



PIMPRI CHINCHWAD EDUCATION TRUST'S



PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH

Information Technology

2024-25 SEM - 2

Technology is best when it
brings people together

TechVibes



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PRINCIPAL DESK

Dr. H. U. Tiwari

India today stands as world's third largest economic power, its economy growing at about 8%. The emerging Indian entrepreneurs are becoming global. The figure of number of Indians in the list of richest people in the world escalates every year. The versatile knowledge of Indians makes India as a preferred destination for outsourcing knowledge, hence it is emerging as a destination of world class Research and Development Centers and innovation hubs. You must, therefore, be highly excited to make your own contributions to the growth and development of India of your dream. I wish you a very happy and academically highly rewarding student life in PCCOER. I also hope that you will be your good deeds enhance the pride and prestige of this prestigious institution.



HOD Desk

Dr. Santoshkumar V. Chobe

As Head of the Information Technology Department, my commitment is to nurture the next generation of technocrats through quality education rooted in fundamental principles, professionalism, and ethics. With a skilled faculty, we focus on student-centered learning, bridging theory and practice to foster critical thinking and career readiness. Our department's state-of-the-art infrastructure and modern teaching aids enhance the learning experience, while co-curricular and extra-curricular activities offer avenues for holistic growth. We prioritize academic excellence, research, innovation, and a supportive, mentorship-driven environment. Our department thrives on a combination of As Swami Vivekananda said, "Education is the manifestation of the perfection already in man."

INFORMATION TECHNOLOGY



Vision

To achieve global competence through transformative education, research, and entrepreneurship to meet the challenges of the modern computing industry.


Mission

- To produce technologically competent graduates to meet the global challenges and societal needs
- To take up research in collaboration with Industries and research organizations
- To produce successful graduates with ethical values, commitment to lifelong learning and leadership skills.





TOPPERS

TE :

Rank	Name	SGPA
 1st	Chetna Raju Pole	9.64
	Vanshika Landge	9.64
 2nd	Harshada Kadam	9.57
	Mayuri Gavare	9.57
	Varad Dongarkar	9.52
 3rd	Sandesh Lanke	9.52
	Samrat Gurav	9.52

TOPPERS

SE :

Rank	Name	SGPA
 1st	Shraddha Nikam	9.86
 2nd	Aditi Raut	9.68
 3rd	Shreya Mane	9.59



INTERNSHIP (TE)



ADITYA PHULE

Company : Tracelink

STIPEND : 40000/MONTH



SANKET SARODE

Company : Calfus Technologies Pvt Ltd.

STIPEND : 25000 /MONTH



MAYURI GAVARE

Company : PTC software

STIPEND : 22000/MONTH



RUTUJA PATANKAR

Company : Celebal Technologies





ARPITA KHADE

Company : Celebal Technologies

Technical Activities

**INNOVATION ISN'T BORN – IT'S
BUILT, LINE BY LINE**

The background of the page features a network diagram. It consists of numerous small, semi-transparent blue circular nodes connected by thin, light blue lines. The nodes are scattered across the page, with a higher density in the lower-left quadrant. The lines form a complex web of connections, some straight and some slightly curved. The overall aesthetic is clean, modern, and technical, with a color palette dominated by various shades of blue and white.

ITSA Shines at TECHNOVATE 2K25 with “ERROR 404” Debugging Challenge!

The IT Department made a remarkable impact at TECHNOVATE 2K25 through ITSA's exclusive event "ERROR 404", a high-energy debugging challenge that tested participants' logic and technical prowess.

The event received an overwhelming response and showcased the department's commitment to promoting technical excellence, problem-solving, and innovative thinking among students.

A proud achievement that reflects the spirit and strength of Team IT! 🚀



PCCOER IT Department Sets a Record – 78 Copyrights in a Single Day

The IT Department of PCCOER has set a remarkable record by filing 78 copyrights in a single day on 25th March 2025. This achievement reflects the department's strong focus on innovation, research, and Intellectual Property Rights (IPR). Under the guidance of Principal Dr. Harish Tiwari and HOD Dr. Santoshkumar Chobe, faculty and students actively participated in the initiative. The entire process was well-coordinated by Assistant Professor Ms. Divya K Punwantwar, with continuous encouragement from the PCET management. This milestone not only protects students' and faculty's creative ideas but also inspires them to continue contributing towards research and technological growth.



Professional Development Training Program by FACEprep

The Training and Placement (TNP) Department organized a Professional Development Training Program in collaboration with FACEprep, aimed at equipping students with essential skills for their professional journey.

This intensive training covered a wide range of skill-building modules and was a crucial step in preparing students for placement drives and the corporate world.



Hands-on Workshop on Python & Django at PCCOER

The Department of Information Technology, PCCOER, organized a five-day hands-on workshop on Python and Django from 20th – 24th January 2025 for Second Year IT students. The session was conducted by the Founder of CognaTech, an IoT trainer and tech enthusiast, and coordinated by Assistant Professor Ms. Hemlata Gaikwad. The workshop aimed to bridge the gap between theory and practice by introducing students to real-world web development through the creation of an Instagram clone project. Students gained valuable skills in problem-solving, design, modern tool usage, and project-based learning. With enthusiastic participation and highly positive feedback from students, the event proved to be a great success, inspiring learners to explore advanced technologies and apply them in their academic as well as professional journeys



Hands-on Workshop on Python & Django at PCCOER



PARENT TEACHER MEET



The Parent-Teacher Meeting (PTM) on February 27, 2025, focused on enhancing collaboration between the institute and parents of SE and TE students. Teachers updated parents on student progress and academic strategies, while parents shared their insights and concerns. The meeting aimed to strengthen support and communication to boost student success.



IT STUDENT ACHIEVEMENTS



PCCOER IT Students Shine in Durgavedh 2.0!

Congratulations to Team Shiledar from the IT Department, PCCOER, for winning the First Prize in the Durgavedh 2.0 competition organized by the PCCOE NSS Unit. The team impressed everyone with their creative and detailed model of Lohagad Fort, showcasing their skills and love for heritage.

Team Member (IT Department) :

- Arpita Khade



IT STUDENT ACHIEVEMENTS



PCCOER Girls Shine at YUVOTSAV 2025!

It is a proud moment for PCCOER as our Girls Box-Cricket Team showcased their talent and determination at YUVOTSAV 2025 – Sports Fest, organized by SB Patil Institute of Management, Akurdi. Competing against several teams, our girls emerged victorious, securing the First Position in the Box-Cricket Girls Event, along with a cash prize of ₹7000/-.



PROUD MOMENT FOR PCCOER : RUPAM AGRAWAL WINS BEST SPEAKER AWARD !!

SE IT student Rupam Agrawal made the institute proud by winning the BEST SPEAKER award 🏆 at the Elocution Competition organised by the Promethean Club.

Her remarkable communication skills and confident delivery stood out, earning her this well-deserved recognition. ✨

Congratulations to Rupam for this outstanding achievement!



PROUD MOMENT FOR PCCOER: ARPITA KHADE SHINES IN KAVYA VACHAN! ✨

Third-year IT student Arpita Khade made PCCOER proud with her captivating performance at the Kavya Vachan competition organised by the Promethean Club.

Her soulful voice, perfect rhythm, and deep emotional expression left the audience mesmerised, showcasing her remarkable talent.

WOMEN'S DAY CELEBRATION AT PCCOER BY SECOND-YEAR STUDENTS!

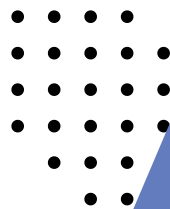
8 MARCH 2025

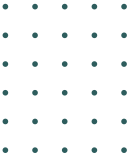


The Second-Year IT students of PCCOER joyfully celebrated Women's Day to honor the incredible contributions of women in society. The event featured inspiring speeches, engaging activities, and heartfelt expressions of appreciation, making it a memorable occasion for both students and faculty.

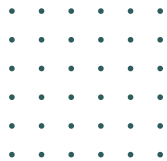
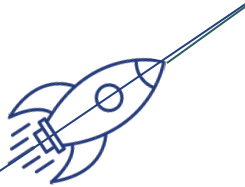


STUDENTS' CLUB






INFORMATION TECHNOLOGY STUDENTS ASSOCIATION (ITSA)

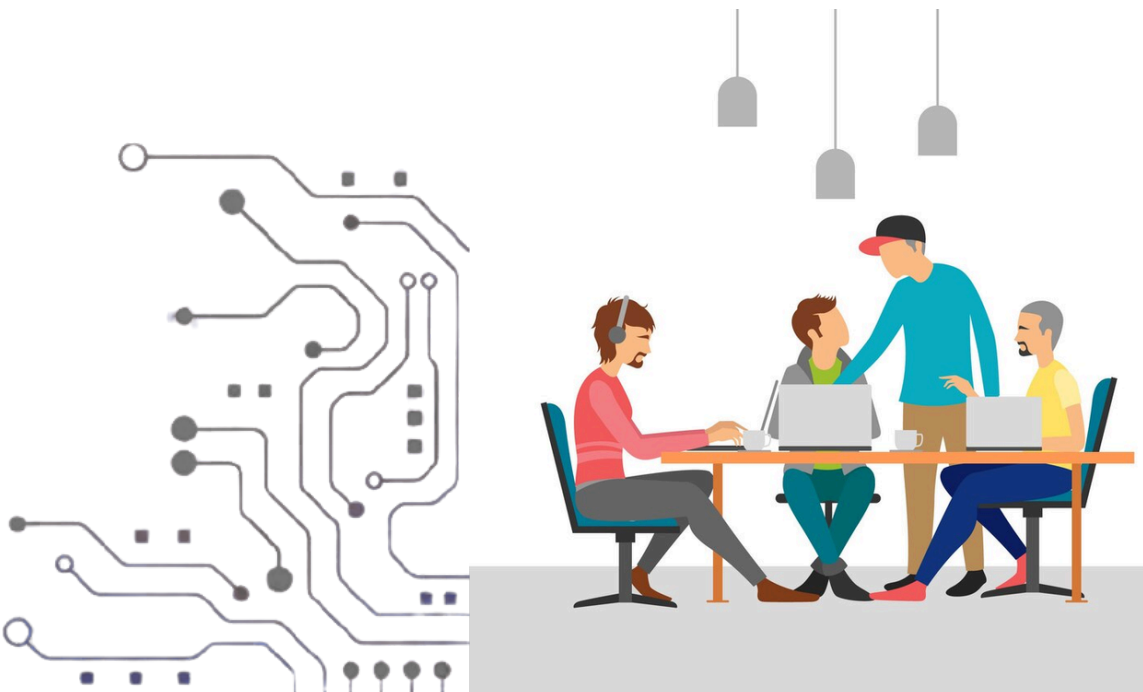


Inauguration Date : 14th Feb 2024

INFORMATION TECHNOLOGY STUDENTS ASSOCIATION (ITSA)

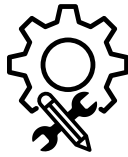
"Bridging the gap between academic learning and real-world applications 

The Information Technology Students Association (ITSA) is a Student-Led Group dedicated to fostering technical and professional growth among IT students. It provides a dynamic platform for students to enhance their skills, network with industry professionals, and participate in various tech-driven activities like workshops, hackathons, seminars, and coding competitions



GOALS OF ITSA

Skill Development



Innovation & Projects



Networking



Collaboration



Career Growth

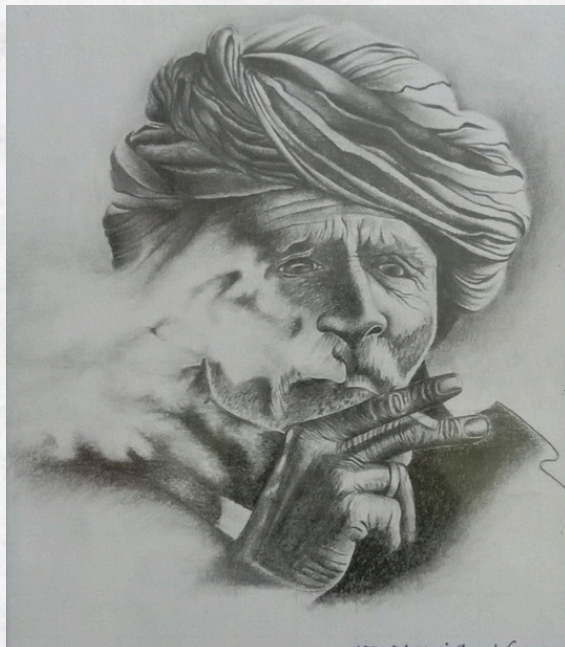
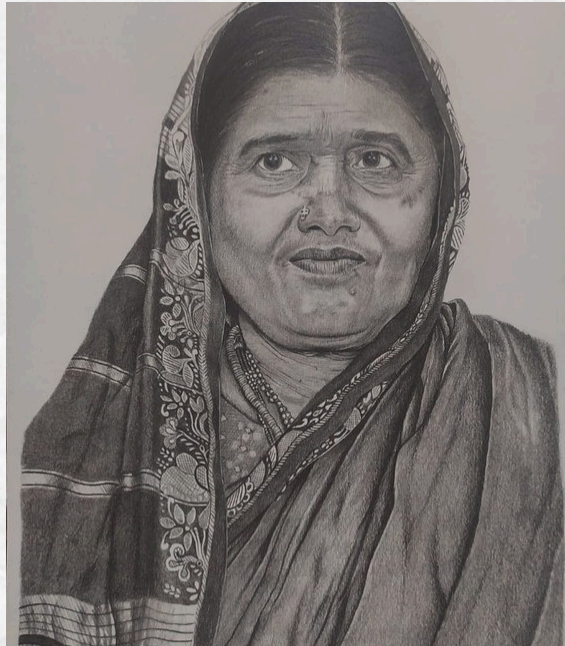




THE
Creative
CORNER



PENCIL SKETCHES



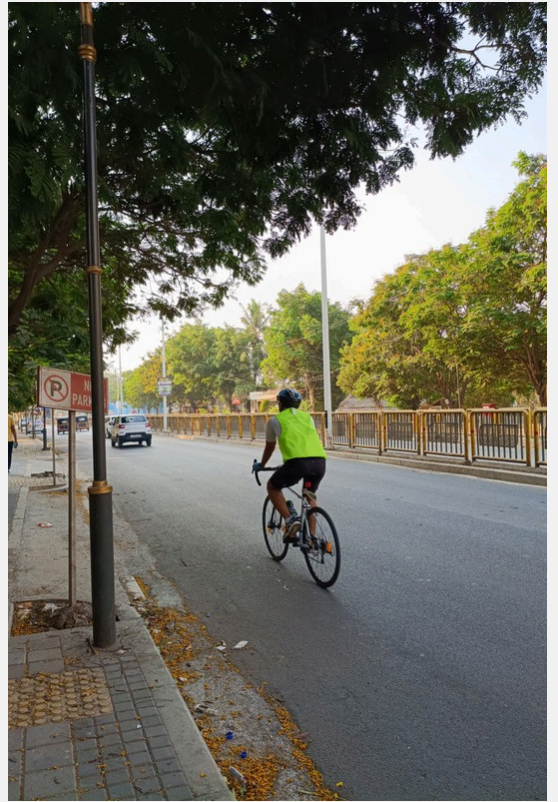
MAYURI ANANT GAVARE

Third Year IT

PHOTOGRAPHY

**"FROZEN IN TIME, FOREVER
BEAUTIFUL."**





Harshada Kadam
TEIT





TECH INSIGHTS



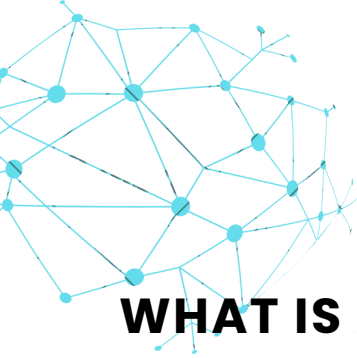
CYBERSECURITY : EVOLVING WITH AI

As cyber threats become more sophisticated, Artificial Intelligence is emerging as a powerful ally in cybersecurity. It enables organizations to not just react to attacks, but to predict and prevent them before they happen.

- **AI-Powered Threat Hunting** : Machine learning models continuously analyze user behavior, system logs, and network traffic to detect unusual activity in real time, flagging potential breaches faster than ever.
- **Zero Trust Security** : The shift to a Zero Trust model—where every access request is verified, regardless of location—is being accelerated by AI-driven authentication and behavior analysis tools.
- **AI in Phishing Detection** : Advanced algorithms can now detect subtle clues in emails and URLs, helping to block phishing attempts that often fool even experienced users.

Future Outlook :

AI is set to become the backbone of cybersecurity systems—building smarter, faster, and more adaptive digital defenses. With evolving threats, AI will not just respond but proactively shield networks, keeping data and systems safe in real-time.

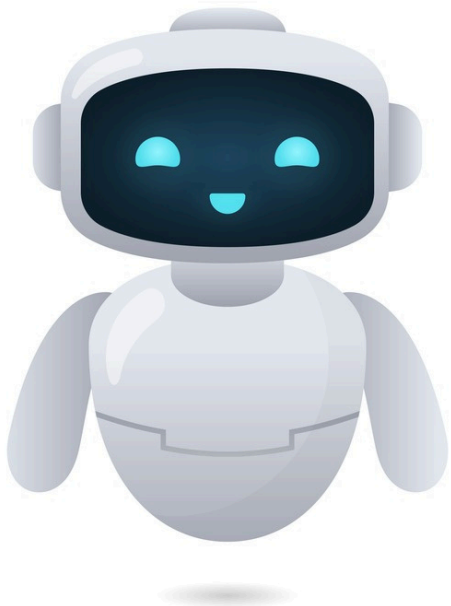


WHAT IS AGENTFORCE?

Agentforce is Salesforce's agentic AI platform that helps businesses build, customize, and deploy autonomous AI agents. These agents understand natural language, reason through tasks, and can execute them across systems—without requiring human oversight for every interaction Barron's+15Axios+15Softweb Solutions+15.

Powered by the proprietary Atlas Reasoning Engine, Agentforce simulates human-like planning :

1. It understands user intent.
2. Retrieves relevant data.
3. Constructs and executes a step-by-step action plan






INTERNET OF THINGS (IOT) : THE SMART WORLD IS EXPANDING

IoT is bridging the physical and digital worlds through interconnected smart devices.

- **Smart Homes & Cities** : Automated lighting, waste management, and traffic control are becoming the norm.
- **Industrial IoT (IIoT)** : Sensors in factories are boosting productivity through predictive maintenance.
- **IoT & 5G** : Ultra-fast 5G networks are enhancing real-time IoT capabilities.

 **Future Outlook** : With billions of connected devices, data security and energy efficiency will take center stage.



OUR TEAM

Faculty Co-ordinator

Ms. Divya K.Punwantwar

Assistant Professor

Student Co-ordinator

Harshada Kadam - TEIT

Mayuri Gavare - TEIT

Soham Bothe - SEIT

TechVibes

IT Department Magazine