



PIMPRI CHINCHWAD EDUCATION TRUST'S
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING

An Autonomous Institute Permanently Affiliated to SPPU, Pune
NBA Accredited, NAAC Accredited with 'A' Grade, ISO 21001:2018 certified by TUV SUD



*AI*gnite

Connecting Ideas, Creating Intelligence...



Annual
Magazine
2026



INSTITUTE 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.

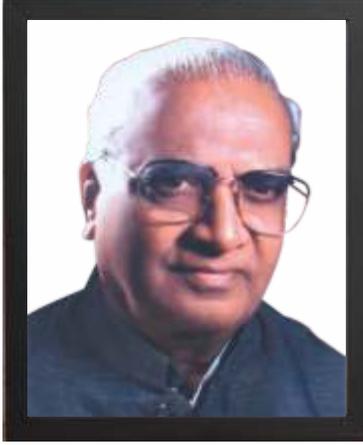


INSTITUTE MISSION

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



संस्मरण



Late Shri S. B. Patil

Founder Chairman

Pimpri Chinchwad Education Trust



Late. Smt. Lilatai Shankarrao Patil

Ex President,

Pimpri Chinchwad Education Trust



संपूर्ण जगाचं लक्ष असणारी उद्योगनगरी, पिंपरी-चिंचवड! सांस्कृतिक पुण्याजवळची साधुसंतांची भुमी, तंत्रज्ञान आणि अध्यात्म यांचा सुंदर मिलाप असणारी भक्ती-शक्तीची नांदी असणारी नगरी आणि या पुण्यनगरीत ३५ वर्षापूर्वी 'पिंपरी-चिंचवड एज्युकेशन ट्रस्टची' आपण स्थापना केलीत. ठिकठिकाणांहून आलेल्या सर्व पिंपरी चिंचवाडकरांसाठी व्यावसायिक व उच्च शिक्षणाचा एक सुयोग्य पर्याय निर्माण झाला. आज पिंपरी चिंचवाडची ओळख म्हणून या सर्व महाविद्यालयांकडे पाहिलं जातं. आज ही महाविद्यालयं अनेक यशशिखरं पादाक्रांत करीत आहेत.

समाजकार्याचं आणि शिक्षणाचं व्रत तुम्ही आमच्यात रुजवले आणि म्हणूनच कित्येक विद्यार्थ्यांची आयुष्य पी.सी.ई.टी. मध्ये आकार घेत आहेत. आज ३५ वर्षांचा एक मैलाचा दगड पार करीत असताना आम्हाला तुमची आठवण येते. कारण आज तुम्ही लावलेल्या रोपाचा वटवृक्ष झालेला आहे व त्याच्या सावलीतच उद्याची अविरत वाटचाल सुरु आहे. ईश्वर तुमच्या आत्म्यास चिरंतन शांती देवो.



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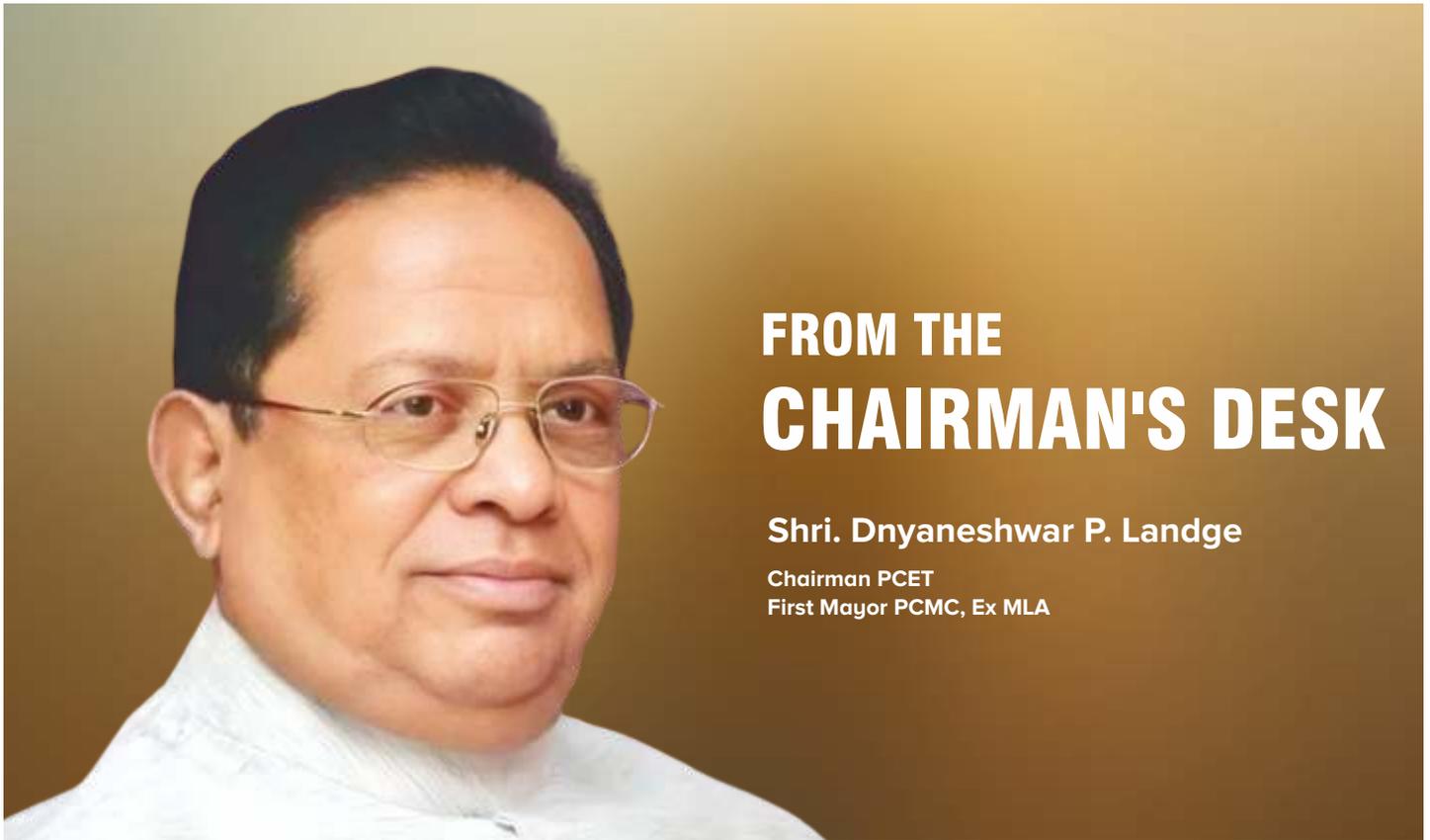


Shri. Harshwardhan S. Patil
Trustee



Prof. Girish Desai
Executive Director





FROM THE CHAIRMAN'S DESK

Shri. Dnyaneshwar P. Landge

Chairman PCET
First Mayor PCMC, Ex MLA

It gives me immense pleasure to extend my warm greetings to all the readers of the Annual Magazine of Pimpri Chinchwad College of Engineering (PCCOE). Pimpri Chinchwad Education Trust (PCET) was established in 1990 by the visionary leadership of Late Shri Shankarrao B. Patil, Late Smt. Lilatai Shankarrao Patil, Shri Dnyaneshwar P. Landge, Shri Vitthal S. Kalbhor, Shri Shantaram D. Garade, and Late Shri Bhajjan Kazi, with the noble objective of providing quality education from K.G. to P.G. The Trust was founded with a deep sense of social responsibility—to serve society, industry, and all stakeholders through value-based education and professional excellence in engineering, management, computer applications, and schooling.

PCCOE, as a proud institution under PCET, is guided by a clear 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. This vision is pursued through our mission of establishing state-of-the-art infrastructure, imparting the right attitude, skills, and knowledge for self-sustenance, and nurturing globally competent, sensible engineers, researchers, and entrepreneurs capable of independent thinking in challenging situations.

As Chairman, I have always believed that quality education must be strongly supported by adequate funding, modern infrastructure, and world-class facilities. Continuous investments have been made in advanced laboratories, digital learning resources, research facilities, green campuses and student-centric amenities. Equal emphasis has been placed on sustainable development goals by promoting energy efficiency, environmental consciousness, community engagement and inclusive growth across the institution.

PCCOE also aligns itself closely with the vision of the National Education Policy (NEP) 2020 by encouraging multidisciplinary learning, innovation, critical thinking, skill development, research orientation, and ethical values—preparing students not just for employment, but for responsible citizenship and lifelong learning.

The theme for this year, Artificial Intelligence, is reflected in our magazine titled Algnite. This edition celebrates innovation, creativity, and intellect — showcasing how technology and human imagination can together shape a smarter future. I congratulate the Director of PCCoE, the Editorial Committee of the Annual Issue, all the teaching and non-teaching staff and the students who have wholeheartedly contributed to making this edition of Algnite a grand success.



FROM THE DIRECTOR'S DESK

Dr. Govind N. Kulkarni

Director,
Pimpri Chinchwad College Of Engineering

It gives me immense pleasure to present the 2025–26 edition of our annual magazine, Algnite. This year's theme embodies the spirit of innovation and transformation that defines Pimpri Chinchwad College of Engineering. As the world advances rapidly through Artificial Intelligence and emerging technologies, PCCOE keeps giving students the tools they need to think critically, come up with new ideas responsibly, and lead ethically in this changing world.

Pimpri Chinchwad College of Engineering is an autonomous institute, permanently affiliated to SPPU, Pune. It is AICTE approved and ISO 9001:2015 certified. At PCCOE, our vision transcends mere academic excellence. We aspire to be recognised among the top 100 engineering institutes in India within the next five years. Our institution stands as a beacon of knowledge, innovation, and excellence. With over 1500 research papers and 200+ patents, our faculty and students continually push the boundaries of innovation and knowledge creation.

We are proud to be among the first implementers of NEP 2020 to its truest essence. Our inclusion of Multidisciplinary Minors, Regional language and value added courses ensure that we fulfill the very vision of NEP 2020. Through sustained efforts in research, interdisciplinary learning, and strong

industry collaboration, PCCOE has built a reputation as one of the leading centers for technical education and professional development. We are also the proud implementers of NEP 2020 in its truest sense. Our inclusion of Multidisciplinary Minors into the curriculum, the

As we enter this age of AI, our main goal is still to help our students develop their intellectual curiosity, moral responsibility, and global competence. The unwavering commitment of our faculty, staff, and students propels PCCOE toward increasingly significant achievements and novel realms of success.

I extend my heartfelt gratitude to every member of our college community for their contributions and commitment. May Algnite 2025–26 serve as a reflection of our shared vision and a celebration of innovation, creativity and collective excellence.



MESSAGE

DEPUTY DIRECTOR

Dr. Nilkanth Chopade

Deputy Director And Dean Administration

It gives me great pleasure to witness the publication of Algnite 2025–26, the annual magazine of Pimpri Chinchwad College of Engineering. This edition captures the essence of creativity, innovation, and academic excellence that characterizes our institution.

In an age shaped by Artificial Intelligence and technological progress, Algnite stands as a symbol of curiosity and exploration.

The NEP 2020 has been implemented in PCCOE right from its inception, during the academic year 2021-22. Our NEP-aligned curriculum design makes us stand apart from other Higher Educational Institutes. We are focused on maximizing the outcomes of our stakeholders, particularly our students, by emphasizing on the development of knowledge, skill and attitude, which is directly reflected through various student activities, including the Annual Magazine.

From thought-provoking articles and research insights to creative expressions and technical innovations, Algnite reflects the collective spirit of our vibrant PCCOE community. It celebrates not only academic growth but also the human imagination that drives learning and discovery.

The making of Algnite 2025–26 is a result of dedication, teamwork, and perseverance. I sincerely appreciate the efforts of the editorial team, contributors and designers who have worked tirelessly to bring this edition to life. Their commitment and creativity exemplify the values of excellence, collaboration, and innovation that PCCOE upholds.

As we continue to nurture young minds in this evolving era of AI and emerging technologies, may Algnite 2025–26 inspire every reader to think beyond boundaries, innovate with purpose, and contribute meaningfully to society.



MESSAGE DEAN STUDENT DEVELOPMENT & WELFARE

Dr. Padmakar Deshmukh

Dear Esteemed Readers,

It is both an honor and a privilege to present this edition of “Algnite – Connecting Ideas, Creating Intelligence,” our Annual Magazine dedicated to the exciting theme of Artificial Intelligence, as we celebrate the year 2025-26 as the AI Year at our institution.

This occasion is more than just the unveiling of a publication; it is a moment to reflect on the remarkable strides our academic community has made in embracing and advancing AI technology. Algnite serves as a powerful testament to the innovation, creativity and dedication of our students, faculty and staff as they explore the transformative potential of Artificial Intelligence across diverse fields.

The pages of this magazine capture the essence of our collective efforts—from pioneering research, thought-provoking insights and inspiring success stories to stunning artwork, in-depth features on student organizations and the shining achievements of our collegiate clubs. This magazine encapsulates the spirit of who we are and what we strive to be. It reflects our commitment to nurturing critical thinking, ethical responsibility and inclusive leadership in this rapidly evolving domain.

I extend my sincere appreciation to the editorial team, contributors, and everyone involved in bringing Algnite to life. Your passion and hard work have culminated in a publication that not only informs but also inspires us to engage boldly with the future.

May this edition ignite curiosity and innovation within each member of our community, driving us forward as we embrace the boundless opportunities that Artificial Intelligence presents.

May the spirit of this magazine inspire us all to reach new heights. Happy Reading!

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Magazine Team



Magazine Faculty Coordinators : Ms. Vithika Sidhabhatti, Ms. Shamal Kendre, Ms. Rebecca George, Ms. Prajakta Pendam, Mr. Sachin Shinde



Student Team:

1st Line - Heet Oswal, Ananya Gautam, Soham Zagare

2nd Line - Omkar Nikam, Arihant Bokadiya, Sharvil Adavale, Tanmayee Gaonkar, Aaryan Deshpande, Anuska Misra, Bhumi Mutha, Rutuja Pawar



EDITORIAL *Message*

Every generation carries a spark, a small curiosity, a thought, an idea waiting to grow. This year, our annual magazine takes that spark and lets it glow in a new direction through the theme “Algnite: Connecting Ideas, Creating Intelligence.” Even in a world where artificial intelligence is evolving every day, it is this human spark that continues to matter the most.

AI today is all around us, not just in machines or codes, but in the way we think, create, learn, and even imagine the future. And that is exactly what this magazine celebrates: the meeting point between the thoughts we share and the ideas that shape us.

When we began working on this edition, we realised that Algnite is more than a theme. It reflects the spirit of our students, who are diverse, curious, expressive, and always ready to explore something new. It represents that moment when a simple thought turns into a poem, an experience becomes an article, or a random idea becomes something worth sharing. Within these pages, you will find pieces created not by algorithms but by hearts and minds filled with creativity and emotion.

We wanted this edition to feel welcoming to every reader, whether you are here for inspiration, reflection, or simply to enjoy the words and ideas of your peers. Every poem, story, and article carries the effort of students who dared to express themselves freely, blending imagination with the world we are moving into.

At a time when AI is becoming part of our conversations, classrooms, and everyday life, this magazine gently reminds us of something important: technology may support us, but it is our ideas that truly ignite change. AI can help us discover new paths, but it is human creativity that gives those paths meaning.

This magazine is not just something you read; it is something you experience.

As you turn these pages, I hope you find something that makes you think, something that inspires you, and something that stays with you long after the reading ends. May this edition spark your curiosity, encourage your creativity, and remind you that the future is not only shaped by technology. It is shaped by us.

Best Regards,
Aaryan Sunil Deshpande

Message from our Deans



Dr. Shitalkumar Rawandale

Dean - Industry Institute Interaction

"The journey of our Training and Placement Cell has been exciting from just 2 job offers a year to over 2,000 annually, with packages growing from 3 LPA to 61 LPA. Beyond our campus, through Off-Campus and Pool Drives, we have impacted 13 lakh+ students, generating 35,100+ offers nationwide. Students are encouraged to take up internships, projects, aptitude and coding mock tests, while focusing on DSA and competitive coding for product roles. Our aim remains bridging industry needs and student readiness, and this year the focus is to do so by encouraging the responsible use of AI. Best wishes to all students and the magazine team".

This year marks a significant moment for PCCOE — the Year of Artificial Intelligence. With two autonomous batches graduated, our academic ecosystem now reflects flexibility and innovation. Aligned with the vision of NEP 2020, we continue to promote multidisciplinary learning and holistic student development. Autonomy has empowered us to design curricula that integrate research, technology and real-world relevance. The focus on AI inspires every learner to think critically and ethically in a digital era. Faculty-led initiatives strengthen our learner-centric and outcome-based academic framework. An Academic Strategic Plan (2025–2030) has been prepared to guide our institutional growth and excellence. All stakeholders — faculty, students, alumni and industry partners — are invited to contribute to this shared vision. Together, we aspire to achieve greater heights through collaboration, innovation and continuous improvement. Let this AI Year mark the beginning of a transformative decade for PCCOE — Autonomous, NEP-aligned, and Future-ready.

Best wishes!



Dr. K. Rajeswari

Dean - Academics



Dr. S.U. Bhandari

Dean - Faculty Development and Welfare (FDW)

It fills me with immense pride and joy to connect with you through this annual magazine. At PCCoE, we believe that empowered teachers create empowered students. The Faculty Development and Welfare Cell strives to nurture not only professional growth but also personal well-being, creativity, and a sense of belonging. Each initiative we undertake is a step toward building a vibrant, compassionate, and future-ready academic community. I deeply appreciate our faculty for their unwavering commitment and passion, and I wish everyone continued inspiration and fulfillment in their journey of learning and service.

Research and Development at PCCoE continues to evolve as a basis of our academic ecosystem, empowering both faculty and students to explore, innovate, and contribute meaningfully to society. We have consistently promoted a culture of curiosity-driven learning and research-led education. Initiatives such as the PCCoE-Kshitij Showcase Conference, the Young Researchers' Conference for undergraduate students, and the Research Symposium have become signature events that nurture early-stage researchers to gain exposure to scholarly communication and peer feedback. PCCoE is proud to introduce the Honors with Research Program from the academic year 2026–27 onwards. This initiative aims to provide motivated undergraduate students with a structured pathway to conduct guided research, publish their work, and graduate with a recognized research distinction. Our efforts to engage with industry and academia through sponsored research, consultancy projects, and innovation initiatives continue to expand, while our focus remains on strengthening our research ecosystem—one that values originality, ethics and societal relevance. I appreciate the editorial team for their efforts in compiling this magazine, which beautifully showcases the achievements and aspirations of our PCCoE community.



Dr. Narendra Deore

Dean - Research & Development



Dr. Swati Shinde

Dean - MIS

PCCOE is celebrating AI Year this academic year, reminding us that technology is not only about progress but also about responsibility. Every action online creates digital footprints that remain forever—so use social media wisely and ethically. Learning tools and large language models can guide your studies, but relying on them to finish assignments is fooling yourself. At PCCOE, we have established a new Data Centre and in the coming days, we are adding GPU computing and doubling internet bandwidth to strengthen computing capabilities. Along with global platforms, I encourage you to explore Indian alternatives like Zoho, Sandes, Koo, DigiLocker, and BHIM. As you innovate and create, always remember to contribute sustainably—let every effort add value not only to yourself but also to society. Let us ensure that our digital footprints reflect wisdom, effort and pride. Happy Computing!

As we celebrate the AI Year with the theme “Alignite – Connecting Ideas, Creating Intelligence”, we step into a future alive with possibility. Artificial Intelligence is not only transforming technology—it is inspiring new ways of learning, creating, and collaborating. Our library, with its rich collection of e-journals, dynamic digital library, and immersive recording rooms, is more than a place—it is a creative hub where ideas come alive, voices are amplified, and curiosity sparks innovation. By strengthening digital confidence, sparking critical inquiry, and connecting diverse perspectives, we empower students to become pioneers of intelligence. Together, let us embrace this future—exploring, imagining, and igniting brighter pathways for all.



Dr. Mahesh Kolte

Dean - Library and Learning Development



Dr. Roshani Raut

Dean - International Relations

The International Relations Cell at PCCOE continues to strengthen its international footprint through meaningful collaborations with reputed organizations across the world. Our outbound programs have provided students with valuable opportunities for cultural immersion and collaborative learning experiences. Simultaneously, our inbound initiatives have enabled us to host international students on campus, promoting an inclusive and diverse academic environment. With the introduction of international admissions, we look forward to hosting more students from around the world in the coming years, further enriching our campus diversity and promoting a truly global learning environment. This year, the 4th edition of Know Japan, 2nd Explore Germany, and the ongoing Indradhanu: International Grand Challenge on “AI for Climate Change” have further enhanced our students' exposure to global innovation and multidisciplinary learning. Looking ahead, we remain committed to strengthening global partnerships, promoting academic and research collaborations and building a vibrant international ecosystem at PCCOE. I extend my sincere appreciation to the editorial team in bringing out this wonderful publication and to all contributors for showcasing the vibrant spirit of our institute.

Quality Assurance Cell: Driving Continuous Excellence at PCCOE

The Quality Assurance (QA) Cell of PCCOE is committed to continuous improvement through evaluation, accreditation, and quality enhancement. QA plays a key role in NBA and NAAC accreditations, ISO certification, and institutional awards and rankings. The cell ensures compliance, documentation, and performance audits while promoting academic and administrative excellence. Notably, PCCOE achieved NBA accreditation for Postgraduate programs and a remarkable improvement in NIRF ranking, reflecting its pursuit of excellence. QA at PCCOE continues to drive growth through Accreditation, Ranking, and Quality Enhancement—ensuring value-based quality education for all.



Dr. Varsha Harpale

Dean - Quality Assurance (QA)



Dr. Rajni P.K

Dean - Innovation & Entrepreneurship (IEN)

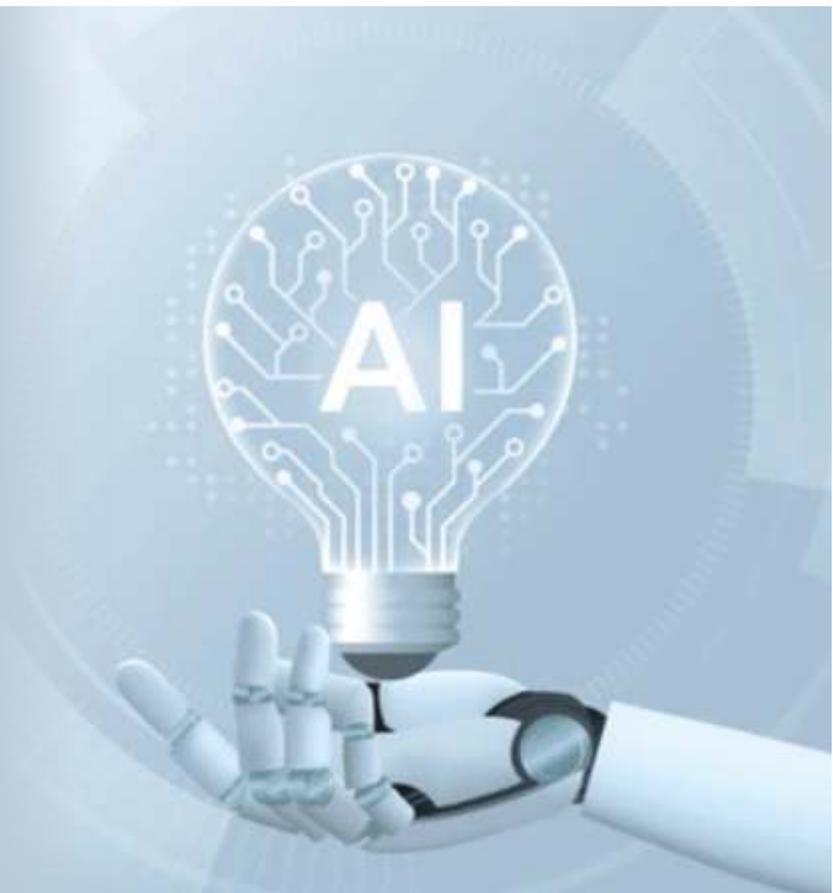
It is a matter of great pride to witness the release of *Algnite – Connecting Ideas, Creating Intelligence*, an edition that beautifully captures the essence of innovation at PCCOE. Through the lens of Innovation and Entrepreneurship (IEN), this magazine embodies our vision of nurturing creative thinkers who transform knowledge into impactful solutions. As we celebrate the AI Year, may this initiative inspire students to explore emerging technologies, embrace entrepreneurial mindsets, and lead with purpose. Heartfelt congratulations to the editorial team for illuminating the path toward intelligent innovation and societal progress.

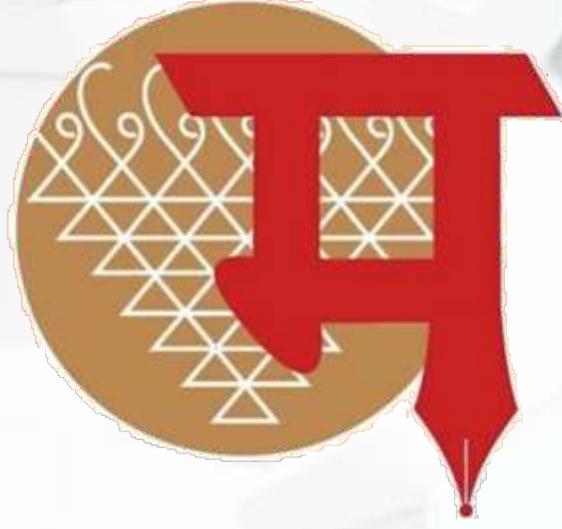
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Artificial intelligence is not a substitute for human intelligence; it is a tool to amplify human creativity and ingenuity.

”

-FEI-FEI LI





मराठी विभाग



Marathi Team - Omkar Nikam, Rutuja Pawar, Sharvil Adavale

नरक म्हणजे काय ?

नरक म्हणजे काय? मरण पावल्या नंतरच्या नरकाबद्दल नाही, तर सध्याच्या वास्तविक जीवनाबद्दल विचारतोय. प्रत्येकाची नरकाबद्दलची व्याख्या वेगवेगळी असू शकते. जर आमच्या युनिव्हर्सल व्हॅल्यू ह्या विषयाच्या शिक्षिकेला विचारले असते तर, कदाचित उत्तर मिळाले असते, "तुमचा वर्ग". एखाद्या परीक्षेत खूप मेहनत करूनही नापास झालं तर तो देखील कोणासाठी नरक असू शकतो. जर एखाद्या शेतकऱ्याला विचारलं, तर नांगरणी, पेरणी एवढं काही करूनही शेवटी जर पीक आलं नाही आणि त्यासाठी घेतलेलं कर्जही फेडता आलं नाही तर तो त्यांच्यासाठी नरक असू शकतो. पण नरकाची सर्वमान्य व्याख्या कोणती?

वर्षाच्या शेवटचा दिवस अर्थातच 31 डिसेंबर. माझ्यासोबत असलेल्या मित्रांनी मसाले भात बनवायचं नियोजन ठरवलं. कॉन्ट्रीही केली. रात्रीच्या वेळेस भात बनवायला सुरुवात झाली. एक जण कांदा, टोमॅटो अशा वेगवेगळ्या गोष्टी चिरत होता तर दुसरा चूल बनवायचं नियोजन करत होता.

शेवटी आमच्यातला एकमेव बावर्चीने कमान हाती घेतली. भाताचं संपूर्ण साहित्य त्याने टाकलं आणि भात शिजायला ठेवला. रात्रीचे साधारण दहा वाजले होते आणि भात सपाट अशा शेतीच्या मैदानावरच्या चुलीवर ठेवला होता. अचानक आमच्या त्या बावर्चीचे मित्राला कोणतं तरी काम आठवलं. तो म्हणाला, "तुम्ही भात हलवत राहा, मी थोड्या वेळात येतो."

भात एका मोठ्या भांड्यात शिजत होता. त्याला हलवण्यासाठी किमान दोन लोक लागत. एक जण भांडे पकडत असे आणि दुसरा मोठ्या उलतल्याने भात हलवत असे. यामध्ये खरी गंमत म्हणजे चूल असल्यामुळे खूप धूर लागायचा. "अरे बापरे, काही दिसत नाहीये, डोळे जळतायत!" एकाने खोकत-खोकत म्हटलं. दुसऱ्याने लगेच हात वर केला, "बस झालं, आता माझा नंबर नाही. दुसऱ्याला दे रे उलतन!" म्हणून आम्हाला बारी-बारीने हे काम करावं लागलं.

अर्धा तास निघून गेला पण भात काही शिजायचं नाव घेत नव्हता. "अरे हा भात एवढा हट्टी का झाला रे?" कोणीतरी वैतागत म्हणाला. आमच्यातील कोणालाच कल्पना नव्हती असं का होतंय. मग आम्ही

भातामध्ये आणखीन पाणी ओतलं आणि पुन्हा भात हलवायला लागलो. आणखीन अर्धा तास गेला, ते पाणीही निघून गेलं पण तरी काही भात शिजला नाही. म्हणता म्हणता दीड तास निघून गेला. हातावर भात घेतल्यावर तो अजूनही सहज तुटत नव्हता.

"आता हा भात शिजणार नसेल तर आपण उपाशीच बसूया!" एकाने थकलेल्या आवाजात म्हटलं.

अखेरीस आमचा बावरची मित्र आला. त्याने परिस्थितीचा आढावा घेतला. उलतन हातात घेऊन त्याने भांड्यात खोलवर घुसवला आणि भात हलवला. आम्ही पाहतो तर काय, भाताचा मोठा थर करपलेला होता. तो रागाने म्हणाला, "अरे देवा! इतकं साधं काम पण नाही जमलं तुम्हाला?" आम्ही फक्त चेहऱ्याकडे पाहत होतो. कोणी तरी हळू आवाजात बोललं, "भात बनवायचा सोडा, आम्हाला नीट भात हलवणंही जमत नाही."

आणखीन एका भांड्याचा बंदोबस्त करण्यात आला. चांगला राहिलेला भात त्यामध्ये ओतून परत गरम करायला सुरुवात केली. आमचं ठरलं होतं की बारा वाजताच आम्ही भात खायला बसायचं. पण प्लॅन फसल्यामुळे नवीन वर्ष उतरायला अवघे काही मिनिटं उरली होती. शेवटी त्या वेळेत जेवढा भात शिजला तेवढाच झाला आणि आम्ही ठरल्याप्रमाणे बारा वाजता बसलो. भात आताही पूर्ण शिजलेला नव्हता.

"चला रे, नवीन वर्षाची सुरुवात तरी करू. कच्चा असेल तरी पहिला घास एकत्रच खायचा," एकाने जाहीर केलं. आणि आम्ही सगळ्यांनी नाईलाजाने तो पहिला घास घेतला.

तर नरक म्हणजे काय? आपल्याला वाटल्याप्रमाणे प्रसंग न घडणं, म्हणजेच नरक म्हणता येईल.

-सशांत संजय निपटे
SY, AIML



वाचन विचार

सकाळचा वर्ग म्हणजे एकदम गोंधळ! प्रार्थना संपली, पण शिक्षक अजून आले नाहीत. तोपर्यंत मॉनिटरने फळा स्वच्छ केला आणि वरती एक मस्त सुविचार लिहून ठेवला "जेव्हा अक्कल वाढते, तेव्हा बडबड कमी होते."

आणि बास! गप्पा मारणारा वर्ग क्षणात शांत. एवढा प्रभावी सुविचार मी क्वचितच पाहिला. खरं सांगायचं तर असे विचार सुचायला वाचन आणि थोडा वेगळा विचार करणं गरजेचं असतं. म्हणतात ना "विचार करून वाचावं, आणि वाचून विचार करावं."

आपल्या मराठी म्हणींचं वेगळेपण म्हणजे त्या थेट अनुभवातून आलेल्या असतात. पण गंमत अशी की काही म्हणी थोड्या उद्धटसुद्धा वाटतात. "गाढवाला गुळाची चव काय" ही त्यातलीच एक! ऐकायला ती कदाचित कठीण वाटेल, पण तिचा अर्थ स्पष्ट आहे ज्याला एखाद्या गोष्टीचं ज्ञान नाही, त्याला तिचं महत्त्व कसं कळणार?

शिक्षक तर या म्हणींचे पक्के चाहते असतात. विद्यार्थ्यांच्या चुकांवर योग्य म्हण लावायची म्हणजे त्यांचा आवडता छंद. उदाहरण घ्यायचं तर - दोन विद्यार्थ्यांमध्ये वाद झाला की शिक्षक लगेच विचारतात,

"काय झालं?"

तेव्हा दोघंही एकमेकांचं नाव घेतात:

"त्याने केलं!"

"नाही, त्याने केलं!"

शिक्षक मग शांतपणे हसतात आणि म्हणतात "एका हाताने टाळी वाजत नाही बाळांनो."

तेवढ्यात भांडणाऱ्या मुलांपैकी एक जरा चिडूनच म्हणतो "पण दोन्ही हात तर त्याचेच होते, टाळी वाजवायला!"

अशा या छोट्या म्हणी, किस्से आणि शब्दखेळ रोजच्या आयुष्यात रंग भरतात. आणि खरं सांगायचं तर, शब्दांचा हा खेळ फक्त शाळेतच नाही तर बाहेरही दिसतो.

जसे की, आजचा काळ म्हणजे तंत्रज्ञानाचा काळ. एआय (कृत्रिम बुद्धिमत्ता) चा वापर सगळीकडे होतो. एकदा प्रवासादरम्यान "ए आय चहा" असा फलक पाहिला. नाव पाहून वाटलं, वा! काहीतरी भन्नाट तंत्रज्ञान असेल. आत गेलो तर साधाच (AI) अद्रक-इलायची चहा! हसू आलंच. हा शब्दखेळ होता, पण यातून हे लक्षात येतं की ग्राहकांना आकर्षित करण्यासाठी एआयपेक्षा माणसाची कल्पकता जास्त महत्त्वाची ठरते.

खरं सांगायचं तर एआयला स्वतःचे विचार नसतात. त्याला जे शिकवलय त्यावरच तो बोलतो. लोकांना नवल वाटेल असे नवे विचार तो कधीच देऊ शकत नाही. स्वतंत्र विचारांसाठी वाचन आणि अनुभव ही अत्यंत गरज आहे. उदाहरण घ्यायचं तर परीक्षा सुरू असताना पर्यवेक्षक कितीही सांगतील की "एकमेकाला मदत करू नका, तरी त्या केंद्राच्या भिंतीवर संत तुकाराम महाराजांची सुंदर ओवी लिहिलेली दिसते -

"एकमेका साहा करू, अवघे धरू सुपुंथं."

ही ओवी एवढी कालातीत आहे की, कृत्रिम बुद्धिमत्तेला अशी नवी ओवी

घडवणं जवळपास अशक्यच आहे.

वाचनामुळेच माणसाच्या मनात नवे विचार रुजतात. मला लगेच आठवंतं व.पु. काळ्यांचं वपुर्झा. त्या पुस्तकाला अनुक्रमणिका नाही; व.पू. म्हणाले "पुस्तक उघडा आणि जिथून इच्छा असेल तिथून वाचायला सुरुवात करा."

त्यांचे विचार डोळे उघडणारे आहेत. "स्पर्श न करता ही आधार देता येतो, हे ज्याला कळतं त्याला पालक शब्द म्हणतात" किंवा "शस्त्रक्रियेपूर्वी रोगी घाबरलेला असतो, पण बरा झाल्यावर तीच शिवलेली जखम तो कौतुकाने दाखवतो." साधे निरीक्षण, पण खोल अर्थ! -

पण एक गोष्ट खटकते, आजकाल आपण आपल्या मातृभाषेतलं वाचन फारसं करतच नाही. वेळ नाही म्हणून? की गरजच वाटत नाही म्हणून? वाचनाशिवाय दुसऱ्यांचे अनुभव आत्मसात होऊ शकत नाहीत आणि नवे विचार निर्माण होणं अवघड होतं.

अलीकडेच मी एका लेखकाची मुलाखत वाचत होतो. पत्रकारांनी त्यांना विचारलं -

"तुम्हाला वाचनाविषयी किती प्रेम आहे?"

ते हसून म्हणाले

"जर मला भरपूर पुस्तकं वाचायला मिळाली, तर मी जन्मठेपेची शिक्षा सुद्धा आनंदाने सहन करीन."

आणि खरंच, तेव्हा जाणवलं की वाचन म्हणजे फक्त छंद नाही; वाचन म्हणजे आयुष्य जगण्याची खरी शिंदोरी आहे. विचार, अनुभव, जीवनाची जाण - हे सर्व वाचनातूनच मिळतं. म्हणूनच तर म्हणतात -

"वाचाल तर वाचाल."

-सशांत संजय निपटे

SY, AIML



तीच्या मनाची कहाणी..



'ती'च्या मनाची कहाणी..
मनाच्या किनारी मनाचेच पाणी मनाचीच वाणी.. ही मनाची
कहाणी..

काय सांगू तिच्या मनाचे..?

वाटते कधी ती सुखी स्वच्छंदी ..
कधी वाटे कशी ती राहते आनंदी ..
स्वतःच स्वतःची ती स्पर्धक मनाची..
तुलना करुनी स्वतःला का डावले उगाची?

परत स्वतःच सावरे या लढवय्या मनाला
निष्कर्ष काढूनी 'काय उपयोग कुणाला?'
जिंकली तरी तीच आणि हार ही तिचीच..
मग तिच्याच या निर्णयाला का बाजू दूजी ?

माहित आहे तिला की हे सुख शाश्वत नाही
पण तरीही हे मन तिचे त्याचीच वाट पाही..
जगाला सल्ले देताना साऱ्या दुनियेचे शहाणपण,
पण स्वतः अडखळताना येई ना चुकांची आठवण..

असो..

तिच्या या भावविश्वात तिच तिची राणी..
अनुभव आणि स्व-अपेक्षांनी लिहीणार नव्याने
कहाणी..

जगाच्या या निकषांसोबत तुलना आता बास..
स्वतःकडे निरखून बघ.. आहेस किती खास..

~ श्रिया.

SY, Mechanical

आई

आई म्हणजे मंदिराचा कळस,
आई म्हणजे अंगणातील तुळस.
आई म्हणजे उन्हात मिळालेली सावली,
आई म्हणजे जणू विटेवरी माऊली.
आई म्हणजे मायेचा अनंत खजिना,
आई म्हणजे एक अमूल्य दागिना.
आई म्हणजे देवाची जिवंत मूर्ती,
आई म्हणजे जणू अखंड संपत्ती.
आई म्हणजे फुलांत गंध,
आई म्हणजे दुःखातही आनंद.
आई म्हणजे मागच्या जन्माचं पुण्य,
खरंच आईविना हे विश्वच शून्य.

- सायली.वि.पाटील
SY ENTC



श्रमाचे फळ

अंतरातील दुःख अंतरी ठेवावे,
श्रमाचे फळ संयमाने पाहावे।
प्रभू घेत आहे तुझी ही कठीण परीक्षा,
असे नको समजू, कसली आहे ही शिक्षा।
पावसाळ्याच्या पावसात तू आपले अश्रू वाहावे,
अंतरातील दुःख अंतरी ठेवावे।।

वीरभद्र महंत
SY, IT



आजच वास्तव



खोट्या वाणीचं राज्य पसरलं आहे इथे,
ते राजा हरिश्चंद्र आज आहे तरी कुठे?
कर्तव्य विसरून स्वार्थ साधलं जातं इथे,
तो श्रीरामांचा लक्ष्मण आज आहे तरी कुठे?
स्त्रियांवर अत्याचार होतो आहे इथे,
त्या राजमाता जिजाऊ आज आहे तरी कुठे?
मैत्रीचा अर्थ स्वार्थात गुंतवला जातो इथे,
तो श्रीकृष्णांचा सुदामा आज आहे तरी कुठे?
धर्मासाठी छाती ठोकून कोणी लढत नाही इथे,
ते संभाजी राजे आज आहे तरी कुठे?
ज्ञानाची किंमत पैशात मोजली जाते इथे,
ते तक्षशिला विद्यापीठ आज आहे तरी कुठे?
स्वार्थासाठी वचने मोडली जातात इथे,
ते प्रभू श्रीराम आज आहे तरी कुठे?
भाऊ बहिणीचं नातं व्यवहाराचं झालं इथे,
ते ज्ञानेश्वर मुक्ताई आज आहे तरी कुठे?
धर्माच्या नावाखाली रक्तं सांडलं जातं इथे,
ते अशोक सम्राट आज आहे तरी कुठे?
विद्यार्थी गुरूंना विसरतात इथे,
तो द्रोणाचार्यांचा अर्जुन आज आहे तरी कुठे?
नेते खुर्चीसाठी लढतात इथे,

ते शिवाजी राजे आज आहे तरी कुठे?
त्याग करणाऱ्यांना वेड्यात मोजलं जातं इथे,
ते महर्षि दधिची आज आहे तरी कुठे?
कर्तव्य आणि धर्माचं पालन सोडून दिलं जातं इथे,
तो धर्मराज युधिष्ठिर आज आहे तरी कुठे?
दान धर्माचा अभाव दिसतो आहे इथे,
मृत्यूच्या दारातही दान करणारा तो कर्ण आज आहे तरी कुठे?
या कलियुगात माणुसकी, नीतिमत्ता हरवली आहे कुठे?
पुन्हा आता सत्य आणि प्रामाणिकपणेचा सूर्योदय होईल का कुठे?

- सायली.वि.पाटील
SY ENTC



प्रेम

प्रेम म्हणजे पावसाळ्यातला थंडावा असतो,
मनात असलेला एक अतूट जिव्हाळा असतो.
प्रेम म्हणजे चांदण्यांनी भरलेलं गगन असतं,
शब्दांशिवायही जे समजून जाणार असतं.
प्रेम म्हणजे फुलांत दडलेला गंध असतो,
नकळत जाणवणारा सहवास असतो.
प्रेम म्हणजे डोंगरमाथ्यावरचं धुकं असतं,
दूर असूनही काळजाला गारवा देणारं असतं.
प्रेम म्हणजे शब्दांपलीकडचं नातं असतं,
मौनात सुद्धा स्पष्ट ऐकू येणारं एक गीत असतं.
प्रेम म्हणजे स्वतःला हरवून जाणं असतं,
फक्त नजरेच्या स्पर्शातूनच गुपित उलगडण असतं.
प्रेम म्हणजे कधी न उमगणारी कविता असते,
ते हृदयात केलेले एक खोल घर असते.
प्रेम हे शब्दांत व्यक्त होणारं नसतं,
ते कोणावर तरी केल्यावरच कळणारं असतं.

- सायली.वि.पाटील
SY ENTC



शेतकरी

दिवसरात्र तो शेतात राबतो,
मातीत ही सोनं पिकवतो.
त्याच्या कष्टाला काहीच नसतं मोल,
कुटुंब सांभाळता - सांभाळता जातो त्याचा तोल.
तरी पिकवण्यासाठी कंबर कसतो,
असा फक्त शेतकरीच असतो.
कधी पाऊस त्याला रडवतो,
तर कधी उन्हाणे तो जळतो.
पण एक आशेचा किरण घेऊन,
फक्त शेतकरीच उभा असतो.
आयुष्य संपतं पण उधारी नाही,
जगाचा पोशिंदा पण त्यालाच खायला नाही.
असा आहे एकमेव व्यापारी तो,
नेहमीच असतो कर्जबाजारी तो.
शासनाने फक्त वचने दिली,
पण मदतीच्या वेळी पाठच फिरवली.
काबाड कष्ट करूनही हरून गेला तो,
एके दिवशी दिसला झाडाला लटकलेला तो.....

- सायली.वि.पाटील
SY ENTC

फक्त तिच नव्हे, तर तो ही



तो ही कधी हरतो,
पण रडण्याचाही अधिकार त्याच्या जवळ नसतो.
तो ही कधी थकतो,
पण सहनशीलतेचा भार त्याच्यावरच असतो.
घरासाठी तो दिवसरात्र मरतो,
आणि मनातलं दुःख व्यक्त करणंच विसरतो.
स्वतःच्या वेदना लपवत असतो,
जबाबदाऱ्या सांभाळतच आपलं अस्तित्व विसरतो.
तो ही कधी तरी एकटा पडतो,
पण कुणालाच मात्र दिसत नसतो.
त्याला फक्त जबाबदाऱ्यांसाठी ओळखलं जातं,
कष्ट करता करता त्याचं आयुष्यच झिजून जातं.
तो ही कधी स्वप्न बघत असतो,

पण घरच्यांच्या सुखापुढे स्वतः हरवून जातो.
त्याला स्वतःला सिद्ध करावं लागतं,
पण अपयश आल्यावर दोषीही त्यालाच ठरवलं
जातं.
तिच्या वेदना, दुःख समजून घेतलं जातं,
पण त्याला समजून घेणारं कोणीच नसतं.
तिचा दिवस तर सर्वानाच आठवण असतो,
पण त्याचा कोणाला माहित ही नसतो.
तिच्या कौतुकासाठी तर बऱ्याच कविता रचल्यात,
पण त्याच्यासाठी काही ओळी ही नाही लिहल्यात.
आज त्याच्यासाठी काही तरी लिहावसे वाटले,
पण त्याच्या वेदना सांगताना माझे कलम सुद्धा
थकले.

- सायली.वि.पाटील
SY ENTC



Feature Interview

Charcha with Dr. Aditya Abhyankar

As Artificial Intelligence reshapes the future of every discipline, Dr. Aditya Abhyankar, Dean - Faculty of Technology at Savitribai Phule Pune University, shares his insights on how the next generation of engineers can thrive amid constant change. With expertise spanning pattern recognition, biometrics and signal processing, Dr. Abhyankar talks about curiosity, adaptability, and the mindset needed to innovate responsibly in the AI era.

We are grateful to Dr. Sanjivani Sonar and the MDS Team for arranging this interview for us.

Interviewed by Anushka Puri and Ananya Goutam



Ananya: Are there other emerging fields - like AI in healthcare, robotics, or quantum computing - that you believe students should prepare for in the coming years?

Dr. Abhyankar: AI is definitely the future of engineering - especially Generative AI. Traditional AI was impressive, but Generative AI is truly disruptive. It's fascinating to see how machines can now write, create images, and even compose music - things we once thought only humans could do.

I often say that your batch represents a remarkable transition - from BC to AD: Before ChatGPT to After Deepfake. You've experienced an unprecedented technological shift in just a few years. To thrive in this era, nurture your creative and natural intelligence. As long as natural intelligence drives artificial intelligence, all is well.

Everything circles back to research. If you can think originally, ask interesting questions, and aren't afraid to experiment, you'll always find opportunities. That's what machines are trying to do - and we must do it better.

Anushka: Do you foresee AI becoming an integral part of curriculum design, assessments, and personalized learning in this decade?

Dr. Abhyankar: AI hasn't just become part of education - it already is. Whether we realize it or not, AI is woven into almost everything we do. In some cases, it's visible; in others, it works quietly in the background.

Take examples like the Game of Thrones script written entirely by an AI engine, or the famous painting Edmond de Belamy, created by an AI and sold for 45 lakh US dollars. Even something as common as CAPTCHA uses AI to distinguish humans from bots.

Large Language Models (LLMs) - the technology behind systems like ChatGPT - have been shaping how we interact with information for years. ChatGPT was just the beginning. AI is now inseparable from how we learn, assess, and think.

Ananya: Many students are excited as well as anxious about "AI taking over jobs." What's your message to young engineers about coexisting and thriving alongside AI?

Dr. Abhyankar: Jobs are not going anywhere. Every new technology changes the nature of jobs, not their existence. AI should be seen as an assistive technology - one that enhances our productivity. Tasks that once took six months can now take six hours, provided we use AI wisely.

To succeed, we must rely on research and critical thinking. The ability to ask questions, think independently, and understand the underlying logic of systems will define your success. Remember - AI relies on human intelligence. Without a solid conceptual base, even the best AI tools are useless.

The key is to move beyond rote learning and focus on deep understanding. Be curious, experiment, and think critically - that's how you'll not just coexist with AI, but excel alongside it.

Anushka: From your perspective, what upcoming technologies will define the next decade of engineering - and what should students begin learning now?

Dr. Abhyankar: In the next five to ten years, AI, Machine Learning, and Data Science will dominate. Alongside them, drone technology and 3D/VFX systems will play massive roles across industries.

But the real challenge is that we can't predict what technology will lead to after a decade. That's why the most valuable skill isn't learning any specific tool - it's the ability to learn, unlearn, and relearn.

I often compare it to the old gurukul system in music. A disciple would learn a single raag for years - not to master that one tune, but to master the process of learning itself. Once you've understood that, you can teach yourself anything.

The same applies to engineering. Learn deeply, unlearn rigidly, and relearn quickly - that adaptability will define the engineers of the future.

Ananya: In your opinion, what kind of engineers does the country - and the world - need today?

Dr. Abhyankar: We need engineers who are not just skilled, but thoughtful - people who balance imagination with logic. Creativity in engineering isn't about wild ideas; it's about rational innovation.

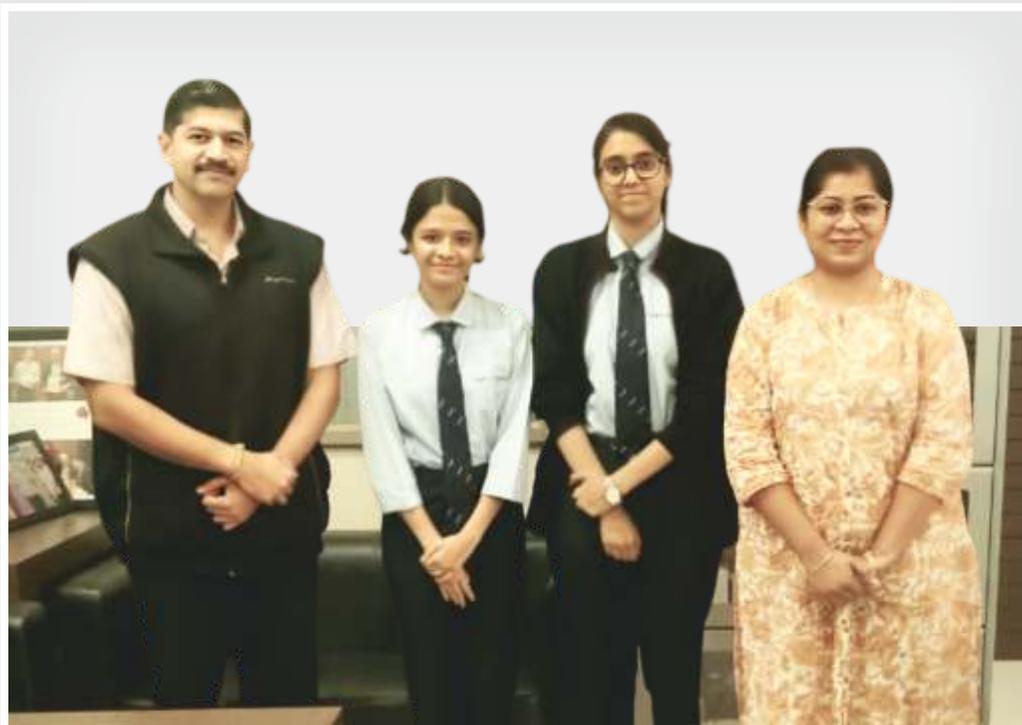
Let me give an example. Think about calculus - derivatives and integrals. A derivative measures change; in life, it's how you evolve from one point to another. When you look back and connect those moments, that's integration. Everything - from calculating a sprinter's speed to designing machines - is rooted in calculus.

So, the world needs engineers who combine creativity with comprehension, and innovation with mathematical depth. That's the balance that drives true progress - in data science, AI, or any future technology.

Anushka: What's one common mistake young engineers make when trying to innovate - and how can they avoid it?

Dr. Abhyankar: The most common mistake is lack of depth. Many ideas look impressive on the surface but lack the research and substance needed to stand out. Shallow ideas are easy to replicate - deep ones are not.

Spend time experimenting, understanding your concept thoroughly, and then back yourself with confidence. Every new idea attracts criticism - that's part of innovation. Believe in your process. Innovation thrives on two things: depth and self-confidence.





English Section



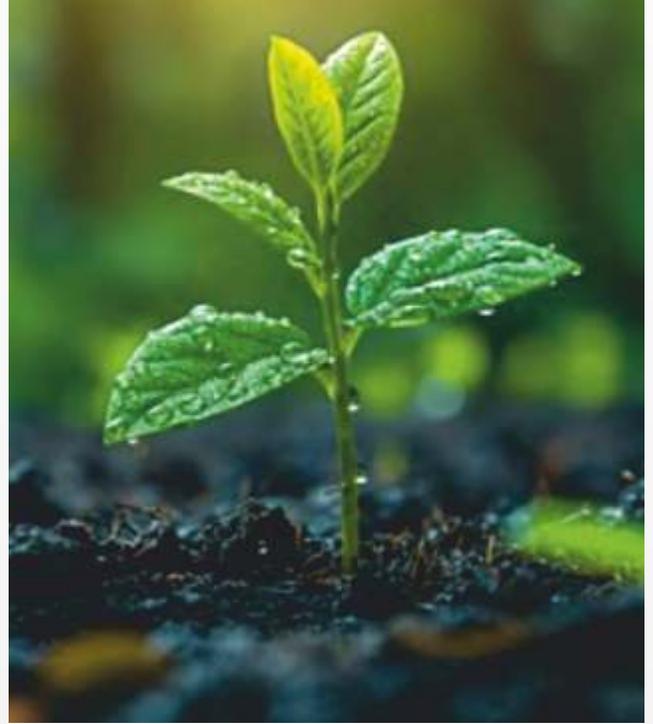
1st Line : Heet Oswal, Ananya Gautam, Soham Zagare

2nd Line : Tanmayee Gaonkar, Aaryan Deshpande, Anuska Misra, Bhumi Mutha

MORNING ARRIVES

Morning comes with shy hands,
pulling the curtains open slow.
The sun doesn't wait for permission

it simply begins to glow.
Every ending hides a doorway,
like paper folding into flight.
Wounds may ache for a while,
but even scars learn to shine.
I take a small step forward,
still unsure where it will lead,
but in my pocket I keep
a little light for the road ahead.



Pooja Chandre
TY Mechanical
MDS - Literature

Dreams

At night, the stars assemble in the silent hall of the sky like lanterns.

Two dreams whisper softly inside of me, fearful of the noise of the
outside world.

They are merely sparks waiting to be released they are not yet
promises.

All of them are delicate, but even delicate wings have the power to
uplift the heart.

Morning asks me to gently bring them into the light.
Some will rise higher while others may break or falter.

Dreams are seeds that require faith; they are not completed tales.

I then move forward while carrying my dreams in my pocket like
stars



Pooja Chandre
TY Mechanical
MDS- Literature

IN THE EMBRACE OF THE MOON

It shines so beautiful,
It makes you stop,
Every time you see.
The more you stare
You won't stop- I dare.

Alone, still so beautiful,
Scars, yet so soulful.
Shines in the darkest,
And still the dearest.

Listens to all your explanations,
Without being told;
By being the best companion
You could ever hold.

Makes your heart flutter,
Heals you from all the clutter;
Teaches you to go through phases,
And still shine brighter as always.

Sometimes there,
Sometimes nowhere,
But you do know

It's always there- hidden somewhere.

- AafreenMujawar
FY ComputerEngineering



A TEENAGE BOY

I am a teenage boy and that I must grow;
My eyes fill with tears, but can't let them
flow.

I'm a teenage boy and that how I must
grow;

The girl I trusted broke my heart;
It took just a few minutes to tear me apart.
Through depression and pain,
The worst advice I took - a sniff of cocaine.

Later I realized it was a mistake,
But I was swallowed by my ego like a
baited lake.

It only took courage to apologize,
Yet my ego led me to criticize.

I made mistakes, but that's alright,
No one to guide me or tell me what's right.
My marks decide if I'm bright,
While peer pressure holds me tight.

It's high time now - I must rise,
All I need is a piece of advice.
People expect me to be strong, to play the
hero,
Cause I'm a teenage boy — and that's how
I must grow.

-Atharv Ramakrishnan
-FY Mechanical Engineering



Brave Lads

Live with greed, fight for more,
People never learn to settle the score.
Out for each other's neck,
For power is all they seek to protect.

Not their fight, not their fault,
Yet they fall while we let power assault.
Leaving their loved ones, they fight for
ours,
For the nation is their mother, and the
tricolor is their power.

With coffins on their shoulders, forward
they march,
Through fire and storm, through the night
so dark.

Not for greed, not for gold,
But for a duty, fierce and bold.

The echoes of bullets, the cries of pain,
Yet they smile, they bear the strain.
For the land they call their sacred ground,
For the freedom that must resound.

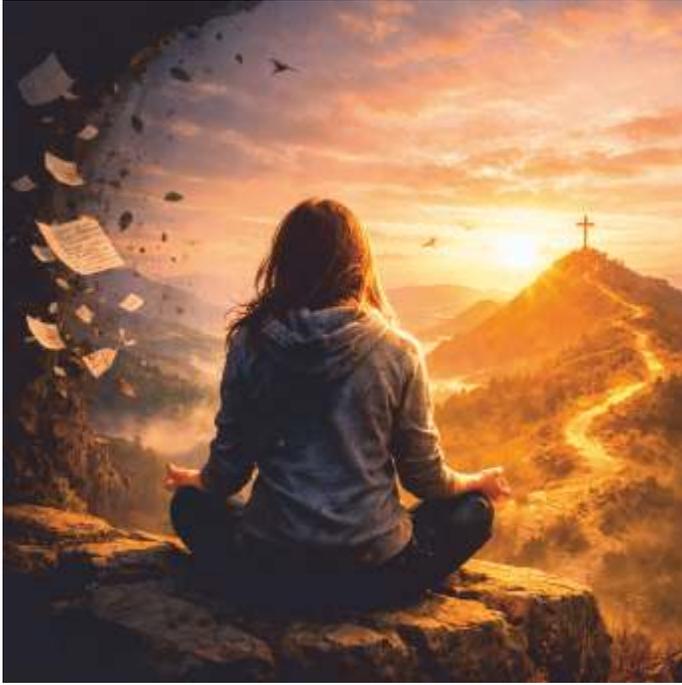
While we sleep, they stand awake,
A silent promise they never break.
Salute to those who never sway,
Who give their all, then fade away.

Jai Hind!

-Swastika Sinha
-SY IT



I Changed



I used to be the person I really want to be,
but this world changed everything about
me.

It made me starve for love and warmth;
It made me feel I am wrong.

It made me feel insecure in all possible
ways;

It made me feel timeless in all these days.
It made me feel guilty for things I haven't
committed;

It made me feel empty and unfitted.
Finally it did made me dislike myself
and took away everything that I had for
myself.

The warmth I needed was long gone,
and the feeling of love was never born.

Hid myself in a burden of thoughts,
and decided to choose a very wrong
path.

Acquired the insecurities which I never
had

Felt ashamed and made me sad.

Scrouching on the sofa was worthless
all these times,

I sat back in fear and wasted all my
time.

Guilty was my mind so was I,
but the thought of dying was far too
high.

With empty heart and empty mind,
I can't find a place of mine.

Disliked me for somebody not me.

Disliked my life, yes indeed.

Changed my path, altered my ways,
disowned the insecurities and paved
the way.

I no more starve for love,
as I believe in god and godlove.
World made me feel I was wrong,
but it just made me more strong.
No more empty and no more guilty.
More of steady and a little bit messy.
And this is how I changed,changed
again;

But this time for a better end;

But this time - for me.

-Maitri Sudrik
FY AIML

Past that lingers....

Those days felt golden — mornings warm like a soft hug,
And nights that sparkled like whispered secrets in the dark.

Every sunrise brought comfort, every sunset, peace —
No worries, no rush, just time standing still.

But those memories now feel distant, like echoes fading away.

Fear and doubt have swallowed what once felt so certain.

I catch glimpses — warm laughter, bright faces —
But they slip through my mind before I can hold on.

Time moved on, and so did they — chasing dreams, chasing life.

Now all I see are struggles to survive,
Breaths too shallow, moments too fleeting to feel alive.

I reach back, but my hands can't grasp what once felt so clear.

Were those moments real? Or just dreams I once believed in?

All I know is I miss it — that warmth, that light, that feeling... so much.

Swastika Sinha

SY IT



Tides of Inequality

The lives of people in the Sundarbans, a region molded by rivers, tides, and harsh environmental conditions, are examined in Amitav Ghosh's novel *The Hungry Tide*. The novel highlights the disparate opportunities that people have based on their social and geographic backgrounds, in addition to the inherent difficulties. It emphasizes how two individuals who are equally passionate and dedicated may follow very different life paths due to their birthplace or upbringing. This project centers on Piya and Moyna, two characters who share similar dedication and skills but have very different access to opportunities. Furthermore, the relationship between Kanai and Fokir serves as an example of how opinion, trust, and understanding are influenced by social and environmental context.

Scene 1: Dreams across tides (Piya and Moyna)

Setting: A riverbank evening. Amidst the distant calls of birds, the water is bathed in a golden glow from the sun. After a long day of fieldwork, Piya and Moyna relax on the riverbank.

Piya: (looking at the water) "It's incredible that so much life is flourishing here. However, I'm curious as to how you are able to dream outside of these boundaries, Moyna.

Moyna: "Dreams?," she said softly, looking down. I possess them. However, they seem to drown before they even make it to the surface. I work hard, observe, and study, but the outside world hardly notices me.

Piya: It's unfair. We share the same curiosity and passion. But the world gives me so much and you so little. Why should who is allowed to pursue their dreams be determined by geography?

Moyna: (slightly trembling) "I've been wondering that every day. Perhaps the villages themselves, the river, or the tides keep me where I am. It feels invisible here, even when I succeed.

Piya: (placing a hand on Moyna's shoulder) "You deserve the same doors, the same chances I have. Talent alone shouldn't be invisible."

Moyna: (smiles faintly, with hope) Maybe one day... maybe the rivers won't divide dreams from opportunity.

Piya: (gently nodding) Then we'll make absolutely

certain of it... together.

Conclusion: Despite their equal commitment, Piya and Moyna's opportunities are determined by social and regional factors. Moyna's potential is limited by infrastructure, geography, and social norms, whereas Piya's background gives her access to education, research, and recognition. The novel emphasizes the disparities in life beginnings and the invisible obstacles that talent frequently fails to surmount.

Scene 2: Kanai and Fokir

Setting : On a small boat traveling the tidal waters of the Sundarbans. A peaceful atmosphere is created by the river's reflection of the evening's fading light and the soft sound of the water's lap.

Kanai: (with impatience) "I sometimes question why I even collaborate with you, Fokir.

You're really annoying. Doing things your own way at all times!

Fokir: (calmly, with a slight smile) "I do what I have to, Kanai. Patience is taught by the river. You want everything to happen quickly, neatly, and predictably.

Kanai: (clenching his jaw) "I dislike your stubbornness! And how, despite my superior planning and greater knowledge, people still trust you over me. It's... unjust!

Fokir: "Ah, Kanai, the river doesn't care about fairness," he says with a gentle, playful laugh.

People don't either. Perhaps you dislike me because I

don't make an effort to act like you.

Kanai: (thinking, pausing) "Maybe, but it still irritates me." I work with ideas and maps. and you just... feel the river, and everyone follows."

Fokir: Maps can help you, Kanai, but they can't teach you how to live with the tide. I listen to life itself, not just rules, which is why you despise me.

Conclusion:

Kanai and Fokir's conversation emphasizes how crucial social and environmental context are in determining perception and aptitude. Fokir's lived experience and intuition stand in contrast to Kanai's formal education and methodical approach. Both possess knowledge, but

Fokir has a practical advantage due to the difficult environment of the Sundarbans, demonstrating that opportunity and context are more important than talent and skill alone.

This issue remains highly relevant today, children from different regions or social backgrounds continue to face unequal access to education, jobs, and opportunities. The novel reminds us that true potential can only flourish when barriers are addressed, and that society must create spaces where talent, passion, and hard work are recognized, regardless of one's circumstances.

Aradhya Shinde
TY Civil
MDS - Literature



Beyond the Applause: Finding Herself

And she made it! She made it to 'HAPPY HER' again!



You know, society needs every kid to be a topper. They will hold you safely in their palms when they see you succeed. 'Careful!' One failed step, and those palms flip over in no time. But why is it always about success? Why is it never about experience but always about results, never about skills but about marks? Why do we always have to defend ourselves when we don't live up to societal expectations?

During her drop year, her mind was filled with unanswered questions. She wasn't dumb, but she had lost the interest, the urge to compete, the excitement to achieve, and the joy to celebrate.

Although her parents never placed any burdens on her, she felt burdened by their lack of expectations. Here she is after having failed once! Ready to disappoint the overexpecting society again.

Want to talk about the aftermath of these failures?

Nothing much. She witnessed her friends advancing in their lives while she was still finding the path to chase. She noticed the gradual deterioration of her physical and mental health; she gained the art to suddenly lose her temper, to immediately don a mask that conceals what she feels.

Congrats to her so-called 'well-wishers'; they made her lose herself in the very teenage years.

She learned to smile when she didn't feel like it, to nod when she disagreed, and to answer when she had nothing to say. The world didn't pause for her doubts; it moved on, ruthless and indifferent. Every comparison, every casual remark about "not keeping up," felt like a weight pressing down on her chest.

But amidst the chaos of unmet expectations, she found

fragments of herself. In the quiet hours of the night, when the world was asleep, she remembered what she loved before the world decided what she should love. The books she abandoned, the sketches left unfinished, and the songs she never sang aloud—they whispered to her still.

It wasn't immediate, nor easy, but she began to reclaim herself. She stopped measuring worth by society's yardstick. She realized that failure was not a label but a lesson, a mirror showing what needed care, what had been ignored, and what could still bloom. Her happiness became less about accolades and more about moments—the laughter that came without reason, the curiosity that wasn't judged, and the peace in simply being.

Her path became her own, jagged and uncertain, yet thrilling in its honesty. Society's applause no longer dictated her pace. She understood that living in fear of disappointing others was a cage; stepping out of it was the first step toward freedom.

And so, she moved forward, not as a perfect student nor as a society-approved success story, but as herself. Fragile, flawed, fierce, and free.

As in the end, happiness isn't a grade, a trophy, or a title. It's the quiet victory of knowing that you didn't just survive the world's expectations; you survived yourself, and in doing so, found a life worth living.

Khushie Niteen Mohod
SY Computer

I am Helpless, again!

When I'd put my head between my knees,
squished tightly and wailed
I forced my water-scarce lacrimal to excrete
Droplets more on my cheeks that sailed
My eyes, Her heart
cried in union
When I was helpless!

She, who woke me up to the reality of this world's
disease
Of being cruel to the people that God beloved
I urge, "Grandma, take me in your arms, one more
time, please,"
Filled with the sweetness of the motherly love,
Warmth and her own lively sound world, my queen
You were my savior
When I was helpless!

Between the beautiful, slender coconut trees and
spacious grounds,
Stood a stone house, where bred a story
Of this lady legendary:
Dear one, when are you coming to meet this old
lady?
She asked her tiny tot who was me,
"You are not old; you are my young grandma!"
Squeaked her tiny grand-daughter
Ecstatic about their yearly arrival
Her wrinkled hands make it to the device
peculiar. To ask this monotonous question
Even years later, as it seems nice.

When the wheel of time willingly
Whirled, so did her situation deteriorate
Time weakened her, pulled her plump physique
By her collar, like a silent killer, who pushed her
life's gate
And shrunk her to her thinnest version.

My eyes moisten
Hearts wrench to hear her distorted
Voice that sounds like a crisp dry flower
Crushed under my own rude feet,
same whim. Same question,
her milky eyes silently roar
And gaze, all the way
Towards the central door
She longs to see those children, and not the
suffocating walls
Who don't look for her today
Except for her defiant diabetes and cholesterols.

I can feel her, n' listen to her thoughts..
Wants to hear the chitters and chatters
Not the scream of that silence, pin drop

Today, her eyes, my heart
Cry in unison; Her mind screams:
"The darkness horrifies me
The silence terrifies me to death
My children are away
What If I die? What if..?"
But keeps mum about it
Feelings remain the same, but beautiful scenarios
erode to become painful
Between the beautiful coconut trees and spacious
grounds and a stone house,
Breeds a story of a lady legendary
Doused on the bed

My throat sours steadily
I force a bit of my saliva to go all the way down
To support it and provide moist
But all in vain

Head to toe, she rebels
Palms sweat with the anticipation of her future
My heart beats me unceasingly
Piercing my mental state

With this thought,
Today I feel helpless again
I apologize to my savior, my grandma,
I am helpless again
Take me in your arms
For one more time
Take me in your arms
For the very last time!

Dyuthi Raviprasada Alva
FY Computer



THE OTHER SIDE OF CELEBRATION

At home, Diwali always unfolded like clockwork. Fairy lights draped across the balcony, diyas lined up neatly by my mother, the smell of ghee and sugar wafting from the kitchen, and the endless parade of mithai boxes exchanged with neighbors. Inside those walls, celebration felt like a given — not questioned, not earned, just expected.

That year, my college break meant I was home for the festival after months away. The city already felt different — brighter, louder, alive in a way that textbooks and assignments never could be. Our lane was buzzing with preparations. Kids from nearby flats paraded in new clothes, their hands sticky from sweets, their pockets stuffed with tiny crackers they'd light as the evening grew darker.



After the puja, the house was crowded with relatives. Laughter bounced off the walls, plates overflowed with laddoos and barfis, and my cousins begged me to come outside and help them with the fireworks. For a while, I did. We lit rockets, watched them disappear into the sky, and cheered at the bursts of color above. Everything around me was familiar, safe, glowing.

But after dinner, I slipped out alone for a walk. I wanted quiet — or at least my own version of it — away from the chaos of cousins fighting over who got the next phuljhari. The streets were alive with the smell of gunpowder, trails of smoke curling into the night. Bursts of laughter rose and fell, punctuated by the sharp crack of firecrackers. The city looked like it had been dipped in gold.

And then, at the far end of the lane, I noticed something I had somehow missed every year before. Near the garbage bins, half-hidden in shadow, sat a family. A woman wrapped in a worn shawl, her face tired but alert, and two children leaning against her. Their belongings were tied up in a cloth bundle, as if their whole lives could be packed into one knot.

The younger child, a girl no older than eight, clutched a sparkler. It wasn't new — someone must have discarded it after it burned halfway. She lit it from the stump of a diya nearby, and for a few seconds, the flame burst alive, illuminating her face. She squealed with delight, spinning in a circle as though she had just been handed the whole festival.

Her brother clapped, cheering her on, before she stopped, staring as the spark slowly fizzled out. She shook it desperately, trying to coax more light from the dying stick, but nothing came. For a moment, her eyes followed the glow of fireworks in the distance — rockets bursting in colors she could only watch, never touch.

I stood frozen. On one side of the road, balconies like mine dripped with fairy lights, music spilled into the streets, and boxes of sweets were still being opened even after stomachs were full. On the other side, this child clung to a half-burnt sparkler like it was her only gift from the festival.

I thought about my cousins inside, arguing over which cracker to light next, dismissing sparklers as “too boring.” I thought about the stack of untouched sweets sitting on our dining table, the ones we'd complain were “too much” in a day or two. And then I thought about this girl, whose entire Diwali seemed condensed into that fading piece of light.

The firecracker smoke stung my eyes, but I knew it wasn't just the smoke. For the first time, the celebration I'd always taken for granted looked different — uneven, divided. Not because the joy was missing, but because it wasn't shared.

I didn't approach the family. I don't know why. Maybe it was hesitation, maybe guilt, maybe fear of turning their reality into a fleeting story for my own conscience. Instead, I walked back home slowly, my shoes crunching against the remains of burnt crackers scattered across the street.

When I returned, the house was just as I had left it — cousins laughing, music still playing, trays of sweets being passed around. I slipped back into it, smiling, answering questions, pretending I was still the same. But something inside me had shifted, quietly but permanently.

Festivals had always meant abundance to me — food, light, laughter, people. That night, I realized they could also mean longing, distance, and the quiet ache of watching joy from the outside.

And every Diwali since, no matter how many diyas we light, I can't help but think of that little girl with her half-burnt sparkler — a reminder that celebration doesn't belong equally to everyone, even when it happens on the same street.

Mannat Raina
SY ENTIC

Podcast With Panchali

The Rajasuya Yagya, Shishupal's Death, the Saree and the Vastraharan

VAJRA:

Welcome, dear listeners, to a journey across time, where the voices of the past speak into the struggles of our present. I am Vajra, and in this series, I sit with one of the most enduring figures in all of literature: a woman born of fire, remembered in war, and forged in injustice. She is Panchali. Draupadi. A queen, a survivor, a flame that refused to be extinguished.

Her story stretches across triumph and loss, love and betrayal, glory and humiliation. But for today's journey, we begin not at her birth and not at her swayamvar, but at the moment that stands at the very centre of the Mahabharata itself.

The height of her fortune. The moment when the Pandavas reached their greatest splendour.

Because it is from that very peak... that the deepest fall begins.

Panchali, let us begin there, at the Rajasuya Yagya, the turning point of everything that followed.

[Soundscape shifts: conch shells, chants, the hum of a vast gathering.]

Panchali:

The Rajasuya Yagya was the crown of our reign, Vajra. The Mayasabha gleamed with illusion, crystal floors like water, pillars reflecting endless light. Kings from across Aryavarta filled the hall, bowing to Yudhishtir as emperor.

And among all the jewels and crowns stood Krishna, unadorned, yet brighter than all. When Yudhishtir chose him for the agrapuja, the hall held its breath. Most bowed in reverence. But Shishupal burst into rage.

He hurled insults at Krishna, questioning his birth, mocking his deeds, scorning his honour. Krishna listened silently, keeping his promise to forgive a hundred insults.

When Shishupal crossed that limit, the Sudarshan Chakra flashed. In a heartbeat, he fell. Silence replaced his rage. Dharma had acted.

Later that day, Krishna cut his hand. Without a second thought, I tore a strip from my saree to bandage it. He looked at me with those timeless eyes and said, "I will return this gift when you need me most." I didn't know how much those words would one day save me.

VAJRA:

Listeners, it is striking how the seeds of destiny are planted in moments that seem small. But Panchali... from this peak of glory, everything began to shift. Take us to the moment where fortune turned into ruin.

[Sound fades, replaced by the hollow echo of dice rolling.]

Panchali:

Duryodhana left the Rajasuya burning with humiliation. My laugh at the Mayasabha, when he mistook a crystal floor for water, wounded him deeper than I intended. Shakuni fed that wound with poison.

Yudhishtir agreed to the dice game.

He lost gold, land, and then his brothers.

Still, he played.

And then... he staked me.

Dushasana stormed into my chambers and dragged me by my hair into the Kuru court. My dignity, my queenship,

everything was shattered in that moment.

I stood before the elders, Bhishma, Drona, Kripa, Dhritarashtra, and I asked:

“Can a man who has lost himself stake his wife? Am I won or not won? Is this dharma?”

Bhishma looked down and whispered, “Dharma is subtle.”

The others stayed silent.

Even my husbands, bound by vows and defeat, could not rise.

And then... Dushasana seized my saree.

I closed my eyes. I stopped holding on. And I called:

“Govinda... save me.”

Cloth flowed. Saree upon saree. A river without end.

No matter how hard he pulled, I remained covered. Krishna kept his promise; the tiny strip of cloth I gave him returned to me as endless protection.

Bhima roared his oath to tear open Dushasana's chest and to break Duryodhana's thigh.

And Vikarna, alone among the Kauravas, stood up and declared that I had been wronged.

But the shame was done. The silence of that court echoed louder than any scream.

[Original outro begins]

VAJRA:

Listeners, today's chapter took us through the height of power and the depths of humiliation. From Rajasuya's glory, through Shishupal's death, to the dice game, the dragging, the endless cloth. We heard Panchali's voice, trembling yet unbroken, demanding answers from kings, teachers, husbands, and receiving only silence. But her fire did not die. It grew. It became the spark that lit Kurukshetra. Panchali's questions are still ours to answer. Will we too be silent? Or will we rise when dharma is trampled, when a woman is dishonoured?

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THE UNFAMILIAR WARMTH



Leaving my hometown was one of the hardest things I have ever done. Until then everything felt safe and familiar within the walls of my house, my parents' voices echoing through the house, waking up to the aroma of home cooked food. I had cocooned myself so much that I had made my room my whole new world. But everything changed when I packed my bag and moved to another city—the one I had just heard of but never been to. The second I stepped out of my house, I started feeling separation anxiety. The journey was long. My body fell asleep, but my mind couldn't.

The moment I stepped into my small hostel room, the walls felt strange, everything felt unfamiliar and there was no familiar voice. On that night when I slept on the hostel bed, it didn't feel like mine and then I realized how much I have taken my comfort zone for granted.

Days went by and thus began the real struggle of living in a whole new environment with a different atmosphere, water affected my health as well. For days I ate alone in the mess, the food in the mess was not what I was used to. I missed the meals cooked by my mom and I still do miss the warmth of every bite, the flavor that reminds me of my home. The hostel food made me realize that food is not just about eating; it's about love, care and comfort.

When I was at home, life felt so light. I was never really worried about anything, because deep down I knew my parents were always there. But ever since I came to hostel, every thing felt so different and honestly very hard, every small task that my parents once did for me now carried the weight of their love, and I finally understood how much care and love was hidden in those mundane everyday things.

Now, from managing my whole schedule to washing clothes and doing everything by myself, I started getting a little taste of adult life. Slowly that bond developed between me and my roommates; we laughed together, we cried together till late nights and supported each other through our homesickness, making great memories together.

Now every time the excitement of going home back and feeling of having home cooked food totally shows that even after growing out of our comfort zone there is still a part of us that craves for that kind of comfort and love. This journey of mine taught me that growth never comes with ease. You grow when you confront discomfort and stand out independently.

Sohani Koul
FY Computer

When East Meets West

Romeo & Juliet (Shakespeare) & Shakuntala (Kalidasa)

When I think about Romeo and Juliet alongside the tale of Shakuntala, I feel as though I am holding two mirrors to love—one that reflects its tragic intensity and another that reflects its enduring patience. Shakespeare's lovers burn quickly and brightly, their passion so fierce it consumes them, while Kalidasa's heroine waits in the quiet endurance of virtue, her love tested by time, memory, and fate. And yet, across these cultural distances, both stories circle around the same truths: love resists, love suffers, and love transforms.

In Verona, Romeo and Juliet are caught in a world poisoned by old hatred. The feud between Montagues and Capulets surrounds them like a prison wall, yet in one stolen glance across a crowded room, they find in each other a freedom more intoxicating than anything their world can offer. Their love is secret, reckless, and so absolute that it leaves no room for hesitation. They defy their families, they defy the order of their city, and in their defiance, they believe they have created a space where only love matters. But fate and missteps conspire against them. A potion meant to deceive becomes the trigger for despair, and in the silence of a tomb, love finds its end. Their deaths, though tragic, break the chains of enmity that bound their families. Love, in their story, is powerful enough to reconcile others, but only by consuming the lovers themselves.

Shakuntala's path winds very differently. She is born not into conflict but into a hermitage, raised in peace and simplicity. When King Dushyanta encounters her, it is not the clash of feuding houses but the quiet pull of destiny that draws them together. Their love is gentle, marked by secret vows and a ring that seals their bond. But her journey is not spared of suffering. A curse steals her recognition from the man she loves, and suddenly her devotion is met with rejection, her dignity tested in the court of her husband. Unlike Juliet, who perishes swiftly, Shakuntala lives through the slow ache of being forgotten, carrying her pain with patience. In the end, the wheel of fate turns, the ring is found, memory returns, and she is restored to her rightful place beside her king. Her story does not close in death, but in reunion—love surviving the long trial of time, its triumph a matter of virtue and cosmic justice.

What is striking to me is how these stories, though born of such different imaginations, bend toward the same question: what happens when love collides with forces larger than itself? Romeo and Juliet's love is like a flame against the wind—intense, passionate, but too fragile to survive the storms of fate and family. Shakuntala's love is more like a river—delayed, diverted, but always flowing toward its destiny. The West, through Shakespeare, shows love as tragedy, undone by human flaws and misjudgments. The East, through Kalidasa, shows love as endurance, restored by virtue and divine order. I imagine Romeo, speaking from his tomb, whispering, “Even in death, I cannot live without you, Juliet. Our love transcends life itself.” And from another world, Shakuntala answers softly, “Though forgotten, my love endures. Patience and virtue will restore what is meant to be.” Together, their voices remind us: “Love, whether tested by fate or misfortune, demands courage, resilience, and unwavering devotion.”

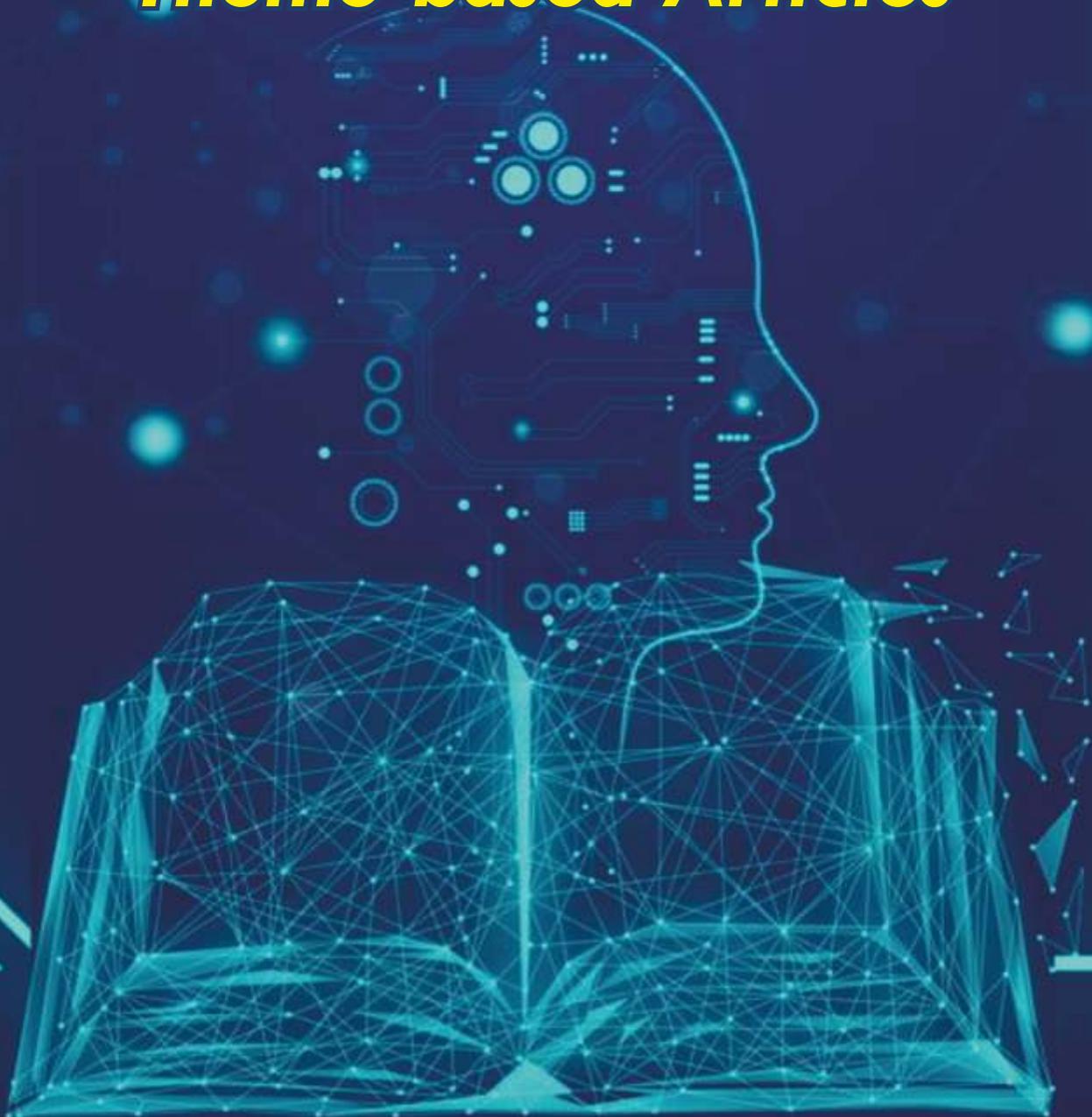
When I bring these stories together in my mind, I see two truths unfolding side by side. Romeo and Juliet teach the danger of haste, of passion too fierce to survive, of a fate that punishes missteps with finality. Shakuntala teaches that love, when rooted in virtue, can endure storms, curses, and even the cruelty of forgetfulness, until destiny restores balance. Both remind me that love is not just an emotion; it is a force that pushes against the world around it, shaped by society, by morality, and by the mysterious designs of fate.

Even today, these stories hold their place. Romeo and Juliet remind us of the fragility of passion when weighed against time and consequence. Shakuntala reminds us that patience and faith can carry love through even the harshest trials. Together, they speak across centuries, whispering that love is both fragile and eternal, both tragic and triumphant, always demanding of us courage, integrity, and an open heart.



Alignite

Theme-based Articles



Should College Students Still Learn to Code in the Age of AI?

Picture this: it's 2030. You sit down to finish your computer science assignment. Instead of opening an IDE, you open your AI assistant. You type in a simple prompt: "Build me a responsive website that tracks my fitness goals." Five minutes later, the entire project is ready—clean UI, backend connected to the cloud, even a database with analytics dashboards. You sip your coffee, stare at the screen, and think: why did I spend three semesters struggling with data structures and algorithms?

That question—"Should students still learn to code in the age of AI?"—is one of the hottest debates brewing on campuses right now. It's not just about computer science majors. It's about how the next generation of professionals will be trained in a world where artificial intelligence can already automate a big chunk of programming.

The Case for Learning to Code

Let's start with the traditionalists. They argue that coding is the new literacy. Even if AI can generate solutions, understanding the logic behind those solutions is what separates creators from blind consumers. Imagine being a chef who doesn't know how to cook because you rely on food delivery apps. Without the skill, you're dependent, limited, and eventually irrelevant.

Coding teaches problem-solving, logical thinking, and creativity. It's not just about writing syntax; it's about understanding systems. If AI builds the bridge, coders are the ones who know whether it'll collapse under traffic. And in high-stakes fields—healthcare, finance, cybersecurity—that kind of understanding is non-negotiable.

The Case Against Learning to Code

On the flip side, some argue that insisting every student learn to code in the AI era is like insisting every driver learn to repair their car engine. Useful, yes. Necessary, maybe not. When AI can generate applications faster and better than a beginner ever could, maybe our time is better spent focusing on design, ethics, communication, and domain knowledge.

Take prompt engineering: the ability to guide AI toward building what you actually want. This skill may soon be more important than memorizing recursion or writing yet another sorting algorithm. Instead of spending 200 hours debugging loops, students could be learning how to creatively harness AI to solve real-world problems. After all, do we really need everyone reinventing the wheel when AI can already produce the wheel in seconds?

The Middle Ground

But maybe this debate doesn't need to be black-and-white. The sweet spot might be hybrid learning. Students don't need to master every low-level coding detail, but they should understand the principles behind the curtain. Call it "coding fluency." Just as you don't need to be a mechanic to drive, but you do need to know the basics of brakes, gears, and fuel—future students may not need to hand-code every feature, but they'll need enough technical awareness to supervise, audit, and improve what AI produces.

Think of it like mathematics. Most of us don't solve equations

by hand anymore—we have calculators for that. But learning math still sharpens our thinking and gives us the tools to ask the right questions. Coding in the AI age might be the same: less about typing semicolons, more about cultivating computational thinking.

The Big Question for Us

As college students, we sit right at the crossroads. We're the generation that grew up with both textbooks and ChatGPT. For us, the challenge isn't just whether to code or not—it's whether we're ready to redefine what technical education means. Maybe the future engineer is part coder, part designer, part ethicist, and part strategist.

So, should we still learn to code? Probably yes—but not in the same way. We should learn enough to understand, adapt, and innovate, while also embracing AI as a partner, not a threat. In the end, it's not about whether we write every line of code ourselves. It's about whether we can use all the tools at our disposal to build something meaningful.

Because let's be real: no matter how advanced AI becomes, the future won't be written by machines alone—it'll be written by the humans who dare to guide them.

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The Secret Life of Algorithms:

How AI Chooses What You See on the Internet

Ever clicked on Instagram “just for five minutes”, only to discover that an hour has passed? YouTube appears to know precisely what video to recommend next, and your explore page is strangely personalized just for you. So, what's actually happening behind the curtain? The answer lies in the hidden but powerful world of AI algorithms.

At their core, algorithms are nothing more than instructions. Yet when powered by Artificial Intelligence, they become learning machines that scan your activity—every like, comment, share, and even how long you spend on a post. If you freeze over a Football clip, the algorithm notices: “Ah, sports interest.” Before you know it, your feed is clogged with match clips and training advice.

This degree of individualization is certainly convenient, but it has some negatives that are not immediately apparent. Algorithms don't simply reflect your interests—they actively construct them. By regularly presenting you with similar material, they create what's referred to as an “echo chamber.” So one student may have their feed filled with science podcasts, while

another has theirs filled with fashion updates or political debate—despite both beginning from the same app.

Why do they work this way? The reason is simple: attention. The more you scroll, the more ads you view, and the more lucrative your interaction is. In this fight for your attention, AI is programmed not to broaden your perspectives, but to keep you fixed on the screen. As college students, this is something to consider. While AI-curated feeds can provide, they can also constrain our worldview. The Silver lining? Empowerment through awareness. By making a conscious effort to expose yourself to varied content—browsing topics beyond your typical interests or following creators outside your typical sphere—you can train the algorithm to do better by you, instead of locking you in.

So the next time you catch yourself scrolling endlessly, keep this in mind: it's not just random— It's AI at work. The question is: are you the one curating your feed, or is your feed curating you?

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HOW AI IS SHAPING 3D MODELING AND GAME DEVELOPMENT

AI is changing the way people create 3D models and games. Instead of spending weeks on repetitive work, artists and developers can now use AI tools to speed things up, make ideas look more realistic, and even unlock creative options that were not possible before. The biggest impact right now is in 3D modeling with tools like Blender and Houdini, and in game development with Unreal Engine.

In 3D modeling, a lot of time usually goes into boring or repetitive tasks such as building base meshes, fixing geometry, or painting textures. AI is helping artists skip past that stage. For example, you can start with just a sketch or even a text prompt like “sci-fi spaceship” and get a basic 3D model ready to edit in Blender. Textures can also be generated with a few words, producing realistic surfaces like rusted metal, old bricks, or futuristic glass without manually painting them. Retopology, which used to take hours, can now be done automatically, making messy models clean and game-ready. Even animation has been made easier because AI can turn simple video clips into character movements that can be applied directly inside Blender rigs.

One tool that has become popular in this space is Magnific AI. It is mainly used for upscaling and enhancing textures or renders. Artists can take a low-resolution render or a simple texture and run it through Magnific AI to instantly get a sharper, more detailed version. This is especially useful in workflows where you need cinematic-quality outputs but don't want to spend hours refining details manually. Game developers also use it to upgrade concept art, environment backdrops or surface details, making everything look cleaner and more realistic. In many cases, Magnific AI saves time by polishing assets that would otherwise require a lot of manual texturing or high-resolution re-rendering. Magnific AI also helps in generating a ton of new views that game devs or fx artists might miss in the process.

Houdini is already known for procedural generation, things like smoke, fire, destruction and huge



landscapes. When AI is added to this process, it takes the software to a new level. Simulations such as explosions or fluid effects can be predicted and adjusted by AI, which means more natural results in less time. Instead of setting up massive node networks, AI can suggest or even build them automatically. Optimization is another big win: effects that used to take hours to tweak can be balanced automatically so artists can focus on the creative side. Even small things like particle systems, textures or environment details are now faster to generate and test with AI plugins.

The Unreal Engine has also been transformed by AI. Developers no longer have to design every map by hand because AI can generate entire terrains, dungeons or cities that feel different each time. Characters in games are also becoming more lifelike thanks to natural language AI, which allows NPCs to talk and react in ways that feel less scripted. For developers, AI can speed up coding with Blueprints and even help debug issues. On the visual side, tools like NVIDIA's DLSS use AI to boost performance while still keeping graphics sharp, which makes real-time rendering in Unreal look better and run smoother than before. Combined with external tools like Magnific AI, developers can also upscale concept art, UI assets and cinematic stills directly for use in games without sacrificing quality.

Using Midjourney and GPT as Creative References.

AI doesn't just make assets—it also inspires them. Many artists now use Midjourney to quickly generate concept art, moodboards and style explorations. Instead of spending hours sketching, you can describe an idea in a prompt and instantly get visuals that spark new directions. These images are not usually dropped directly into production, but they act as strong references for Blender or Houdini workflows.

Meanwhile, GPT-based tools help in another way. Developers and artists use them to brainstorm storylines, generate NPC dialogue ideas, or even plan quest logic in a game. In early stages of game design, GPT can also assist with naming, lore-building and scripting out how a world should feel. In short, Midjourney and GPT serve as the “idea generators” that kickstart creative projects before the heavy 3D work begins.

Stable Diffusion in Game Development and VFX

Stable Diffusion has become a backbone AI tool in many creative pipelines because it is open-source and customizable. In game development, artists use it to generate quick variations of textures, props or background art. For example, if a team needs 50 different wall posters or graffiti designs for a cyberpunk city, Stable Diffusion can generate them quickly without hand-painting each one. These can then be applied as textures in Blender, Houdini, or directly inside Unreal Engine.

In VFX, Stable Diffusion plays an equally important role. It is often used for style transfer, concept variations, and even background generation. For example, instead of building an entire city in 3D just for one distant background shot, a VFX team can generate that image with Stable Diffusion and blend it into the scene. Another big use is inpainting, where missing or unwanted parts of a render can be replaced seamlessly with AI-generated content. This makes post-production faster and much cheaper.

The important thing to understand is that AI is not replacing artists or developers. Instead, it is acting like a helpful assistant that handles repetitive work, suggests shortcuts and lets people focus more on creativity. There are still challenges such as imperfect results and the risk of over-relying on automated systems, but the overall trend is clear. Workflows are becoming faster, games are becoming more immersive, and creative people now have more room to experiment with new ideas

**Veebhadra Mahant
SY, IT**



Why Small Language Models Are the True Future of Agentic AI

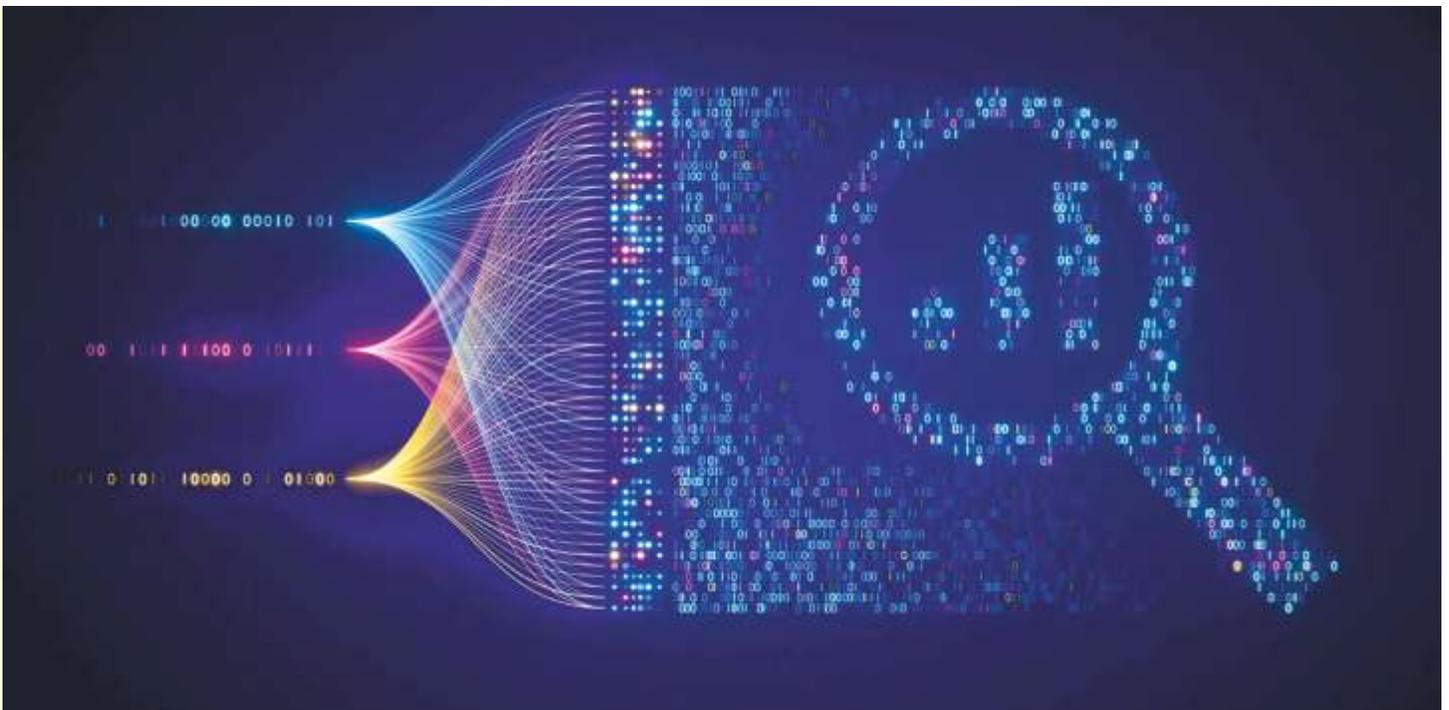
The race in AI has long been dominated by massive models, with the belief that bigger means smarter. However, a shift is underway. For agentic AI—systems that autonomously pursue complex goals—the future lies not with these giants, but with small language models (SLMs). Their efficiency and specialisation make them the ideal engine for action.

While large language models (LLMs) are brilliant oracles of information, they are poorly suited as agents. Their high cost and significant latency make the dozens of sequential steps an agent must take prohibitively slow and expensive. Furthermore, their unpredictable and occasionally hallucinatory nature is a major liability for systems that require reliable, deterministic execution.

In contrast, small models like Phi-3 or Llama 3 offer a compelling path forward. Their compact size allows them to run quickly and cheaply, even on local hardware, making scalable agent deployment feasible. More importantly, they can be finely tuned to excel at the specific task of logical reasoning and tool use, becoming precise and reliable "brains" for an agentic system.

Ultimately, the most powerful architecture uses a small, efficient SLM as a "conductor." This conductor breaks down problems and orchestrates specialised tools—like calculators, search APIs, or even larger LLMs—only when needed. This approach is faster, more cost-effective, and more controllable, proving that for the future of agentic AI, smaller is indeed mightier.

Siddhesh Sarphale
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FROM AUTONOMOUS TO AUTONOMY

WHEN AI LEARNS TO EVOLVE ITSELF

At 2:49 am and 18 degrees Celsius, it completed its cycle. Faster, smarter and better version of itself, but the goals, different than before. The goal of designing the successor of itself. This isn't about a human; this is about an AI model. A model which doesn't just think and make decisions by itself but implements and validates them, A model which doesn't just generate responses, but builds AI models by itself. No, this isn't fiction, this is the new AI evolution!

Spending weeks writing the code, building the model, training and testing it rigorously, adjusting the weights, biases and fine tuning it to make it reach closer to the expectations, this is how AI models are built. But now there are not just humans who design and build AI models, the AI models design and build better versions of themselves. These new Artificial Intelligence models are called "Self-Improving" language models. No new training data set, no human intervention; everything by themselves!

These self-learning models can make direct changes to its programming structure and logic, design new algorithms, learn to make better decisions by using performance feedback, adapt to new data without requiring complete training and much more. The first spark of all this was AutoML. AutoML automates tedious tasks like data processing, model selection, feature engineering, hyperparameter tuning etc. These functionalities backed up with reinforcement learning and algorithm evolution, bring us one step closer to the self-learning models. Some models can even modify their source code by

analysing the code, proposing and implementing changes, and finally, testing and validating them and most importantly the feature that makes all this possible- the automatic dataset generation.

This phenomenal technology is accelerating the world of innovation allowing democratization of AI. Some researchers believe that these self-improving models could be a key step towards Artificial General Intelligence (AGI). The impact of these self-improving models is expected to be even more enormous. It has the potential to transform various industries by excelling in discovering new algorithms to solve complex problems, advancing the AI drug delivery process, optimizing trading strategies, strengthening cybersecurity, transforming education, and elevating content creation and creativity. Tech giants are already leveraging these capabilities with models like Google DeepMind's AlphaEvolve, Darwin-Gödel Machine and Microsoft Agent Lightning coming into the picture, which are signs that the revolution is not very far now.

While all these opportunities knock the doors of mankind, there are threats and challenges following it in disguise which can potentially ruin everything. Adapting to this changing technology will create economic tensions, impacts on jobs and can lead to inequality due to inaccessibility of technology. But amidst all this, handing over all the powers to AI raises many more questions. How can we maintain the balance between exploration and exploitation? How much should models be allowed to self-improve? Who is responsible for self-improving model errors? How can we make model changes understandable? How do we prevent bias in self-improving models? These are the aspects where utmost attention is required!

For the first time in history, intelligence is designing intelligence. Evolution has left the realm of biology and stepped into silicon. Now the consequences depend not on what machines become, but what we unleash. Still the question that keeps haunting, "Are we creators or supervisors now?"

- Yash Jadhav, SY Computer Engineering.

- Shriya Bagade, SY Computer Engineering.



Flash Fiction

By Budding writers of PCCOE

Can you guess Who, What or Where?

1

I see you've found me again, ever since I was lost,
I remember the warmth of your hand, then across the
room I was tossed.

I'm a block, as simple as white,
Sometimes in colors, or streaks of your lines.
You stab me, you grind me, I'm rubbed across the tables,
You write on me, your cheat notes and fables.
I don't know where I came from,
Or where I'll be next,
I'm just a dirty piece of block,
Holding all your mistakes.



2

I've noticed you've seen me again for the nth time,
Watching me with intensity, counting your hours of crime.
With every change in my face, I mirror your moods,
With every shift of my angles, I've seen you flip through books.
I crawl on slow on uneventful days,
And when you need me most,
My speed will leave you amazed.
In every exam hall, I've watched you sweat,
With every click of mine, I've made you anxious.
I'm slipping through your fingers with each passing second,
Yet I remain your strongest weapon.



3

A one-eyed observer, watching it all day and night,
Seeing people break the rules or laugh in delight.
No judge, no snitch, not even a spy,
Just a code of algorithms watching passers-by.
A protagonist to some, an antagonist to others,
He simply watches, with no one to bother.



4

I'm one of the first few things you notice in a class,
I'm wide and tall, and you can tell me your thoughts.
I'm rough and hard, yet I mirror what a teacher's taught,
And I love watching the journey from the clueless to smart.
I'm green in color, or sometimes in black,
With streaks of white running through my cracks.
I'm seen by many, admired by none,
I hold your dreams, your doodles, and your fun.



5

Decorated with scars, I hold your names,
Tattoos on my face, rightfully claimed.
My legs are bent, though my strength's not breaking,
Your bags weigh heavy, yet I bear the aching.
Sometimes you step on me, your shoeprint on my chest,
I've seen you cry in exams, still giving your best.
I hold your memories, your laughter, your act to look cool,
And even held you close when you dozed off and drooled.



6

I'm a stack, a packet dressed in white,
Filled with pages that won't define your life.
You hand me out to your dear friends,
With practicals nearing, you write till the day ends.
I'm so worthy until a teacher marks me right,
Then I lie in a corner, completely out of your sight.
I should have two eyes, though they're long gone,
You pierce through them, just to sew me on.



7

I'm crowded, I'm buzzing,
I'm filled with decades of laughter.
Sometimes I'm quiet and peaceful, if you wander in after.
My greasy floors and thick tables has their own charms,
They welcome every student here with open arms.
My corners have watched the lectures you skip,
My unsteady tables have provided your college life some grip.
Catfights and gossip, or meaningless strolls,
I've seen friendships born and broken within these walls.



8

Under the bench or in the canteen,
Or on the lawn, soaking sun I have been.
Sometimes I'm fed, sometimes I'm loved,
But when you're scared, away I'm shoved.
Sometimes I'm petted, sometimes I'm feared,
Sometimes cuddled with exams neared.
I'm the one with no classes, yet endless knowledge,
The only stress-free being in this wild college.



9

I'm free and accessible, and everywhere around,
But where I'm most required, I'm nowhere to be found.
Shared and borrowed and lent to friends,
With so many issues that no one mends.
I'm the strongest connection, nearly unbreakable,
Yet in canteens and xerox shops, I'm barely



In every break, they earn their fame,
No snack in town can match their name.
He's round-headed, golden outside,
Spicy and softie on the inside.
She's kadak, soothing, and hot,
Together, the pair is loved a lot.
He brings the bite, she brings the vibe,
Together they make moments come alive.
Rain or shine, they're pure delight,
Mumbai's hottest pair in sight.

10

11

I'm the place no one wants to visit,
Yet my crowd and my lines make even fans quit.
You might dodge me, avoid, take all the caution,
But every so often, you'll find me your only option.
From faculty to students, all must line up,
Wait your turn patiently, no chance to interrupt.
My machines are humming, signing your pages,
You'll get off with what's needed, though it might take ages.



Right near the college's heart I lie,
My soft green soul beneath the blue sky.
I'm a stage to countless talents,
Sports, dance, or hobbies, I keep my balance.
Sometimes for lunch, or even at night,
Students sit in circles under my sight.
Club exhibition or disco night, every event I bring to life,

12

Written by Tanmayee and Aafreen. Contributors: Students of Business Story Telling, First Year, 2025-26

Photo Credits: Divyanshu Jha & Ishwari Todkar





Art Work by Art Circle

Faculty incharge: Dr Masnaji Nukulwar

Paintings



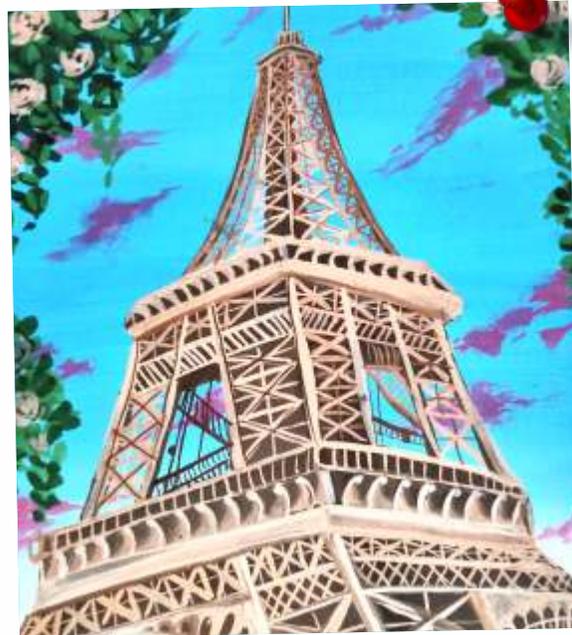
Harsh Ulhas Gumdel BTech E&TC



Harsh Ulhas Gumdel BTech E&TC

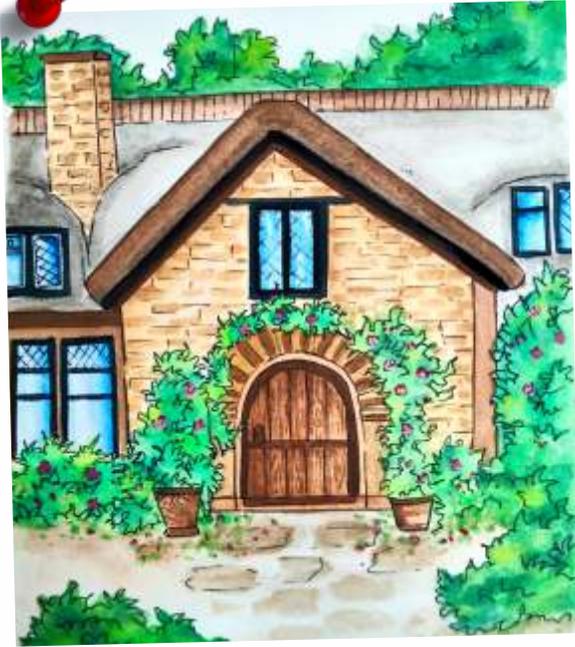


Riya Patil FY Mechanical



Shravani Anil Kadam FY-computer

Paintings



SHRAVANI ANIL KADAM FY-COMPUTER



SHRAVANI ANIL KADAM
FY-COMPUTER



SHRAVANI ANIL KADAM FY-COMPUTER .
DIV-K(FY-COMPUTER ENGINEERING)



SHRAVANI ANIL KADAM FY-COMPUTER

Pencil Sketch



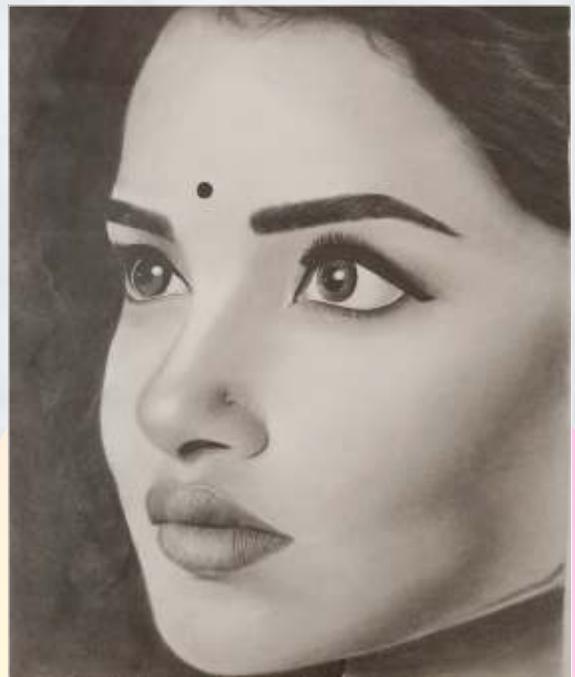
Kajal-FY-E&TC



Riya Patil FY Mechanical



Jaydeep Wakade



Kajal-FY-E&TC

Pencil Sketch



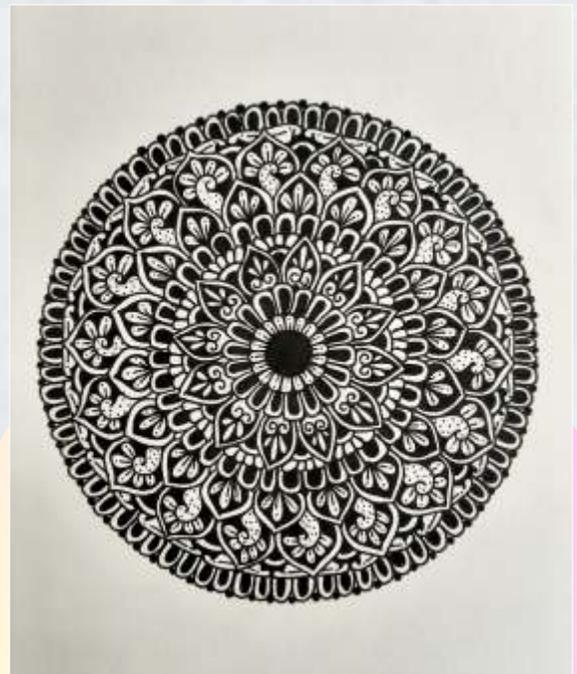
Harsh Ulhas Gumdel BTech E&TC



Harsh Ulhas Gumdel BTech E&TC

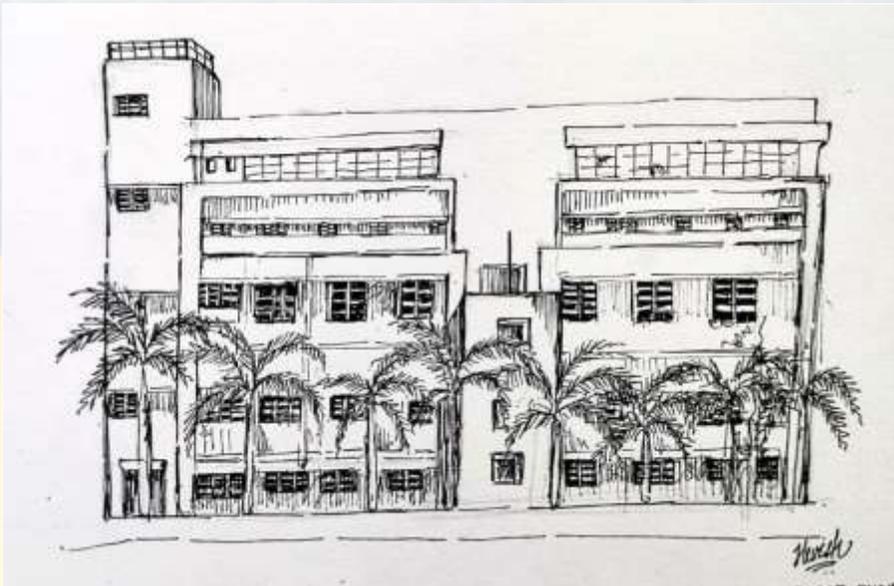


Riya Patil FY Mechanical



SHRAVANI ANIL KADAM FY-COMPUTER

Pencil Sketch



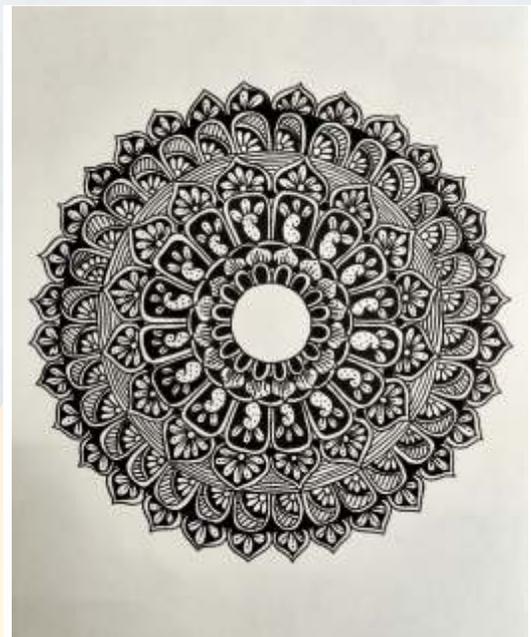
Harsh Ulhas Gumdel BTech E&TC



Riya Patil FY Mechanical



Tanuja Babaleshwar SY, Computer (RL)



SHRAVANI ANIL KADAM FY-COMPUTER

DEPARTMENT REPORTS



Department of Applied Science and Humanities

Year of Establishment: 1999–2000



Dr. Leena Sharma
Head of Department

“In the era of Artificial Intelligence, knowledge evolves, adapts, and thinks with us”.

At the forefront of this revolution, our department strives to shape future leaders who drive meaningful change. This year’s magazine, themed ‘Artificial Intelligence,’ reflects how technology, guided by human values, transforms our world. At the Department of Applied Science and Humanities, we build the foundation for future engineers—nurturing their analytical, creative, and ethical strengths. We believe real progress lies where science, technology, and human values meet. By embracing AI, we aim to create responsible innovators who solve real-world problems and uplift society. While artificial intelligence can power the world, it is human intelligence that gives it direction. Together, let us move forward—bold in vision, strong in values, and inspired to build a more intelligent and compassionate future.



Vision

To provide value-added education that fosters technical skills, critical thinking, communication, and human values, aiming for impactful societal contributions.



Mission

- Develop a strong foundation in engineering sciences through innovative learning.
- Provide an enriching environment with moral support for joyful learning.
- Foster holistic student development and personality traits.
- Encourage research, innovation, and creativity

Salient features

- Builds a robust academic base through a well-structured curriculum that equips students with the essential knowledge and skills required to excel in all engineering disciplines.
- Integrates rigorous academics with hands-on learning through projects, workshops, seminars, and technical symposiums, fostering analytical thinking, creativity, and innovation.
- Emphasises critical thinking, ethics, and professional skills to shape responsible, confident, and future-ready engineers capable of meeting global challenges

Faculty Achievements

- Dr. Ashwini Vaze was awarded Ph.D. in August 2025 and secured a position in the top 2% of the NPTEL course examination “Data Science for Engineers” conducted from July to September 2025.
- Dr. Minakshi Panchal was awarded her Ph.D.
- Dr. Mohit Prasad attended the International Conference AMSCA 2025 held at SKKU, South Korea, from 25 to 27 June 2025, and was also selected to participate in The Emerging Science, Technology, and Innovation Conclave (ESTIC) 2025 from 3 to 5 November 2025.

- Dr. Arun Khalkar received seed funding of 1,00,000 under the Udyog Jidnyasaa (उद्योग जिज्ञासा) scheme for his research project.
- Dr. Amol Kharche published a patent titled “Substituted Ciprofloxacin Compounds as Antibacterial Agents” and received funding of 1,00,000 under the Udyog Jidnyasa Scheme at PCCoE.
- Dr. Leena Sharma served as a Resource Person at the 11th International Conference of Gwalior Academy of Mathematical Sciences.
- Dr. Falguni Bhavsar was awarded her Ph.D.
- Dr. Shaziya Shaikh ranked in the top 2% of the NPTEL examination “Data Science for Engineers” conducted from July to September 2025.
- Dr. Priya Joshi received multiple copyrights in 2025, including “PeriodicX: The Interactive Periodic Table” (RoC LD-20250172044) granted in August 2025, “ONE STOP SOLUTION FOR PET HEALTH CARE” (RoC SW-2025020467) granted in May 2025, and “Design and Fabrication of IR/UV-VIS Spectral Filter for Concentrated Solar Power” (RoC LD-20250170537) granted in August 2025.
- Dr. M. B. Kadam served as an Examiner for posters at the International Conference on “Emerging Materials for Advanced Technologies” organized by YCIS Satara from 4 to 5 April 2025, and was also invited by IISER Pune to contribute to the development of Quantum Technologies from May to August 2025, with continued collaborative work in quantum research.

Student Achievements

- A student group Harshil Biyani (CSE-AIML), Aditya Rajput(Comp), Ankit Shah(E&TC), Ved Jadhav (IT) Ansh Dudhe (CSE-AIML), under the mentorship of Dr. Leena Sharma won following prizes:
- 2nd Runner-Up / 1st Domain Winner – Hackathon conducted by VIT’s Artificial Intelligence Student Forum
- 2nd Runner-Up – INNOVIK conducted by Vikrant Institute of Technology & Management, Indore
- 1st Domain Winner – IEEE Innoquest Hackathon 2025
- 4th winner / 1st Domain Winner – National level 36 hour Hackathon SAMARTHA 2025 conducted by Mohan Babu University Tripuri
- 4th winner – National level 24 hour Hackathon conducted bySSIPMT Raipur
- Pankaj Shelake (FY B.Tech – M) secured the Second Prize in the Handball Matches organized by the Pune District Zonal Sports Committee.
- Shivani Vibhute (FY B.Tech – M) achieved the Second Prize in the Liftoff Competition conducted by Team Anantam, PCCoE.
- Palak Shinde (FY B.Tech – M) also earned the Second Prize in the Liftoff Competition organized by Team Anantam, PCCoE.
- Sarangsing Sudamsing Ingle (FY B.Tech – I) won the Gold Medal in the Urgent Run and Flea event organized by Ecosan Services.
- Omkar Gurav (FY B.Tech – I) secured the Bronze Medal in the Urgent Run and Flea event by Ecosan Services.
- Samiksha Kamble (FY B.Tech – I) achieved the Silver Medal in the Urgent Run and Flea event conducted by Ecosan Services.
- Harshita Patil (FY B.Tech – H) won the MindShot Challenge organized by AiMSA, PCCoE.
- Anniruddha Gaikwad (FY B.Tech – L) won the First Prize in the MindShot Challenge organized by AiMSA, PCCoE.
- Deshmukh Atharv Satish P (FY B.Tech) secured the First Prize in the Singing Contest at the Divine Youth Festival organized by the Defence Force League and DIFT Foundation
- Khushwah Kanak Kapil P (FY B.Tech) was awarded the Reliance Foundation Undergraduate Scholarship worth 2,00,000 for academic excellence.
- Kunal Rathi (FY B.Tech – H) emerged as the Overall Champion in the Electric Solar Vehicle Challenge (ESVC 3000+) organized by the Imperial Society of Innovative Engineers (ISIE).

DEPARTMENT OF CIVIL ENGINEERING

Year of Establishment: 2012

Intake: UG (60) PG (18)



Dr. Ajay Gaikwad
Head of Department

It gives me great pleasure to welcome you to the Civil Engineering Department at Pimpri Chinchwad College of Engineering (PCCoE), Nigdi. Established in 2012, the department promotes excellence, innovation, and sustainability in Civil Engineering. With 17 qualified faculty, 14 industry MoUs, and 12 laboratories worth 2 Cr of equipments. Students Association and student chapters like IEI, ICI, IGBC, and IGS, along with MES Cell, Sthapatya, and community initiatives, foster holistic development.

The Department is recognized for academic achievements, government placements, higher studies along with advanced facilities like the 3D Concrete Printing Lab and Weather Station.

The department offers B.Tech and M.Tech (Construction Management) programs. B.Tech for Working Professionals will also begin, promoting lifelong learning and research.



Vision

To establish as a premier civil engineering department in Maharashtra in the coming five years by providing quality education, fostering innovation with ethical values to serve the society.



Mission

- Fostering value-based education to achieve academic excellence with the right attitude and professional ethics.
- Inculcating a culture of research and innovation, with an aim of serving society in a sustainable manner.
- Developing skilled civil engineers with an ability to provide solutions to meet national and global challenges in accordance with the needs of the society.

Salient features:

- Effective course delivery by Blending of Classroom delivery and site visits
- Overall development of students through student association and activities
- Career opportunities through Industry Institute Interaction & study circles
- Research guidance by promoting community engagement projects and Activities
- Lab development through industry sponsorship
- State of Art 3D printing lab, weather station, Centralized Automated Disinfection Unit and DGPS Facility.

Faculty Achievements

Recognitions & Appointments:

- Dr. Ajay Gaikwad appointed as Academic Council Member of WIT Solapur and BOS member of Sandip Foundation's SITRC Nashik.
- Dr. Sandip Mali served as Session Chair at MANIT Bhopal's AWaRe 2025 and reviewer for Springer and SAGE journals.
- Dr. Shilpa Motegaonkar awarded Ph.D. in Water Resources and completed advanced training on Managing Urban Floods in a Climate Risk World.
- Dr. Suresh Nama and Dr. Vinay Rangari published internationally and organized major academic workshops.
- Dr. Pankaj Mali delivered a Keynote Address at GH Raisonni University on Sustainable Bamboo Construction.
- Dr. Dhiraj Lal recognized for research mentorship; Dr. Rahul Chaudhari became an approved Ph.D. guide under SPPU.

Professional Development:

- Faculty participated in 15+ FDPs and Workshops on Sustainable Development Goals, AI Integration, Circular Economy, and Women Empowerment.
- Five faculty members completed Innovation Ambassador Training under the MoE's Innovation Cell.

Student Achievements

The students of Civil Engineering displayed outstanding performance in academics, research, competitions, and social initiatives.

Awards & Recognition:

- Ms. Pradnya Agale received the Best Paper Award at the International Conference on Recent Advances in Engineering and Sciences 2025.
- Ms. Pradnya Pradhan (M.Tech CM) received the Padmashree B.G. Shirke Vidyarthi Award by PCERF for her innovative dissertation on Construction Equipment Monitoring Device.
- PCCOE Civil students won the Kirloskar Vasundhara Green College Clean College Competition (Pune Region – 1st Prize) and secured a National Consolation Award.
- Mr. Varun Desai and team represented the college at DIPEX 2025, India's largest exhibition for engineering innovations.
- Mr. Harsh Nakti won the Runner-Up Prize in Rail Geofest 2025, organized by BIS and IGS Pune.
- Ms. Manasvi Gawade received a Laptop Scholarship from IEEE Women in Engineering.
- Mr. Sahil Misale awarded Best Outstanding Student for A.Y. 2024-2025.
- Mr. Varun Bhangale, Btech Civil, stood 1st in the Pitch Arena, with prize amount as 20,000/-, in IIM, Bangalore in Aug'2025.
- Mr. Gurkrit Singh secured 2nd rank in the Quiz Competition, "STIMULUS", by Ultratech in AISSMS CoE, 12/07/2025.

Research & Publications:

- Student co-authored papers in reputed international journals such as IJIR Engineering and Science & Research Archive on sustainable materials, water distribution systems, and carbon capture in 3D printing.

Technical & Social Engagement:

1. Students actively participated in E-waste Collection Drives, Water Day Activities, Parent-Teacher Meets, and AI in Civil Engineering Workshops.
2. Industrial visits conducted to CWPRS, Water Treatment Plants, and 3D Printing Facilities, ensuring hands-on exposure to real-world civil engineering practices.

DEPARTMENT OF COMPUTER ENGINEERING

Year of Establishment: U.G: 2001-02 (Intake: B. Tech-240),
P.G: 2011-12 (Intake: 18), Ph.D.: 2017-18



Dr. Sonali Patil
Head of Department

The department of Computer Engineering at PCCOE is committed for value-added quality technical education in Computer Engineering. The strong pillars of our department for UG and PG programs are the State-of-the-Art Infrastructure, Competent Faculty and Hardworking Students.

In addition to core academics, the students are provided with plenty of opportunities to develop and excel in curricular, co-curricular and extra-curricular areas such as research, skills development, higher studies, industrial training and placements. The program aims towards all round development of the students to make them competent individuals for industry, academia and research.



Vision

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



Mission

M1: To develop technologically competent and self-sustained professionals through contemporary curriculum.

M2: To nurture innovative thinking and collaborative research, making a positive impact on society.

M3: To provide a state-of-the art computing environment and learning opportunities through the Center of Excellence.

M4: To foster leadership skills and ethics with holistic development.

Salient features

- Strong Academic Foundation with Experienced Faculty
- NBA Accredited | NAAC Accredited with 'A' Grade | An Autonomous Institute | AICTE Approved | ISO 21001:2018 Certified | Permanently Affiliated to SPPU, Pune
- Industry Collaboration and Well-Equipped Industry-Sponsored Laboratories
- MoU signed by the Computer Engineering Department with the Brainchain Pvt. Ltd & Brazilian software Pvt. Ltd.
- Syllabus emphasises Emerging Areas: Deep Learning, Cyber Security, Full Stack Web Development etc.
- Active student clubs / associations (CESA, ACM, ACM-W, OWASP, LFDT, GDSC etc.) for technical and cultural growth.

Faculty Achievements

- PhD Completed Faculty: 18
- PhD Pursuing Faculty: 23
- Workshop/FDP/Trainings/conferences attended: 25
- No. of MOU's: 02 Total No. of publications: 16
- Book: 01
- Book Chapter: 02
- No. of Journals: 06
- No. of patents: 3-granted, 6-Published, 9-Filed
- No. of Copyrights: 42-Registered, 62-filed
- Research funding: 2,103,927 Rs.

- Dr. Sonali Patil – Resource person at ISTE STTP (KJCOEMR, Pune); presented paper at ASIANCON 2025; nominated BoS Member (CSE–DS), P.E.S. College.
- Prof. Ashwini Matange – Served as Distinguished Jury Member; received Certificate of Participation.
- Dr. Meghana Lokhande – Copyright for “Federated and Self-Supervised Intrusion Detection System.”
- Dr. Swati Shinde – Consultancy for Shravani Tools (data analysis & cost prediction).
- Dr. K. Rajeswari – Presented paper at ICOSEC 2025.
- Dr. Reena Kharat – Copyright for “Predicting Employee Performance using ML & DL.”
- Mrs. Mehzabin Pathan – Copyright for “Book Bridge.”
- Mrs. Namrata Gawande – Copyright for “Smart Solution for Student Housing.”
- PCCOE organized the 9th IEEE ICCUBEA 2025; Dr. More & Sarika Deokate participated.

Student Achievements

- Kiran Mane: Selected among top 40 out of 40,000 participants in HP Dreams Unlocked Season 1 (11 Oct 2025); ranked in top 5 in Social Impact category; awarded an HP Omnibook AI PC and received expert guidance to enhance her project.
- Team Astrobyte (Rahul Landge, Prathmesh Marathe, Aryan Kumbhar): Won a total prize of 20,000 at MINDSPARK-2025 (3–5 Oct) across three events — 1st Prize in “Burst & Storm” (8K), 2nd Prize in “Bugged Out” (6K), and 2nd Prize in “Webscape” (6K).
- Team Zenith (Yashshri Mule, Sanika Talkhedkar, Trushita Sathe, Janki Darandale): Achieved Top 10 finish at Vortexa 2.0 Hackathon (24–25 Sept 2025) among 72 teams; received appreciation from organizers
- Team Farm-Ops (Aditya Rajput, Harshil Biyani, Ved Jadhav): Secured 2nd Runners-Up position at INNOVIK 5.0 Hackathon (4–5 Oct 2025) out of 180 registered teams; prize of 15,000+ certificate.
- Neha Chaudhari: Won 1st place at the Google Agentic AI Hackathon 2025 along with her team; prize of 3 Lakhs for their solution on managing city data overload among 700 finalists from 10,000+ teams.
- Mr. Pranav Patil, a student of B.Tech C Division, has been selected for a 1-year Internship Program at Quick Heal Technologies Ltd., one of the leading cybersecurity companies in India. As part of this prestigious opportunity, he will also receive a monthly stipend of 20,000.
- Pimpri Chinchwad College of Engineering (PCCOE) and Pimpri Chinchwad University (PCU) students recently completed a short-term internship at Universiti Teknologi PETRONAS (UTP), Malaysia—ranked #251 in the QS World University Rankings.

Student Examination Results

Sr. No.	Class	% Result
1	SY B.Tech (24-25)	97.5%
2	TY B.Tech (24-25)	98.14%
3	Final Year B.Tech (24-25)	99.66%

- The ACM-W Student Chapter was proudly featured on the ACM India Student Chapter Portal for achieving the highest number of reported activities on the platform.
- Team OWASP PCCoE achieved an impressive fourth position in the Cyberon 2025 – Capture the Flag (CTF) competition held at the Symbiosis Centre for Information Technology.
- Pimpri Chinchwad College of Engineering (PCCOE), Pune, proudly hosted the Internal Smart India Hackathon 2025, an innovative platform fostering creativity and problem-solving among young technocrats. The institution recognized its distinguished internal judges for their invaluable contribution in evaluating participants' groundbreaking solutions. Their insightful judgment and expert assessment played a vital role in ensuring the success and quality of the event. This recognition reflects PCCOE's ongoing commitment to nurturing innovation, research, and excellence in engineering education.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (AIML)

Year of Establishment: 2021 | Intake: 120

Dr. Anuradha Thakare,
Head of Department



The CSE (AIML) program at PCCOE aims to create graduates skilled in AIML and emerging technologies, preparing them for the modern tech era. The four year B.Tech course builds a strong AI Foundation, offering hands-on experience in robotics, Computer Vision, NLP, Generative AI etc. With a curriculum co-taught by industry experts, students gain expertise in AI tools, Machine learning and practical implementations, fostering skilled, ethically responsible engineers to benefit society.

Our department ensures fostering innovation, advancing sustainable technologies, and developing a talent pool of Computer Science Engineers who are equipped to tackle global challenges. We achieve this by creating a collaborative environment that inspires critical thinking, embraces diversity, and promotes lifelong learning.



Vision

To be a leading hub for AI & ML education and research, producing technically competent CSE professionals with ethical and social responsibility.



Mission

- To develop technically competent and innovative computer science engineers with in-depth knowledge of Artificial Intelligence and Machine Learning.
- To build ethically responsible, knowledgeable and skilled engineers to serve the needs of industry and society at large.
- To provide a conducive environment and opportunities for holistic development of students.

Salient features

- Builds a solid foundation in advanced technologies of AI&ML through industry-oriented curriculum.
- 'Industry-Academia Collaboration Framework' encourages students to Learn and Collaborate
- Exposure of In-house Incubation Cell nurturing various Startups.
- The graduates of the program can pursue higher education and research at premier national or international universities with a great future in research.
- Strong emphasis on Project, Labs, and Case Study based learning.
- Opportunity to gain expertise in advanced topics such as robotics, machine learning, deep learning, computer vision, cognitive computing, various AI tools and technologies etc.
- Hands-on with industry projects and sessions by industry experts
- Association with Professional Societies like Computer society and Computational Intelligence Society of IEEE, AAAI, INNS, GFG and student participation in global competitions.
-

Faculty Achievements

- Dr. Anuradha Thakare attended AiCON 2025 Conference in London (Nov 2–8, 2025) to study AI transformation in UK universities.
- Design Patent on “Dog Harness” granted to Pradnya Narkhede, Dr. Anuradha Thakare, Dr. Sonal Gore, and Santwana Gudadhe.
- Dr. Anuradha Thakare appointed as Academic Liaison of ACM W Pune Chapter.
- Dr. Anuradha Thakare, Santwana Gudadhe, and Puja Pohakar received an AICTE VAANI grant of 2 lakhs for a workshop on “Advanced Computing for Industry 4.0.”
- Dr. Sonal Gore and Dr. Anuradha Thakare signed an MoU with Pimpri Chinchwad Science Park for consultancy projects.
- Dr. Anuradha Thakare, Dr. Sonal Gore, and Dr. Ashwini Deshpande signed an MoU with DataPhi, Pune.
- Prof. Pallavi Dhade signed an MoU with Dolphin Embedded System Lab Pvt. Ltd. for AI and Robotics projects.
- Dr. Anuradha Thakare delivered an Expert Session on Research Methodology at SIT, Lonavala (Feb 23, 2025).
- Dr. Anuradha Thakare delivered a session on “Intelligent Computing for Industry 4.0” in AICTE VAANI Workshop (Sept 18, 2025).
- Dr. Sonal Gore, Khelesh Patil, Saniya Thigale, Sushant Kabra, Atharva Pawar won Best Paper Award for “Digital First Aid Kit for Heart Health Prediction” at IEEE ICCUBEA-2025, PCCOE.
- Dr. Sonal Gore, Soham Narsale, Sana Sampson, Ashirwad Kankaria, and Sayali Jadho won another Best Paper Award for “Explainable AI in HVAC Predictive Maintenance” at AITA 2025, ISB Bangalore.
- Prof. Pallavi Dhade granted a patent for “College Preference List Recommendation System” on Sept 3, 2025.
- Prof. Pallavi Dhade, as ISR Cell Coordinator, conducted workshops and awareness sessions for PMC school students, featured in Sakal (Oct 6, 2025).
- Dr. Sonal Gore delivered Expert Sessions on Research Design at SIT Lonavala (Feb 22, 2025) and Machine Translation in NLP at VIIT Pune (Apr 14, 2025).
- Dr. Sonal Gore delivered a Guest Session at IEEE TECHXPUNE'25 hosted at PCCOE (Oct 7, 2025).

Student Achievements

- Soham Mhatre (Final Year) and team secured 3rd place in Track 1 of AMD AI Sprint Hackathon at IIT Bombay (July 12–13, 2025).
- Atharva Kamtalwar (Final Year) published a copyright for “Neuronetz – An Intelligent WhatsApp Assistant for Corporate Productivity.”
- Soham Mhatre, Manthan Barhate, Hari Padalwar, Omkar Khoche (Final Year) received 250 AUD investment for their project AI Sales Assistant under Dr. Anuradha Thakare's guidance.
- Atharva Kamtalwar (Final Year) won Best Paper Award at IEEE GC4T Conference (DYPCOE) for “Hybrid CNN-GLCM Framework for Fetal Brain Abnormality Detection.”
- Sairaj Deshmukh (Final Year) achieved 2nd Runner-Up at National Blue Bit Hackathon 2025, winning 10,000 and a certificate.
- Anish Patade (Final Year) won 3rd Prize at International Techfiesta Hackathon 2025 (PICT) with 10,000, trophy, and certificate.
- Manthan Barhate (Final Year) secured 2nd Rank at State-Level MLSC Datathon 2025, winning 2,000.
- Rutuj Dhongade (Final Year) achieved 2nd Runner-Up at National Bluebit Hackathon 2025, earning 10,000 and a certificate.
- Soham Devidas Mhatre (Final Year) ranked 2nd at State-Level MLSC Datathon 2025, receiving 4,000.
- Pragati Hinge (Final Year) secured 3rd place at State-Level MLSC Datathon 2025, with cash prize and certificate.
- Abhay Patil (Third Year) was a finalist at IEEE Techsangam National Hackathon 2025 (Aug 11–12).
- Vipul Phatangare (Third Year) developed Sports Management Software for live badminton event tracking used at university level.
- Vipul Phatangare, Kshitij Jadhav, Mahesh Muke, Om Shrigiriwar (Third Year) won 1st Prize (5,000) and Gold Medals at IEEE InnoQuest Hackathon 2025 for “EngiMate – AI Counselling Platform.”
- Prathamesh Sonwalkar (Second Year) participated in DD Robocon 2025 (IIT Delhi) and secured 9th rank.
- Harshil Biyani (Second Year) and team secured 4th position in SAMARTHA 2025 (Tirupati) under Green Tech, winning 15,000.
- Harshil Biyani (Second Year) and team were Domain Winners & Runners-up at VIT Codeverse 2025, earning goodies and certificates.
- Harshil Biyani (Second Year) and team won 2nd Runner-Up at INNOVIK 5.0 Hackathon 2025 (Indore) with a 15,000 prize.
- Harshil Biyani (Second Year) and team were Domain Winners at INNOQUEST 2025 (DES Pune University), receiving 5,000.

DEPARTMENT OF COMPUTER ENGINEERING (REGIONAL LANGUAGE)

Year of Establishment: 2001

Intake: UG-120 PG-18



Dr. Rachana Y. Patil,
Head of Department

The Department of Computer Engineering (Regional Language) is dedicated to revolutionizing computer engineering education through the medium of regional language.

The vision is to be a pioneering program that nurtures the next generation of innovative problem solvers. There is a commitment to grounding students in ethics and the rich cultural context of our region, while equipping them with the skills necessary to excel in the dynamic worlds of academia, research, industry, and entrepreneurship.

At the core of the philosophy is the belief that teaching in one's mother tongue fosters deeper conceptual understanding. State-of-the-art infrastructure is provided for laboratory practicals, research, and teaching. The goal is not only to impart technical knowledge but also to build a strong academic foundation through discipline, mentoring, counseling, and instilling ethical values. There is a strong emphasis on skill-building, personality development, and the showcasing of student talent, ensuring that students are well-prepared for their future endeavors.



Vision

To be a pioneering computer engineering program in the regional language, by developing ethical professionals ready for academia, research, industry, entrepreneurship, and preserving culture through technology.



Mission

- M1: To educate students on cutting-edge technologies, fostering problem-solving capabilities, and teamwork skills through a contemporary curriculum, without language barriers.
- M2: To foster innovative thinking and collaborative research through a state-of-the-art computing environment.
- M3: To develop professionals with strong ethical values and a deep understanding of cultural contexts to make a positive impact on society.

Salient features

- A unique blended teaching approach (English + Marathi) ensures deeper conceptual understanding by overcoming language barriers.
- Center of Excellence for Innovation in Blockchain Technology, in collaboration with I4C and India Blockchain Alliance (IBA), as the knowledge partner.
- The Active Computer Regional Engineering Student Association (CRESA) provides a dynamic platform for students to engage in technical, cultural, and social activities, fostering leadership, teamwork, and professional growth.
- ACM SIG AI Student Chapter
- A focus on technical skills and innovation, leveraging LLMs and AI to preserve culture while fostering a connection between technology and societal values.

Faculty Achievements

- Dr. Rachana Y. Patil, Head of Computer Engineering (Regional Language), has been featured in Stanford University-Elsevier's Global Top 2 Percentile Scientist list. This milestone reflects her dedication to advancing knowledge and making an impactful contribution recognized at the global level, based on standardized citation metrics curated from the Scopus database.
- Mr. Anand Birajdar won first prize in the Carrom and Chess competitions organized by the FDW team at PCCoE on 30th August 2025
- Mrs. Rucha Shinde, Assistant Professor, Computer Engineering (Regional Language), received the Best Paper Award at the conference “Demystifying AI and Data Science” held at Bharati Vidyapeeth Deemed University College of Engineering from 16th to 17th September 2025.
- Mrs. Minal Shahakar, Assistant Professor, Computer Engineering (Regional Language), participated in the Zonal Level Research Project Competition “AAVISHKAR-2025” under the Engineering and Technology category and was selected for the zonal round organized by Savitribai Phule Pune University
- Dr. Rachana Patil, Dr. Sujata Kolhe, Mrs. Priyanka Gupta, and Mrs. Varsha Pandagre, Faculty members from Computer Engineering (Regional Language), completed 8-week NPTEL certification courses, and Dr. Rachana Patil appeared among the top 5% toppers list for the course.
- Dr. Rachana Patil, Dr. Sujata Kolhe, and faculty members of Computer Engineering (Regional Language) successfully participated in and completed the AICTE-VAANI Conference “Demystifying AI and Data Science: Concepts, Trends, and Applications” held in Marathi at Bharati Vidyapeeth Deemed University College of Engineering from 16th–19th September 2025.

Student Achievements

- Anshul Wagh and Piyush Parab (B.Tech A) received \$400 in the La Trobe – Australian University Grand Infusion Challenge organized by La Trobe University, Australia.
- Apurva Bardapurkar, Yash Diwan, and Sarthak Nimje (B.Tech A) secured 1st Prize (\$1500) in the Algorand HackSeries #1 Hackathon 2025, organized by Algorand.co.
- Lubdha Prashant Shirode (TY B.Tech) Selected as Campus Ambassador Intern at the Entrepreneurship Cell, IIT Bombay (2025).
- Sarthak Chandrashekhar Nimje (TY B.Tech) – Completed Internship at IIT Bombay through Physics Wallah (Unicorn Ed-tech Startup) as Campus Ambassador (July 2025).
- Sumit Sonawane (S Y B.Tech) secured 3rd Rank at the GSMA Open Gateway competition 2025, held at the Yashobhoomi Convention Centre, New Delhi, and was awarded a cash prize of 200000.
- Tushar Pawar (SY – A, CS) brought laurels by winning 1st prize (₹5,000) in the Inter-Institute Lawn Tennis Competition.
- Shruti Sarphale Siddhesh Dhonduram (SY – A, CS) Cleared the Japanese Language Proficiency Test (JLPT N5), certified by The Japan Foundation, reflecting strong linguistic dedication.
- Tejas Parkar (SY – A, CS) successfully cleared JLPT N5 and JLPT N4 examinations conducted by The Japan Foundation, demonstrating excellent command of the Japanese language.

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

Year of Establishment: 1999-2000



Dr. Kishore Kinage
Head of Department

Department of Electronics & Telecommunication started with Industrial Electronics course in 1999-2000 and changed to Electronics & Telecommunication in 2001-2002. The under graduate course operates with approved intake of 180 for Regular shift. We have also started postgraduate course in VLSI and Embedded Systems with the intake of 18. The Ph.D Research Center has been started from the academic year 2017-18. To ensure high standards of education for its students, the department offers excellent infrastructure and resources in the form of knowledgeable faculty, constantly upgraded well equipped and fully furnished laboratories to supplement the theory courses and a department library having a good collection of informative books.



Vision

To be recognized as a distinguished department in the field of electronics and telecommunication transforming students into competent technocrats by providing an Ethical, Sustainable and Value-Added Quality Education.



Mission

- To create competent Electronics and Tele-communication engineers with Knowledge, Skill and Attitude by establishing a conducive learning environment.
- To nurture technical competency, entrepreneurship skills and promote higher studies through the state-of-art facilities for building successful careers.
- To facilitate research by engaging in projects of industrial requirement and national importance.
- To impart Life skills, Ethical and Social values for self-sustainability.

Salient features:

- The Department of Electronics and Telecommunication Engineering has been playing a vital role in producing engineers and of highest skills and caliber.
- All labs are well-equipped.
- Department of E & TC has highly qualified and experienced faculty with expertise in the areas of Digital Image and Signal Processing, VLSI and Embedded System, Communication Engineering and Process Automation etc.
- Excellent faculty retention Disciplined and Effective implementation of all academic processes through the PDCA approach with ISO 21001:2018

Publications

- Published 20+ research papers in reputed journals, including SCIE, Scopus, and Q1-rated
- Total Conference papers published- 15

Faculty Achievements

- Dr.N.B.Chopade received membership on Academic Council of Autonomous Godavari Foundations, Godavari College of Engineering, Jalgaon.
- Dr. M. T. Kolte: 1. Resource Person in AICTE ATAL workshop of 8-day FDP (RESIDENTIAL, face-to-face) on Universal Human Values Sri Venkateshwara College of Engineering, Tirupati, Tamilnadu
- ofrom 23 to 30 June 2025. 2. Resource Person in AICTE approved 3-day Introductory FDP on UHV at MKSSS's Sitabai Nargundkar College Of Nursing For Women's, Nagpur, , G H Rasoni College of Engineering and Management, Jalgaon, Gharda Foundation's Gharda Institute of Technology, Khed (Ratnagiri), and Padm Dr V B Kolte College of Engineering, Malkapur, Buldana, Maharashtra, 3. Resource person in 6-day RESIDENTIAL face to face FDP on UHV at Rajya Anand Sansthan, Bhopal, MP
- Dr. Varsha S. Bendre and Dr. Aarti S. Pawar coordinated an industrial visit on 27th September 2025 to Ador Powertron Ltd. , Chinchwad, Pune, for third-year Honors students. The purpose of the visit was to offer practical insight into the industrial processes involved in power electronics. The visit successfully bridged academic learning with practical application.
- Dr. D. S. Khurge completed a Quantum Computing 3-month course, hosted by I-HUB Quantum Technology Foundation (I-HUB QTF) is a section-8 company hosted by the Indian Institute of Science Education and Research (IISER) Pune
- Dr. Aarti S. Pawar and Dr. Suvarna S. Shete from the Electronic and Telecommunication Department, along with Mr. Ummid Shaikh from the Mechanical Department attended the Faculty Development Training Program for the MG Nurture Program: Connected, Autonomous & Electric Vehicle Course (CAEV) and an Artificial Intelligence (AI) Course from August 18th to 23rd, 2025 (Off line mode), an Employability Training Program (online mode) from August 25th to 30th, 2025 organized by JSW Morris Garages (MG) Motor India Pvt. Ltd. at Halol, Vadodara .
- PCCOE was honoured with the National Intellectual Property Award by Union Minister for Commerce & Industry, Shri Piyush Goyal, at Bharat Mandapam, New Delhi. The award, organized by the Office of the Controller General of Patents, Designs & Trademarks, recognizes PCCOE's excellence in IP development and commercialization. The award was received by Dr. Ujwal R. Shirode and Mr. Ajjay Gaadhe, Patent Facilitation Cell In-Charge, PCCOE, Pune

Student Achievements

- Tejas Bhonde, Tushar Alande, Aryan Bharaswadkar and Harshal Dharmapurikar (Final Year Btech - E&TC) of *Team Pravartak* under the guidance of *Dr. Rajani P.K. has won the *Best Paper Award* for paper titled 'Solar Kinetic Drive: Revolutionizing Wheelchair Mobility with Hybrid Energy Solutions' at *International Conference on Sustainable Industry 4.O held at D.Y. Patil College Pimpri.
- The following student teams from the Department of Electronics and Telecommunication Engineering (E&TC) have been selected under the 2025 Technology Infusion Grand Challenge (TIGC) – Undergraduate Edition, La Trobe University, Australia Grant Details: 2025–26:
- Team Tejomay, mentored by Dr. Rashmi Patil and Mrs. Suvarna Kadam, comprises members Tejas Bhonde, Pratik Choudhari, Atharva Bidwaik, Tushar Alande, and Aryan Bharaswadkar, and has received funding of 34,652.04 (till date).
- Team Pravartak, mentored by Dr. Rajani P. K., includes Tushar Alande, Aryan Bharaswadkar, Harshal Dharmapurikar, and Tejas Sandeep Bhonde, and is working on the project titled “Hybrid Energy for Smart Cities: Advancing Wheelchair Mobility with Solar-Kinetics” with a total grant of 11,487 (till date)
- Team Geosense, mentored by Dr. K. S. Kinage and Mrs. Sonali Sawant, consists of Tanmay Rajput (121B1E157), Nikita Savale (121B1E169), and Shital Suryawanshi (121B1E18), and is working on the project “Emergency Response Drone for Sky Alert System”, received 27,000 (till date).

Academic Result (AY 2024-25)

Sr No	Class	Quality Result(%)	CGPA of topper
1.	SY	74.44	9.45
2.	TY	56.33	9.47
3.	B.Tech	95.57	9.46

DEPARTMENT OF INFORMATION TECHNOLOGY

Year of Establishment: 2001

Intake: UG-120 PG-18



Dr. Jayashree Katti
Head of Department

The Department of Information Technology at Pimpri Chinchwad College of Engineering (PCCoE) focuses on producing globally competent IT professionals. The department emphasizes quality education, research, and innovation. It fosters industry-academia collaboration, preparing students for emerging technologies like ARVR, deep learning, IoT, and cloud computing. Regular workshops, hackathons, and projects enhance practical skills. The department also contributes to societal development through initiatives aligned with Sustainable Development Goals (SDGs). With a strong focus on excellence, the IT department ensures students are equipped to address real-world challenges and excel in their careers.



Vision

To become a front-runner in the western region in preparing information technology engineers with academic excellence and research skills, empowering their roles in technology and society.



Mission

- To equip students with the skills and knowledge through a dynamic learning environment
- To collaborate with industries to nurture proficient Information Technology Engineers
- To cultivate a spirit of research, innovation, and entrepreneurship to address community and business challenges.
- To imbibe work ethics and leadership skills through co-curricular and extracurricular activities.

Salient Features

- Qualified and experienced faculty
- Advanced computer labs and smart classrooms with latest teaching aids
- Excellent placement record in core and MNC sectors
- Active IEEE, MLSC, and GDGC student branches
- Centres of Excellence in IoT and DevOps
- Specialized AR/VR Lab
- INNOVEDA – a student-led “baby conference”
- International internships and product development grants

Research & Innovation Highlights

- 14 journal papers and 19 conference papers published in reputed venues.
- 7 student papers presented under faculty mentorship at national and international conferences.
- 40 copyrights registered by faculty–student teams.
- 4 patents published and granted, highlighting innovation with impact.
- 7 book chapters and 1 book published in renowned publications.
- 15 M.Tech students presented papers at Scopus-indexed conferences.
- Mrs. Prachi Kavatikar received the Best Paper Award at ICCCUBEA 2025 and represented PCCOE at Avishkar Zonal Level Competition.

Faculty Achievements

- Mrs. Sandhya Waghere – Appreciation Award for exceptional contribution to IIC 6.0.
- Dr. Rajesh Phursule – Research grant of 1,41,795 from PCERF for “Smart Safety Helmet.”
- Dr. Jaya Dewan – ASPIRE-SPPU grant of 3,00,000 for an AI-based cybersecurity project.
- Mrs. Babita Jane and Mrs. Tanuja Patankar – ASPIRE-SPPU grant of 1,24,000 for “Real-Time Video-Based Sign Language Conversion.”
- La Trobe University Grants:
 - Dr. Jayashree Katti – “Hydrosafe” (AUD 350)
 - Dr. Maya Bembde – “Safelane: Smart Solar Signboards” (AUD 600)
 - Dr. Harsha Bhute – “AI-Based Smart Food Tracking System” (AUD 460)
- Mrs. Sphurti Deshmukh – “HarvestSecure AI” (AUD 500)
- Mrs. Vidya Vasekar – Best Paper Award at International Conference on Business Intelligence for “Smart Retention using Generative AI.”

Student Achievements

Academic & Leadership Excellence

- Rakshit Jain—Best Outgoing Student 2025 and IEEE India Council Outstanding Student Volunteer Award.
- Disha Kamalaskar – IEEE Pune Section Outstanding Student Volunteer Award 2024.

Sports & Cultural Achievements

- Girls' Basketball Team – 3rd place in SPPU Inter-Collegiate Competition.
- Girls' Volleyball Team – 2nd place in Inter-Collegiate Competition, Saswad.
- Vikas Bhambre – Selected for Pune District Volleyball Team.
- Trijal Katti – Silver Medal and Player of the Tournament in State-Level Inline Hockey.
- Saniya Mungare—Gold Medal in Indian Classical Vocal at SPPU JALLOSH 2025.
- Aditi Jahagirdar – Led the PCCOE Girls' Badminton Team to runner-up position under SPPU

Technical & Innovation Achievements

- InventPitch 2025 (IEEE Pune Section) – 3rd Prize: Madhav Khobare, Atharva Lokhande, Om Bharambe, Sidhant Mattoo, and Ojas Barhate.
- INNOVIK 5.0 Hackathon (Indore)—Winner: Ved Jadhav.

DEPARTMENT OF MECHANICAL ENGINEERING

Year of Establishment: UG (Mechanical Engineering) 1999, PG (Design Engineering) 2012, PG(Computational Mechanics) 2023, Ph.D (Mechanical Engineering) 2017



Dr. P.R. Kale
Head of Department

The Mechanical Engineering Department at Pimpri Chinchwad College of Engineering is committed to cultivating engineers capable of transforming innovative ideas into market-ready products. The department is supported by a team of highly qualified and experienced faculty members with expertise in diverse domains, including Design, Production, Manufacturing, and Thermal Engineering. At the core of our educational approach is a strong focus on project-based learning, seamlessly integrated into the curriculum under the mentorship of department-dedicated faculty. The department clearly articulated program outcomes and actively implemented initiatives to achieve these objectives. By combining rigorous theoretical instruction with practical, hands-on experience, we aim to empower the students with the skills and knowledge required to excel in the field of mechanical engineering and to contribute meaningfully to industry and society.



Vision

To be the department of sustainable academic excellence, fostering innovation, skill development, and work ethics, leading to globally competent mechanical engineers.



Mission

- Nurture a cohesive learning environment and develop a matching ecosystem.
- Cultivate excellent work ethics and the right attitude among students by imparting essential skills and knowledge.
- Instill a sense of creativity, social responsibility and environmental awareness among students.

Salient features:

- Strong Academic Foundation with Experienced Faculty
- Industry Collaboration and Well-Equipped Industry-Sponsored Laboratories
- MoU of the Mechanical Dept. with the International Council of Systems Engineering (INCOSE) India.
- MoA of Mechanical Department with NRDC, Delhi, for Systems Engineering Support.
- Liquid Raisin-based 3D printing facility available in the dept. for academics, research, and Innovation
- The 3D Experience laboratory to solve real-life problems according to industry practice.

Faculty Achievements

- PhD Completed Faculty: 32
- Total No. of publications: 36
- Book: 01
- NPTEL courses: 07
- Book Chapter: 02
- No. of workshop/FDP attended: 30
- Institute seed funding received: Rs 461500/-
- Other funding received: Rs. 230000/-
- No. of patents: 02
- No. of Copyrights: 03
- No. of MOU's: 14
- Conference proceeding: 02

- Mr. Nilesh Gaikwad: Received certificate of appreciation as faculty advisor of PCCoE ISHRAE Pune Student Chapter and also received the SRPG research grant of Rs 50,000 for SY 24-25 by Mr. Chetan Thakur (President of the ISHRAE Pune Chapter).
- Dr. Amrita Francis: Invited as a panel member in MBSE Submit 2025 organized by INCOSE India in association with PCCoE, Pune for the panel discussion on the topic “Building Talent for Tomorrow's MBSE Needs”.
- Dr. Narendra R. Deore mentored Shreyash Magarpatil and Kalyani Sangolkar, who were selected for an international internship under the prestigious E-Urban Managers Program at Polytech Nancy, University de Lorraine, France, supported by Dassault Systèmes. (Duration: March to June 2025).
- Dr. A. Francis, Dr. V. Bhalerao, Dr. R. Pimpalkar, Dr. N. Mandhare, Dr. J. Goyal, Dr. J. Wagh, Dr. G. Phadtare: The female faculty members of the Mechanical Department participated in the BHONDLA competition organized by the Internal Complaint Committee (ICC) PCCoE.
- Mr. Shriyash Shinde: Participated in research project competition Avishkar (Winner of the Institute and zonal round).

Staff Achievements

- Mr. Karan B. Khare: Completed M.Tech in Design Engineering from SPPU, Pune, with a distinction of 9.4 CGPA and secured a gold medal and registered for Ph.D from SVNIT, Surat under the guidance of Dr. Kamalesh A. Sorate, Assistant Professor at SVNIT Surat, Gujarat.

Student Achievements

- **Ms. Prajakta Ghawate**, Ms Aditi Rade, and Ms Veena Waghmare: Final year students received a certificate of recognition for a paper presentation at the MBSE Summit 2025.
- We are delighted to announce that Sarthak Abhay Patil, a student from the Department of Mechanical Engineering, has received an Unconditional Offer of admission to pursue M.Sc. in Biomaterials and Tissue Engineering at University College London (UCL), September 2025.
- Aditya Suryawanshi, Anand Shinde, Rushikesh Undalkar, and Sharvari Salokhe: Final Year B.Tech students won First Prize and a cash award of 20,000 in the ISHRAE-sponsored INNOVATE X Competition held in Mumbai on 14th Feb 2025. Their project, titled “Design and Development of Cascade Refrigeration Test Rig for Testing Components at -40°C”, impressed the jury with its innovation and practical relevance.
- Aaryan Urkudkar (SY C Mech), Pranav Garg (SY C Mech) received an internship on AI in Industrial Applications & AI in Robotics from 25th Aug to 5th Sept 2025 at RWTH (Rheinisch-Westfälische Technische Hochschule Aachen) Aachen University, Germany (QS World Ranking: 99)
- The Second-Year (SY) C students participated in the Zonal Level Research Competition at AAVISHKAR 2025, under the Humanities, Languages, and Fine Arts category. The event was held on 3rd Oct 2025 at D.Y. Patil Arts, Commerce and Science College, Akurdi, Pune. The participation provided students with a platform to showcase their research skills and interdisciplinary knowledge.
- Harshal was felicitated during the annual prize distribution 2025 for his selection in the Prime Ministry Rally (West Zone) and participation in the Republic Day Parade at New Delhi. His achievement reflects exceptional discipline, dedication, and national representation.
- Rishika Pandit Dhole: Won Second winner cash prize 3k at National Level Ideathon (GFG club of GHRaisoni College Wagholi)
- Shreya Rallapalli: Captain and 2nd prize at intercollegiate and 3rd prize at Pune district level matches of Intercollegiate volleyball matches and Pune district volleyball matches (SPPU)

Student Examination Results

Class	A.Y. 2024-25 Sem-I		A.Y. 2024-25 Sem-II	
	% Result	No. of students in Distinction	% Result	No. of students in Distinction
S.Y. B.Tech	83.84	64	88.54	60
T.Y. B.Tech	75.23	39	84.11	40
B.Tech Final Year	93.80	62	95.71	72

Departmental Initiatives and Events

The department organized multiple academic and enrichment activities during the academic year 2025-26.

- A key highlight was the Indian Knowledge System (IKS) Lecture Series, featuring renowned speakers such as:
 - Prof. Aashish Pandey (IIT Bombay) – “Well-being as a Foundation for Technical Excellence”
 - Mrs. Prajakti Gokhale – “Exploring Ancient Indian Mathematics”
 - Acharya Shreyas Kurhekar – “Indian Knowledge System: Introduction and Prospects”
- The Department has signed a Memorandum of Understanding (MoU) with the Akhil Bharatiya Gandharva Mahavidyalaya Mandal, Mumbai, aimed at promoting the integration of Indian music and arts with technical education.
- As a part of the Product Design and Development course, a practical session on Rapid Prototyping, was organized for students. A live demonstration on 3D printing technologies was conducted by Dr. D. S. Lal
- A team of faculty members from Maratha Mitramandal College of Engineering visited the department to gain insights into the implementation of Multidisciplinary Minor (MDM) courses.
- A collaborative Web Development with JavaScript co-teaching session, led by Mr. Shrikant Kokate, was held for Third Year Engineering students, focusing on practical applications of JavaScript Web APIs.
- An interactive session was held for Second Year students on the Universal Human Values (UHV) multidisciplinary course. Senior students shared their experiences and insights, clarifying doubts and boosting juniors' confidence, which fostered a supportive peer-learning environment and strengthened the bond between the batches.
- The department launched “सहृदय: Connecting Across Disciplines”, an interview-based experiential learning initiative that connects engineering with literary perspectives. It helps students improve their communication, cultural understanding, and sense of ethics by interacting with professionals from different fields. As part of this, students interviewed Ms. Mugdha Godbole, a renowned Marathi actress, and Dr. Aditya Abhyankar, Head of the IT Department at SPPU, and learned about empathy, creativity, and leadership in both art and technology.

In alignment with the department's vision to cultivate critical thinking and creativity, students actively participated in various MDM course events. The Department of Multidisciplinary Studies continues to embody PCCOE's commitment to innovation, flexibility, and holistic education. Through its diverse programs and collaborative initiatives, the department is nurturing globally aware, ethically grounded, and creatively empowered engineers prepared to meet the challenges of a multidisciplinary world.



DEPARTMENT OF MASTER OF COMPUTER APPLICATION

Year of Establishment: 2007

Dr. Ashwini Ladekar
Head of Department



My vision is to establish the PCCoE MCA Department as a leading postgraduate program in the state and beyond by nurturing skilled professionals equipped with strong knowledge and abilities in the dynamic field of information technology management. With excellent infrastructure, modern laboratories, experienced faculty, strong placement records, and regular workshops on emerging technologies, the department provides a rich learning environment with NEP 2020 aligned MCA curriculum. Our goal is to shape students into competent technocrats and responsible individuals who contribute to society and inspire future generations.



Vision

To be a renowned hub in computer application education dedicated to provide Ethical, Sustainable and Value-Added Education, nurturing skilled professionals equipped for successful careers in the digital world.



Mission

- Cultivate a responsive community that addresses the evolving needs of society by providing essential learning environment and culture
- Empower students with the right Attitude, Skills, and Knowledge by providing a comprehensive curriculum in computer applications development and management. Foster the growth of globally competent and thoughtful graduates, researchers, and entrepreneurs who excel in demanding scenarios

Salient features:

- The curriculum provides multiple career paths such as Software Development, Software Testing, Network Security, and Data Science for the students to choose from Choice-based, Credit-based, Skill-based curriculum (NEP 2020 Aligned).
- The proper inclusion of Project-based, Problem-based and Activity-based Teaching and Learning with mini projects/MOOC/seminars etc.

Faculty Achievements

- Mr. Prakash Ukhalkar received the Best Paper Award for his research paper titled “Bank Nifty: Study of Stock Price Predictions Using Machine Learning and Sentiment Analysis” presented at the 5th International Conference on Computer Technology, Management, and Its Applications, organized by IMCC, Pune on 28th February and 01st March 2025.
- Mr. Bali S. Khurana authored and published a book titled “Data Mining and Data Warehouse” for M.Sc. students, published by Vision Publications.
- Mr. Rajkamal Sangole authored and published a book titled “Advanced Mobile Technologies” and “Full stack Development -II” for M.Sc. students, published by Vision Publications.
- Total 7 papers published at International Conferences and 3 technical books are published by faculty.

Student Achievements

- Rohit Kumar and Utkarsh Rajput collaboratively developed an NGO website for the Sandesh Borde Sports Foundation, reflecting their technical proficiency and dedication to community service.
- SYMCA student, Mr. Rohit Kumar, designed the logo for PCCoE's Sustainable Development Goals (SDG) Cell – सृष्टी (Srushti) Innovation & Entrepreneurship (IEN) Cell at PCCoE.
- Abhishek Dadhel brought laurels to the institute by achieving outstanding success in several national-level competitions, securing multiple top positions, including 1st Prize at Cryptera (Coimbatore), 3rd Prize at IIM Indore, 1st Prize at Symbiosis Law School, Pune.
- Mahesh Ushir , Manthan Jadhav , Shivprasad Patil from FYMCA secured 1st Prize in the Debate Competition organized under “ Anika – Empowering Voices, Empowering Strength ” by NSS, PCCOE on 8th October 2025.
- FYMCA Mahesh Ushir, Om Ghadge and Ananya Thakur secured first prize in Debate Competition on the topic “Is AI Friend or a Foe” organized by the Department of Applied Sciences and Humanities, PCCOE, Pune.
- One Research Project “ACCENTO” was selected at SPPU University Level in Avishkar -2025 competition conducted by SPPU Pune.
- For the Academic Year 2024–25, the institute achieved remarkable results with FY MCA securing a pass percentage of 95.65% and SY MCA attaining an impressive 98.46%.

Placement Highlights:

- **Placement:** Total 37 students are placed in 2025 pass out batch and total 24 students are placed in 2026 passing out batch and still in progress.
- **Event Organized:** MCA Department has organized “Gyanotsav” on 21st and 22nd March 2025 which involves (1) Project Presentation (2) Poster Presentation (3) Paper Presentation. Total 69 projects and 35 technical posters were presented by the students. Expert session on "Project Management – Software Cost Estimation". It was conducted by Mr. Prashant Lele (Seasoned IT Infrastructure Project Manager).

Department of Vocational Studies

Year of Establishment: 2021-22



Dr. Umesh Potdar
Head of Department

The Bachelor in Vocation program at PCET's PCCOE was started in 2021-22 with specializations named Internet of Things, Mechatronics Engineering, Industrial Refrigeration and Air Conditioning, and Solar Systems, with a student intake capacity of 30 for each program. Two additional specializations, Logistics Management and Construction and Project Management, were started in 2023-24, with a student intake capacity 30 for each program. The Dept. has well-equipped laboratories to provide hands-on to students. The objectives of this program are preparing students Industry ready to cater the need of skilled workforce for national and local Industries.

Salient features

- Well-equipped Laboratories
- Good association with Industries for student Internship opportunities
- Industry participation in curriculum development
- 60 % credits to On Job Training and 40 % credits to classroom teaching
- Multiple entry/exit option

Student Achievements

- SY IOT student Atharva Phadke won 3rd prize in Electrothon competition in Technovate 2025 organized by PCET's PCCOER, Pune.
- SY IOT student Atharva Phadke won 2nd runner-up prize in national level Techno-Social Symposium 'INOVISION 2025' organized by JSPM's RSCOE, Pune dated 5-6th February 2025.
- SY IOT student Atharva Phadke has successfully completed online non-credit course 'Version Control with Git' authorized by Atlassian and offered through Coursera.
- SY IOT student Atharva Phadke has successfully completed online non-credit course 'Hands-on Introduction to Linux Commands and Shell Scripting' authorised by IBM and offered through Coursera.
- SY IOT student Atharva Phadke has successfully completed online non-credit specialization 'Hands-on Internet of Things' authorized by ILLINOIS and offered through Coursera.

Student Achievements

- Pankaj Shelake (FY B.Tech – M) secured the Second Prize in the Handball Matches organized by the Pune District Zonal Sports Committee.
- Shivani Vibhute (FY B.Tech – M) achieved the Second Prize in the Liffoff Competition conducted by Team Anantam, PCCoE.
- Palak Shinde (FY B.Tech – M) also earned the Second Prize in the Liffoff Competition organized by Team Anantam, PCCoE.
- Sarangsing Sudamsing Ingle (FY B.Tech – I) won the Gold Medal in the Urgent Run and Flea event organized by Ecosan Services.
- Omkar Gurav (FY B.Tech – I) secured the Bronze Medal in the Urgent Run and Flea event by Ecosan Services.
- Samiksha Kamble (FY B.Tech – I) achieved the Silver Medal in the Urgent Run and Flea event conducted by Ecosan Services.
- Harshita Patil (FY B.Tech – H) won the MindShot Challenge organized by AiMSA, PCCoE.
- Anniruddha Gaikwad (FY B.Tech – L) won the First Prize in the MindShot Challenge organized by AiMSA, PCCoE.
- Deshmukh Atharv Satish P (FY B.Tech) secured the First Prize in the Singing Contest at the Divine Youth Festival organized by the Defence Force League and DIFT Foundation
- Khushwah Kanak Kapil P (FY B.Tech) was awarded the Reliance Foundation Undergraduate Scholarship worth 2,00,000 for academic excellence.
- Kunal Rathi (FY B.Tech – H) emerged as the Overall Champion in the Electric Solar Vehicle Challenge (ESVC 3000+) organized by the Imperial Society of Innovative Engineers (ISIE).



MEMORY HIGHLIGHTS





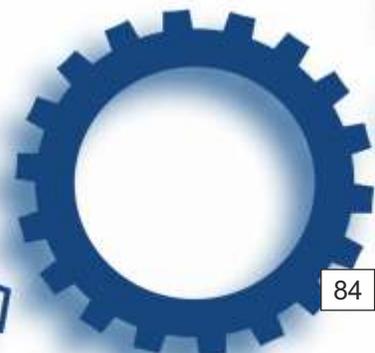
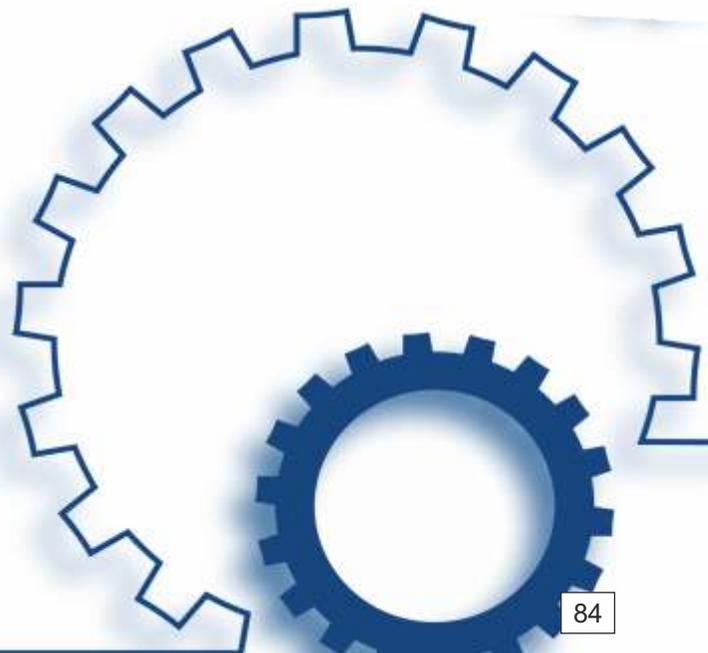
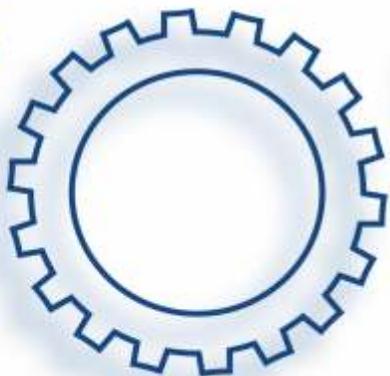








SPECIAL REPORTS





TRAINING AND PLACEMENT CELL

- For PCCOE 2025 batch, Percentage of single offers with respect to eligible students : around 75 %.
- 1,036 Job Offers for 993 PCCOE students.
- 310 Companies conducted recruitment drives for 2025 batch students till date (placement is going on)
- Highest Internship Stipend grabbed by PCCOE 2025 batch Student : LinkedIn with stipend Rs. 1,00,000 per month.
- Quantity Placements of PCCOE 2025 Batch : Capgemini - 249, Accenture - 147, TechMahindra - 77, KPIT - 43, Cognizant - 39, LTI Mindtree - 38.
- Top Internship Opportunities for 2025 batch with their stipend per month : A. P. Moller Maersk - 50,000/-, Nutanix - 40,000/-, Ansys Software - 40,000/-, Semtech : 35,000 /-, EQ Technologic : 35,000 /- , Cummins : 30,000 /- etc.
- Some of Core companies visited for 2025 batch : Tata Advanced Systems Limited, Force Motors, Thermax, Bosch Chassis Systems India, Kirloskar Pneumatics, Bajaj Electricals, Sandvik, KSB Limited, Sidel India, Jaya Hind Industries, Mahindra & Mahindra, ATS Conveyors, Yanfeng, Kirloskar Brothers Limited, Atlas Copco, Bluestar and many more.
- 84 Companies visited till date for 2026 batch (Placement is going on).
- Top Internship Opportunities for 2026 batch with their stipend per month : Addepar - 50,000/-, Philips - 45,000/-, Ansys Software - 40,000 /-, Rapid7 : 40,000/-, Lattice Semiconductor : 35,000 /- etc.
- Product Company Ansys offered a scholarship to PCCOE 3 students through their CSR Fund. Scholarship Amount Rs. 2,46,809 /-.
- 2 PCET students from the 2026 batch received the scholarship of Rs. 65,000 /- from the Eaton Company, "Pratibha Excellence Scholarship".
- We have received the sponsorship of Rs. 7,59,000 /- from Mahle Engineering for the Team Kratos Racing, Team Red Baron, and Team Automatons of PCCOE.
- We have signed MoUs with companies like Tata Technologies, GE Aerospace, FEV, JSW MG Motors, Eaton, HCL Tech, Board of Apprenticeship Training (BOAT), and many more.
- We have organized a two-day Cavista Hackathon for students on 22nd and 23rd February 2025 at PCCOE, Nigdi, Pune. Around 200 students participated.
- We have provided an opportunity to 6 PCCOE Faculty members to attend 1 Week Faculty Development Program (FDP) by Tata Technologies between 17th March 2025 to 21st March 2025.
- We have organized "IIF PCCOE Job Fair 2025" by Institute of Indian Foundrymen (WR) on 19th April 2025 at PCCOE, Nigdi, Pune.
- We have organized "PCCOE-Samvid Job Fair 2025" by Mahesh Professional Forum (MPF) on 21st September 2025 at PCCOE, Nigdi, Pune.
- We have provided an opportunity to 3 PCCOE Faculty members to attend a 1 Week Train the Trainer program at JSW MG Motors, Vadodara.
- 4 Faculty members nominated by T&P cell for FDP of Wipro.
- Conducted company-specific Mock Tests for Mass recruitment companies like Capgemini (14 Mock Tests), Cognizant (7 Mock Tests), for the 2026 batch students.
- Conducted Cocubes Tests for 2028, 2027, and 2026 batch students on 14th, 15th, and 16th July 2025, respectively.
- TNP organized a fair by international universities for understanding industry institute interaction & higher education opportunities for our students on 18th September 2025 at PCCOE, Nigdi, Pune. Around 20 universities participated in the Fair.

Sports Report

Organization of a 16 days Yoga workshop

Pimpri Chinchwad College of Engineering, Nigdi and YOGARTHI School of Indic Studies, Chinchwad jointly organized “16 Days Workshop” from 3rd to 24th April 2025. Total 32 PCCOE students and staff participated in 16 Days Yoga Workshop.

Yoga Workshop conducted by Yoga Coach Mrs. Bhakti Thorat.



State-Level Korfball Referee Clinic and Workshop

By recognition of Maharashtra Korfball Association, Pimpri Chinchwad College of Engineering, Nigdi and Pimpri Chinchwad Korfball Association jointly organized State-level Korfball referee clinic and workshop on 5th & 6th June 2025.

Total 46 referees, coaches from different districts from Maharashtra state attended the workshop.

In the opening ceremony MLA Mr. Amit Gorkhe, PCET Trustee Mr. Narendra Landge, International Korfball Referee Mr. E. B. Srikanth, Pimpri Chinchwad Korfball Association Secretary Mr. Sachin Vavle were present.

2-day session was conducted by International Korfball Referee Mr. E. B. Srikanth.

A State-level Referee Exam was also conducted.

In the closing ceremony, Sports Minister Maharashtra State's SDO Dr. Ranjit Chamle, PCCOE Director Dr. Govind Kulkarni were present.



International Yoga Day

Our College has celebrated International Yoga Day on 21st June 2025. Total 93 staff members participated in the yoga session.

Yoga session was taken by Rajyog Yoga & Wellness Mrs. Sonal Patil, Yoga Instructor, Yoga Therapist & Hormonal Healing Expert.



Inter-Collegiate Badminton (Men & Women) Competition

Pune District Zonal Sports Committee, SPPU and Our Pimpri Chinchwad College of Engineering, Nigdi jointly organized Inter Collegiate Badminton (Men & Women) Competition from 14th to 16th October 2025.

Total 378 Boys students from 54 colleges and 294 Girls students from 30 colleges under PDZSC participated in competition.

In the opening ceremony PCET's SDW Dean Dr. Padmakar Deshmukh, PDZSC Secretary Dr. Amey Kale and Team Manager were present.

In the Prize Distribution Ceremony, PCCOE Deputy Director Dr. Nilkanth, SDW Dean Dr. Padmakar Deshmukh, PDZSC Secretary Dr. Amey Kale, Jt. Secretary Dr. Akshay Kashid, Dr. Ganesh Chavan were present.



Inter-Collegiate Cricket (Men) Competition

Pune District Zonal Sports Committee, SPPU and Our Pimpri Chinchwad College of Engineering, Nigdi jointly organized Inter Collegiate Cricket (Men) Competition (Quarter 2) from 3rd to 6th November 2025.

Total 240 Boys students from 16 colleges under PDZSC participated in the competition.



National Service Scheme (NSS)

Faculty Coordinator: Dr. Sandip K. Jagadale



- Kshitij – Where Visions Meet Action (17th–19th January 2025): Four PCCOE NSS volunteers engaged in leadership and community-driven activities at COEP Tech University, benefiting four individuals.
- Utkarsh – State Level Social and Cultural Competition (11th February 2025): Seven NSS volunteers showcased traditional Maharashtrian art forms like Powada and Bharud at SPPU, benefiting seven participants and promoting cultural pride.
- Swachh Maharashtra Abhiyan (15th February 2025): Ten volunteers participated in a cleanliness drive at Durga Tekdi, Nigdi, contributing to a cleaner environment and directly benefiting ten local citizens.
- Durgvedh 2.0 (13th February–11th March 2025): Sessions on fort heritage, Shivshambhu Vyakhyan, cultural and fort-building competitions engaged over 6,000 participants, promoting heritage awareness, creativity, and responsible trekking, culminating in a prize distribution with Adv. Anand Deshpande.
- A Blood Donation Camp held on 19th March 2025 successfully gathered 170 blood units, aiding 170 beneficiaries and fostering community health awareness.
- Tree Plantation Drive (28th March 2025): NSS volunteers planted over 50 saplings at Pimpri Chinchwad University, benefiting 10 participants.
- DTE Meeting on Swachh Hast Abhiyan (4th April 2025): Principals, directors, and volunteers discussed cleanliness initiatives at PCCOE, benefiting 40 participants.
- Team Building and Bonding Activity (20th May 2025): Interactive games and alumni-led sessions fostered teamwork among 37 volunteers, benefiting over 30 participants.
- Independence Week and Engagement Activities (13th–15th August 2025): A session by IAS Avinash Dharmadhikari on “Partition Horrors Remembrance Day” engaged 71 volunteers and benefited 879 individuals, followed by a Drug Awareness session by Mr. Nitin Fatangade promoting a drug-free lifestyle, and the “Selfie with Tiranga” activity supporting the Har Ghar Tiranga Abhiyan.
- Ganesh Visarjan Environmental Initiatives (6th & 15th September 2025): The NSS unit conducted Nirmalya collection and crowd management at Ganesh Talav, Nigdi, benefiting 3,000 people with 33 volunteers, followed by the Shadu Mati Collection Drive during Ganesh Visarjan to promote environmental conservation.
- Cleanliness Drive at Bhakti-Shakti Chowk, Nigdi (25th September 2025): NSS, in collaboration with PCMC workers, promoted hygiene, environmental awareness, and community responsibility among students and citizens.
- ANIKA 3.0– Empowering Voices, Empowering Lives (7th–9th September 2025): Sessions on Sex Education, “Me Too – Our Answers” with Debate, and “Navdurga” engaged over 85 volunteers and benefited over 380 individuals through awareness and empowerment activities.





CLUB REPORTS

TEAM KRATOS RACING ELECTRIC

Faculty In charge : Dr. Sagar Wankhede

Year of Establishment: 2014

Introduction: Team Kratos Racing Electric represents the Formula Student initiative at Pimpri Chinchwad College of Engineering, consisting of 40 dedicated undergraduate students from diverse disciplines fostering a truly interdisciplinary collaboration. Our team thrives on a rigorous work ethic, with members investing countless hours at the workshop, where tireless efforts and commitment have become integral to our daily routine. Within this environment, we undertake the comprehensive process of designing, manufacturing, and testing a Formula 1-inspired vehicle. Our mission is centered on encouraging students to refine their skills and execute tasks with precision. Our ultimate goal is to compete at the highest echelons of motor racing, commencing at the national level and progressively elevating India's standing on the global stage.



Major Achievements:

In the recent Event Formula Bharat 2025 our

Achievements are :-

- (i) Overall Champions :- 1
- (ii) Overall Dynamics :- 1
- (iii) Acceleration :- 1
- (iv) Skidpad :- 1
- (v) Autocross :- 1
- (vi) Endurance :- 1
- (vii) Efficiency :- 1
- (viii) Cost & Manufacturing :- 2
- (ix) Business Plan :- 3
- (x) Special Awards :-
 - a) Best Driver
 - b) Cleanest Pit

Contributions to College Community:

- (1) Mr. Invesh Sonar :- Dentsu
- (2) Mr. Raturaj Patil :- Thermax
- (3) Mr. E. R. Harikrishanon :- Rolls Royce , Bazz
- (4) Mr. Aadinath Kelkar :- Thermax Limited
- (5) Mr. Yashwant Kamble :- Tata Advance
- (6) Mr. Dhruv Bhatt :- Dassault System
- (7) Mrs. Radha Karle :- Brose
- (8) Mr. Soham Patil :- Brose
- (9) Mr. Nirbhik Navin :- Sarang Shakti
- (10) Mr. Hrishikesh Barpande :- Vazirani Automotive
- (11) Mr. Om Lonkar :- Atlas Copco.



TEAM MAVERICK

Faculty In charge: Mr.Chandan Ingole Sir

Year of Establishment: 2021

- We Design, Innovate, Fabricate and Test all category UAV - Fixed wing & Multirotor drones.
- The team's objective is to allow students to transcend themselves and sharpen their skills in the field of aerodynamics and aviation.
- The team is enriching this learning experience by participating in a hands-on engineering challenge at the SAE Aero Design Series at the National and International levels.
- To promote community, build intellect in aviation, and develop application technologies which have the potential to create significant impact on the society. To acquire proficiency in various aero design competitions and develop expertise in aerodynamics and aviation.
- Our vision is to make students industry ready by developing the corporate working structure & Promote Innovation in Aviation Industry.



Major Achievements:

At SAE Aero Design 2025, California, USA, our team achieved the following recognitions:

- 1.Overall Global rank :6th Rank
- 2.Design Report:2nd Rank
- 3.FDRR Presentation:7th Rank
- 4.Asia Ranking:2nd Rank

Contributions to College Community

1. ROTOR-X (Team Maverick India x ETSA, PCCOE)

Team Maverick India collaborated with ETSA PCCOE for RotorX, a two-day drone workshop engaging 108 participants in hands-on UAV training and innovation. The event featured live demos, competitions, and advanced drone applications.

2. GLIDER WORKSHOP (Team Maverick India x Kalam Labs)

In collaboration with Kalam Labs, Team Maverick India conducted a Glider Workshop engaging students from various schools across Pune with the 650 participants for two days in 6 shifts. Students explored aerodynamics, built model gliders, and enjoyed exciting hands-on flight demonstrations.



SAE Aerodesign west 2025



Our Team with organising Committee



Student Workshop in Collaboration with Kalam Labs



RotorX Workshop in Collaboration with ETSA

TEAM AMBUSH

“Innovate, Design & Bring Mechanization in Agriculture”

Faculty In-Charge: Dr. Ishan Sathone

Year of Establishment: 2017

Introduction

Team Ambush is a multidisciplinary group of undergraduate students from Pimpri Chinchwad College of Engineering, Pune, united by the vision of revolutionizing agriculture through technological innovation. The team focuses on designing, conceptualizing, fabricating, and testing an Automatic Tractor-Driven Multi-Vegetable Transplanter that enhances productivity and precision in the farming process.



Major Achievements (Jan – Oct 2025)

1. All India Rank 01 – SAE TIFAN 2024–25
2. Best Design Award – Rank 01 – SAE TIFAN 2024–25
3. Best Productivity Award – Rank 02 – SAE TIFAN 2024–25
4. Altair CAE Award – Rank 01 – SAE TIFAN 2024–25

These awards highlight the team's dedication to continuous innovation, problem-solving, and teamwork.

Contributions to College Community- Workshops and Knowledge Exchange:

- Conducted two interactive sessions on the use of sensors for second-year engineering students as part of their formative assessment activities. The sessions provided hands-on experience with various sensors and their applications in automation and agriculture, helping students connect theoretical concepts with real-world projects.
- Organized technical discussions and mentoring sessions with juniors to introduce them to SAE TIFAN's working structure, design methodologies, and competition standards.
- Collaborated with industry professionals and alumni to bridge academic learning with practical engineering. Experts from the following organizations interacted with the team:
 - JCB India Pvt. Ltd.
 - PACCAR India
 - Dassault Systèmes
 - John Deere India
 - Brose India
 - Ecolab
 - Mahindra & Mahindra
- These collaborations enabled valuable learning in design validation, CAE analysis, project management, and manufacturing feasibility.



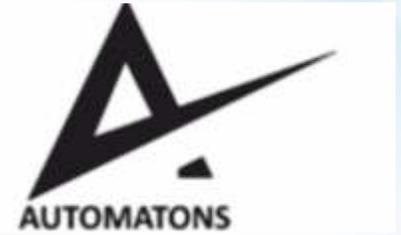
TEAM AUTOMATONS

Faculty In charge: Dr. Sanjay B. Matekar, Dr. Varsha Bendre

Year of Establishment: 2012

About the team:

- We are Team Automaton, a robotics research and development team of Pimpri Chinchwad College of Engineering (PCCoE), Pune, India. Our team is run by undergraduate students from diverse engineering disciplines. We participate annually in the International Robotics Competition ABU Robocon.
- Our vision is to build robots capable of solving real-world problems and contributing to a better tomorrow. Our mission is to make India a global representative in the field of robotics by working relentlessly as a team and taking every effort that counts in achieving this goal.



Major Achievements:

- Team Automaton has consistently showcased excellence in the ABU Robocon competitions, securing top national ranks year after year. In Robocon 2024, we achieved All India Rank (AIR) 2, marking a proud milestone in our journey.
- Continuing this legacy, we secured AIR 9 in Robocon 2025, demonstrating our commitment to innovation and technical excellence. Our fully autonomous robot featured advanced sensor integration for precise navigation, while our semi-autonomous robot ranked among the fastest in India, excelling in both speed and efficiency.
- Expanding beyond national competitions, we made our mark in space robotics by participating in the International Rover Challenge 2025 (SPROS). Our team successfully qualified for the finals by developing a rover capable of autonomous navigation, Astro biological exploration, long-range communication, and object retrieval using a 5 DOF robotic arm. These achievements highlight our dedication to continuous improvement, teamwork, and pushing the boundaries of robotic innovation.

Contributions to College Community

- Beyond competitions, Team Automaton actively contributes to the robotics community through workshops, NGO collaborations, and training programs. We conduct sessions on drone technology and embedded systems, teach underprivileged children the fundamentals of robotics, and organize first-year training to ensure knowledge transfer within the team. Additionally, we showcase our innovations at college exhibitions, industry visits, and technical fests, engaging with professionals, students, and academicians while demonstrating our expertise in autonomous systems, sensor integration, and high-speed robotics.
- Placements in companies like ADDVerb Technologies, Technowings Automation Pvt. Ltd.



PCCOE CODING CLUB

Faculty In charge: Mr. Abhishek S. Raut

Year of Establishment: 15/02/2025

Introduction:

The PCCOE Coding Club is a vibrant, institute-level collaborative hub that unites students from diverse engineering branches. It serves as a platform for coding challenges, hackathons, and cybersecurity events, welcoming all skill levels to collaborate, learn, and innovate together. Our core objectives focus on developing strong programming skills by offering regular training sessions in algorithms, data structures, and competitive programming. Long-term, we aim to bridge academic knowledge with industry demands by facilitating real-world projects and networking opportunities.



Major Achievements:

- Smart India Hackathon (SIH) and the AMD Hackathon, led by Soham Mhatre and Tushar Badlani.
- 7 Teams in the 2nd round of SIH & 4 Teams were selected in IR Cell's Indradhanu IGC Hackathon.
- Club members are now preparing for the International Collegiate Programming Contest (ICPC), focusing on Data Structures and Algorithms.

Internship and placement highlights:

- Siddhesh Patil - Google
- Manthan Barhate, Sarthak Joshi, Indrajeet Bhosle - SaaS
- Indrajeet Bhosle - also at Addepar
- Pranav Patil, Kartik Totlani - Quick Heal
- Anish Patade, Atharva Bhore - PTC
- Mihir Pande - CrowdStrike
- Tushar Badlani - ConnectWise
- Vineet Prashant - EQ Technologic
- Aditya Vedpathak - Tracelink
- Aviraj Kale - Josh Software
- Harshal Bagade - Calfus Bangalore

Contributions to College Community

An AlgoZenith competitive programming workshop was held on July 10, 2025, featuring Vivek Gupta, ICPC World Finalist and Google Software Engineer. The session strengthened our college's technical community by promoting a strong culture of competitive programming.



TEAM ANANTAM ROCKETRY AND SPACE RESEARCH

Faculty In-Charge: Dr. Ketan Desale

Year of Establishment: 2024

About the team:

Team Anantam Rocketry and Space Research is the official rocketry and astronomy club of Pimpri Chinchwad College of Engineering (PCCoE). Established in 2024, the team focuses on designing, manufacturing, and testing model and experimental rockets, while simultaneously promoting scientific curiosity in the field of space research and astronomy. The club provides a platform for students passionate about aerospace engineering, propulsion systems, and celestial observation to collaborate, innovate, and excel in national and international competitions.



Major Achievements (January 2025 – October 2025):

Blue Butcher Rocket Series:

- Blue Butcher 1 reached an apogee of 115 m, marking the team's debut flight.
- Blue Butcher 2 attained 75 m, partially successful due to premature recovery deployment.
- Blue Butcher 2.5 achieved a successful launch with an apogee of 450 m, full recovery, and onboard avionics and telemetry data collection.

Ignite India Rocketry Challenge: Designed and manufactured Nambi 01, a national-level competition rocket targeting 800 m altitude, featuring a gyrostabilized onboard camera and a distinctive red-white theme.

Contributions to the College Community:

Beyond rocketry, the team's astronomy division actively engages students and the public through outreach initiatives. The **Tarangan STEM Workshop** introduces school and college students to astronomy and space science through hands-on sessions. Additionally, **Celestial Nights** organized on campus allows participants to explore the night sky using telescopes and guided sessions.

Looking ahead, Team Anantam is preparing for prestigious competitions such as the IN-SPACe Model Rocketry Competition **2026 (ISRO & ASI)**, **CanSat India Challenge**, and the **Latin American Space Challenge (LASC)** — marking the team's entry into the international rocketry stage.



TEAM RED BARON

Faculty In charge: Prof. Ummid Shaikh

Year of establishment: 2012

About the team:

Team Red Baron comprises a group of 30 undergraduate students from various engineering disciplines of Pimpri Chinchwad College of Engineering (PCCoE). The team is dedicated to designing, manufacturing, and testing All-Terrain Vehicles (ATVs) to compete in both national and international SAE BAJA competitions.

SAE BAJA is an intercollegiate motorsport event where student teams conceptualize, design, and build electric-powered ATVs, which are then tested on challenging terrains to evaluate their endurance, performance, and maneuverability.

Our vision is to design and develop the ideal ATV capable of enduring and thriving in the toughest conditions. Our mission is to innovate and build robust off-road vehicles while providing students with a hands-on platform to enhance their technical, managerial, and teamwork skills equipping them to excel in their future careers.



Our Achievements in 2025 Season:

- Overall AIR 3 In E-BAJA 2025
- AIR 1 in overall static event winner in E-BAJA 2025
- AIR 2 in Cost Event Presentation
- AIR 2 in Computer Aided Engineering Presentation
- AIR 3 in Sled Pull
- AIR 4 in Vehicle Design Presentation
- AIR 4 in Business plan Presentation
- AIR 4 in Maneuverability Test
- AIR 5 in 4-Hour Endurance Race

Our Contributions to the College Community:

- All the B-tech Students Placed in top Companies like Oben, Renault Nissan and eka mobility in academic year 2024-25.
- Hands-on experience with projects involving latest trends to 50+ students.
- Exposure to students in various top industries and companies.



TEAM SOLARIUM INDIA

Faculty In charge: Dr. Jaya Goyal

Year of Establishment: 2016

About the team:

Team Solarium India is a multidisciplinary student team dedicated to the research, design, and development of solar electric vehicles that promote sustainable mobility. Founded with a vision to drive innovation in renewable transportation, the team integrates knowledge from mechanical, electrical, and energy engineering to create efficient, ecofriendly vehicles. Through participation in international events such as the Sasol Solar Challenge, Team Solarium India aims to showcase India's potential in clean energy technologies and foster a culture of sustainability and technical excellence among students

To pioneer the development of sustainable solar mobility solutions by enhancing energy efficiency, safety, and performance while nurturing technical excellence among students. We strive to bridge the gap between academic learning and industry application through innovation, teamwork, and real-world engineering.

To acquire a strong foundation in mechanical, electrical, and software systems integration while promoting innovation in renewable mobility. We aim to make solar-powered electric vehicles viable for practical transportation and represent India in global solar challenges such as Sasol Solar Challenge 2026.



Major Achievements:

- **National Champions – ESVC 3000 (2025):** Secured 1st place nationally in the Electric Solar Vehicle Championship (ESVC 3000), showcasing cutting-edge innovation, endurance, and efficiency.
- **National Champions – NSVC (2023):** Achieved 1st position in the National Solar Vehicle Challenge (NSVC 2023), marking a milestone in the team's journey toward excellence.

Contributions to College Community: Placements at different reputed companies like -

Tesla Motors, Tonbo Imaging, Mercedes Benz R&D, Force Motors, Eaton, HCL Tech, NVIDIA.





STUDENT CHAPTERS



FESA

Faculty In-charges: Mrs. Sujata Bhamre & Dr. Shaziya Shaikh

The First Year Students Association (FESA) at PCCoE, established in 2024–25, aims to support the holistic development of first-year students. As a student-driven body, it fosters leadership while building technical and non-technical skills. Through its specialized cells, FESA encourages collaboration and innovation by organizing diverse events, workshops, and developmental activities.

Sessions and Workshops

1. Lecture Series on the Indian Knowledge System by Mrs. Prajakti Gokhale, Director, India-Institute for Advancement of Vedic, Mathematics 20th and 21st February 2025
2. Training Program on Industrial Robotics and Automation by PMS Robotics Research Center, 13th March 2025

SPECTRUM – Technical Symposium

FESA successfully conducted a major state level technical Symposium “SPECTRUM”, on 8th March 2025. Total 12 Events conducted and 1610 first-year students participated. Sponsorship Amount received as 2.5 lakh.

Club Activities

- MatholicAI: The power-packed event crafted to ignite passion for mathematics and logical reasoning conducted by the Mathematics Team.
- Chemistry Club: Model Making and Poster Making competitions were conducted to encourage students to creatively explore and present concepts related to chemistry.

ISR (Institute Social Responsibility) Cell Activities

Under the ISR cell of FESA, several outreach initiatives were conducted in collaboration with NFBM Jagriti School for Blind Girls, Khed, Pune, as part of an active MOU. These included a Financial Literacy Workshop (30 November 2025), training on using online transport applications (6 February 2025), provision of audio learning materials (3 March 2025), and a Disaster Management Awareness Session (19 March 2025).

Cultural Activities

The AS&H Department secured the PCCoE Champions Trophy in SWARTRANG 2025. To support participation and enhance student involvement, FESA organized several cultural preparatory activities, including Photography, Painting, Rangoli, Doodle/Mandala Art etc.

Alumni Interaction Session

An online alumni session titled "Engineering 101" was conducted on 29th May 2025 by the alumni Mr. Utkarsh Bhalwankar, guided first-year students regarding their four-year engineering journey.

This session provided valuable insights into academic planning, skill development, and emerging domains in engineering.



CiESA

Faculty In-charge: Ms. Kanchan Dhapekar

Introduction

CiESA, the Civil Engineering Students Association at PCCOE Pune is run by Civil Engineering Students. It provides a platform for the skill development through curricular and extracurricular activities and manages departmental events.

Major Events Organized

- CiESA Installation Ceremony was organized on 19th August 2025.
- Teachers' Day Celebration was conducted on 8th September 2025 to express gratitude and appreciation towards faculty members
- Engineers' Day Celebration was organized on 15th September 2025, commemorating the birth anniversary of Sir M. Visvesvaraya.
- An Expert Session on the topic "Sustainable Infrastructure, Modern Design Practices, and Future Mobility Solutions" was delivered by Mr. Ganesh Petkar, Design Head – Highways, Triumph Infracore on Engineers Day.

IGS Student Chapter Events

A site visit to GAIKWAD UNICO Residential Tower, Kiwale, was conducted on 10th October 2025 to provide students with practical exposure to the layout, construction process, and reinforcement detailing of raft, stepped, and combined foundations, along with an understanding of formwork and concreting practices adopted at the site.



CiESA Installation Ceremony



CiESA Installation Ceremony

CESA

Faculty In-charge: Ms. Rohini Tambe (CESA Coordinator)

The Computer Engineering Students Association (CESA) at PCCOE was established in 2012. It is a student-driven organization that nurtures technical and non-technical skills through various specialized cells. CESA comprises the ACM Student Chapter, ACM-W, Google Developer Groups Campus (GDGC), OWASP, and LFDT fostering knowledge, collaboration, and innovation through diverse events and workshops.

ACM Student Chapter at PCCOE is affiliated with the Association for Computing Machinery (ACM), the world's largest computing society. It promotes computing excellence, research, and networking through activities like ESP sessions on IT Trends, Generative AI, Membership & Recruitment Marketing, Website Design and Optimization Discussion, Turing Award Session 1.0, Alumni Interaction Session, various Aptitude and Coding Contests. These events bridge the gap between academics and industry, providing insights into emerging technologies and career opportunities.

The ACM-W Chapter empowers women in computing through technical and leadership events such as Her Hack Hour, NavQuiz, TechShakti Hackathon enhancing technical skills, leadership abilities, and confidence among female students.

OWASP promotes cybersecurity awareness with hands-on sessions like Engineers Day (Bootcamp), Cybersecurity Session (Inter-college collaboration), Cybersecurity Conference, Cyberkavach equipping students with ethical hacking skills and secure coding practices.

LFDT promotes blockchain, digital ledgers, and cryptographic systems through keynote session (hyperledger and its real-world application), Informative Session (LedgerLancer: striking into digital ledger world), Informative session (The Cryptographic core: Security & privacy in decentralized Systems), and Buildathon.

HACKTOBERFEST is a highly anticipated event featuring both technical and non-technical activities such as the Profile Building Session, Escape Room (Non-technical Event), Git & Git-Hub Session, Resume Building, and the flagship event the Hactopia Hackathon. These sessions, along with various other CESA initiatives, provide students with technical knowledge in AI, cybersecurity, and software development while offering industry exposure through expert talks and workshops. ACM-W's inclusive programs empower women in tech, and events focused on resume building and public speaking contribute to professional growth. Hackathons and competitions further foster innovation and collaboration, preparing students for industry challenges.

Achievements

- ACM Student Chapter – Outstanding Student Chapter Award (2024): Recognized nationally for impactful initiatives and high-quality technical activities.
- ACM Chapter Featured by ACM India: Acknowledged for reporting the highest number of student-led events demonstrating sustained engagement.
- ACM-W Chapter Recognition: Highlighted for its diverse activity portfolio and contributions toward inclusivity and technical excellence.
- LFDT Student Chapter Launched: Newly established body focusing on decentralized technologies, blockchain, and modern trust-based systems.
- OWASP Student Chapter Re-Activated: Officially reinstated under the global OWASP Foundation, with a new chapter website being developed for global access.



AiMSA

Faculty Coordinators

AiMSA(AI & ML Students Association), GFG(GeeksforGeeks), IEEE CIS(Computational Intelligence Society), ISR(Institutional Social Responsibility) : **Prof. Pallavi Nikumbh**

AAAI (Association For the Advancement of Artificial Intelligence), INNS (International Neural Network Society): **Dr. Jyoti Kulkarni**
IEEE CS(Computer Society) : **Dr. Santwana Gudadhe**

Introduction

AiMSA at PCCOE, Pune, is a student-led CSE body that supports skill building through academic and extracurricular initiatives while coordinating departmental events. Similarly, GFG is an active community that promotes learning and innovation through seminars, hackathons, and coding competitions, helping students excel in the digital world.

Major events Organized

- Young Researcher's Conference conducted on 29th and 30th September 2025 by AAAI.
- Guest Lecture on “Bridging innovation and responsibility: AI & ML in the modern workplace” on 1st October 2025 by AAAI.
- AAAI arranged a workshop on “Building & Deploying Intelligent Business Solutions” on 6th October 2025.
- INNS Student Team organized Neurathon in two rounds on 21st Aug & 30th Aug 2025.
- IEEE CIS & IEEE CS Chapter Induction conducted on 5th August 2025.
- Guest session on “Motivation for Startup” by Mr. Avinash Jadhav on 29th August 2025.
- IEEE Computer Society SYP TECHXPUNE'25 Global Event held on 7th October 2025 at PCCOE Pune in celebration of IEEE Day.
- “Study Abroad Guidance Session” by Mr. Arun Silvester conducted on 31st July 2025.
- “GATE Awareness Session” by Mr. Sushant Kabra conducted on 20th August 2025.
- Session on “Placement and Higher Study Opportunities through GATE and Other Competitive Exams” by Mr. Paresh Gugale on 12th September 2025.
- One-Week Industry Training Program on “Robotics” conducted in association with Dolphin Embedded Systems Lab Pvt. Ltd., Pune.
- ISR Cell conducted a Campus Tour, Skill-Based Training Program on Robotics and Drama Activity on Drawbacks of Gaming & Cyber Crime for PCMC School students on 1st October 2025.



CRESA

Faculty In-Charge : Mr. Anand Birajdar

Introduction

Established in 2024, the Computer Regional Engineering Students Association (CRESA) under the Department of Computer Engineering provides a platform for students to enhance their knowledge, skills, and overall growth. It promotes active participation in academic and cultural activities while encouraging the use of the Marathi language, fostering a community that

Major Events Organized:

- Large Language Model Workshop(11th to 13th August 2025): Students focused on providing a comprehensive, hands-on understanding of Generative AI and LLMs, including training and deploying models using Hugging Face.
- CRESA Induction Programme(20th August 2025): Former CRESA team members were introduced to the new CRESA team for 2025–26, recognized the former team's contributions, and conducted an oath-taking ceremony.
- Abhijat Marathi Bhasha Divas(3rd October 2025): Students and the community celebrated Marathi as an Abhijaat language and showcased cultural heritage through Powadas, poetry, and dance.
- INNOVATE 2025- Young Researchers' Conference 2.0(10th October 2025): T.Y and B.Tech students were provided a platform to present research papers and innovative projects across three tracks (Visual Dynamics, Insight Intelligence & Open Innovation).
- PCCOE ACM SIGAI Induction Ceremony(14th October 2025): Students officially launched the first ACM SIGAI Student Chapter to foster innovation and research in Artificial Intelligence, including a logo launch and core team introduction.
- Vachan Prerna Divas(15th October 2025): Students and teachers organized to encourage students to develop an interest in reading, featuring an Abhivaachan Spardha (Reading & Recitation Competition).

Student Chapter Events (ACM SIGAI):

- Flash Mob for Student Chapter Induction: 13 October 2025
- PCCOE ACM SIGAI Induction Ceremony: 14 October 2025

ACM SIGAI (Established 2025) -

- Under the guidance of Mr. Ganesh Deshmukh, the ACM SIGAI student chapter in the Department of Computer Engineering works to advance knowledge and innovation in Artificial Intelligence. Its mission is to promote the growth and application of AI principles and techniques in computing.
- Major Events Organized-ACM SIGAI successfully hosted an International Webinar Series from October 13 to October 18, 2025, offering students a platform to explore cutting-edge AI topics and interact with experts from around the world.



ETSA , IEEE SPS

Faculty In-charge: Dr. Swati Patil, Dr. Ashwini Shinde, Dr. Varsha Harpale

ETSA, under the guidance of Dr. Swati Patil, organized several initiatives aimed at fostering technical and professional development. The major highlights include the ETSA Induction Program held in September 2025, which introduced new members to the association's objectives and promoted leadership, collaboration, and active engagement. The session featured expert talks on personal development and the Bell Curve concept. Additionally, the association celebrated Teachers' Day on 6th October 2025 to honor the dedication and contributions of faculty members.

The IEEE SPS Student Chapter, led by Dr. Ashwini Shinde and Dr. Varsha Harpale, conducted impactful technical programs and outreach initiatives. The chapter hosted an international-level online STTP on 'Advancing Autonomous Mobility through ADAS', benefiting over 120 participants including students, industry professionals, and international attendees. A one-week training program on Edge AI workflow design introduced participants to TensorFlow Lite and STM32-based applications in gesture recognition and audio processing. A Distinguished Industry Speaker Session by Dr. Akihiko Sugiyama enriched students' understanding of structured and effective technical writing.

The IEEE Eu-Reka initiative enabled students to mentor school children by demonstrating STEM concepts such as IoT and AI applications, encouraging interest in science and technology. The IEEE SPS Day 'Signal Xplore' competition recognized innovative presentations in signal processing. The IEEE Membership Drive held in September 2025 motivated students to join the global professional community.

Together, ETSA and IEEE SPS fostered a dynamic and enriching learning environment, enhancing student engagement, technical competency, and professional growth throughout the year.



ITSA

The Department of Information Technology actively nurtures technical excellence, leadership, and holistic development through its four vibrant student chapters: ITSA, IEEE Student Chapter, Microsoft Learn Student Chapter (MLSC), and Google Developer Group on Campus (GDGC). Under the guidance of faculty coordinators Mrs. Shradha A. Tawade, Mrs. Tanuja S. Patankar, Mrs. Sapana A. Kolambe, and Mrs. Radha T. Deoghare, the department organized 24 impactful events engaging thousands of learners across diverse domains.

The year began with strong technical training initiatives such as the AI/ML Workshop, AI Workshop, and Flutter Development Workshop, offering hands-on experience in Python, ML model building, and app development. Expert sessions in Cloud, DevOps & FinOps, AR/VR, and Unity-based VR development further strengthened industry-oriented learning. The Cloud & DevOps Workshop added deeper exposure to deployment pipelines and cloud tools.

Innovation and competitive spirit flourished through flagship events like Alphabyte 2.0, a national 48-hour hackathon attracting 620+ participants, and GDGC × IEEE CodeClash, a global coding competition conducted with SPIT Mumbai and Purdue University, engaging 800+ coders. Creative events such as MasterChef UI, Medieval Vice City, MineVision, and Abhidnya 2.0 encouraged students to explore UI/UX, AR/VR experiences, and multidisciplinary problem-solving. The InvEnt Pitch Competition promoted entrepreneurship, awarding an eco-fashion startup idea “Farming the Future.”

The chapters also focused on student empowerment through ITSA–MLSC Induction, GDGC Induction, and the IEEE Membership Drive. Career-oriented sessions like the GRE Readiness Session and Higher Education in AI guided students toward global opportunities.

Cultural and social initiatives, including Marathi Bhasha Divas, Akshardhara – Vachan Prerna Divas, Teacher’s Day, and a Tree Plantation Drive with 300 saplings, enriched the year. The launch of TechRoom 2.0 added a dedicated space for coding, IoT, and logic-building workshops. Together, these activities reflect the department’s commitment to fostering innovation, technical competence, and responsible citizenship among students.



MESA

Faculty In-Charge: Mrs. V. Y. Gaikhe

Mechanical Engineering Students Association (MESA) at Pimpri Chinchwad College of Engineering believes in the holistic development of the students to meet their professional & societal needs. It connects the student community to the world outside the classroom walls. It is a group of passionate students from the Mechanical Engineering Department. They are involved in planning, organising and executing various technical and non-technical activities in the students' interests, where efforts are made to groom the students.

The following activities were executed for the holistic development of students of the Mechanical Engineering Department and PCCoE during Year 2025 (August-October 2025):



DEPARTMENT PHOTOS



Department of Applied Sciences and Humanities



Department of CSE - Artificial Intelligence & Machine Learning



Department of Computer Engineering



Department of Computer Engineering (Regional)



Department of Civil Engineering



Department of Electronics & Telecommunication



Department of Information Technology



Department of Mechanical Engineering



Department of Multidisciplinary Studies



Master of Computer Applications Department



Department of Vocational Courses



Department of Administration



Training & Placement Cell



Central Library



Examination Cell

OUTGOING BATCH 2025-26



B Tech Computer Engineering - A Division



B Tech Computer Engineering - B Division



B Tech Computer Engineering - C Division



B Tech Computer Engineering - D Division



B Tech Computer Engineering (Regionals)



B Tech CSE-AIML



B Tech Civil Engineering



B Tech Mechanical Engineering - A Division



B Tech Mechanical Engineering - B Division



B Tech Mechanical Engineering - C Division



B Tech Information Technology - A Division



B Tech Information Technology - B Division



B Tech Electronics & Telecommunication - A Division

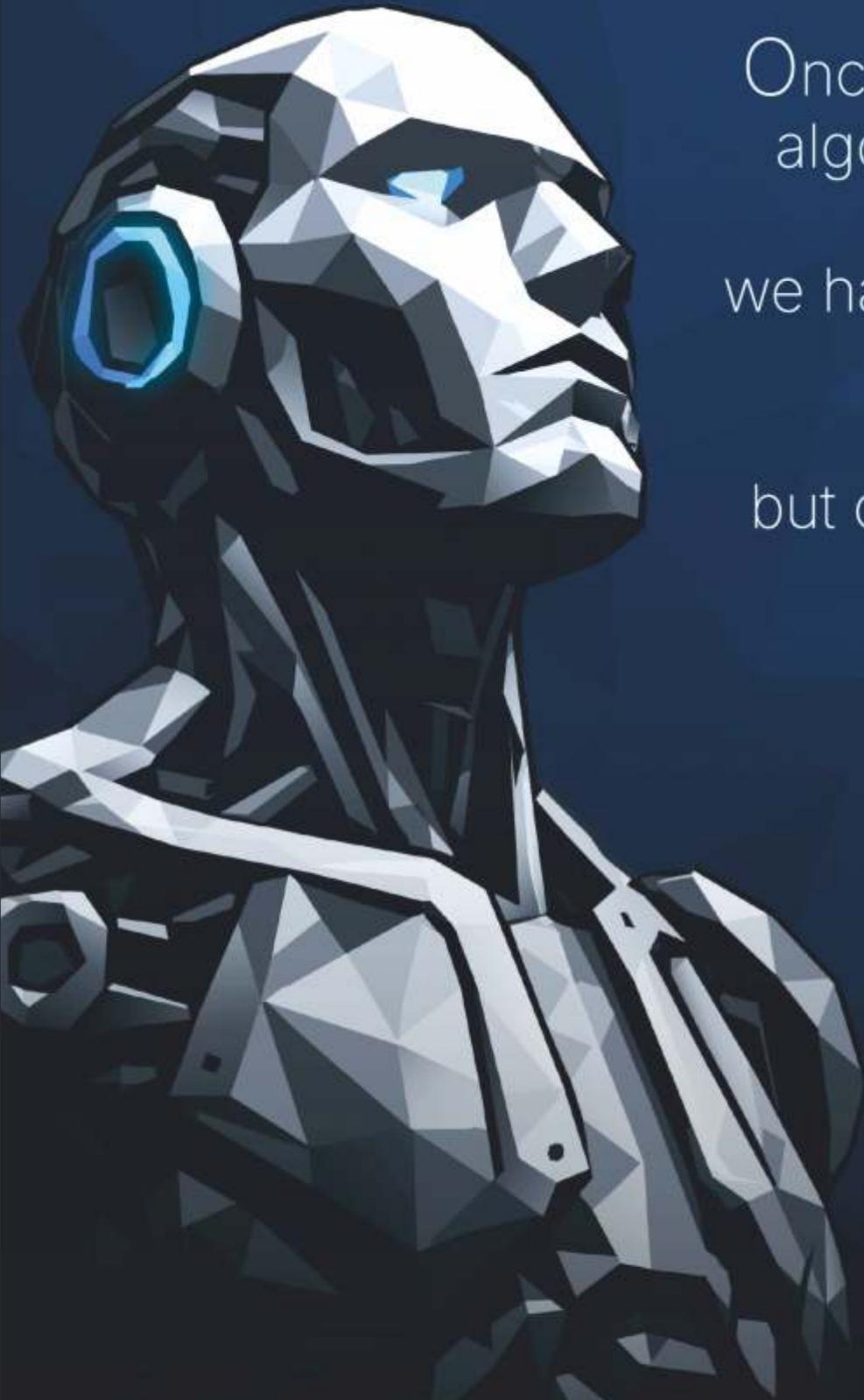


B Tech Electronics & Telecommunication - B Division



B Tech Electronics & Telecommunication - C Division





Once we start trusting
algorithms more than
our own feelings,
we hand over authority
not just over our
decisions,
but over our humanity

- Yuval Noah Harari



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(AN AUTONOMOUS INSTITUTE)
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