



PIMPRI CHINCHWAD EDUCATION TRUST'S



PIMPRI CHINCHWAD COLLEGE OF ENGINEERING & RESEARCH

Information Technology

2024-25 SEM - 1

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	Aishwarya Patil	9.71
	Vanshika Landge	9.71
 2nd	Sandesh Lanke	9.67
	Chetana Pole	9.57
 3rd	Prathamesh Deshpande	9.57
	Varad Dongarkar	9.57
	Meenakshi Deshpande	9.57



TOPPERS

SE :

Rank	Name	SGPA
 1st	Rohan Dsouza	9.45
	Shreya Patil	9.45
	Tanishk Kekan	9.32
 2nd	Vaishnavi Jadhav	9.32
	Shivam Bhagat	9.32
	Aditi Nikam	9.32
 3rd	Anushka Bandwane	9.27



INTERNSHIP (TE)



ANJALI RANDELE

Company : BMC Software

STIPEND : 40000/MONTH



KUSH AGRAWAL

Company : VolunteerYatra

STIPEND : 15000/MONTH



SANKET SARODE

Company : Stackmentalist ventures pvt Ltd

STIPEND : 10000/MONTH



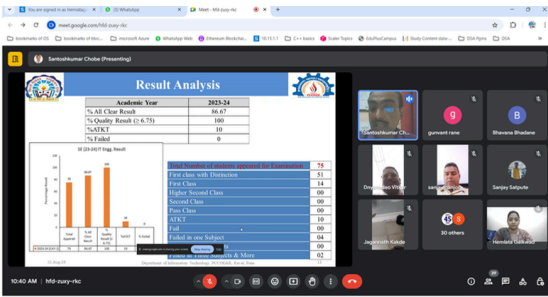
HARSHADA KADAM

Company : INORVICT Healthcare India Pvt. Ltd.

STIPEND : 6000/MONTH



Parent Teacher Meet



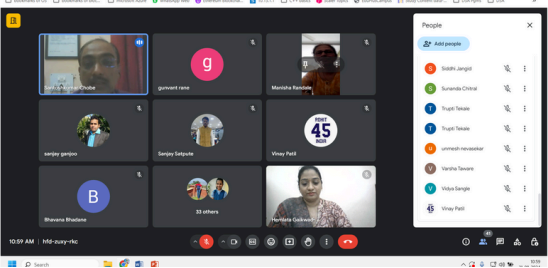
Training & Placement Cell

Training & Placement Cell Activity

- Aptitude, Programming, Soft Skills training course of around 120 hours
- Mock Group Discussion by Alumni/T&P Faculty Placed Students
- Mock interview activities are conducted by Alumni/T&P Faculty Placed Students
- 01 to 20 Mock Tests
- 01 to 10 Company Specific Mock Tests
- Assessment tests through platforms like Am-Cocubes, Campus Cerebralis, etc.
- Company Specific Training is given for mass recruits

Alma Mater Panel:
 Alumni Association (Reg No. MA11A/2019/19)
 Total Number of Registrations: 1437
 Absent: 148
 Faculty: 15
 Students: 1419

10:57 AM | M0-zury-rhc



NBA Accreditation

10:58 AM | M0-zury-rhc

The Parent-Teacher Meeting (PTM) on August 31, 2024, 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.





TEIT STUDENT ACHIEVEMENTS

Concept Carnival Competition

**Siddhant Bisen,
Harshit Runwal,
Viraj Khirnar,
Pranav Kakde**



Bro Code is a DSA competition

Siddhant Bisen



RAAJAS NANDEDKAR

Raajas Nandedkar, a third-year IT student from PCCOER, won a Gold Medal 🏆 at the International Taekwondo Championship 2024 (India Open) held in Goa on 28th and 29th September. He made both the institute and the country proud with his remarkable achievement.

IT Department Shines at AVISHKAR 2K24!

Two groups from the Information Technology Department have been selected for the "Zonal Level Project Competition" organized by Savitribai Phule Pune University (SPPU), Pune. Their innovative projects were showcased at Aviskar 2K24, held on 24th September 2024 at PCCOER. This achievement highlights the technical excellence, research capabilities, and innovative mindset of our students. 🚀🌟

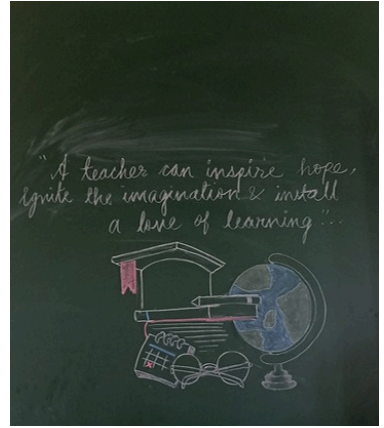


TEACHERS' DAY CELEBRATION AT PCCOER BY SECOND-YEAR STUDENTS!

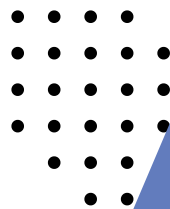
5 SEPTEMBER 2024

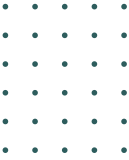


The Second-Year IT students of PCCOER joyfully celebrated Teachers' Day in honor of their dedicated mentors. The event was filled with heartfelt speeches, fun activities, and expressions of gratitude, making it a memorable day for both students and faculty.

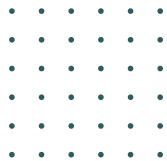
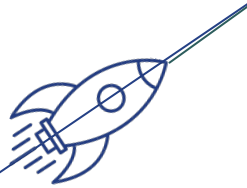


STUDENTS' CLUB






INFORMATION TECHNOLOGY STUDENTS ASSOCIATION (ITSA)

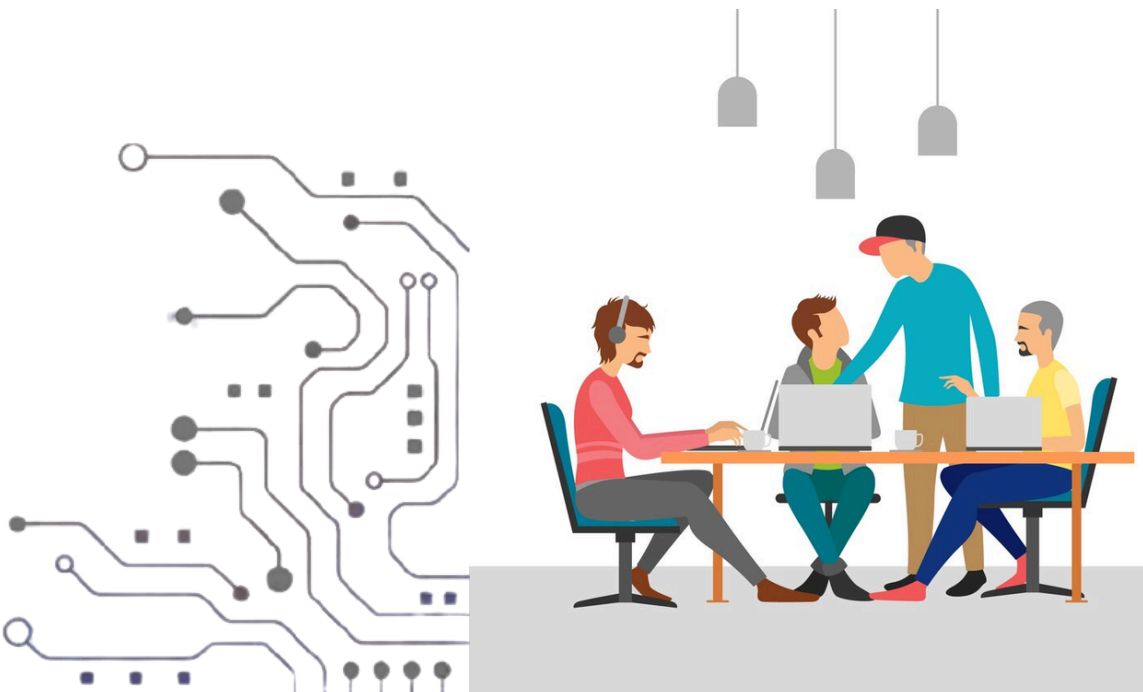


Inauguration Date : 14th Feb 2024

INFORMATION TECHNOLOGY STUDENTS ASSOCIATION (ITSA)

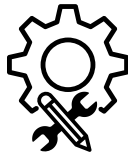
"Bridging the gap between academic learning and real-world applications 

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

PAINTINGS



Tirtha Nawale

SEIT



Yash Chaudhari

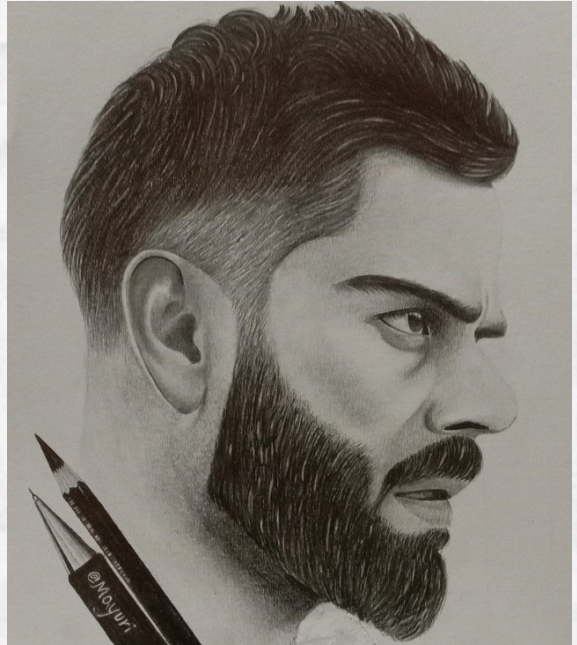
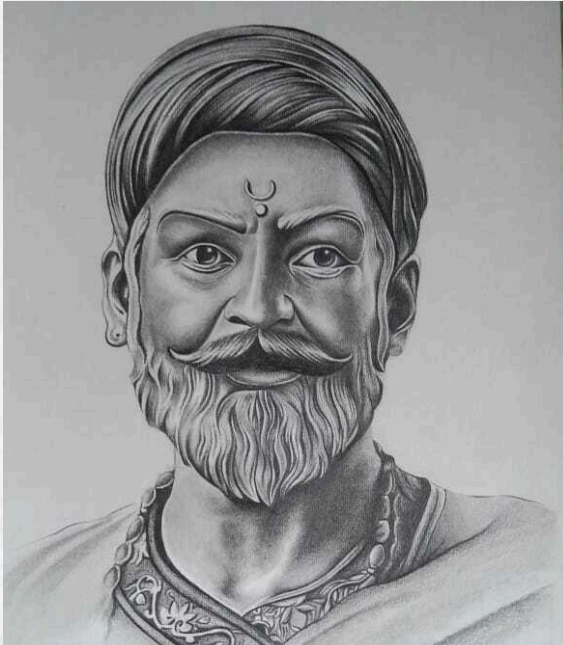
SEIT



Tirtha Nawale

SEIT

PENCIL SKETCHES



MAYURI ANANT GAVARE

Third Year IT

आईवडील

जगापेक्षा नऊ महिने आधी ओळखते ती आई असते,
आणि
आयुष्य नावाच्या पुस्तकात न उलगडणारा धडा म्हणजे बाप
असतो.
चालताना ठेच लागली की सहज आपण "आई गं!" बोलतो,
पण
जेव्हा मोठ्या संकटांना भिडावे लागते,
तेव्हा "बापरे!" हाच शब्द आठवतो.
आई तिचे दुःख माझ्यापाशी सहज व्यक्त करते,
पण वडिलांना कधीही त्यांच्या दुःखाविषयी बोलताना पाहिले
नाही.
नेहमी हसऱ्या चेहऱ्यामागे किती दुःख दडलेले असते,
हे मी कधी समजूच शकले नाही.
आई मला नेहमी सांगते,
"घरातील कामे सोपी नसतात."

पण

वडिलांनी एक-एक रूपयासाठी केलेली मेहनत,
मलाकधी जाणवूच दिली नाही.
आईने मला पाठ्यपुस्तकातील धडे शिकवले,
तर वडिलांनी आयुष्याचे धडे दिले.
आई मला नेहमी सांगते,
"अभ्यास करत जा बाळा."

पण

वडिल विचारतात,
"पैसे किती पाठवू बेटा तुला?"
आई सहज व्यक्त करते माझ्यावरील प्रेम,

पण

वडिलांनी माझ्याबद्दल असलेले मनातील प्रेम
कधी चेहऱ्यावर येऊच दिले नाही.
आजपर्यंत मी "माझी आई" यावर खूप निबंध लिहिले,

पण

न उमगणाऱ्या वडिलांच्या प्रेमांमुळे
मला "माझे वडील" हा निबंध लिहिण्याचा कधी योगच आला
नाही.

ARPITA KHADE

Third Year IT

मैत्री

लाखो अनोळखी चेहऱ्यांच्या या गर्दीत
खरी मैत्री भेटलीय मला कॉलेजच्या पहिल्या दिवशी.

अजून ओळखही नव्हती,
पण आज मात्र एकमेकींच्या खास झालोय.

तू महाराष्ट्राच्या एका कोपऱ्यातली,
तर मी दुसऱ्या,

तरीही सांगू लागलो आपण एकमेकांच्या गोष्टी.
तू काही चुकलीस, तर मी तुला हक्काने सांगते,
अशीच तर हवी असते खरी मैत्री!

जेव्हा-जेव्हा माझ्या मनात असंख्य प्रश्न येतात,
तेव्हा फक्त तुझ्याशी बोलल्यावरच ते सारे नष्ट होतात.
म्हणतात की दोन मुलींची खरी मैत्री होऊ शकत नाही,

मात्र त्यांना उत्तर द्यायला आपणच पुरे!
आपल्यातील विश्वास जबरदस्त आहे.

"तू तिथे मी!" हा नियम कधीही उध्वस्त होणार नाही.
कोणताही विषय कॉलेजात चर्चा करता आला नाही,
तर घरी आल्यावर शोधून काढतो त्या विषयाचे गूढ रहस्य.

आपल्यातील गोष्टी बाहेर जात नाहीत,
म्हणूनच तर म्हणते, मैत्री आहे आपली जबरदस्त!

प्रिय सखी

दिसायला सुंदर, साजेशी तू,
मला मिळालेली मैत्रीची मुरत तू!

माझं सगळं बोलणं ऐकून घेणारी तू,
न बोलताही सगळं सांगून जाणारी तू.
कधी बनलीस बहीण, तर कधी पाठीराखा तू,
मैत्रीच्या रूपात मिळालेला दागिना तू!

"Sorry" बोलून, कॉमेडी करून, रडून मनावणारी तू,
राग आला, तर रागात मारणारी तू.

कधी डान्स पार्टनर, तर कधी बेंच पार्टनर बनलीस तू.
बघता बघता, आयुष्याचा अविभाज्य भाग बनलीस तू!
सगळ्यांची काळजी घेणारी,
आपुलकीने बोलणारी तू,
पण मला असं खूप वाटतंय,
माझी पाहुणी होणार तू!

RUTUJA PATANKAR

Third Year IT

PHOTOGRAPHY

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





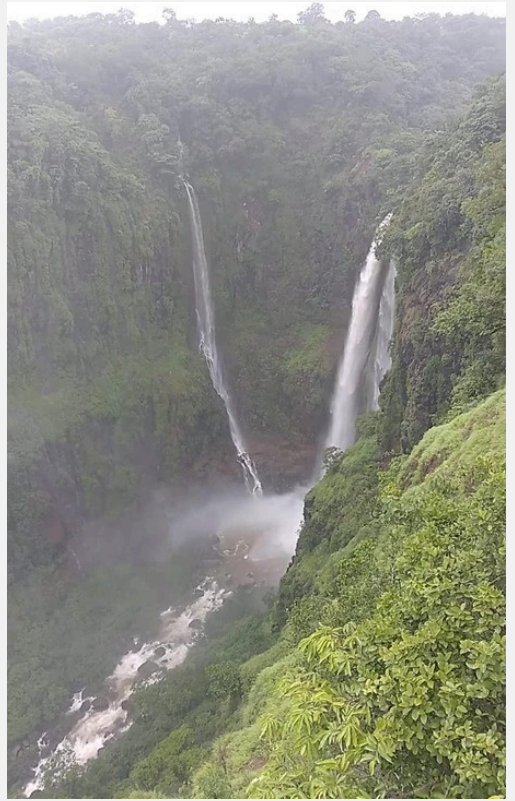
Tirtha Nawale
SEIT



Yash Chaudhari
SEIT



Harshada Kadam
TEIT



Rutuja Patankar
TEIT





Rutuja Patankar
TEIT

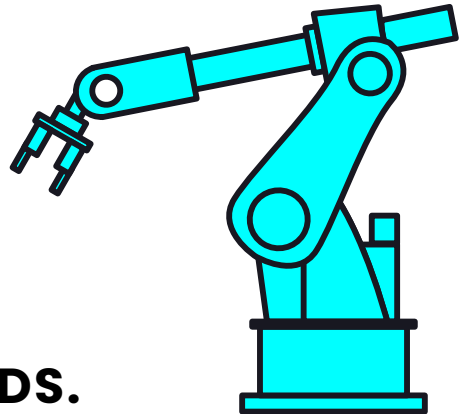




TECH INSIGHTS



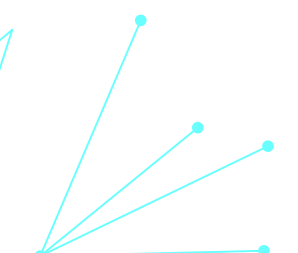
AI & ML FUTURE TRENDS.



Artificial Intelligence (AI) and Machine Learning (ML) are evolving at a rapid pace, shaping industries and redefining how businesses operate. Here are some key trends to watch in AI & ML :

- **AI-Powered Automation:** More companies are using AI to automate repetitive tasks, boosting efficiency.
- **Explainable AI (XAI):** AI models are becoming more transparent, helping users understand their decision-making process.
- **Generative AI Boom:** Tools like ChatGPT, MidJourney, and Stable Diffusion are creating content, designs, and even code!
- **Edge AI:** AI is moving to devices like smartphones, reducing reliance on cloud computing.
- **AI in Healthcare:** AI-driven diagnostics, drug discovery, and robotic surgeries are revolutionizing medicine.

Future Impact: AI will continue to disrupt industries like finance, education, and cybersecurity. Staying updated with AI/ML frameworks like TensorFlow and PyTorch is a must!



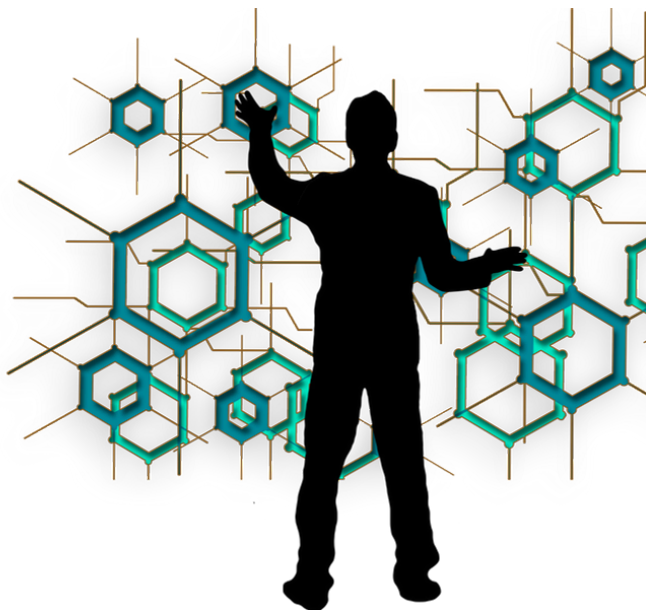


WEB 3.0 & BLOCKCHAIN BASICS

The next version of the internet, Web 3.0, is all about decentralization, privacy, and user control. Blockchain is the core technology behind it.

What's New in Web 3.0 ?

- **Decentralization:** Unlike Web 2.0 (where companies control data), Web 3.0 gives control back to users.
- **Smart Contracts:** Automated contracts on the blockchain eliminate middlemen (Ethereum, Solana).
- **Cryptocurrencies & NFTs:** Digital assets are gaining popularity for payments and ownership verification.
- **Decentralized Apps (DApps):** Apps that run on a blockchain, offering more security and transparency.
- **Metaverse Integration:** Web 3.0 is the backbone of virtual worlds where users can own digital assets.



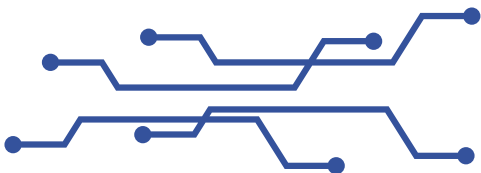


METaverse & AR/VR INNOVATIONS

The Metaverse is a digital universe where people can work, play, and socialize using Augmented Reality (AR) and Virtual Reality (VR).

Key Innovations in the Metaverse:

- **Immersive Workspaces:** Companies like Meta (Facebook) are building virtual offices for remote work.
- **Virtual Shopping & Events:** Brands are hosting concerts and fashion shows in the Metaverse.
- **Education & Training:** Medical students and engineers are using VR to practice real-world scenarios.
- **Gaming Revolution:** Games like Fortnite and Roblox are shaping the future of interactive entertainment.
- **Digital Real Estate:** Buying virtual land in platforms like Decentraland and The Sandbox is trending.



OUR TEAM

Faculty Co-ordinator

Divya K. Punwantwar

Assistant Professor

Student Co-ordinator

Harshada Kadam - TEIT

Mayuri Gavare - TEIT

Soham Bothe - SEIT

TechVibes

IT Department Magazine