineering (T.Y. Computer) from Pimpri Chinchwad College of Engineering achieved a remarkable milestone by securing the 1st Prize worth ₹3 Lakhs at the Google Cloud Agentic AI Hackathon.

Competing against more than 10,000 teams, she emerged as the top-ranked participant for presenting an innovative and impactful solution aimed at efficiently managing the growing challenge of city data overload. Her project demonstrated the effective use of advanced Agentic AI concepts and Google Cloud technologies to process, organize, and utilize large volumes of urban data

ACHIEVEMENTS

In a year where drone technology has become the frontline of disaster response, three standout students have proven that the future of search-and-rescue is in capable hands. At NIDAR 2026 - Disaster Management, an elite competition organized by Drone Federation India and the Ministry of Electronics and Information Technology (MeitY), the trio of Harshwardhan Karanje, Shreyash Padale, and Nishtha Desai demonstrated technical brilliance by clinching All India Rank 2.

The Challenge: A Race Against Time

The competition simulated a high-pressure flood rescue scenario. Teams were tasked with more than just flying; they had to execute a multi-stage autonomous mission:

- Surveillance: Rapidly scouting a disaster zone to locate survivors.
- Intelligence: Geotagging precise coordinates with high accuracy.
- Logistics: Delivering essential health kits autonomously to the identified locations.

The Winning Strategy: A Two-Drone System

While many teams struggled with the trade-off between speed and precision, our team engineered a sophisticated dual-platform approach:

- The VTOL Fixed-Wing Quadplane: Built for the surveillance phase, this hybrid craft combined the speed and efficiency of a fixed-wing plane with the vertical takeoff and landing (VTOL) capabilities of a quadcopter. This allowed for long-range coverage without needing a runway.
- The Hexacopter: For the delivery phase, the team deployed a heavy-lift hexacopter.

Against the Odds. Competing in a field of 350 elite teams from premier institutions including the IITs and NITs, the team's performance was a masterclass in autonomous systems integration. Their drones didn't just fly; they thought, mapped, and delivered with a level of precision that impressed the national panel of judges.

"To see our designs transition from CAD models to successfully navigating a complex disaster simulation was an incredible experience," the team shared. "Ranking second nationally among such fierce competition validates the months of testing and iteration we put in."

Team Profile

Harshwardhan Karanje (SY-B)

Shreyash Padale (SY-B)

Nishtha Desai (SY-D)

ACHIEVEMENTS

Siddhesh Arun Patil

Siddhesh Arun Patil from Pimpri Chinchwad College of Engineering secured an internship at Google, bringing pride to the institute and inspiring students.

Bhagawati Kadam

Bhagawati Kadam from Pimpri Chinchwad College of Engineering secured an internship at Amazon, showcasing strong technical skills and bringing pride to the institution.

Kamaksha Kharul

Kamaksha Kharul from Pimpri Chinchwad College of Engineering became a f
showcasing strong programming skills in this national-level competition.

ACHIEVEMENTS

Aditya Rajput (Computer Engineering), Ved Jadhav (Information Technology), Harshil Biyani (AIML), and Ansh Dudhe (AIML) achieved a remarkable milestone by winning the NAVONMESH National Level Hackathon 2025, organized by Shri Shankaracharya Institute of Professional Management & Technology, Raipur, the team secured 1st place and a cash prize of ₹10,000 for their innovative solution and strong teamwork.

Aditya Rajput, Harshal Biyani, and Ved Jadhav secured 2nd Runner-Up position at INNOVIK 5.0 Hackathon, held on 4th and 5th October at Vikrant Institute of Technology and Management, Indore.

Their achievement highlights their innovation, teamwork, and strong problem-solving skills in a competitive hackathon environment.

ACHIEVEMENTS

Prastuti Motghare and Kiran Mane secured 1st Prize at the SheInspires Women's Hackathon, demonstrating exceptional innovation, teamwork, and problem-solving skills in a competitive environment. Their achievement highlights their dedication to technology and their ability to create impactful solutions.

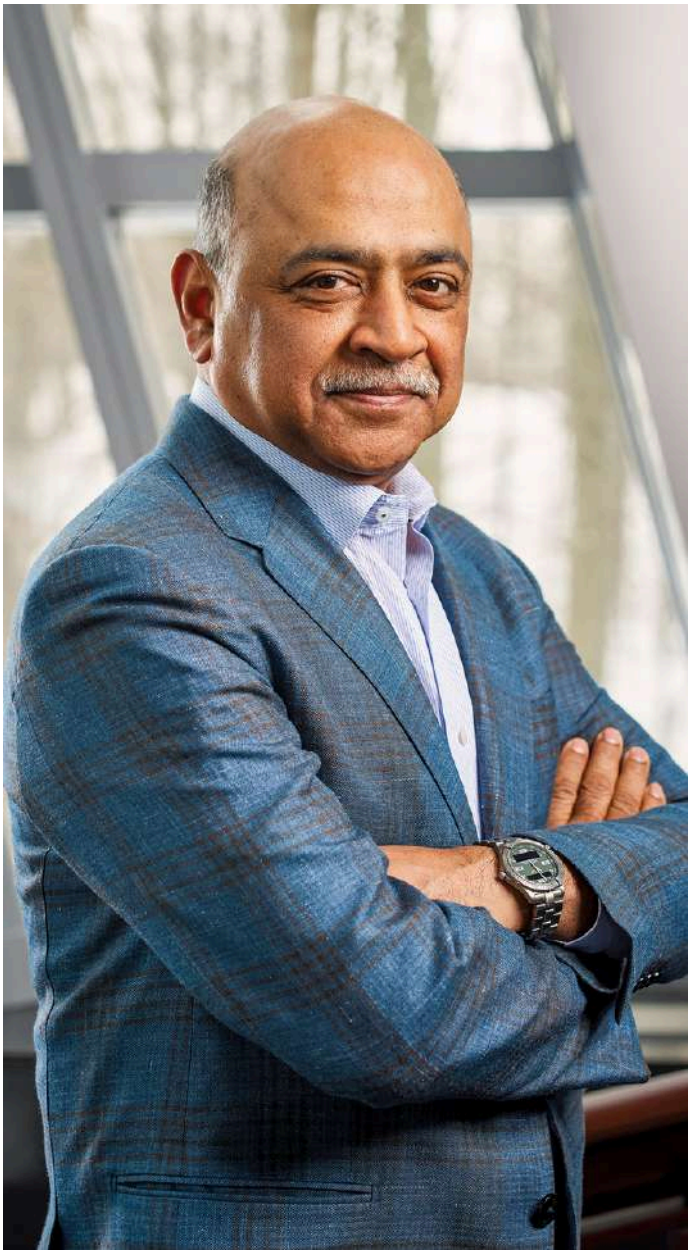
Arpit Gaikwad and Sarang Kadam secured 1st Prize in Revive-X, Manipal's flagship business case competition, held at TAMPI, Manipal, showcasing their exceptional analytical, strategic, and problem-solving skills. Their achievement highlights their ability to develop innovative solutions and compete successfully at a prestigious national-level platform.

ACHIEVEMENTS

Afia Shaikh and Shravani Sonigra (TY Computer Engineering) secured 1st Prize at the CyStar Hackathon on Decentralised Trust and Blockchain, held at IIT Madras, earning a ₹25,000 cash prize. Their innovative solution addressed key challenges in decentralized trust and blockchain technology. Competing against talented participants from top institutes across the country, they demonstrated strong technical expertise, teamwork, and problem-solving skills. This remarkable achievement brings pride to the institute and inspires fellow students to actively participate in national-level hackathons.

Team Zenith secured Third Prize at IGC PCCOE Pune, winning ₹40,000 for their innovative project "Jalyoddhe." The project focuses on developing an AI-powered system to detect marine debris in rivers and coastal regions using Sentinel-2 satellite imagery and machine learning models built with Python and PyTorch. By integrating FastAPI, PostgreSQL, and a React-based dashboard, the system enables real-time visualization of pollution hotspots, helping authorities and environmental organizations take faster, data-driven cleanup actions. With its scalable and cost-effective approach to environmental monitoring, Jalyoddhe contributes to key UN Sustainable Development Goals, including Clean Water, Life Below Water, and Climate Action.

TRIBUTE



The global technology landscape continues to evolve rapidly, driven by leaders who combine innovation with a deep understanding of computing. One such inspiring figure is **Arvind Krishna**, the Chairman and CEO of IBM. Born in India, Krishna has emerged as one of the most influential voices shaping the future of artificial intelligence and cloud computing.

Since becoming CEO in 2020, he has played a key role in transforming IBM's focus toward hybrid cloud technologies and enterprise AI solutions. Under his leadership, IBM has accelerated research and development efforts in emerging technologies, empowering businesses to harness the potential of data and intelligent systems.

Krishna's journey from an engineer and researcher to the head of one of the world's most iconic technology companies reflects the power of curiosity, perseverance, and innovation. His work continues to inspire aspiring computer scientists and engineers to explore the limitless possibilities of computing and contribute to solving complex global challenges.

Beyond his leadership role, Arvind Krishna has built a strong technical career rooted in research and engineering. During his decades at IBM, he contributed to key areas of enterprise computing such as database systems, distributed computing, and security, and is listed as an inventor or co-inventor on numerous patents.

Earlier in his career, he helped shape IBM's strategy around open and enterprise software ecosystems. His involvement in the acquisition and integration of Red Hat strengthened the company's connection with the global open-source community and enabled organizations to build scalable systems using open technologies.

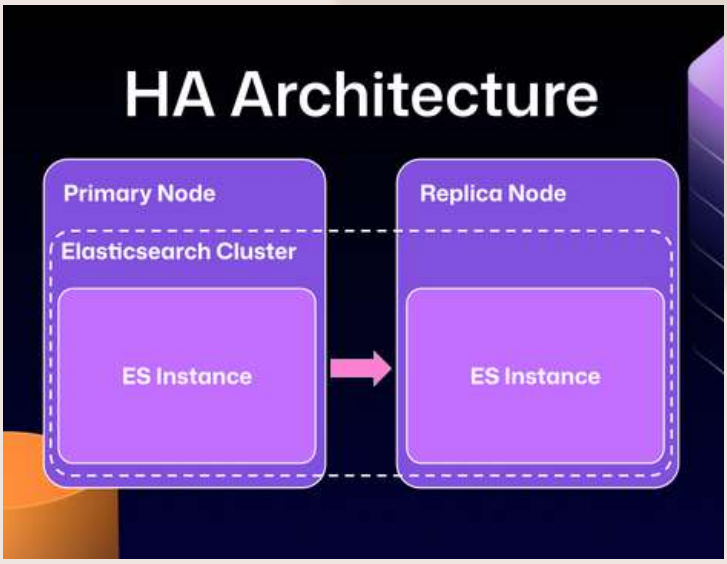
Krishna has also supported advancements from IBM Research, encouraging work in responsible AI, large-scale data systems, and next-generation computing. His influence is also seen in quantum initiatives through IBM Quantum, which provides researchers and universities access to quantum processors.

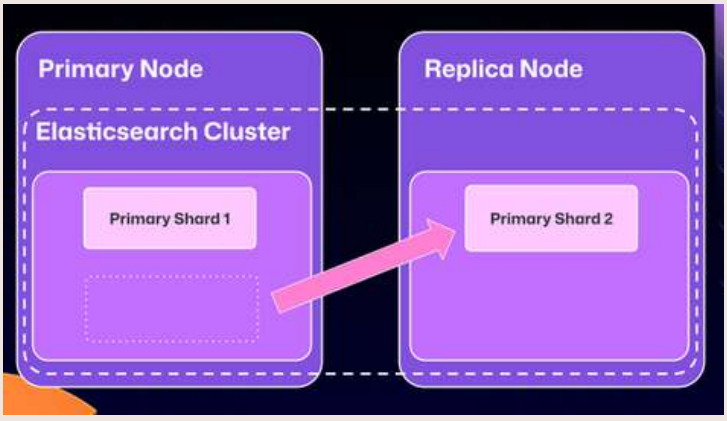
Together, these contributions highlight how his work bridges research, open technology ecosystems, and future computing architectures.

How we rebuilt the search architecture for high availability in GitHub Enterprise Server

So much of what you interact with on GitHub depends on search—obviously the search bars and filtering experiences like the GitHub Issues page, but it is also the core of the releases page, projects page, the counts for issues and pull requests, and more. Given that search is such a core part of the GitHub platform, we've spent the last year making it even more durable. That means, less time spent managing GitHub Enterprise Server, and more time working on what your customers care most about.

In recent years, GitHub Enterprise Server administrators had to be especially careful with search indexes, the special database tables optimized for searching. If they didn't follow maintenance or upgrade steps in exactly the right order, search indexes could become damaged and need repair, or they might get locked and cause problems during upgrades. Quick context if you're not running High Availability (HA) setups, they're designed to keep GitHub Enterprise Server running smoothly even if part of the system fails. You have a primary node that handles all the writes and traffic, and replica nodes that stay in sync and can take over if needed.





Much of this difficulty comes from how previous versions of Elasticsearch, our search database of choice, were integrated. HA GitHub Enterprise Server installations use a leader/follower pattern. The leader (primary server) receives all the writes, updates, and traffic. Followers (replicas) are designed to be read-only. This pattern is deeply ingrained into all of the operations of GitHub Enterprise Server.

How we rebuilt the search architecture for high availability in GitHub Enterprise Server

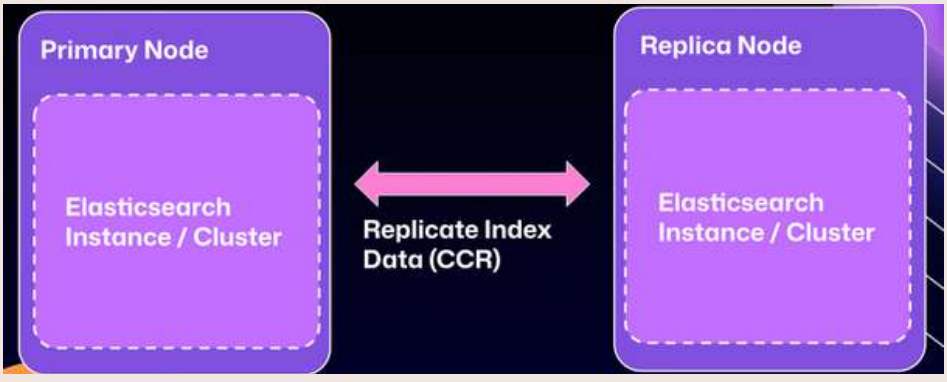
This is where Elasticsearch started running into issues. Since it couldn't support having a primary node and a replica node, GitHub engineering had to create an Elasticsearch cluster across the primary and replica nodes. This made replicating data straightforward and additionally gave some performance benefits, since each node could locally handle search requests.

Unfortunately, the problems of clustering across servers eventually began to outweigh the benefits. For example, at any point Elasticsearch could move a primary shard (responsible for receiving/validating writes) to a replica. If that replica was then taken down for maintenance, GitHub Enterprise Server could end up in a locked state. The replica would wait for Elasticsearch to be healthy before starting up, but Elasticsearch couldn't become healthy until the replica rejoined.

For a number of GitHub Enterprise Server releases, engineers at GitHub tried to make this mode more stable. We implemented checks to ensure Elasticsearch was in a healthy state, as well as other processes to try and correct drifting states. We went as far as attempting to build a "search mirroring" system that would allow us to move away from the clustered mode. But database replication is incredibly challenging and these efforts needed consistency.

What changed?

After years of work, we're now able to use Elasticsearch's Cross Cluster Replication (CCR) feature to support HA GitHub Enterprise.



"But David," you say, "That's replication between clusters. How does that help here?" I'm so glad you asked. With this mode, we're moving to use several, "single-node" Elasticsearch clusters. Now each Enterprise server instance will operate as independent single node Elasticsearch clusters.

CCR lets us share the index data between nodes in a way that is carefully controlled and natively supported by Elasticsearch. It copies data once it's been persisted to the Lucene segments (Elasticsearch's underlying data store).

How we rebuilt the search architecture for high availability in GitHub Enterprise Server

This ensures we're replicating data that has been durably persisted within the Elasticsearch cluster.

In other words, now that Elasticsearch supports a leader/follower pattern, GitHub Enterprise Server administrators will no longer be left in a state where critical data winds up on read-only nodes.

Under the hood

Elasticsearch has an auto-follow API, but it only applies to indexes created after the policy exists. GitHub Enterprise Server HA installations already have a long-lived set of indexes, so we need a bootstrap step that attaches followers to existing indexes, then enables auto-follow for anything created in the future.

How to get started with CCR mode

To get started using the new CCR mode, reach out to support@github.com and let them know you'd like to use the new HA mode for GitHub Enterprise Server. They'll set up your organization so that you can download the required license.

Once you've downloaded your new license, you'll need to set `ghe-config app.elasticsearch.ccr true`. With that finished, administrators can run a `config-apply` or an upgrade on your cluster to move to 3.19.1, which is the first release to support this new architecture.

When your GitHub Enterprise Server restarts, Elasticsearch will migrate your installation to use the new replication method. This will consolidate all the data onto the primary nodes, break clustering across nodes, and restart replication using CCR. This update may take some time depending on the size of your GitHub Enterprise Server instance.

While the new HA method is optional for now, we'll be making it our default over the next two years. We want to ensure there's ample time for GitHub Enterprise administrators to get their feedback in, so now is the time to try it out.

We're excited for you to start using the new HA mode for a more seamless experience managing GitHub Enterprise Server.

PCET's
Pimpri Chinchwad College of Engineering , Pune
Department of Computer Engineering

Computer Engineering Student Association

https://pccoe.acm.org/

MEET OUR TEAM

AYUSH PATIL
PRESIDENT

MAYURESH RANE
VICE PRESIDENT

RUSHIKESH PATIL
MANAGEMENT EXECUTIVE

NEELAY SHAH
TREASURER

SWAYAM MANDHANI
CO-TREASURER

AFIA SHAIKH
CO- SECRETARY

PRERNA RAJPUT
SECRETARY

LIKHIT CHAUDHARY
MEMBERSHIP CHAIR

SIDDHANT ITKAR
MEMBERSHIP CHAIR

MEET OUR TEAM

SHRAVAN JOSHI
PUBLIC RELATION HEAD

HRISHIKESH PATIL
PUBLIC RELATION HEAD

PRANIL SAKPAL
DESIGN HEAD

NEHAL KONGWAD
DESIGN HEAD

MAYUR JOGADE
DESIGN HEAD

SADHYOJ HANWATE
DESIGN HEAD

KARTIK THAKUR
VISUAL MEDIA HEAD

NIRMIT MANE
VISUAL MEDIA HEAD

SHRAVANI KALAPURE
VISUAL MEDIA HEAD

AADI KANCHANKAR
VISUAL MEDIA HEAD

ROHAN MAHANVAR
VISUAL MEDIA HEAD

PIYUSH PATIL
TECHNICAL HEAD

SHIVPRASAD MAHIND
TECHNICAL HEAD

PARIKSHIT RAJPUROHIT
TECHNICAL HEAD

RAMAN RANDIVE
TECHNICAL HEAD

HARSHAL PATIL
TECHNICAL HEAD

VIRJEET KAKEKAR
TECHNICAL HEAD

RAHUL LANDAGE
WEBMASTER HEAD

PRUTHVIRAJ KALE
WEBMASTER HEAD

VAISHNAVI GAIKWAD
WEBMASTER HEAD

PARTH JOSHI
WEBMASTER HEAD

KEYURA MOTEGAONKAR
WEBMASTER HEAD

MALHAR KADAM
MARKETING HEAD

KEYA JADHAV
MARKETING HEAD

PREKSHA GANGWAL
MARKETING HEAD

AAYUSH KOLHE
MARKETING HEAD

SHRAVANI SONIGRA
MARKETING HEAD

BHAVYA SHAH
MARKETING HEAD

Alumni Interaction Session - Jovian Anthony

On 10 January 2025, CESA ACM organized an Alumni Interaction Session featuring Jovian Anthony, a Production Engineer at Meta, Menlo Park, California, for second-year students. The session focused on career planning, higher education opportunities, and research domains, with Jovian sharing his journey, explaining the steps to study abroad, and outlining the process of applying to foreign universities.

He discussed how to choose the right research domain, conduct impactful research, and strengthen applications to top global universities by understanding procedures, scholarships, and ways to build a strong academic profile. Additionally, he highlighted the importance of specialized courses and certifications for better career prospects in the tech industry.

The session concluded with an interactive Q&A, where students asked about admissions, careers, and industry trends, leaving them with a clearer perspective on planning their academic and professional paths.

ACM Hour Code - Game Development

Held on 3rd April 2025, the Hour of Code session was organized by the ACM Student Chapter at the R&DE (E) School Campus. Conducted offline, the event reached an enthusiastic audience of around 250-300 school students, serving as an engaging introduction to the fundamentals of game development and the broader world of computer science. Its primary objective was to spark curiosity, encourage creativity, and provide hands-on exposure to how modern digital games are designed and developed.

The session began with an overview of the gaming world, discussing how games are conceptualized, designed, and built. Students were introduced to beginner-friendly game development tools such as Unity and were guided through the different stages of game creation. The team demonstrated the process of building a simple sample game, explaining the underlying logic, components, and workflow necessary to bring ideas to life in a playable form.

ACM Hour Code - Game Development

Following the demonstration, participants had the opportunity to create their own basic games. Volunteers engaged closely with students, addressing their questions and helping them grasp coding concepts at their own pace. This interactive guidance ensured that every participant could comfortably follow along and gain a tangible understanding of how game logic translates into action.

Toward the end of the event, a fun and interactive activity allowed students to experience real gameplay using gaming devices. They explored game controls, understood player mechanics, and witnessed how the code they had learned earlier came alive during gameplay. The event concluded with enthusiastic participation, as students' curiosity and excitement made the session both impactful and rewarding. The Hour of Code successfully inspired many young minds to delve deeper into programming, creativity, and the exciting field of game development

ESP Session by Dr. Gururaj H L

On 14 February 2025, the PCCOE CESA ACM Student Chapter hosted an Expert Speaker Session on the "Role of AI & Generative AI in Cybersecurity," featuring Dr. Gururaj H L.

The session offered a comprehensive look at how AI and generative AI are transforming cybersecurity by enhancing threat detection, prevention techniques, and overall digital security. Dr. Gururaj shared insights on cutting-edge advancements, illustrating how AI-driven models are making cybersecurity more robust, proactive, and adaptive.

The event encouraged active participation, with attendees engaging in discussions on practical applications and emerging trends in cybersecurity shaped by AI. With around 250 participants, the session provided an excellent opportunity for tech enthusiasts to deepen their understanding of AI's critical role in safeguarding digital infrastructure. The session was highly appreciated, equipping attendees with valuable knowledge and perspectives for future developments in cybersecurity.

Writing Code Effectively with GenAI Tools by Prof. Vijay Kumar

On 15 February 2025, ACM India, CSI, and Persistent Systems organized an offline session titled "Writing Code Effectively with GenAI Tools" at Persistent Systems, Vedas Complex, Pandit Bhimsen Joshi Auditorium, Rajiv Gandhi IT Park, Hinjewadi Phase 1, Pune. The session featured Prof. Viraj Kumar, Visiting Professor at the Divecha Centre for Climate Change, IISc, and ACM India National Council Member, and was attended by students from the PCCoE ACM and ACM-W Student Chapters. The aim of the session was to introduce students to the growing role of Generative AI in modern programming and software development.

During the talk, Prof. Kumar explained how AI-driven coding assistants, automated debugging, and other GenAI tools can be integrated into development workflows to improve coding efficiency and software quality. The session was interactive, with students actively asking questions and discussing real-world applications of Generative AI. Around 100 students participated, and the practical demonstrations and expert insights helped them understand how to responsibly use GenAI tools in their coding practices.

Google Summer of Code & Open-Source Contribution Session

On 3rd March 2025, an offline session on Google Summer of Code (GSoC) and Open-Source Contribution was held at the LRDC Hall, Mechanical Building. The session featured Deep Poharkar, a GSoC'24 contributor at RNBN and an ex-intern at a YC-backed startup, who aimed to guide students about GSoC, open-source development, and earning through contributions.

Deep shared his journey of contributing to open-source projects and explained how students can leverage GSoC and LFX Mentorship to gain industry-level experience.

He provided step-by-step guidance on finding suitable projects, making quality contributions, and building a strong developer profile to get selected for prestigious open-source programs.

Google Summer of Code & Open-Source Contribution Session

The session covered key topics such as an introduction to open source and GSoC, how to find and contribute to open-source projects, the selection process for both GSoC and LFX mentorship, and the career benefits of contributing to open source. He also shared tips on writing strong GSoC proposals and making standout applications.

An interactive Q&A segment followed, where students asked doubts about choosing organizations, crafting impactful proposals, and balancing GSoC with academics. With over 100 participants, the session was highly engaging and provided aspiring GSoC 2025 applicants with a clear roadmap to begin their open-source journey and make meaningful global contributions.

Anantya 2025

ACTION REPLAY

Action Replay, a captivating non-technical event organized by ACM PCCoE as part of "Anantya 2025" from 6th to 8th March 2025 at Pimpri Chinchwad College of Engineering, celebrated movies and pop culture through exciting challenges inspired by iconic films and series. Designed to foster teamwork and creativity, the event featured trivia, music-based rounds, and enactments that created a lively and engaging atmosphere. With over 200 participants from across Maharashtra, Action Replay provided movie enthusiasts a fun platform to showcase their knowledge and performance skills while promoting collaboration, community, and a shared love for cinema.

Anantya 2025

CODIGO

CODIGO, a flagship coding competition under "Anantya 2025," was an exciting and intellectually stimulating event organized by the Department of Computer Engineering, PCCoE, from 5th to 8th March 2025. With the tagline "Code the Multiverse, Conquer the Universe," the competition brought together over 250 teams from across PCCoE, fostering collaboration, innovation, and problem-solving. Spanning three rounds, it challenged participants to tackle complex coding problems while connecting with like-minded peers. The grand finale, held offline on campus, celebrated creativity and teamwork as the top 60 teams competed for top honors. Beyond competition, CODIGO served as a hub for knowledge exchange, promoting community learning and highlighting the value of collaboration in developing strong problem-solving skills.

Anantya 2025

CAT 3.0

CAT 3.0 – Intelligence in Action was an intellectually engaging event organized under "Anantya 2025" by the Department of Computer Engineering, PCCoE, on 7th March 2025. Aimed at fostering analytical thinking, decision-making, and business acumen, the competition attracted over 150 participants from colleges across Maharashtra. The event offered a platform for students to enhance their aptitude, teamwork, and problem-solving skills while collaborating with like-minded peers. Through its competitive yet collaborative spirit, CAT 3.0 promoted community engagement, knowledge sharing, and intellectual growth, encouraging participants to build connections and embrace learning beyond the classroom.

Anantya 2025

IPL AUCTION

IPL Auction, a thrilling non-technical event under "Anantya 2025," was organized by the Department of Computer Engineering, PCCoE, from 6th to 8th March 2025. Blending the excitement of cricket with strategic decision-making, participants engaged in a mock Indian Premier League (IPL) auction, taking on the roles of team owners tasked with building the best cricket team within a virtual budget. The event promoted teamwork, critical thinking, and financial planning, offering a creative mix of sports enthusiasm and analytical strategy.

With over 300 participants from across Maharashtra, IPL Auction fostered collaboration and friendly competition as students interacted, exchanged ideas, and made calculated decisions under pressure. The engaging atmosphere allowed cricket enthusiasts to experience the thrill of an auction while strengthening their decision-making and teamwork skills, creating a fun, competitive, and memorable experience for all participants.

Stock Market Opportunities

On 17th March 2025, an insightful seminar on "Stock Market Opportunities" was conducted in offline mode at the LRDC Hall, Mechanical Building, PCCOE, in collaboration with TPL Tradeline, a NISM-certified stock market institute. The session aimed to introduce students to various career paths in the financial sector while equipping them with practical market insights and strategies.

The seminar covered a wide range of topics, from basic to advanced stock market concepts, including technical and fundamental analysis, derivatives, and commodities. It also explored domains such as currency trading, hedging, and future options, along with various investment instruments like SIPs, bonds, IPOs, and ETFs.

Additionally, participants learned about special scholarship opportunities available exclusively to PCCOE students. With an enthusiastic participation of 45 students, the session proved highly beneficial for those eager to understand market dynamics and explore promising finance-related career paths.

Tech Summit 2025

On 21st March 2025, Tech Summit 2025, themed "Curiosity Sparks, Innovation Marks!", was organized as a baby conference to foster innovation, collaboration, and research enthusiasm among students.

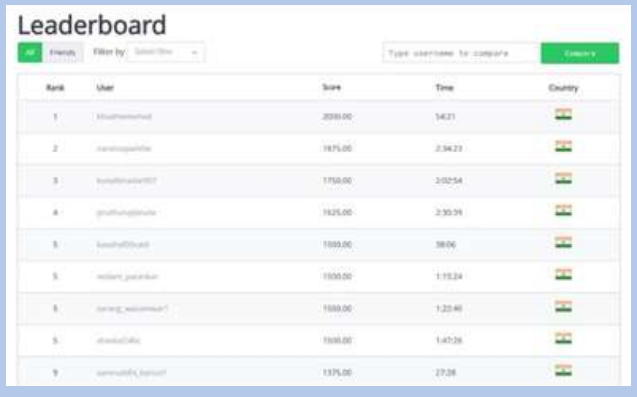
The event featured four specialized tracks—Applied Artificial Intelligence in Visual Computing, Biomedical Applications and Soft Computing, Machine Intelligence and Optimization Algorithms, and Computer Networks and Information Security—allowing participants to delve into their areas of interest and present their research ideas.

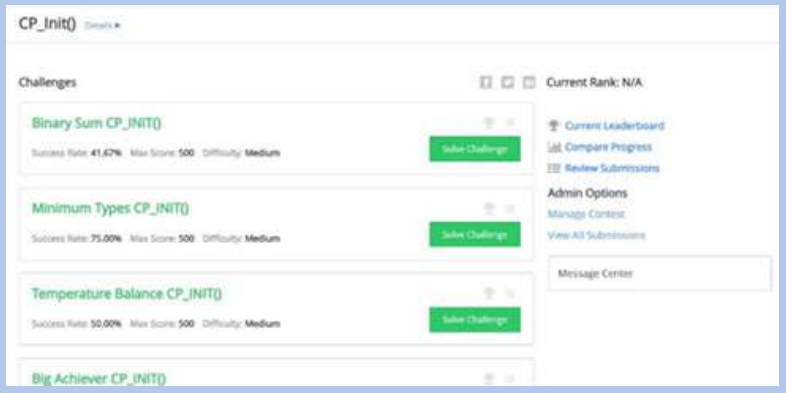
With the participation of over 100 computer engineering students, the summit provided a vibrant platform for exchanging innovative thoughts, engaging in meaningful discussions, and gaining exposure to interdisciplinary trends in computer engineering. By encouraging critical thinking, creativity, and academic excellence, Tech Summit 2025 successfully inspired students to pursue research-driven innovation and collaborative learning.

Competitive Programming - CP_Init()

"Competitive Programming - CP_Init()" was organized on 24 May 2025 by the Department of Computer Engineering under the Computer Engineering Student Association (CESA) and PCCOE ACM Student Chapter, exclusively for First-Year students of PCCOE. The online event, conducted on HackerRank, was designed as a beginner-friendly introduction to coding and competitive programming, helping students get comfortable with basic logic, syntax, and simple problem-solving in a supportive environment.

By using a real competitive programming platform along with a live leaderboard, the event made learning interactive and exciting, encouraging healthy competition among participants. Around 70 students took part, and top performers were acknowledged, boosting their confidence and motivating them to continue exploring programming. CP_Init() effectively lowered the entry barrier to competitive programming and sparked curiosity and a growth mindset in many first-time coders.

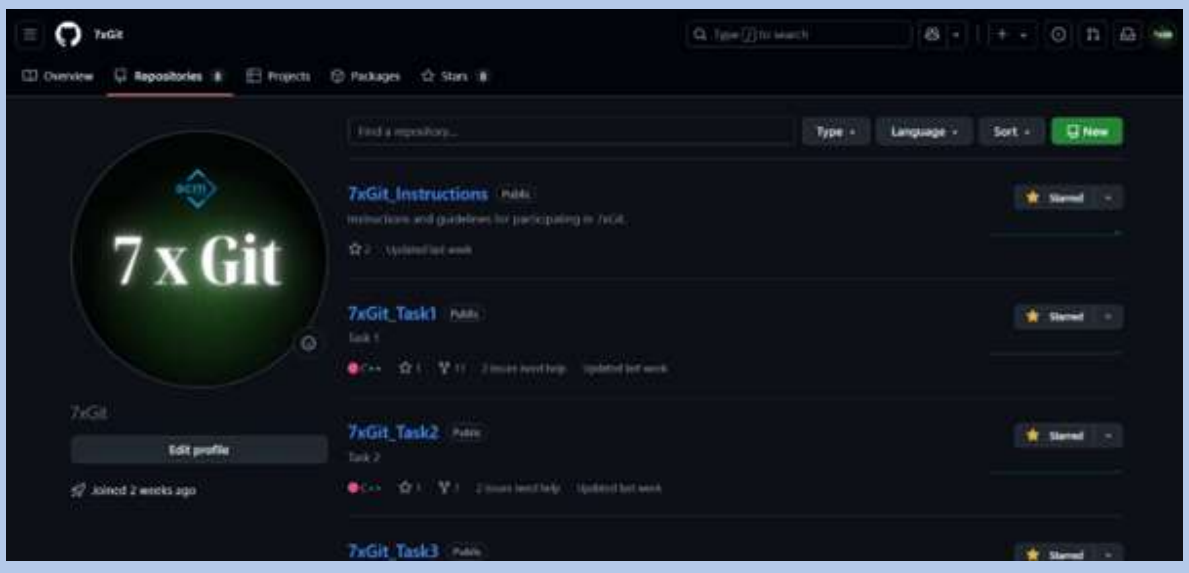




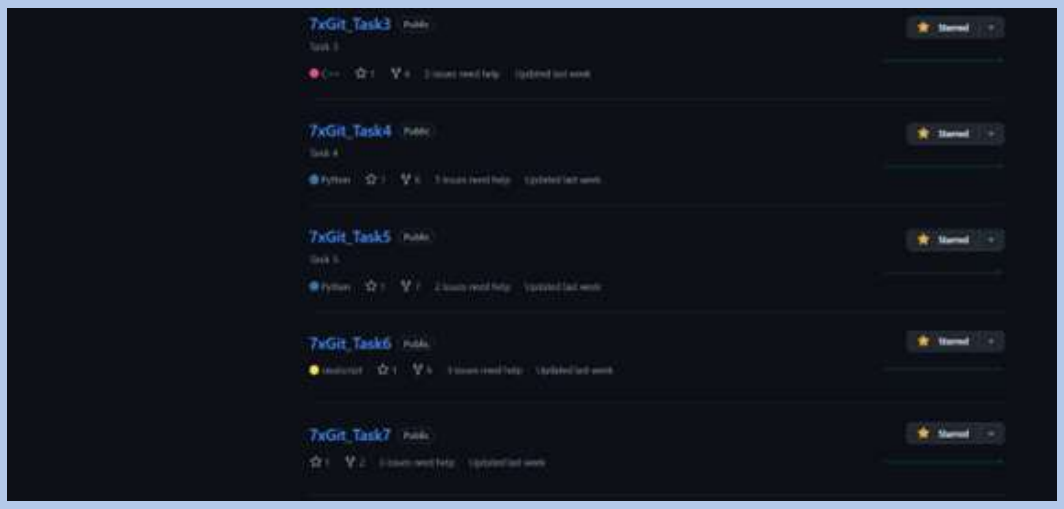
7x Git Open Source Contribution

From 26th May to 30th May 2025, the Department of Computer Engineering, under the Computer Engineering Student Association (CESA) and PCCOE ACM Student Chapter, successfully organized "7×Git - Embark on Your Open-Source Journey!". Conducted online via GitHub, this five-day beginner-friendly initiative was designed to demystify the world of open-source contributions and empower students to take their first confident steps into the global developer community.

The core concept of 7×Git revolved around contributing to seven carefully curated GitHub repositories, each offering simple, beginner-accessible tasks across various topics and programming languages. Participants learned to fork, clone, commit, and raise pull requests, experiencing the complete GitHub workflow in a practical and engaging manner. Through this hands-on approach, students gained both confidence and technical proficiency while understanding how real-world contributions shape open-source projects.



7x Git Open Source Contribution



Whether participants were newcomers to Git or already familiar with version control, the event catered to all levels of expertise. It promoted peer learning, collaboration, and a spirit of community building, paving the way for a stronger open-source culture within PCCOE. The initiative encouraged students to learn Git and GitHub fundamentals, make their first-ever open-source contributions, explore multiple domains such as C++, Python, and documentation, collaborate with fellow learners, and earn certificates of participation.

The event witnessed enthusiastic participation from over 80 active contributors and generated remarkable excitement around open source at PCCOE. Participants proudly shared their merged pull requests, many expressing a newfound passion for continuing their journey in open-source contribution beyond the activity window. The success of 7×Git marked a meaningful step toward cultivating innovation, collaboration, and global engagement among the next generation of software developers.

Pattern Print-Off – Show Your Coding Creativity!

On 4th June 2025, the Department of Computer Engineering, under the Computer Engineering Student Association (CESA) and the PCCOE ACM Student Chapter, organized an engaging online coding event titled "Pattern Print-Off – Show Your Coding Creativity!" Conducted on HackerRank, this one-hour contest introduced participants—especially beginners—to programming through creative pattern printing problems. Focusing on loop-based logic, the event aimed to help students build a strong foundation in control flow and repetition constructs while encouraging creative thinking in coding.

The competition provided a real-time coding experience similar to professional competitive platforms, enhancing logical reasoning and fluency in programming. With over 65 participants from various years, the event promoted inclusivity and enthusiasm for learning. A live leaderboard kept the excitement high, recognizing top performers and motivating all students to participate actively.

Overall, Pattern Print-Off successfully fostered a supportive environment for beginners to strengthen their programming fundamentals and showcase their creativity through code.

CESA Induction

The CESA Induction Ceremony for the 2025-26 academic year at PCCOE was a lively and inspiring event held in the Seminar Hall of the Architecture Building, attended by over 400 students, faculty, and guests. The ceremony celebrated the official transition of student leadership within the Computer Engineering Students' Association (CESA) and set a positive tone for the upcoming academic year.

The event began with the traditional lamp lighting, symbolizing knowledge and new beginnings, followed by the introduction of honored dignitaries, including Chief Guest Mr. Ankush Pathak from Canonical Pune. The outgoing president shared reflections on the past year, while the incoming president outlined their vision, emphasizing teamwork, innovation, and dedication.

A structured file handover and oath-taking ceremony marked the formal transfer of responsibilities, reinforcing continuity and commitment to CESA's values. Motivational speeches by Dr. Shitalkumar Rawandale, Dr. Sonali Patil, and Mr. Pathak inspired students to strive for excellence and embrace new challenges.

CESA Induction

The ceremony successfully combined tradition, leadership, and inspiration, leaving the students energized and ready for a year of growth, learning, and achievement under the new CESA team, with additional highlights including a video showcasing CESA's achievements, a visionary address from the new president, a collective vote of thanks, and closing words of encouragement accompanied by the traditional Pasaydan, leaving the audience motivated and inspired for the year ahead.

Community Tech Awareness

The Computer Engineering Department's ACM Student Chapter hosted the Community Tech Awareness initiative, drawing a crowd of 30 participants on July 30, 2025. Led by Ayush Patil, President of CESA ACM, the offline program represented a powerful commitment to bridging technology and society.

Through dynamic workshops and interactive discussions, community members learned about cutting-edge digital tools, essential cybersecurity practices, and the adoption of safe, efficient technologies for everyday life.

This initiative not only elevated the community's technical literacy but also forged stronger bonds between academia and society, reflecting the chapter's ethos of social responsibility and knowledge sharing.The event left a lasting impact, inspiring individuals to embrace technology for personal growth and to fuel community development.

Turing award Session 1.0

The ACM Student Chapter of the Computer Engineering Department held an engaging offline session on August 11, 2025, dedicated to exploring the significance of the Turing Award. With 30 participants, the session began by spotlighting Alan Turing's foundational role in computer science and artificial intelligence, setting the stage for understanding why the Turing Award is widely regarded as the "Nobel Prize of Computing".

The event traced the history and selection process of the award, highlighting its role in recognizing groundbreaking contributions—ranging from the invention of programming languages to major advances in Internet architecture and artificial intelligence. Attendees learned about past and recent laureates, including their transformative research and its impact on industries and society. Questions and lively discussion followed, with students inspired by the stories of laureates and gaining renewed motivation for their own studies and careers.

Turing award Session 1.0

The session closed with an open dialogue on how impactful research, creativity, and perseverance can lead to meaningful innovations in technology, leaving everyone with a heightened awareness of diverse opportunities in computer science.

Alumni Interaction Session

On August 6, 2025, CESA and ACM hosted an inspiring Alumni Interaction Session for second-year students at PCCoE, with 160 participants. Distinguished alumni Mr. Ankur Jangra and Mr. Varun Gadde shared practical insights from their academic and professional journeys, emphasizing the value of developing both technical and soft skills, staying updated with new technologies, and maintaining consistency in efforts.

Students engaged in an open discussion, gaining actionable advice on career planning, overcoming challenges, and maximizing college opportunities. The session concluded on a motivating note, leaving students energized, goal-oriented, and better equipped to carve their own path in the field of computer engineering.

Students engaged in an open discussion, gaining actionable advice on career planning, overcoming challenges, and maximizing college opportunities. The session concluded on a motivating note, leaving students energized, goal-oriented, and better equipped to carve their own path in the field of computer engineering.

Session on SQL Queries

On September 9, 2025, the CESA-ACM cell organized an interdepartmental Hands-on Session on SQL Queries, attracting 52 third-year students. The event provided valuable practical exposure to the fundamentals and applications of Structured Query Language (SQL), bridging theoretical concepts with real-world database management skills

Students from various departments collaborated in learning SQL essentials—including data definition, manipulation, filtering, sorting, joins, and aggregate functions—through live demonstrations and hands-on practice. The interactive format fostered teamwork and knowledge-sharing, while a concluding Q&A addressed advanced topics and clarified student doubts. The session left participants with vital, industry-relevant database handling skills needed in today's data-driven environments.

ESP Session by Dr. R Venkateswaran

The ACM Student Chapter hosted an engaging Expert Session on "Trends in IT Sector" on September 17, 2025, with Dr. R. Venkateswaran as the guest speaker and 71 participants in attendance. The event delved into key ACM initiatives, opportunities for volunteering, and the importance of continual skill development through programs such as the Winter Learning School and industry workshops.

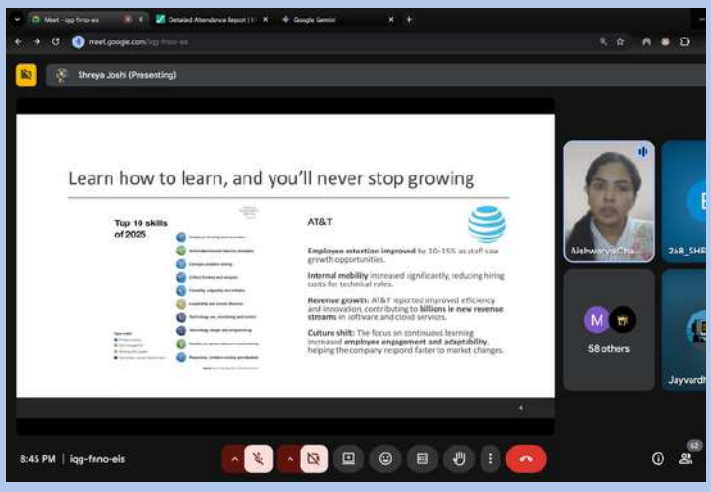
Dr. Venkateswaran illustrated how technology is driving real-world change—particularly in agriculture, using the Telangana Chilli Farmers case to showcase the impact of AI, IoT, and digital solutions on yield improvement and cost reduction. The session also spotlighted the latest trends in AI, Data Science, and Cybersecurity, along with career opportunities and the value of problem-first approaches.

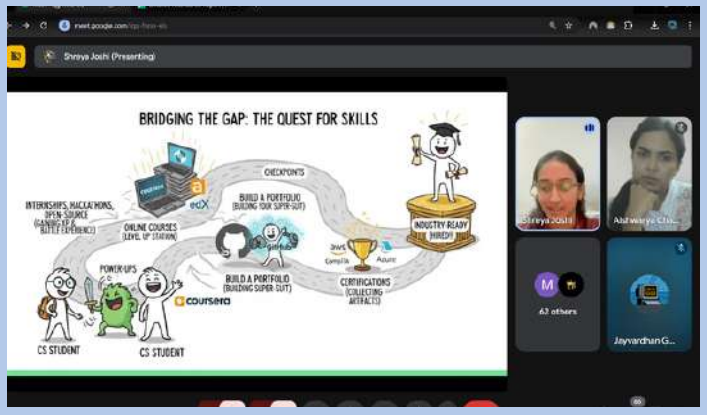
Students left inspired to focus on impactful work, stay connected with current developments, and pursue fulfilling career paths in the IT sector.

FDP Session: Recent Trends in IT - Day 1

The Computer Engineering Students' Association (CESA-ACM) hosted a thought-provoking Faculty Development Program (FDP) on September 22, 2025, featuring industry experts Ms. Shreya Joshi (Google) and Ms. Aishwarya Chandrasekaran (Netcracker Technology) on Google Meet. The sessions drew 86 participants and addressed the rapid changes shaping the computer science field.

Ms. Joshi's talk, "The CS Survival Guide to Industry Disruption," highlighted how AI, Cloud, Big Data, and Cybersecurity are driving transformation and increasing demand for roles like AI/ML Engineers and Cloud Architects. She offered a strategic roadmap for bridging skill gaps and encouraged internships, projects, and certifications.

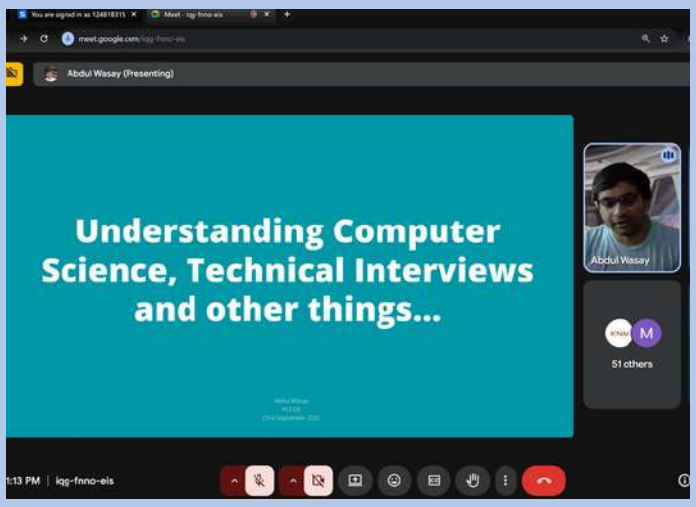


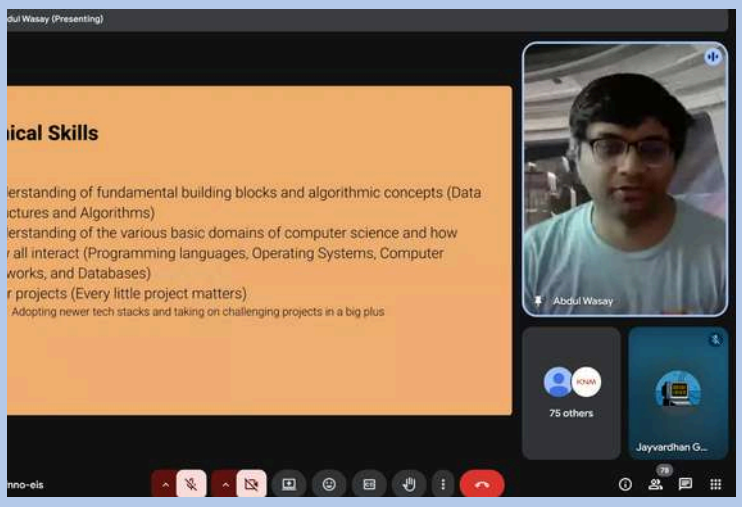


Ms. Chandrasekaran's session, "Humanizing Tech: The Role of Learning and Development in Recent IT Trends," emphasized soft skills, adaptability, and the necessity of lifelong learning. Sharing research and real-world examples, she linked professional success to continuous learning and effective collaboration.

FDP Session: Recent Trends in IT - Day 2

The CESA-ACM Faculty Development Program on September 23, 2025, featured an insightful session led by Mr. Abdul Wasay, Senior Data Scientist at Autodesk and PCCOE alumnus, with 124 participants joining via Google Meet. His talk, "Understanding Computer Science, Technical Interviews and Other Things...", spotlighted the essential ingredients for success in computer science: passion for the field, technical excellence, impactful projects, and key soft skills like adaptability and communication.

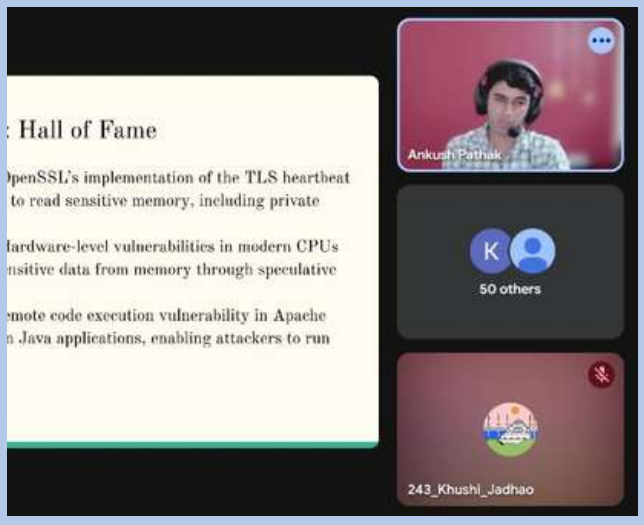




Mr. Wasay shared a practical three-step strategy for excelling in technical interviews—emphasizing regular practice with data structures and algorithms, problem-solving on online platforms, and sharpening explanation skills. Participants left with actionable tips and renewed confidence for interviews and industry challenges. The session ended with a lively Q&A, ensuring students' questions on both career preparation and core concepts were thoroughly addressed.

FDP Session: Recent Trends in IT - Day 3

The third session of the CESA-ACM Faculty Development Program, conducted on September 24, 2025, featured Ankush Pathak—Software Engineer at Chainguard and ex-Canonical & Facebook—as the keynote speaker. Addressing 100 participants, Mr. Pathak delivered an engaging talk on the intersection of Large Language Models (LLMs) and Cybersecurity, starting with the basics of software vulnerabilities caused by coding errors, misconfigurations, and design oversights.



He underscored the severe consequences such vulnerabilities can bring, from data leaks to full system compromise, and reviewed real-world attacks including Heartbleed, Spectre & Meltdown, Log4Shell, the xz Backdoor, and the npm supply chain attack.

Mr. Pathak also spotlighted the overwhelming volume of CVEs reported in 2024 and demonstrated collaborative GitHub remediation efforts. Concluding, he emphasized that while AI cannot replace human expertise in cybersecurity, it serves as a powerful assistant, boosting efficiency and productivity in the fight against growing cyber threats. The session concluded with a lively doubt discussion, providing valuable insights and answering participants' questions.

HACKTOBERFEST

HACKTOPIA

Hacktopia 2025, organized by PCCoE's ACM Student Chapter in collaboration with CESA-SDW, drew over 400 participants from colleges across India, making it a nationwide tech extravaganza. It began with an online round where teams tackled five diverse problem statements and submitted detailed solution presentations. The top 15 entries advanced to a high-stakes 24-hour onsite hackathon at PCCoE's Reading Hall, working through the night to turn their ideas into prototypes. The event celebrated collaboration and innovation, uniting some of India's brightest young talents to learn, compete, and build impactful technical solutions in a fast-paced environment.

ESCAPE ROOM

On October 11th, 2025, ACM and ACM-W student chapters at PCCoE collaborated with CESA to host "Hacktoberfest: Escape Room - Haunted Mansion." The event challenged students in two rounds—a logical reasoning and aptitude quiz followed by an offline maze and escape room where teams solved clues and puzzles in a haunted setup. With creative decorations, spooky music, and a total prize pool of ₹7000, the atmosphere matched the Haunted Mansion theme. Sponsored by Sanvi Infotech, the event sparked excitement, tested teamwork and problem-solving, and encouraged collaboration and leadership, strengthening student community and aligning with PCCoE's vision for holistic development.

HACKTOBERFEST

GIT & GITHUB

On October 4th, 2025, the PCCoE ACM Student Chapter hosted a Hacktoberfest GitHub Workshop in labs 6221 and 6222, led by Mr. Rushikesh Patil, Mr. Danish Sayyad, and Mr. Krushnakant Patil, with 70 students participating. The workshop equipped attendees with essential Git and GitHub skills for collaborative software development, covering topics like branching, pull requests, issue tracking, and merge conflict resolution. Hands-on demonstrations and interactive discussions introduced best practices and key commands, empowering students to confidently contribute to open-source projects and enhance their teamwork and development skills.

PROFILE BUILDING

On October 8th, 2025, the PCCoE ACM Student Chapter organized a Profile Building session at LRDC Hall, led by Dr. Ketan Desale, for over 90 participants. The event focused on creating and optimizing LinkedIn profiles, building strong portfolios, and showcasing skills for success in the tech industry. Dr. Desale emphasized networking, personal branding, and strategic content creation, sharing best practices for presenting projects and technical abilities. The interactive session helped students understand how to stand out to recruiters and build meaningful professional connections, empowering them as future-ready professionals

Hour Of Code

On September 30, 2025, the PCCOE ACM Student Chapter organized a mentorship and guidance session for 11th-grade students at AES Abasaheb Garware College, Pune, drawing over 50 participants. The session aimed to introduce students to the wide array of opportunities in computer science, blending academic insights with career-oriented advice.

Speakers offered structured presentations covering ACM's impact, the significance of technical growth, and emerging fields such as AI, Machine Learning, Data Science, and Cybersecurity. The interactive atmosphere encouraged students to ask questions and engage in meaningful discussions, making the event both lively and impactful. As a result, the session raised awareness around diverse tech domains and inspired students to think proactively about their academic and professional futures, reaffirming the ACM chapter's commitment to mentorship and knowledge sharing among young learners.

CESA
Computer Engineering
Student Association

acm-w
PCCOE

pccoeacmw

PCCOE ACMW
Student Chapter

ACM-W CORE

Sanskruti Dahiphale
(President)

Vaishnavi Kadam
(Vice President)

Saba Sayyad
(Management Executive)

Kamaaksha Kharul
(Secretary)

Utkarsha Zade
(Co-Secretary)

Sneha Ingale
(Treasurer)
(Marketing Head)

ACM-W CORE

Akanksha Kale
(Membership Chair)
(Marketing Head)

Dhanashree Sul
(Webmaster)

Akshata Majgaonkar
(Technical Head)

Trushita Sathe
(Technical Head)

Shweta Jadhav
(Technical Head)

Kartika Shah
(Design Head)

Diksha Rokade
(Social Media)

Sakshi Khairnar
(Social Media)

ACM INDIA SUMMIT-2024

PCCoE ACM-W chapter participated in ACM India Student Chapter Summit 2024, held on December 27-28, 2024, where they presented a paper on envisioning India in 2030: B.M.S. College of Engineering's Journey towards Sustainable Development Goals." The presentation highlighted PCCoE's collaborative efforts in achieving SDGs through innovative projects and initiatives, shaping a greener future. In collaboration with the Department of Computer Engineering and CESA, this achievement underscores their commitment to sustainability and engagement in national tech forums.

TECH FRONTIERS

Tech Frontiers 2024, organized by the PCCOE ACM-W Student Chapter on 28th December 2024, in the Department of Computer Engineering, was a poster and project presentation event showcasing research, creativity, and innovation by postgraduate students. Registration was compulsory for SY MTech and FY MTech students.

Coordinated by faculty members Dr. Aparna Joshi and Dr. Deepali Naik along with student coordinators Anil Pawar and Avinash Niture, the event successfully highlighted groundbreaking ideas and impressive designs, setting a strong benchmark for future academic events.

ESP SESSION- 1

The PCCOE CESA ACM-W Student Chapter organized an Eminent Speaker Program featuring Dr. Sriparna Saha, Associate Professor in the Department of Computer Science and Engineering at IIT Patna, on 27th January 2025. She delivered an insightful session on "Multimodal Summarization: Recent Trends and Applications," highlighting cutting-edge research and future directions in the field. Dr. Saha, an accomplished researcher with over 120 publications, author of a Springer-Verlag book.

ESP SESSION- 1

Recipient of prestigious awards including the Google India Women in Engineering Award (2008) and NASI Young Scientist Platinum Jubilee Award (2016), inspired attendees with her knowledge and expertise. The session was informative and engaging, offering valuable learning and inspiration to participants.

ESP SESSION- 2

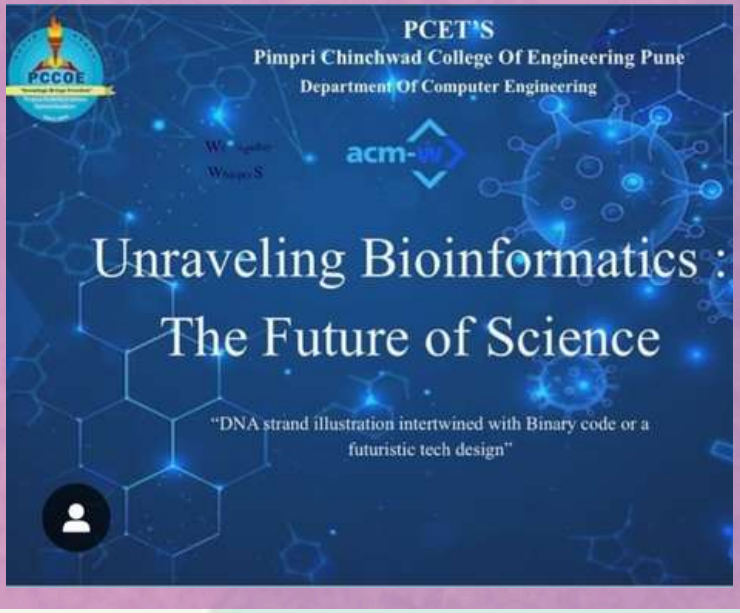
ACMW Student Chapter and CESA SDW hosted Dr. Karthika Vijayan, PhD in Speech Signal Processing from a Hyderabad university and ex-NUS research fellow, for a seminar on “Speech Recognition in Software Industry & Language Technology in Singapore” on Feb 24, 2025, urging attendees not to miss this insightful experience

Held an engaging "Agentic AI: The Whats, Whys, and Whats" session on Feb 27, 2025, with a panel of women experts sharing new views on self-improving AI, autonomy's next wave, and future knowledge exchange.

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, AI, 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.



ANANTYA 2025

InnovateX Project Report

The InnovateX project competition, held on March 8, 2025, as part of Anantya, was organized by CESA ACM-W. It provided final-year B.Tech students a platform to present innovative projects in teams of 3-4 members.
Participants demonstrated technical expertise, problem-solving skills, and creativity through impactful solutions. With a total prize pool of ₹13,000, the best projects were recognized and rewarded.
The competition promoted innovation, teamwork, and industry-level exposure, making it a valuable learning experience.Overall, InnovateX was a grand success, inspiring future engineers to excel in technology-driven problem-solving and pushing the boundaries of innovation.

ANANTYA 2025

Code Relay

The Code Relay competition, held on March 7, 2025, as part of Anantya, was organized by CESA ACM-W. This unique event encouraged teamwork and logical thinking, with teams of three students solving programming challenges in a relay format across three rounds.

Open to all students, the competition attracted around 150 participants who showcased their problem-solving abilities under time constraints. With a total prize pool of ₹10,000, the best-performing teams were recognized and rewarded.

ANANTYA 2025

The event successfully promoted coding efficiency, teamwork, and strategic thinking in a highly competitive setting. Code Relay was a resounding success, fostering a passion for coding and collaborative problem-solving among participants.

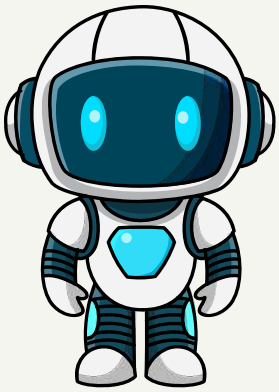
ANANTYA 2025

SHE SOLVES

She Solves Hackathon, organized by ACM-W, was an empowering multi-stage competition for female coders, focusing on Web and Android Development in Health, Education, and Women Empowerment.
The event featured three rounds: Ideation & Proposal Submission, where participants submitted innovative ideas; Online Hackathon , a 24-hour coding challenge with mandatory GitHub commits; and the Offline Hackathon, a 5-hour final coding session with live judging.

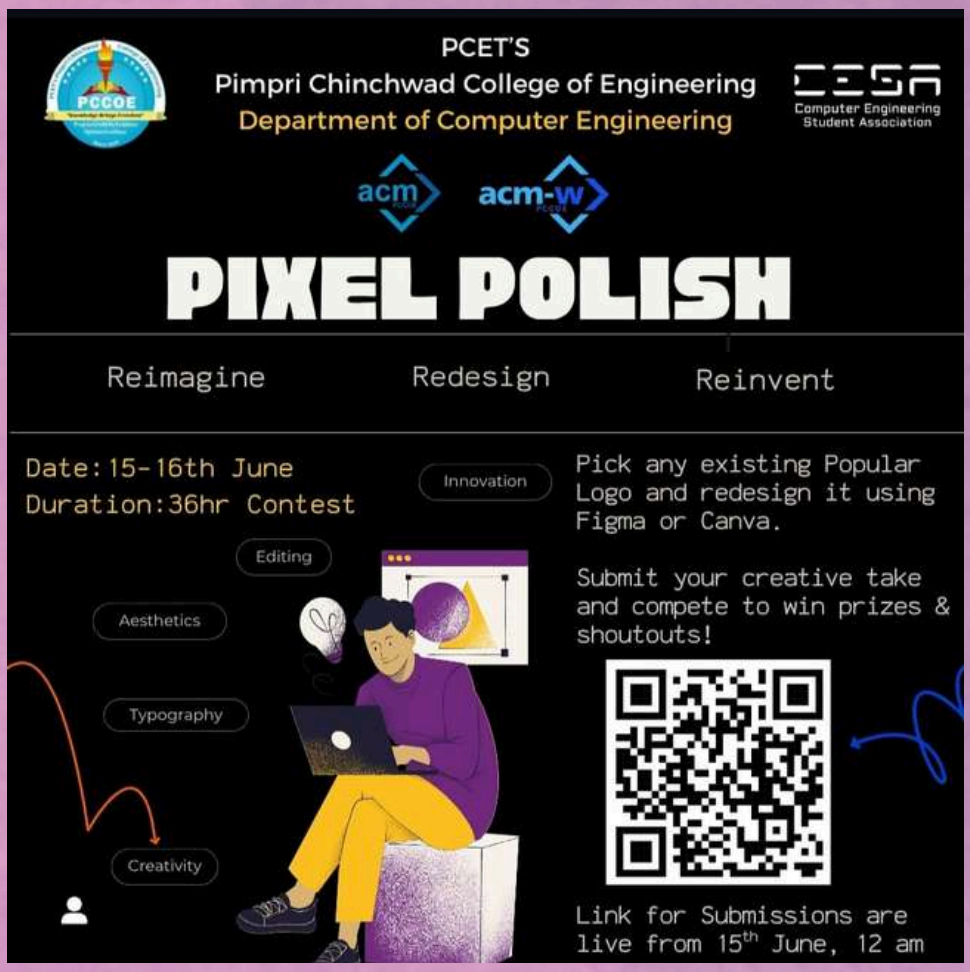
The hackathon promoted creativity, technical excellence, and teamwork, pushing participants to develop real-world solutions. With rigorous evaluation and competitive spirit, the best teams were celebrated for their outstanding projects.
Beyond coding, She Solves was a movement to empower women in tech, fostering innovation and confidence.

AI MEME CONTEST



Pimpri Chinchwad College of Engineering's ACM and ACM-W Student Chapters, along with CESA, launched the "AI Meme Contest: Turn Code Hard, Meme Harder" to blend AI fun with creativity. It challenges participants with "Can AI make you laugh?" by turning AI moments into standout memes, offering prizes. Themes include "Artificial Intelligence: College Life" and "Future Tech," open to all.

PIXEL POLISH



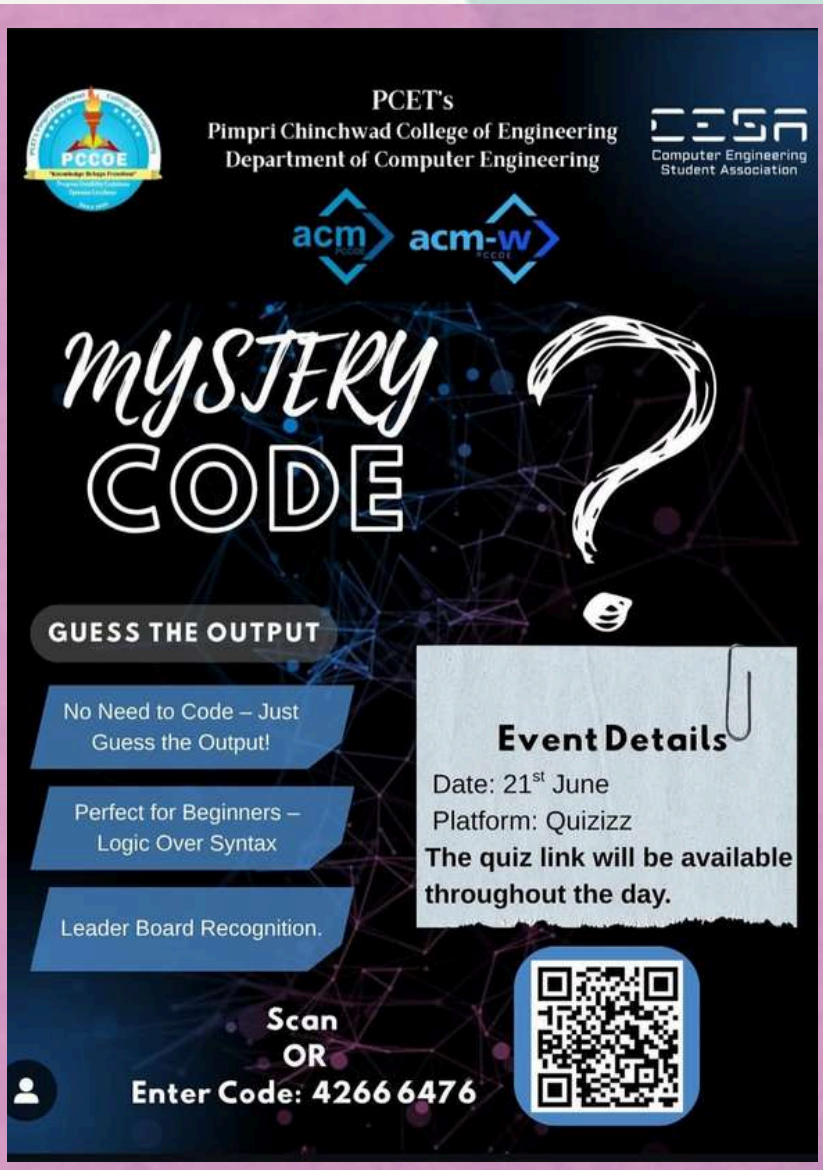
Pixel Polish is a 36-hour logo redesign contest hosted by the Department of CESA at Pimpri Chinchwad College of Engineering, in partnership with ACM and ACM-W chapters. The event, running from June 15-16, challenged participants to select any popular existing logo and reimagine it through creative elements like aesthetics, editing, innovation, and typography. Such contests sharpen graphic design skills, foster creativity, and are common in engineering colleges to build portfolios for tech and UI/UX careers.

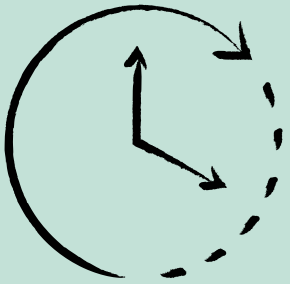
5.2 X GIT

Team CESA-SDW PCCoE ACM Student Chapter introduced 5.2xGit, a beginner-friendly open-source initiative designed to help students start their journey in real-world contributions and collaborative coding. The program features a five-repository contribution activity aimed at building hands-on experience in Git and GitHub, making first open-source contributions, exploring diverse topics, and collaborating with peers.

Open to both beginners and enthusiasts, the contribution period was scheduled from 20th to 25th June, encouraging students to upskill, grow, and actively participate in the open-source community.

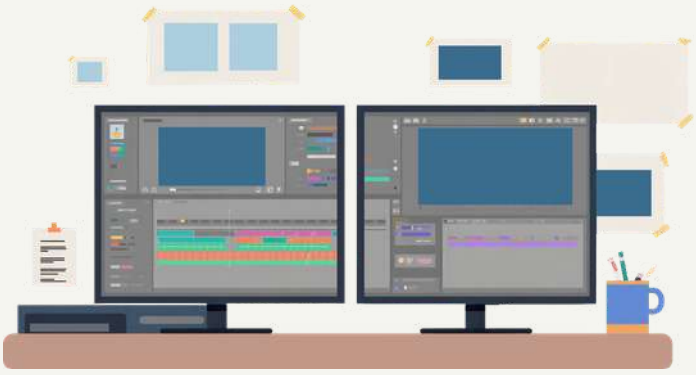
MYSTERY CODE





Team CESA-SDW PCCoE ACM Student Chapter introduced Mystery Code, a fun debugging quiz event designed to test students' logical thinking in real-world coding scenarios without actual execution. The program features tricky code snippets in C++ and Python where participants predict correct outputs and explain underlying logic, aimed at sharpening analytical skills and problem-solving abilities. It encourages both beginners and coding enthusiasts to join from anywhere and engage in this thinking challenge.

RE- VISION



Team CESA and ACM-W at PCCoE, in collaboration with CEGAI, introduced UI/UX Vision 2029, a dynamic design showcase event designed to empower students in showcasing their creativity in app and UI design. The program features demonstrations of innovative UI/UX concepts, aesthetics, and features, aimed at gaining recognition, prizes, and mentorship through official shoutouts. Open to all enthusiasts from the Department of Computer Engineering, encouraging participants to shine and express their design instincts.

TY RECRUITMENT

TY Recruitment Drive 2025: Cultivating the Next Wave of Leaders

The TY Recruitment Drive 2025, conducted by ACM-W PCCOE in collaboration with CESA, was held offline from July 16 to 28, 2025, at Pimpri Chinchwad College of Engineering. The event aimed to appoint the new core committee for the academic year 2025-26, providing third-year students a structured platform to display leadership, communication, and teamwork abilities.

The multi-stage selection process, supervised by outgoing core members, focused on evaluating teamwork, responsibility, and previous contributions to club activities. Faculty mentor Aparna Ma'am offered valuable mentorship, emphasizing discipline, initiative, and the importance of effective leadership. The concluding stage featured interviews led by the Head of Department, selecting the President and Vice President based on vision and strategic planning capabilities.

The recruitment drive stood out for its transparency and holistic evaluation. It inspired participants to embrace responsibility and collaboration, ultimately forming a motivated new ACM-W PCCOE × CESA Core Committee poised to lead student innovation and club initiatives in the coming year.

CESA INDUCTION

CESA Induction 2025-26: Inspiring New Leaders

The CESA Induction Event for the academic year 2025-26 was held offline on September 29, 2025, at the Seminar Hall of the Architecture Building, marking a grand inauguration for the Computer Engineering department's student community at PCCOE. The ceremony began with the auspicious lighting of the lamp by the chief guest, Dr. Shitalkumar Adhar Rawandale, Head of Department, along with the Dean of the SDW cell and faculty members, signifying the start of a new academic and leadership journey.

The event introduced attendees to CESA's mission, vision, and its various active clubs that encourage technical and cultural growth among students. The former president delivered an inspiring address reflecting on his leadership experience and the notable achievements of the ACM club under his tenure. His speech motivated the audience to uphold a sense of responsibility and innovation in all upcoming initiatives.

CESA INDUCTION

An engaging interaction with the chief guests added great value to the induction, as Dr. Rawandale and the Dean shared their insights on leadership, academic excellence, and career growth. Their words encouraged students, especially second-year aspirants, to balance academics and extracurricular pursuits while developing professional and interpersonal skills.

A special felicitation ceremony followed, where new CESA members were welcomed by the outgoing committee, symbolizing a seamless transition of leadership. Newly appointed club presidents presented their strategic goals and action plans for the year, emphasizing collaboration, event-driven learning, and student engagement to enhance the department's culture of excellence.

The ceremony concluded with a solemn oath-taking ritual, where the new office bearers pledged their dedication to teamwork and service. A heartfelt vote of thanks acknowledged everyone's contributions, followed by a soulful Vandana that brought a graceful end to the event. With around 250 attendees, the induction not only celebrated new beginnings but also reinforced the principles of leadership, responsibility, and unity within the Computer Engineering community at PCCOE.

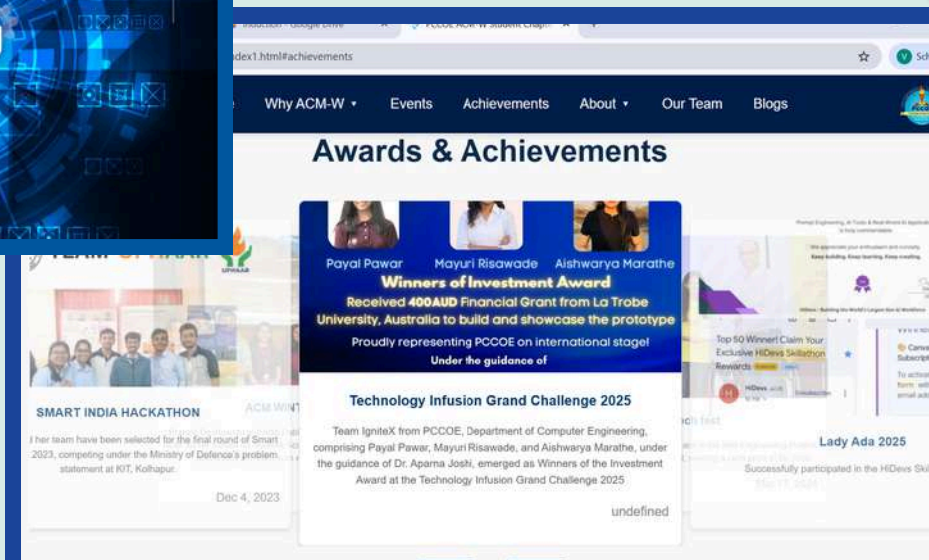
WEBSITE IMPROVEMENT DISCUSSION

Website Improvement Discussion: Enhancing Club Presence

On August 4, 2025, ACM-W PCCOE and CESA organized an offline Website Improvement Discussion to modernize the club's online platform. Webmasters and design team members reviewed the current site's structure, usability, and UI/UX, focusing on smoother navigation, updated event archives, and improved performance.

Participants planned a redesigned layout with interactive features to boost engagement. The event, attended by 10 members, fostered collaboration between design and development teams, advancing technical and creative problem-solving skills.

This discussion laid the groundwork for a dynamic, responsive, and user-friendly website to support club activities in the upcoming year.



SY RECRUITMENT

SY Recruitment Drive 2025: Empowering Emerging Talent

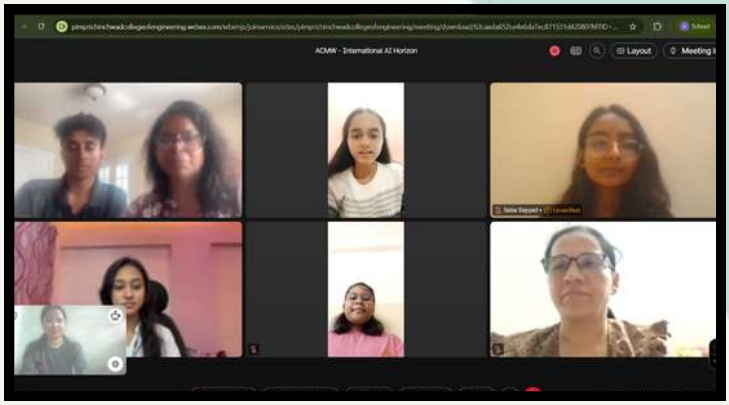
The SY Recruitment Drive by ACM-W PCCOE, held in collaboration with CESA from August 11 to 19, 2025, aimed to bring second-year students into technical and creative roles within the club through both online and offline processes. Candidates participated in multiple selection rounds, including application screening, domain-specific creative tasks, and a final interaction to assess communication and leadership skills. Attracting around 90 students, the event encouraged teamwork and innovation, enriching ACM-W PCCOE and CESA with fresh talent for the 2025-26 academic year.

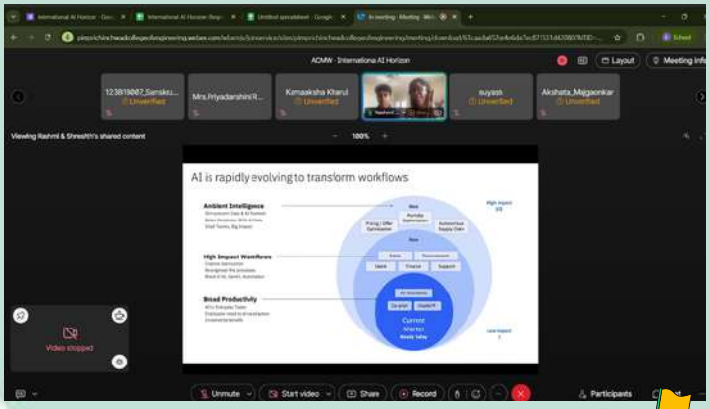
SY RECRUITMENT

The multi-stage selection process began with an initial screening of applications to understand participants' interests and prior experience. In the subsequent technical rounds, candidates were given domain-based tasks that tested practical skills: the Design Team created event posters and visually engaging content; Webmasters developed mini web pages to showcase their web development expertise; and the Visual Media Team edited short videos and produced creative digital media pieces. The final interaction round evaluated communication abilities, problem-solving, and leadership potential to identify well-rounded individuals.

With nearly 90 applicants, the recruitment drive successfully promoted teamwork, innovation, and creative expression among the new recruits. It strengthened the foundation of ACM-W PCCOE and CESA by infusing fresh perspectives and technical excellence, ultimately paving the way for a dynamic and collaborative year ahead in the 2025-26 academic session.

INTERNATIONAL AI HORIZON





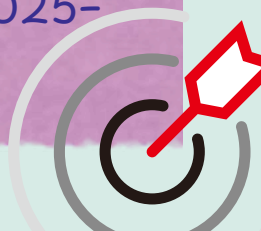
International AI Horizon: Shaping Tomorrow's Work
On August 17, 2025, PCCOE ACM-W, in collaboration with Team CESA SDW, hosted an insightful international online session titled "International AI Horizon: Shaping Tomorrow's Work." The event explored how Artificial Intelligence is transforming industries, creating new career opportunities, and redefining the future workforce.

Distinguished speakers included Shreshth Rajan, a Harvard student specializing in Math and Philosophy and AI researcher at Pillar, and Rashmi Das, a veteran US banking industry leader with 27 years of expertise in AI, hybrid cloud, and quantum computing. They shared valuable perspectives on the global AI ecosystem, strategies to stay relevant, and the evolving AI-driven career landscape.
Attended by 50 students from PCET, the session provided a global perspective on AI's impact, inspiring participants to prepare for technological advancements shaping tomorrow's professional world.

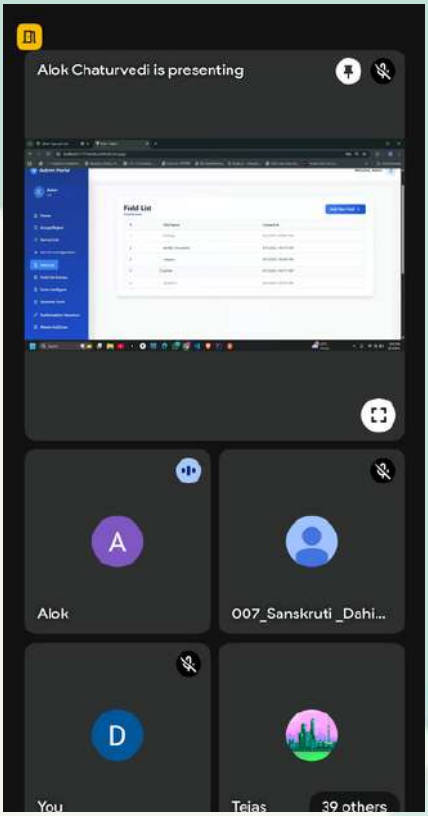
SY-TY ORIENTATION

The SY-TY Orientation Program 2025-26, organized by ACM-W PCCOE in collaboration with CESA on August 21, 2025, served as an enthusiastic welcome for second-year students joining the ACM-W and CESA community. The event introduced attendees to the clubs' vision and activities, highlighting signature events like TechShakti, SmartMind, the SIH Awareness Campaign, and Eminent Speaker sessions. These initiatives, along with insights into the organizational structure, showcased the clubs' commitment to fostering skill development, innovation, and a vibrant student culture.

Senior TY coordinators shared personal experiences, encouraging new members to contribute ideas and develop vital teamwork and leadership abilities. With about 45 attendees, the orientation successfully inspired students and built a sense of community, motivating them to actively engage in upcoming events and initiatives throughout the 2025-26 academic year.

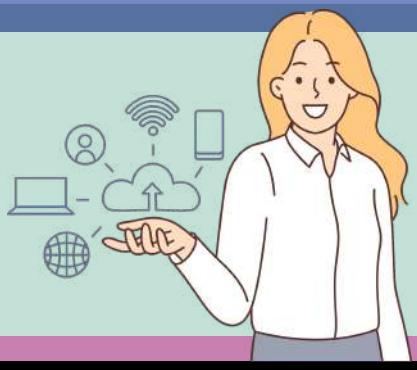


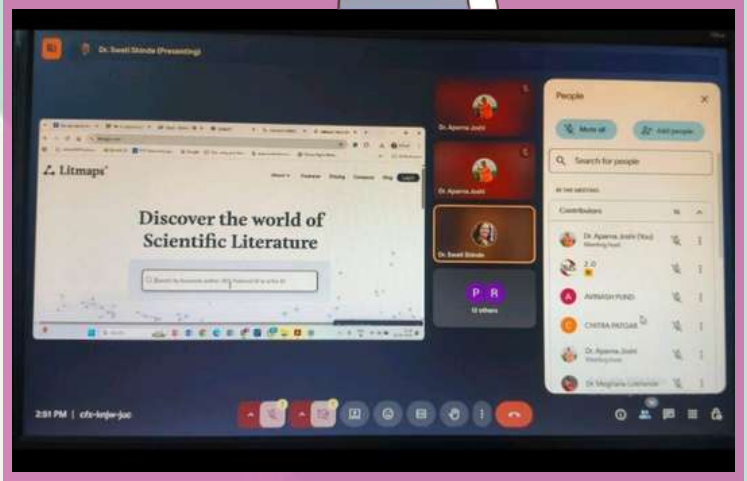
SIH AWARENESS SESSION



The SIH Awareness Campaign, held online on September 1, 2025, was organized by ACM-W PCCOE along with CESA and the Computer Engineering department to introduce students to Smart India Hackathon (SIH) 2024. Guest speakers Mr. Tejas Bhangale and Mr. Alok Chaturvedi, SIH 2024 winners, shared practical strategies on team formation, problem-solving, and project presentation, inspiring attendees to innovate and participate in the national competition. The event provided insight into SIH stages and idea submission, encouraging students to harness collaboration and creativity for academic and professional growth

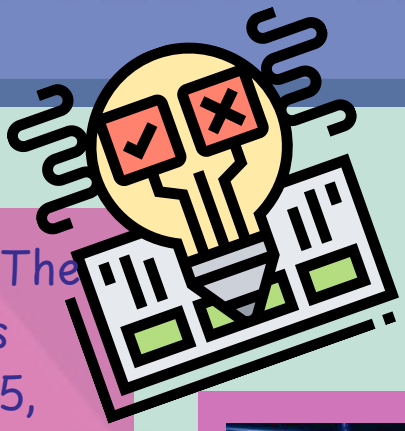
SESSION BY SWATI SHINDE MA'AM



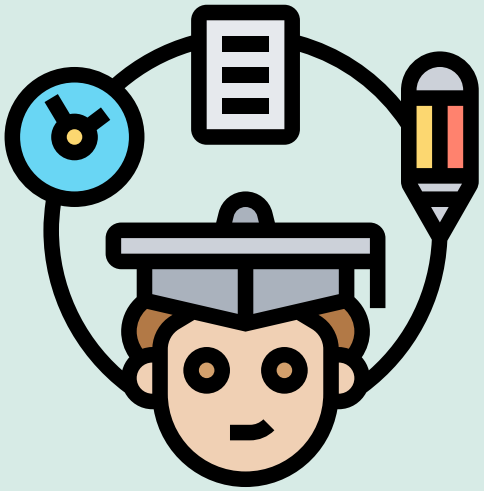


The Expert Session on "Smart Writing: Navigating AI Tools for Research Papers" was held online on September 3, 2025, organized by the PCCOE ACM-W Student Chapter for PG and PhD scholars. Dr. Swati Shinde, Professor & Dean (MIS) at PCCoE, introduced various AI tools used for literature search, summarization, drafting, and refining research papers, while emphasizing ethical and original academic writing. The session provided practical guidance to improve clarity, structure, and effectiveness in research writing, empowering scholars to use AI responsibly and enhance the quality and productivity of their research work.

APTITUDE TEST- ONLINE

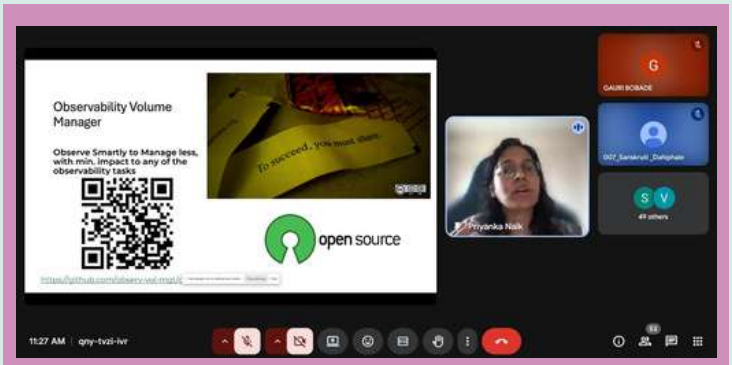


The online aptitude test "The Ultimate Brain Race" was conducted on September 5, 2025, by the Department of Computer Engineering in collaboration with ACM-W PCCOE, ACM PCCOE, and CESA. Held on the Wayground platform, it featured 20 aptitude questions to be solved in one hour, testing students' logical reasoning, problem-solving, and quantitative skills. A total of 97 students participated enthusiastically, motivated by exciting prizes and ACM memberships. The event successfully enhanced students' critical thinking, time management, and engagement with academic societies, promoting a spirit of learning and healthy competition.



ESP SESSION

The Eminent Speaker Program titled "Demystifying System Research" was held online on September 13, 2025, organized by ACM-W PCCOE in association with CESA and the Department of Computer Engineering, PCCOE. The session was conducted by Ms. Priyanka Naik, a Research Scientist at IBM India Research Lab, who shared insights from her experience and Ph.D. work at IIT Bombay. She emphasized the importance of system research in technological innovation and guided students on beginning their own research journeys, especially in AI and Machine Learning. The event inspired participants to pursue research and innovation, offering valuable exposure to industry-level practices and career opportunities in emerging tech fields.



REVERSE CODING CHALLENGE

The Reverse Coding Challenge was conducted online on September 13, 2025, by ACM-W PCCOE, ACM PCCOE, and CESA via HackerRank. The event encouraged students to think creatively by solving problems using a reverse-thinking approach, aligning with the theme "Think Backwards, Code Forward!" A total of 83 students participated enthusiastically, sharpening their algorithmic and problem-solving skills. Winners received ACM memberships and tech goodies, fostering motivation and active engagement in the college's technical communities while promoting innovative approaches to coding.

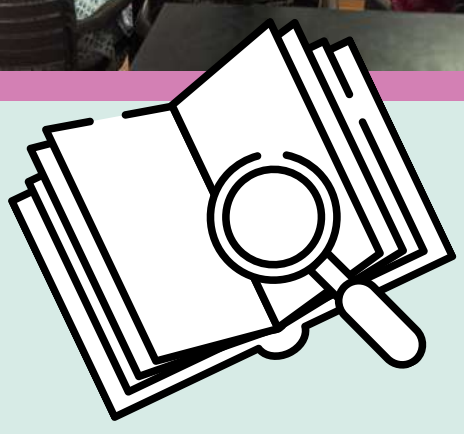
ENGINEER'S DAY -TECHSHAKTI

TechShakti - National Level Technical Seminar and Paper Presentation, held in two rounds during September 2025, was a prestigious event organized by ACM-W PCCOE in collaboration with CESA and the Department of Computer Engineering at Pimpri Chinchwad College of Engineering. The first round took place online until September 8, while the second round was conducted offline on September 15 at PCCOE, attracting participants from across India. This structure allowed wide participation and ensured a comprehensive evaluation of innovative ideas.

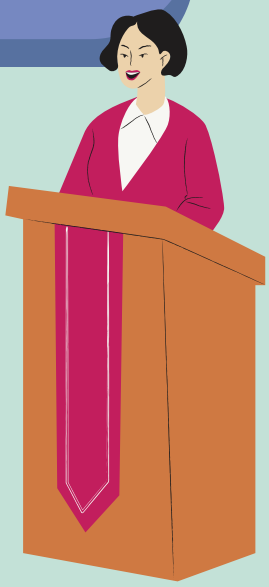
ENGINEER'S DAY -TECHSHAKTI

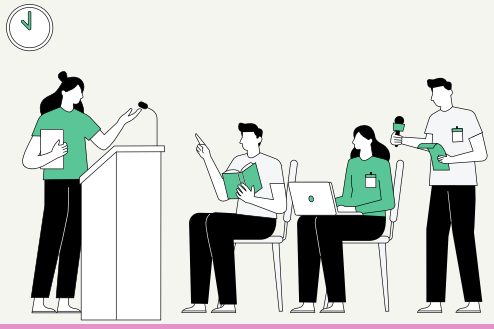
The competition provided a valuable platform for teams of 3 to 4 members to present their research and technical innovations. It encouraged creativity, technical expertise, and research skills while helping participants improve their technical writing and presentation capabilities. The collaborative environment and competitive spirit of this national event gave students firsthand experience in handling rigorous academic and technical contests.

Winners of the event were awarded ACM memberships and exciting goodies, while all participants received certificates recognizing their efforts. TechShakti successfully fostered a culture of innovation, teamwork, and technical excellence, inspiring students to explore new engineering solutions and strive for research excellence throughout the academic year 2025-26. This event stands as a notable achievement in promoting technical proficiency and scholarly growth at PCCOE.



LADY ADA CONTEST AWARENESS SESSION





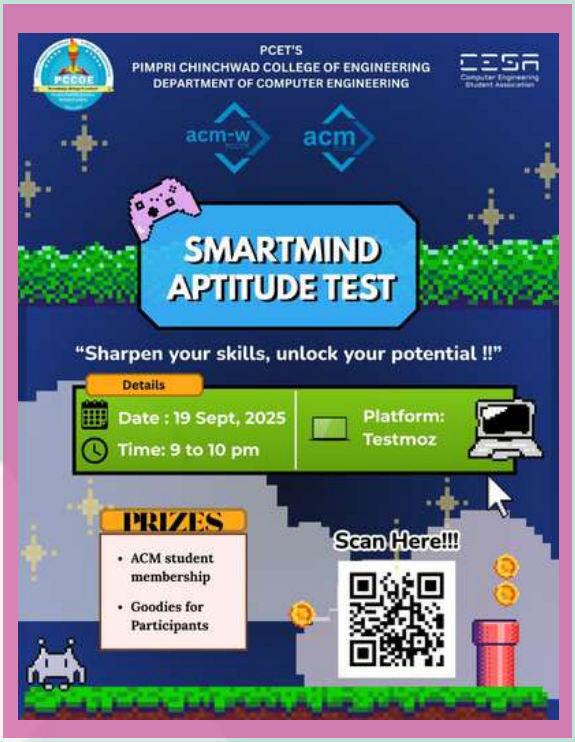
The Lady Ada Contest Session – "A Step into Innovation" was held online on September 17, 2025, organized by ACM-W PCCOE in association with CESA and the Department of Computer Engineering, PCCOE, as part of ACM-W India's national-level flagship event promoting women in technology. Ms. Shreya Joshi from Google, a Lady Ada finalist, shared her journey and valuable insights on project preparation and competition strategies. The session inspired female students to participate confidently in the Lady Ada coding contest, encouraging innovation, teamwork, and leadership in tech. It also emphasized the importance of women's representation and growth in the national technological landscape.

APTITUDE TEST ONLINE (SMART MIND)

The "SmartMind Aptitude Test," organized by ACM-W PCCOE in association with CESA and the Department of Computer Engineering at Pimpri Chinchwad College of Engineering, was held online on September 19, 2025, on the Testmoz platform. The event aimed to sharpen students' logical reasoning, problem-solving, and quantitative skills through challenging aptitude questions designed for academic excellence and competitive spirit.

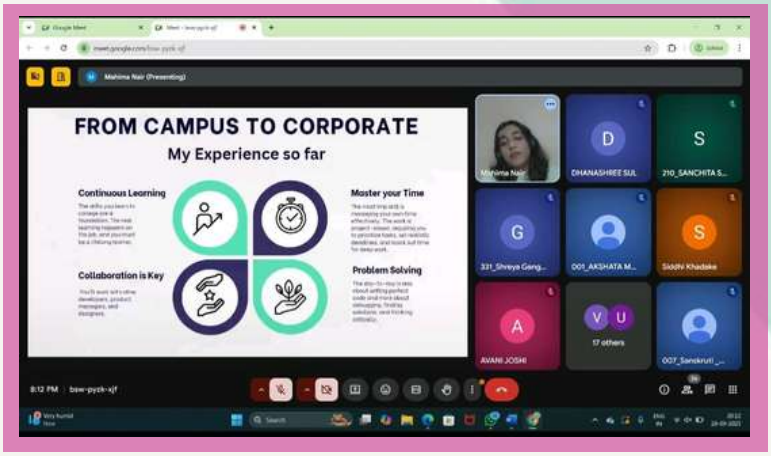
A total of 106 students from PCCOE participated in this event, which was conducted as a one-hour timed test. The objective was to enhance their analytical abilities and boost confidence in tackling fast-paced aptitude challenges.

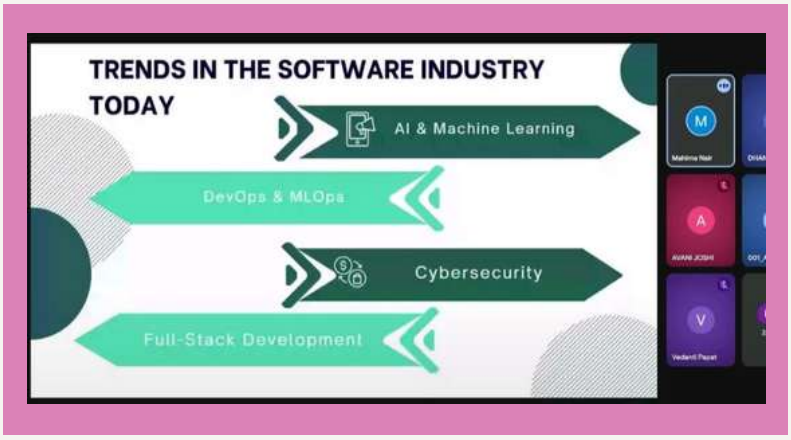
Attractive prizes such as ACM Student Memberships and goodies were awarded to top performers, and certificates of participation were given to all contestants.



This event provided participants with invaluable practice in logical reasoning and quantitative aptitude, preparing them for future technical competitions and interviews. The success of the SmartMind Aptitude Test encouraged a culture of continuous learning, teamwork, and competitive excellence among the students of PCCOE

FDP SESSION 1- MAHIMA NAIR





The Faculty Development Program (FDP) on "Recent Trends in Industry" was conducted online on September 20, 2025, organized by ACM-W PCCOE in collaboration with CESA and the Department of Computer Engineering, PCCOE. The session was led by Ms. Mahima Nair, Associate Software Engineer at Dassault Systems, who shared her professional experiences and insights on emerging technologies and industry practices. She highlighted the evolving role of women in tech and the importance of staying updated with trends for career growth. The interactive session enhanced participants' understanding of industry challenges and opportunities, promoting continuous learning and skill development in the fast-changing IT landscape.

FDP SESSION 1 - PRANJALI DESHPANDE

The FDP Session on Recent Trends in Industry, held online on September 27, 2025, was organized by ACM-W PCCOE in association with CESA and the Department of Computer Engineering at Pimpri Chinchwad College of Engineering. The session was led by Ms. Pranjali Deshpande, an incoming Software Engineer at Capgemini, who shared her career journey, industry insights, and motivational perspectives on the role of women in technology.

Ms. Deshpande provided attendees, including students and faculty, with a thorough understanding of current IT industry practices, emerging technologies, and the skills required to excel professionally. Her session emphasized the importance of continuous learning to stay updated in the rapidly evolving tech landscape. Participants were inspired by her experiences and encouraged to explore diverse career opportunities in the IT sector.

This session successfully enhanced awareness of industry trends and motivated the community to embrace innovation and professional growth in their careers.

APTITUDE TEST ONLINE (CODESPRINT)

CodeSprint, organized by ACM-W PCCOE in collaboration with CESA and the Department of Computer Engineering at Pimpri Chinchwad College of Engineering, was held online on September 30, 2025, via the HackerRank platform. This competitive coding event challenged participants to demonstrate their problem-solving and programming skills under a strict one-hour time limit.

The competition focused on strengthening logical thinking, algorithmic proficiency, and coding efficiency. It provided students with valuable exposure to real-world coding challenges, boosting their confidence and employability skills. Winners were awarded ACM Student Memberships and exciting goodies, encouraging active participation and continuous practice in competitive programming. With enthusiastic involvement, CodeSprint successfully enhanced technical knowledge while motivating students to engage regularly in coding contests, fostering a culture of excellence and readiness for technical careers.

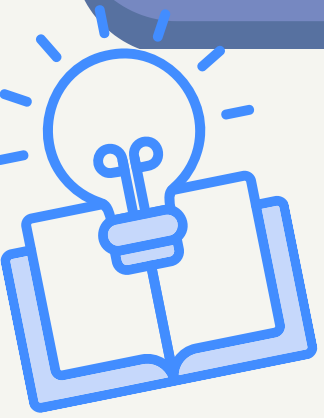
HER HACK HOUR

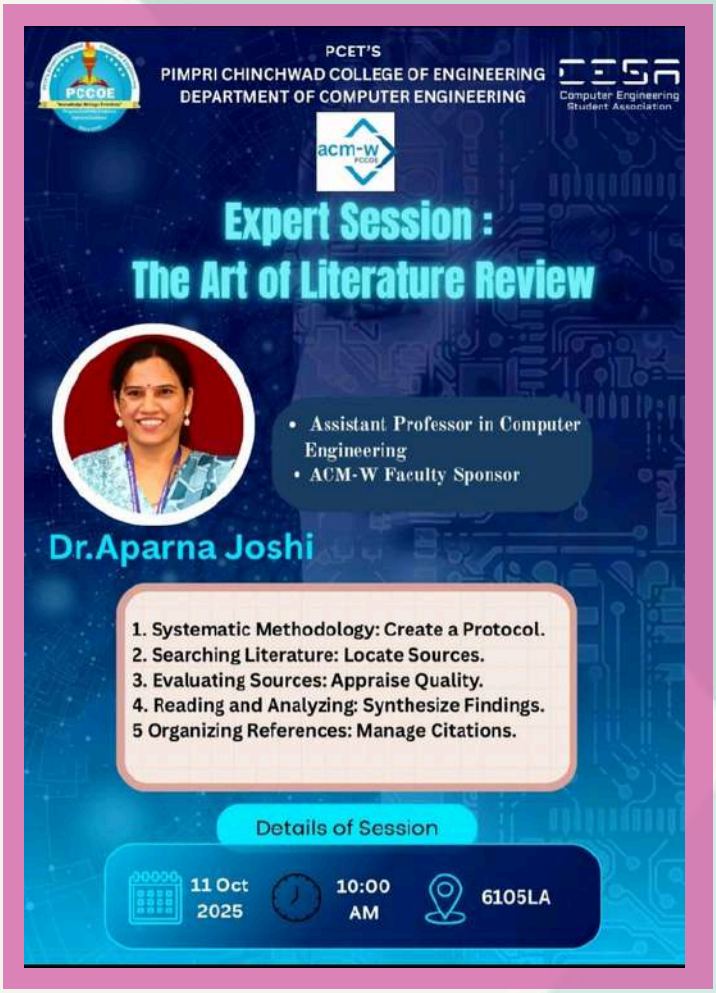
Her Hack Hour 2.0, organized by ACM-W PCCOE in collaboration with CESA, was held on October 10, 2025, in Labs 6221 and 6222. The event aimed to empower female students by providing a platform to showcase their programming skills in a competitive, time-bound environment. The competition challenged participants to solve coding problems within one hour, fostering logical reasoning, accuracy, and efficiency.

HER HACK HOUR

With enthusiastic participation from 52 girl students across SY and TY, the event promoted confidence, teamwork, and coding enthusiasm among women in technology. Winners received ACM Memberships and exciting goodies, while all participants were recognized with certificates.

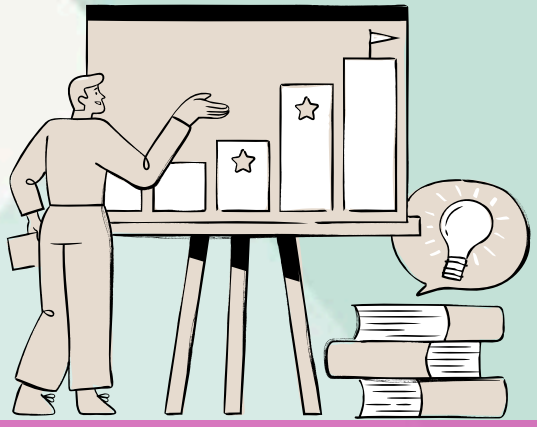
EXPERT SESSION





The Department of Computer Engineering at Pimpri Chinchwad College of Engineering, in association with ACM-W PCCOE and CESA, organized an expert session titled "The Art of Literature Review" on October 11, 2025, at 10:00 AM in room 6105LA. The session was conducted by Dr. Aparna Joshi, Assistant Professor in Computer Engineering and ACM-W Faculty Sponsor. It aimed to equip students and research scholars with a systematic understanding of how to conduct a literature review, covering essential aspects such as developing review protocols, locating and evaluating reliable sources, synthesizing findings, and managing citations.

EXPERT SESSION



Through practical demonstrations and structured explanations, Dr. Joshi guided participants in refining their research methodologies, improving citation management, and enhancing the overall quality and credibility of their academic and project work. The session significantly contributed to strengthening research awareness and writing competence among attendees, encouraging a more analytical and professional approach to literature review and academic documentation.

PCET's
Pimpri Chinchwad College of Engineering , Pune
Department of Computer Engineering

Computer Engineering Student Association

OWASP PCCOE

MEET OUR TEAM

Aaryan Bhujan
Lead

Zeeshan Siddique
Co-Lead

Khush Paliwal
Treasurer

Kanchan Shendge
Secretary

Rudraksh Charhate
Security Head

Pushkar Kirange
Web-Dev Head

Pruthviraj Mule
Management Head

Aditya Hazare
Management Head

Yuvraj Singh
Marketing Head

Sai Veer
Marketing Head

Keshav Thakur
Content & Design Head

Sneha Nalawade
Content & Design Head

BYTE ME CTF

Sher-Lock 3.0 proved to be an exciting and intellectually engaging event that combined creativity, teamwork, and strategic thinking in a unique competitive experience. Designed to go beyond conventional competitions, the event encouraged participants to collaborate, analyse clues, and apply logical reasoning while adapting to dynamic challenges.

The competition created an immersive atmosphere filled with curiosity and suspense, keeping participants actively involved throughout. By integrating both digital and real-world elements, the event offered a refreshing mix of problem-solving and interactive gameplay, allowing teams to showcase their coordination, quick decision-making, and innovative thinking. With enthusiastic participation and high energy, Sher-Lock 3.0 successfully fostered collaboration and critical thinking among students. More than just a competition, it became a memorable learning experience that celebrated curiosity, teamwork, and the spirit of exploration.

BYTE ME CTF

ByteMe, a Capture the Flag (CTF) competition held in 2025, brought together cybersecurity enthusiasts for an engaging and hands-on technical experience. Designed to test skills in ethical hacking, problem-solving, and digital forensics, the event encouraged participants to apply their cybersecurity knowledge in a competitive environment.

Open to teams of two, the competition promoted teamwork, analytical thinking, and practical learning through a series of cybersecurity challenges across multiple domains. The event witnessed enthusiastic participation, with teams showcasing strong technical abilities and strategic thinking throughout the competition. ByteMe successfully created a dynamic learning platform, offering participants valuable exposure to real-world cybersecurity concepts while fostering curiosity and innovation within the student community.

CYBERXPLORE

On August 26, 2025, the OWASP Student Chapter organized CyberXplore, engaging second-year Computer Engineering students in an immersive introduction to cybersecurity. Designed as a foundation-building initiative, the event seamlessly blended conceptual understanding with experiential learning, ensuring that participants gained both clarity and confidence in the domain.

Speakers highlighted diverse career pathways within the field ,including ethical hacking, penetration testing, digital forensics, security analysis, and governance - along with globally recognized certifications such as CompTIA Security+.

Participants were also introduced to CTF fundamentals, followed by mini-CTF challenges that tested their logical reasoning, analytical thinking, and problem-solving skills.By bridging academic concepts with industry-aligned practices, the initiative successfully laid a strong foundation for aspiring cybersecurity professionals

CYBERXPLORE

On August 26, 2025, the OWASP Student Chapter organized CyberXplore, engaging second-year Computer Engineering students in an immersive introduction to cybersecurity. Designed as a foundation-building initiative, the event seamlessly blended conceptual understanding with experiential learning, ensuring that participants gained both clarity and confidence in the domain.

Speakers highlighted diverse career pathways within the field ,including ethical hacking, penetration testing, digital forensics, security analysis, and governance - along with globally recognized certifications such as CompTIA Security+.

Participants were also introduced to CTF fundamentals, followed by mini-CTF challenges that tested their logical reasoning, analytical thinking, and problem-solving skills.By bridging academic concepts with industry-aligned practices, the initiative successfully laid a strong foundation for aspiring cybersecurity professionals

ENGINEERS DAY BOOTCAMP

On the occasion of Engineer's Day, 15th September 2025, the OWASP Student Chapter PCCoE successfully organized the Engineer's Day Bootcamp on Cybersecurity & Ethical Hacking.The session was conducted by Mr. Omkar Pote, a distinguished Cybersecurity Professional and Industry Expert, who introduced participants to the practical landscape of Red Teaming, emerging cybersecurity trends, and Web Application Penetration Testing.

Hands-on exposure to tools like Burp Suite helped participants understand reconnaissance, vulnerability assessment, and ethical testing methodologies. The bootcamp strongly emphasized responsibility and ethics, reinforcing that cybersecurity is about structured defense and protection, not just hacking. Overall, the event served as both a skill-enhancement initiative and a professional orientation toward future careers in cybersecurity.

CYBERKAVACH 2025

On September 19, 2025, the OWASP Student Chapter at PCCOE unveiled CyberKavach 2025 with a captivating inauguration ceremony inspired by the "Stranger Things" theme. Held at the 6th Building Entrance Area, the event drew nearly 100 faculty members, students, and distinguished guests, transforming the campus space into a suspense-filled digital arena. With hacker-themed attire, dim lighting effects, eerie background music, and creatively designed props symbolizing the "Upside Down" of cyberspace, the launch created a powerful metaphor for hidden digital threats lurking beneath the surface of the internet.

The immersive atmosphere was carefully crafted to represent the unseen vulnerabilities of the digital world, aligning perfectly with the mission of CyberKavach 2025 to strengthen awareness, resilience, and technical expertise in cybersecurity. The event concluded with a formal ribbon-cutting and the official declaration of CyberKavach 2025 open , marking the beginning of a dynamic journey dedicated to uncovering hidden digital dangers.

CYBERSECURITY CONFERENCE 2025

The Cybersecurity Conference 2025 transformed traditional academic engagement into a multi-dimensional professional ecosystem, creating a dynamic space where learning, innovation, and collaboration seamlessly converged. The event brought together insightful keynote addresses, an interactive project expo, and a high-intensity live CTF competition under one roof, offering participants a holistic cybersecurity experience.

Distinguished speakers from academia and industry delivered thought-provoking sessions on emerging trends such as ethical hacking, AI-driven security, cloud vulnerabilities, digital forensics, and the evolving threat landscape. This significantly expanded student outreach, cultivated professional networking opportunities, and reinforced a culture of cybersecurity excellence within the academic community.

PCCOE X COEP

The OWASP Student Chapter PCCoE, in collaboration with COEP Cybercell, successfully organized a session titled "Wi-Fi Hacking: Into the Wireless Unknown" on 25th September 2025 at the COEP Technological University Mini Auditorium. The session, delivered by Aaryan Bhujang and Rudraksh Charhate, offered an insightful exploration into the world of wireless security.

Covering the fundamentals of cybersecurity, the psychology behind social engineering, the speakers provided practical knowledge backed by real-world examples.

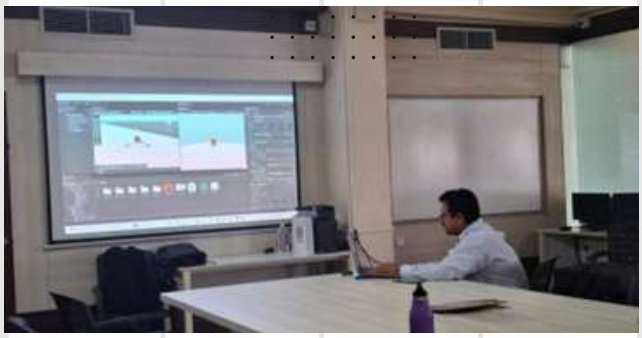
Additionally, the speakers guided students on emerging career opportunities in domains such as ethical hacking, security analysis, digital forensics, and penetration testing, inspiring many to explore this rapidly evolving field. The event witnessed enthusiastic participation, interactive discussions making it an engaging and impactful learning experience that successfully blended theoretical understanding with practical cybersecurity awareness.


GDGC PCCOE

GDGC

ARVR Workshop

The Department of Information Technology and Computer Engineering, under the banner of the Google Developer Group Campus (GDGC), organized an AR/VR Workshop on 23 September 2025 at the IoT Lab (5406)



This institute-level activity was attended by 40 students, mainly from the second and third year of the IT department. The workshop aimed to introduce students to the concepts of Augmented Reality (AR) and Virtual Reality (VR) and to help them understand their real-world applications in fields such as gaming, simulation, healthcare, and education.

The session was conducted by Dr. Rahul Ray, a distinguished faculty member from FLAME University, who has extensive experience in immersive technologies and creative computing and also holds several patents in this domain. During the session, Dr. Ray explained the fundamental concepts of AR and VR and highlighted their growing importance in various industries. A key highlight of the workshop was the hands-on training using Unity, a popular platform for game and AR/VR development, where participants were introduced to the basics of scene creation, asset management, and interaction design. Dr. Ray demonstrated the step-by-step process of creating a simple virtual environment, which helped students understand how immersive digital experiences are developed

Students also got the opportunity to experience Virtual Reality through VR headsets, allowing them to observe how virtual environments respond to user movements and interactions, giving them a real sense of presence in a digital world. The workshop was highly interactive, with Dr. Ray encouraging students to ask questions and actively participate throughout the session. The event concluded with an interactive Q&A session, where students shared their experiences and discussed potential career opportunities in AR/VR and game development. Overall, the workshop was informative and engaging, inspiring students to explore immersive technologies further.

GDGC

MINEVISION

The Google Developer Group on Campus (GDGC) organized MineVision – Project Showcase Competition 2025 on 17 September 2025 as an Institute Level activity in collaboration with ITSA, MLSC, and IEEE under Abhidnya 2.0. The event aimed to promote innovation, practical problem-solving, and interdisciplinary engagement among students.

It provided a platform for participants to present their technical solutions to real-world challenges, encouraging them to move beyond theoretical learning toward practical implementation and impact. The competition also focused on developing creativity, communication skills, and product-thinking among students.

MineVision 2025 was conducted in two rounds. The first round involved online idea submission where 17 teams registered by submitting abstracts, images, and demo links. Based on innovation, feasibility, and relevance, 7 teams were shortlisted for the final round.
The second round was the on-campus project showcase held in Room 5401, beginning at 10:00 AM, with teams reporting by 9:30 AM. Shortlisted teams presented their projects to a panel of judges, explaining the problem statement, solution, technology stack, key features, and potential impact, followed by a Q&A session. The event concluded with a Valedictory Session at 2:00 PM where the winners were announced. Overall, 12 teams participated, 7 reached the final round, and 3 teams were declared winners.

The judging panel consisted of Dr. Gulbakshee Dharmale, Professor in the Department of Information Technology, and Mrs. Rakhi Pagar, Assistant Professor, who evaluated the projects and provided valuable feedback to the participants. MineVision 2025 successfully created an environment that encouraged innovation, collaboration, and peer learning. The event motivated students to take initiative, develop real-world applications, and think critically about the role of technology in addressing modern challenges, thereby strengthening the culture of project-based learning and innovation on campus.

GDGC

INDUCTION 2025

The Department of Information Technology organized the Google Developer Group on Campus (GDGC) Induction Program 2025 on 23 September 2025 as an Institute Level activity to welcome new students and introduce them to the GDGC community. The event aimed to familiarize students with GDGC's vision, mission, and working culture while highlighting its role in developing technical skills, encouraging collaboration, and connecting students with industry practices. The induction program motivated students to actively participate in various GDGC initiatives such as workshops, expert sessions, and hackathons, helping them enhance their technical knowledge and professional development.

The event was held at the LRDC Hall, Mechanical Department, and commenced at 2:30 PM with a warm welcome to faculty members, guests, and students. The Chief Guest, Dr. Manoj K. Khare, Scientist "G" and Head of HPC at C-DAC Pune, shared insights on emerging technologies and encouraged students to explore innovation and research opportunities. Dr. Jayashree Katti (HOD, IT) and Dr. Sonali Patil (HOD, Computer Engineering) also addressed the students and motivated them to utilize GDGC as a platform for learning, networking, and professional growth.

The program included keynote addresses, presentations on GDGC achievements, a Badges Assigning Ceremony, the Current Lead's Speech, and interactive sessions with GDGC members. Key milestones from the 2024-25 tenure were showcased, including events such as AR/VR Workshop, Gen AI Cloud Jam, AIML Workshop, Flutter Workshop, Web Development Workshop, Alphabyte 2.0, and the Cloud FinOps Expert Session.

These initiatives reflected GDGC's continuous commitment to promoting innovation, learning, and professional development among students. The induction program concluded with enthusiasm and motivation, with around 70 students benefiting from the session. Participants expressed their eagerness to engage in upcoming GDGC activities, while the presence of distinguished dignitaries reinforced the significance of technical communities in fostering collaboration, innovation, and knowledge sharing throughout the academic year.

GDGC

Cloud & DevOps Workshop

The Department of Information Technology and Computer Engineering at Pimpri Chinchwad College of Engineering (PCCoE), Akurdi, under the banner of the Google Developer Group on Campus (GDGC) 2025-26, organized a Cloud & DevOps Workshop titled "Power the Cloud!" from 8th to 10th October 2025, between 4:00 PM and 7:00 PM.

Day 1 focused on Cloud Essentials, where participants were introduced to the fundamentals of cloud computing, various cloud services, and the growing career opportunities in this domain. Day 2 concentrated on DevOps Tools in Action, providing practical sessions on tools such as Docker, Nginx, scaling, and caching, which are commonly used to streamline software development, deployment, and system management. Day 3 featured a guest lecture and integration session, where participants learned about integrating cloud and DevOps systems using monitoring and visualization tools such as Prometheus and Grafana, along with other monitoring technologies.

This Institute Level workshop aimed to provide students with practical exposure to cloud computing and DevOps technologies, enabling them to gain hands-on experience with tools and practices widely used in the modern technology industry. The workshop was designed to help students understand real-world applications of cloud infrastructure and DevOps workflows while preparing them for industry-oriented roles
The three-day workshop was structured to cover different aspects of cloud and DevOps technologies. .

The workshop emphasized practical and hands-on learning, allowing students to work with real-world industry tools under the guidance of experienced mentors. Participants also received certificates of participation, and the event created opportunities for students to connect with a community of technology enthusiasts and professionals. A total of 85 students participated in the workshop, making it a highly engaging and successful event that helped students explore the cloud and DevOps ecosystem while strengthening their technical knowledge and practical skills.

GDGC

ESCAPE HAWKINS

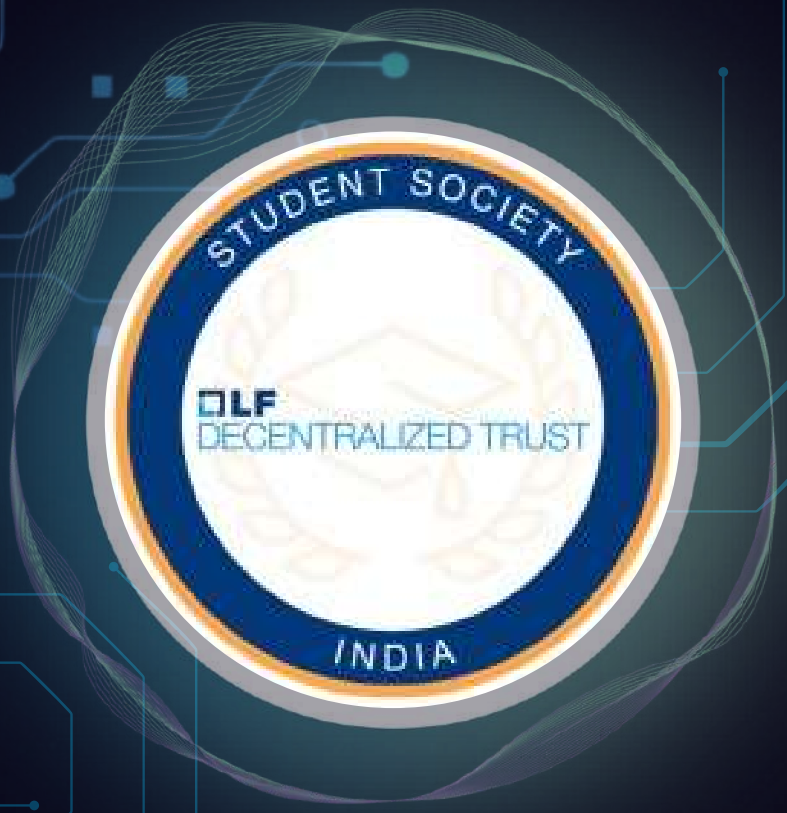
The Department of Information Technology (IT) and the Department of Computer Engineering at Pimpri Chinchwad College of Engineering (PCCOE) successfully organized "Escape Hawkins - PRAXIS 2026", an Institute Level competition (Escape Challenge Event) on 23rd January 2026 in the IT Building, PCCOE.

Inspired by the theme of Stranger Things, the event was designed as a high-intensity escape challenge to test participants' logical reasoning, technical aptitude, teamwork, and problem-solving abilities in a competitive and immersive environment. The competition aimed to provide students with an engaging platform to apply their technical knowledge while experiencing a thrilling and interactive learning atmosphere. The event received an enthusiastic response with over 85 participants registering, reflecting strong interest in technical and logical challenges.

The competition was conducted in two major rounds. Round 1: Hawkins Rapid Escape was a time-bound online quiz consisting of technical multiple-choice questions, debugging problems, logical riddles, operating system concepts, and cryptic puzzles. This round was conducted on a platform developed by Gaurang Joshi and Sanika Patil, where teams had to quickly analyze clues and solve problems to qualify for the next stage. Round 2: Hawkins Lab Protocol (Finale) was an immersive mission-based escape challenge conducted in a sealed lab environment. Participants had to solve a series of hidden clues and locked tasks within the lab setup. Out of 26 participating teams, 7 teams advanced to the final round, where team coordination, analytical thinking, and speed played a crucial role in determining the winners.

The event concluded with the successful escape of the top-performing teams. The first three teams to escape the lab were declared winners: 1st Place - Team Stephen Hawkings, 2nd Place - Team Nope, and 3rd Place - Team Elite 3. The winners were awarded prizes from a total prize pool of ₹10,000, along with exciting goodies and gift hampers. The event was a great success, fostering innovation, collaboration, and critical thinking among students while creating an exciting and memorable technical competition experience.

CESA
Computer Engineering
Student Association



LFDT Student Chapter PCCoE

Meet Our Team

Niraj M. Patil

President

Rutuja Jagtap

Secretary

Rupal Patil

Vice-President

Kunal Biradar

Treasurer

Prithviraj Sherikar

Technical lead

Rohit Sonawane

Management lead

Samruddhi Sutar

Design lead

Aditi Kale

Marketing lead

Dishant Gotis

Technical Team

Mayuresh Mandalik

Technical Team

Mahesh Avhad

Technical Team

Mayur Kharat

Technical Team

INDUCTION

The Department of Computer Engineering, PCCoE, proudly celebrated the successful inauguration of the LFDT India Student Chapter - PCCoE on 28th March 2025. This marked a significant milestone as students joined the global community of the Linux Foundation Decentralized Trust (LFDT)—the world's leading open-source body dedicated to decentralized technologies, digital trust, and collaborative innovation.

The inauguration set the tone for a vibrant journey ahead—filled with workshops, research opportunities, collaborative projects, and industry-driven learning experiences.

The event was graced by distinguished experts and thought leaders from the blockchain and decentralized ecosystems:

Kamlesh Nagware - Co-Founder, FSV Labs & Renowned Blockchain Leader

Dr. Anasuya Threse Innocent - Founder, Biniworld Innovations Pvt. Ltd. & Chair, LFDT India Student Chapters

Ankita Patidar - Tech Lead, AyanWorks & Co-chair, Hyperledger India Chapter

Garima Singh - Government Alliance Lead, LFDT India Chapter

ESP: HYPERLEDGER SESSION

Date: 26th August 2025
Speaker: Dr. Anasuya Threse Innocent Ma'am, BiniWorld Innovations Pvt. Ltd.
Mode: Hybrid | Level: College Level

The LFDT PCCoE Chapter organized an Expert Session on "Hyperledger and Its Applications" to introduce students to enterprise blockchain technologies beyond cryptocurrencies. The session focused on the fundamentals of blockchain, decentralization, security, and real-world industry use cases. The speaker provided insights into the Linux Foundation's Decentralized Trust Project Matrix and explained popular Hyperledger frameworks such as Hyperledger Fabric, Firefly, Indy, and Iroha. Students explored how blockchain is being used in industries like supply chain, healthcare, finance, and identity management.

Session Highlights

- Introduction to blockchain fundamentals and decentralized trust
- Overview of Hyperledger frameworks and enterprise blockchain
- Live exploration of the LF Decentralized Trust ecosystem
- Industry use cases and career guidance

Learning Outcomes

- Clear understanding of blockchain and Hyperledger frameworks
- Exposure to enterprise blockchain use cases
- Motivation to build blockchain-based projects and participate in hackathons

ESP: Hyperledger Session

BUILD A THON 2025

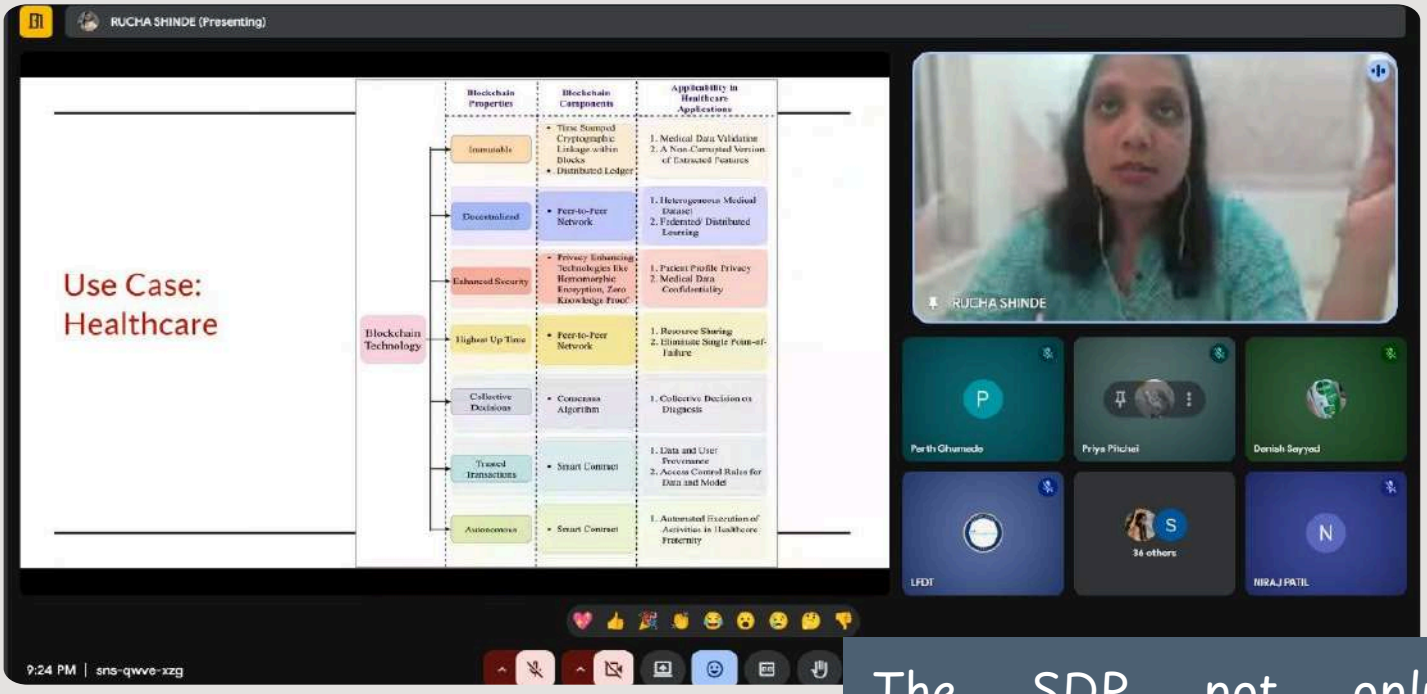
Build-a-Thon 2025 | Engineers' Day Exclusive

Build-a-Thon 2025 was a remarkable celebration of innovation, talent, and engineering spirit. The event unfolded over several dynamic phases—beginning with an insightful 8-hour workshop on Decentralized AI, followed by an intensive 36-hour implementation marathon, and culminating in impressive final presentations and awards.

This year's theme, "Where Agents Shape Tomorrow," was reflected in every idea, prototype, and interaction throughout the event. Participants embraced cutting-edge technologies, showcasing creativity, teamwork, and forward-thinking problem-solving.

With 560+ participants across 275+ teams representing prestigious institutions such as IITs, VIT, VIIT, WIT, and many more, Build-a-Thon 2025 emerged as a true hub of innovation, collaboration, and futuristic vision. The enthusiasm and dedication of every participant made this edition one of the most impactful yet.

DEMYSTIFYING BLOCKCHAIN : FOUNDATIONS FOR FUTURE ENGINEERS



The LFDT Student Chapter, Department of Computer Engineering, PCCOE, recently organized an enlightening Student Development Program (SDP) titled "Demystifying Blockchain: Foundations for Future Engineers."

The session was skillfully delivered by Prof. Rucha Shinde, Assistant Professor at PCCOE, Research Scholar, and Certified Blockchain Developer. Her expertise brought clarity to the complex world of blockchain, helping students understand its core principles, real-world applications, and its transformative role in modern technology.

The SDP not only strengthened students' foundational knowledge but also inspired them to explore blockchain as a rapidly evolving domain shaping the future of decentralized systems.

The session also highlighted how blockchain is driving innovation in sectors such as finance, cybersecurity, supply chain, healthcare, and digital identity. Through real-world examples and interactive discussions, students gained valuable insights into why blockchain is considered a cornerstone technology for the future.

DECENTRAHACK

Date: 17th - 23rd January 2026
Judge: Mr. Rohan Raverkar, Vice President, Barclays Technology Services
Mode: Online | Level: National
DecentraHACK was a 5-day national-level online hackathon focused on Blockchain, Web3, Agentic AI, Cybersecurity, and Digital Identity. Participants ideated, built, and presented working prototypes addressing real-world challenges.
The hackathon featured expert mentorship,structured evaluations, and industry-level feedback, helping students refine both technical and professional skills.

Hackathon Highlights

- 5-day intensive online development sprint
- Focus on DApps, smart contracts, and decentralized systems
- Expert judging and mentorship
- Live demo and PPT-based project evaluation

Learning Outcomes

- Hands-on experience in decentralized application development
- Improved teamwork and technical communication
- Exposure to industry standards and scalability considerations

FDP SESSIONS - DECENTRALIZED AI

Date: 2nd - 7th February 2026
Level: National | Audience: Faculty & Researchers
The National Level FDP on **"Decentralized AI"** explored the convergence of **Artificial Intelligence and Distributed Ledger Technologies (DLT)**. Sessions were conducted by eminent academicians and industry experts focusing on decentralized trust, AI agents, identity frameworks, and federated learning.

Topics Covered

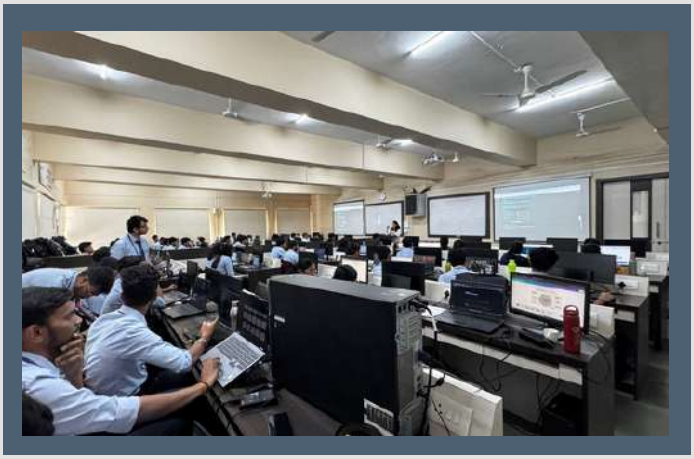
- AI + Blockchain convergence
- Decentralized identity and verifiable credentials
- AI agent governance and registries
- Federated learning for privacy-preserving AI

Program Highlights

- Expert-led technical sessions
- Research-oriented discussions
- Real-world case studies
- Curriculum and research guidance

Learning Outcomes

- Deep understanding of decentralized AI ecosystems
- Research insights for faculty and scholars
- Practical knowledge of AI governance on blockchain




MTECH
EVENTS

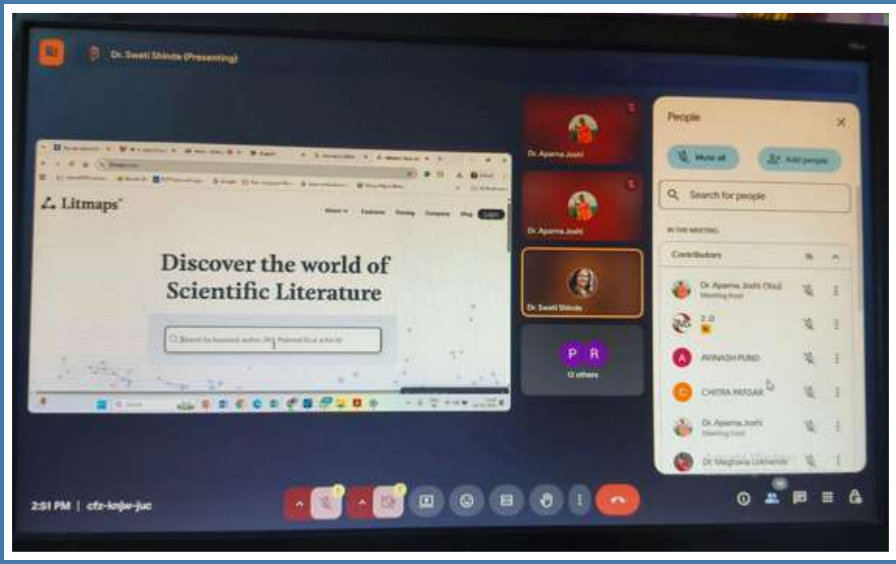
Expert Session on Smart Writing: Navigating AI Tools for Research Papers

On September 3, 2025, the PCCOE ACM-W Student Chapter hosted an illuminating online expert session titled "Smart Writing: Navigating AI Tools for Research Papers," drawing 18 PG and Ph.D. scholars from Computer Engineering to master AI's role in elevating academic writing.

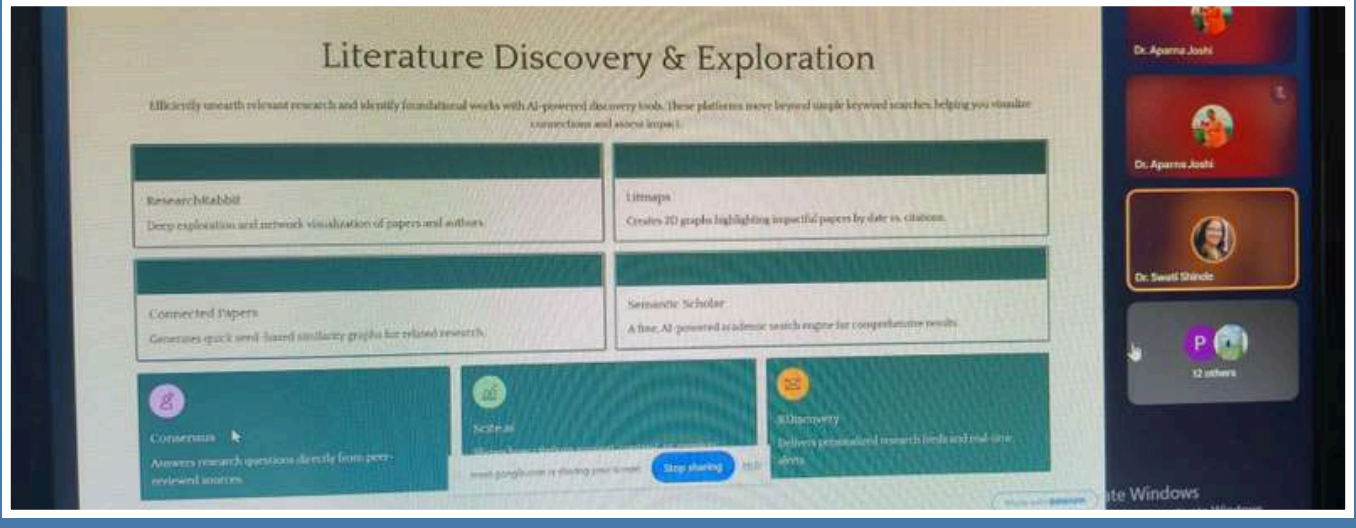
Dr. Swati Shinde, Professor & Dean (MIS) at PCCoE Pune, guided participants through four pivotal AI categories: literature discovery using ResearchRabbit, Litmap, Connected Papers, and Consensys; summarization with Elicit, SciSpace, SciSummary, and ChatPDF; drafting via Scispace, Paperguide, and Paperpal; plus final polishing checks, all demonstrated live for seamless workflow integration.

Expert Session on Smart Writing: Navigating AI Tools for Research Papers

She emphasized ethical AI practices to safeguard originality and credibility, sparking interactive Q&A where scholars shared experiences and gleaned tailored



strategies from deation to publication-ready manuscripts. Attendees gained hands-on command of these tools, refined research presentation skills, and a steadfast awareness of responsible AI use, propelling their academic pursuits with newfound efficiency and excellence.

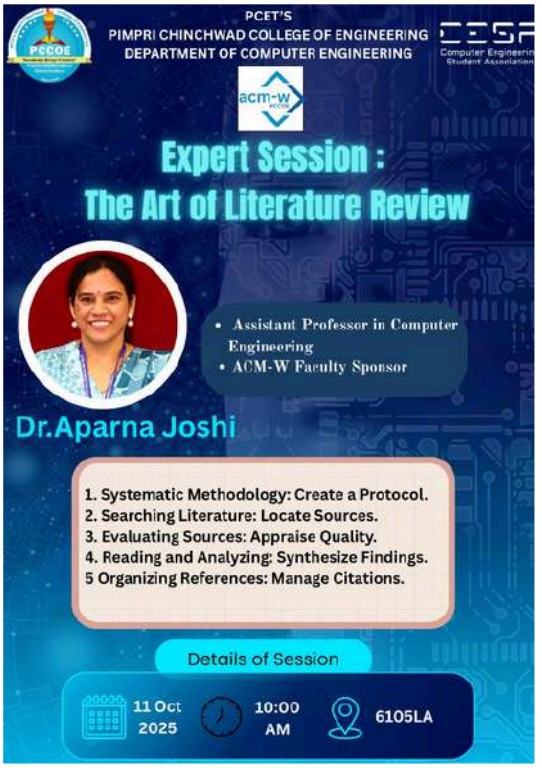


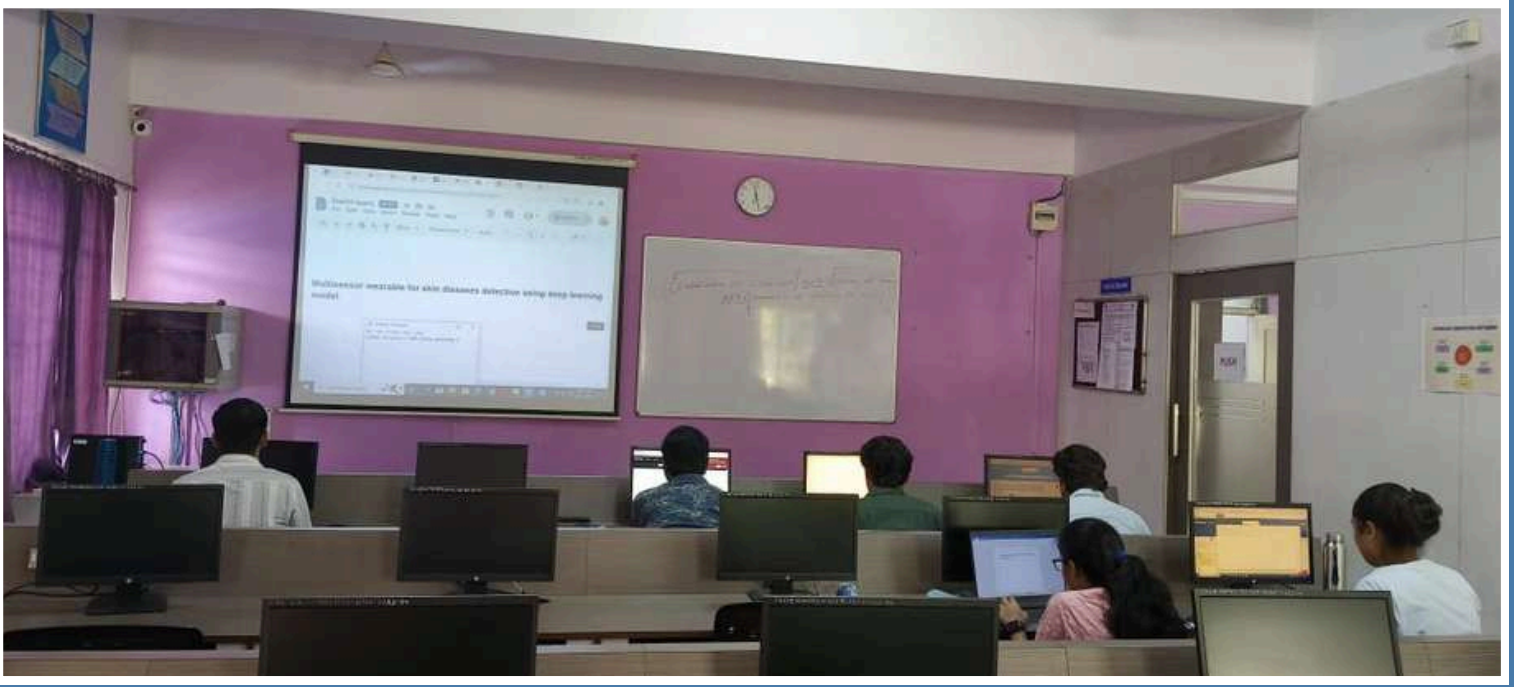
Expert Session : The Art of Literature Review

On October 11, 2025, the Department of Computer Engineering at Pimpri Chinchwad College of Engineering, in collaboration with ACM-W PCCOE and CESA, hosted "The Art of Literature Review" at 10:00 AM in room 6105LA. Led by Dr. Aparna Joshi, Assistant Professor in Computer Engineering and ACM-W Faculty Sponsor, the session equipped students and research scholars with a systematic blueprint for mastering literature reviews essential to academic projects and rigorous research.

Dr. Aparna Joshi illuminated key steps—from crafting review protocols and sourcing quality materials to evaluating credibility, synthesizing insights, and streamlining citations—through vivid examples and structured techniques that sharpened search strategies and reference management. Participants delved into practical workflows for appraising sources and weaving analytical narratives, emerging with heightened prowess in producing polished, authoritative review papers. The event not only clarified complex research practices but also ignited a passion for excellence, arming attendees with enduring skills to elevate their scholarly output.

Expert Session : The Art of Literature Review





ACM WINTER SCHOOL

Responsible AI
XIM University, Bhubaneshwar

Shriya Bagade

Khushie Mohod

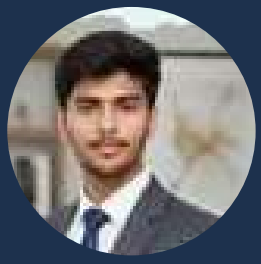
Madhura Barve

Saloni Katkar

Shivani Vibhute

Compiler Design for Today's World
SRM University, Chennai

Shravan Joshi



Rushikesh Patil

Sanchita Sakhare

Krushnakant Patil

ACM WINTER SCHOOL

Engineering the Future with Digital Twins
Ramdeobaba University, Nagpur

Aditi Joshi

Hridaya Morey

Sanika Gadhve

Advance Blockchain
IIT Madras

Afia Shaikh

Shravani Sonigra

AI & Finance
IIIT Hyderabad

Rahul Landge

EDITORIAL TEAM

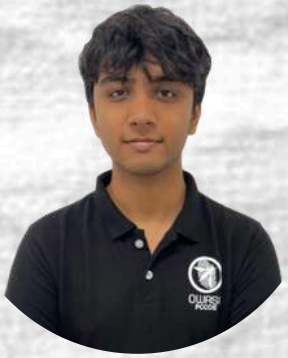
Ayush Patil
ACM

Mayuresh Rane
ACM

Rushikesh Patil
ACM

Prerna Rajput
ACM

Sanskruti Dahiphale
ACM-W



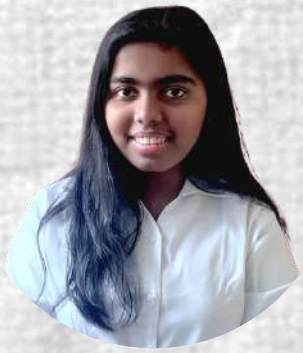
Aaryan Bhujan
OWASP

LFDT

EDITORIAL TEAM

Christy Francis

Parul Avhad



Taniksha Suravase

Khushi Jadhao

Samierra Bhagat

Vedanti Papat

Pracheta Mukhedkar

Avani Joshi

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 ains 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.rt 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.

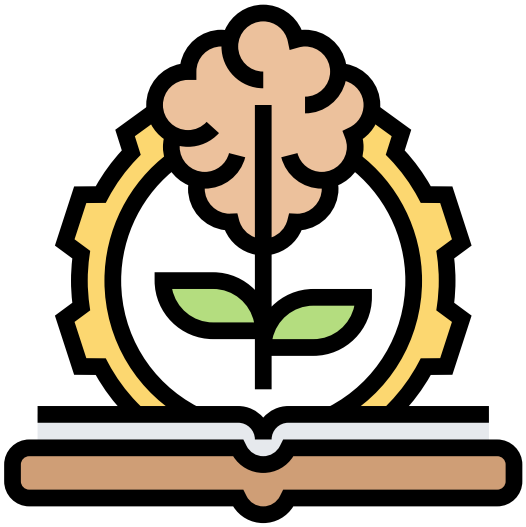
CESA Awards

Every good thing calls for appreciation. So, every year, some of the students from the final year of our department are awarded for their overall performance. The most prestigious among these awards is the Best Outgoing Student of the Year award.

Best Outgoing Student of the Year award

Several parameters are considered for this award like academic excellence, excellence in Co-curricular and extra-curricular activities, leadership quality, participation in Social activities, participation/excellence in competitive examinations, placement/higher studies/entrepreneurship status, involvement in different activities for self /department Vinstitute development, internships, certifications, etc. undergone during the tenure and needless to say, the faculty opinion.

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



Most Innovative Student of the Year award

This award is given to the student who has shown outstanding performance during his tenure in the research and innovation domain.

Nature of the award: Trophy. Certificate

CESA Awards

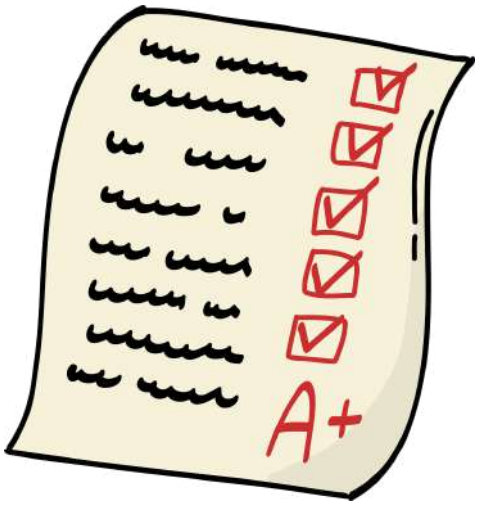
Academic topper

This award will be given to the student who is an overall top rank holder in the University examination.
Nature of the award: Trophy, Certificate

Best Salary Package Achiever

This award will be given to the student who gets the best salary package through campus placement/off-campus drives for the respective year.
Nature of the award: Trophy, Certificate

Achievers in the Higher studies entrance examination, entrepreneurship



A student who performs exceptionally well in the higher studies entrance examination, or has any achievements in entrepreneurship, etc. is considered for this award.
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.

Mission

- 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.

Mission

- 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 learningopportunities through Center of Excellence.
- To foster leadership skills and ethics with holistic development.

CESA INSIDER

VISION

TO BE A PREMIER HUB IN COMPUTER ENGINEERING IN EDUCATION AND RESEARCH.

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

CESA INSIDER

FILL OUT THIS FORM TO CONTRIBUTE TO THE NEXT INSIDER

https://pccoe.acm.org/