



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



UDAAN '25



CELEBRATING 25 YEARS OF EXCELLENCE

Annual Magazine 2024-25



Udaan 2025 represents a significant milestone, a celebration of PCCOE's 25 years of dedicated progress. It is both a proud testament to our achievements and a gentle reminder of the path we have travelled. We trust this magazine will instill a deep and heartfelt sense of pride in our readers



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 ३४ वर्षापूर्वी 'पिंपरी-चिंचवड एज्युकेशन ट्रस्टची' आपण स्थापना केलीत. ठिकठिकाणांहून आलेल्या सर्व पिंपरी चिंचवडकरांसाठी व्यावसायिक व उच्च शिक्षणाचा एक सुयोग्य पर्याय निर्माण झाला. आज पिंपरी चिंचवडची 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 ३४ 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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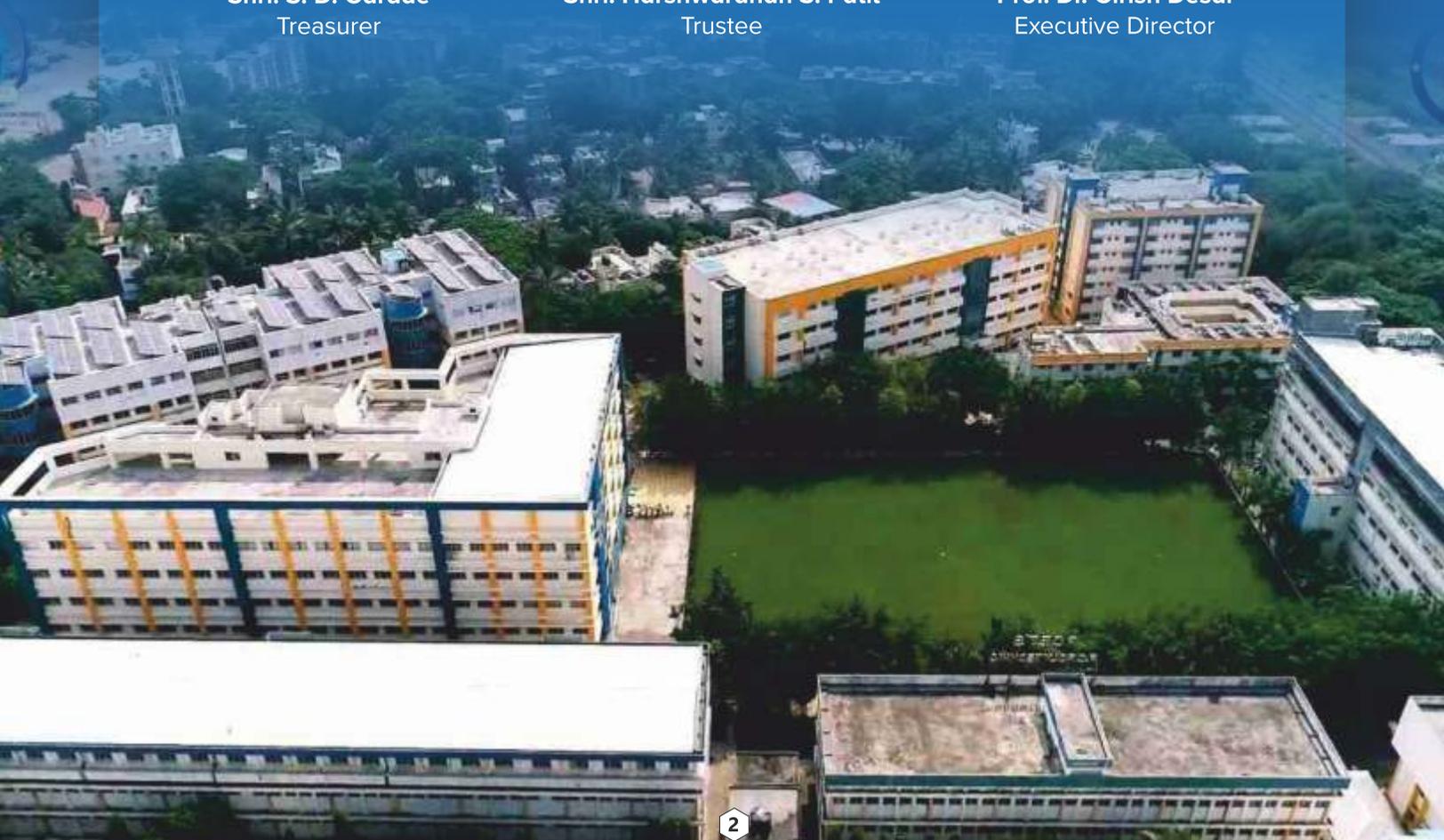
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*Chairman PCET
First Mayor PCMC, Ex MLA*

From the **Chairman's Desk**

PCET was established in 1990 with an idea of providing quality education from K.G. to P.G. Its sole mission was aimed at serving the society, industry and all stakeholders through value-inculcating, quality education in the area of schooling, as well as professional tutelage in the fields of engineering, management and computer applications. PCCoE is the flagship organization of PCET.

The mission of PCCoE is to provide quality skill and technical education to all and they have always strived to stay committed to it. Success is certain when there is a combination of definite goals, unyielding determination, hard work, discipline and willingness to work. I am happy that PCCoE is implementing various activities for holistic development of students, while helping them to stand competently in today's world.

PCCoE publishes its annual issue to tap the latent qualities of students. This issue contains the spontaneous and colorful emotions of youth. I congratulate the Director of PCCoE, the Editorial Committee of the Annual Issue, all the teaching and non-teaching staff as well as all the students who have put their whole heart into ensuring that this issue is a success.



Dr. Govind N. Kulkarni

*Director,
Pimpri Chinchwad College
of Engineering*

Message **Director's Desk**

Celebrating 25 Years of Excellence: A Legacy of Vision and Achievement It is with immense joy and pride that I present the release of our annual magazine, a celebration of the remarkable journey and collective accomplishments of our college. 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 recognized among the top 100 Engineering Institutes of India within the next five years. As we proudly monumentalize our 25th anniversary this year, PCCoE stands as a beacon of innovation and excellence.

This goal is not merely about rankings; it is a reflection of our steadfast commitment to providing exemplary Ethical, Sustainable, and Value-Added Quality Education. Over these 25 years, PCCoE has built a proud legacy as a leading body in engineering education, and for ISTE (Indian Society for Technical Education), it is one of the finest private engineering colleges. We foster students' potential even beyond the classroom and boast of having one of the best placement cells in Maharashtra. With over 1500 research papers and 200+ patents, our faculty and students continually push the boundaries of innovation and knowledge creation.

Quality education, to us, has always been about nurturing a legacy that transcends time—a legacy built on 25 years of unwavering dedication to excellence. This special edition of the magazine is not just a publication; it is a celebration of PCCoE's magnificent journey. Through its pages, we salute the milestones, achievements, and glorious moments that have shaped us into the famed institution we are today. Let us now, looking back on those years with pride, be inspired to carry forward the legacy of PCCoE towards an enthusiastic and committed future.

I extend my heartfelt gratitude to every member of our college family for their unwavering dedication and contributions. May this magazine serve as a beacon of inspiration and a testament to our shared commitment to excellence.



Dr Nilkanth Chopade

*Deputy Director &
Dean Administration*

Message **Deputy Director**

PCCoE has always been proactive in providing the best professional environment to engineering students, encompassing academics, industry-oriented training, sports, co-curricular and extracurricular activities, cultural events, and competitions. Through this Annual Magazine, we aim to encourage our students' artistic and creative pursuits. Thus, the annual magazine showcases a vibrant collection of artwork, creative writing, photography, and reports, thereby reflecting the incredible talent and creativity of our students and faculty members.

This year's theme, 'Udaan: PCCOE's 25-Year Legacy', celebrates the soaring journey of PCCoE over the past 25 years—a 'flight' worth celebrating for its innovations, growth, and innumerable achievements. This special edition is more than a magazine; it is a tribute to the vision, dedication, and collective efforts that have built the legacy of PCCoE.

As you flip through the pages of this magazine, may your heart be filled with pride and moved with joy at the sight of just what we have achieved and where we have reached thus far. I am thrilled to witness this year's edition come to life, grateful for all those who have contributed to this remarkable journey over the years.

My heartfelt congratulations to the faculty members and students for their relentless efforts, creativity, and vision in bringing this Magazine into reality. May this edition continue to inspire our community and stand as a lasting reminder of the legacy we so proudly uphold.



Dr. Padmakar A. Deshmukh

*Dean,
Student Development and Welfare*

Message

Dean

Student Development and Welfare

Dear Esteemed Readers,

It is both an honor and a privilege as we come together to celebrate the release of our Institute's annual magazine UDAAN 2025. This occasion is more than just the unveiling of a publication; it is a moment of reflection, recognition, and inspiration.

The UDAAN 2025 serves as a powerful testament to the vibrancy of our institute community, capturing the essence of our academic, cultural, and social endeavors throughout the year. It is a platform where the creativity, hard work, and diverse talents of our students, faculty, and staff come together in a beautiful display of collaboration to celebrate not only the words and images that fill its pages but the stories behind them.

This magazine is a reflection of the diverse experiences and voices that define who we are as a community. It represents the passion of our students to create, express, and share ideas. From thought-provoking articles to stunning artwork, from in-depth features on student organizations to the shining success stories of our collegiate clubs, this magazine encapsulates the spirit of who we are and what we strive to be.

The journey that brings us to this point of releasing UDAAN 2025 is no small feat. It requires dedication, teamwork, and resilience. The editorial team, contributors, designers, and everyone involved in putting this magazine together have shown an exceptional level of commitment and passion. I want to extend my heartfelt congratulations to all of you for your efforts and for bringing this magazine to life.

Thank you, and may the spirit of this magazine inspire us all to reach new heights.

INDEX

Sr. No	Title	Page No.
1	Editorial Message	9
2	Dean's Message	10
3	A Pictorial view of PCCOE's 25-year journey	16
4	Marathi Vibhag	18
5	An Interview with PCCOE's notable alumnus, Dr. Ajay Bhujbal	28
6	English Section	31
7	Motivating Messages from PCCOES's Alumni	51
8	Reflections from our Senior Faculty	55
9	Artwork Corner	57
10	Hindi Vibhag	66
11	Department Reports	72
12	Training & Placement Cell Report	93
13	Sports Report	94
14	NSS Report	96
15	Club Reports	97
16	Student Chapters	105
17	Department Photographs	113
18	Photographs of Outgoing Batch 2024-25	117

Magazine Team



Magazine Faculty Coordinators : Ms. Vithika Sidhabhatti, Mr. Sachin Shinde, Ms. Rebecca George



Student Team:

1st line - Sarthak Sudhir Bagde, Rasika Wakte, Shreya Khadse, Ahana Mukhopadhyay, Krupa Rao, Ishaan Toraskar
2nd line - Aaryan Deshpande, Mukul More, Atharva Thakur, Abhinandan Ashtekar, Bhagyesh Mali

EDITORIAL

MESSAGE

Udaan 2025 is not just another annual magazine. It is a proud testament as well as a humble reminder of the 25-year long journey of PCCOE's success. We, as the Annual Magazine Team, have been honoured to put together this edition that we are sure will serve to instill a sense of pride in every one who reads it, just as it has done for us.

Compiling the data for this magazine has proven to be both a gratifying and challenging undertaking. The breadth and depth of PCCOE's accomplishments presented a significant hurdle in selecting content within the magazine's space limitations. The toughest duty of a magazine editor is deciding what content stays. We sincerely regret that we could not feature every achievement, award and recognition earned by our esteemed faculty, departments, clubs and student chapters. We have strived to present a comprehensive overview within these pages.

As you read this magazine, you will see tributes to our 25-year journey in the form of alumni messages, interviews of senior faculty, artwork and creative write-ups of our students and much more. Our feature article, a pictorial representation of PCCOE's history and achievements, has been lovingly compiled and designed with the help of our very own Deputy Director, Dr. Nilkanth Chopade and HOD-Civil Department, Dr. Ajay Gaikwad. The institution's history, presented pictorially, now offers an effective means of preserving and communicating our heritage.

We are sincerely grateful to the many hands that have helped in the publication of this magazine. May Udaan '25 be a legacy for the past generation and a testament for the many generations to come. We pray that our esteemed institution continues to grow, inspire and nurture, extending far beyond its silver, golden, and centennial jubilee celebrations.

Sincerely

Ms. Rebecca George

(On behalf of the Annual Magazine Team)

DEANS' MESSAGE



DR. K. RAJESWARI
Dean Academics

It gives me immense pleasure to pen my thoughts for Udaan 2025

Our goal is to establish Academic Excellence by embracing flexibility, innovation, and inclusivity in higher education. Keeping this in mind, we are striving to create a robust academic ecosystem characterized by Flexible Curriculum, 360-Degree Assessment, Enhanced Industry Collaboration and Personalized Learning

In alignment with the National Education Policy (NEP) 2020, we have incorporated Multiple Exit Options, Multi-Disciplinary Minors with Holistic Development, ensuring our students are not just academically proficient but also well-rounded individuals ready to take on global challenges.

With the support of our dynamic faculty, motivated students, and forward-thinking leadership, I am confident that PCCOE will continue to excel in shaping the leaders of tomorrow.

It fills me with immense pride to witness PCCOE's remarkable journey over the past 25 years. Having been a part of this incredible institution for over 18 years, I have seen it rise day by day to become a renowned name in the Maharashtra region. This milestone reflects the unwavering dedication of our students, faculty, and staff, who have upheld the values of excellence and innovation.

As we celebrate this Silver Jubilee, Udaan 2025 serves as a reminder of how far we have come and the boundless possibilities that lie ahead. I sincerely wish for PCCOE to achieve even greater heights and gain recognition not only at the national level but also internationally.

May this magazine inspire everyone to soar higher and continue shaping a brighter future.



DR. SWATI V. SHINDE
Dean Management
Information Systems

As I celebrate 13 years of being part of this incredible institution, I've witnessed the evolution of our academic and research culture, shaping student's profiles and redefining how we approach engineering education. The shift towards student-centric pedagogy, active learning methodologies, and outcome-based education has strengthened our academic foundation. One of the inspiring aspects of my journey at PCCOE has been its ever-growing commitment to research and innovation. Strategic and sustained efforts are put in place to transform the traditional teaching-centric institution into a research-driven one. Research policy is established that encourages faculty and students to engage in research, including research ethics guidelines for research funding, collaborations, and intellectual property rights. Emphasis is given to engaging its faculty members and students in research across domains, exploring innovations in engineering and technology through IPR. Collaborations with industries have assisted in establishing an ideal platform for interdisciplinary collaboration that facilitates real-world problem-solving, making research more application-oriented. Witnessing students work on innovative solutions, file patents, and contribute to technological advancements inspire me with passion. As I look to the future, I'm excited to continue contributing to PCCOE's vision of excellence, adding value to its academic and research ecosystem.



DR. N.R. DEORE
Dean Research and
Development



DR. RAJANI P. K.
Dean Innovation, Incubation,
Entrepreneurship and
Skill Development

As Dean Innovation, Incubation, Entrepreneurship, and Skill Development (IIESD), it is my both pleasure and honour to join the entire PCCOE family in this historic celebration of the institution's silver jubilee. This Silver Jubilee is our conviction to promote innovation and excellence in the future as well. Being part of the Institution's Innovation Council (IIC), PCCOE has been a leading example of innovation. PCCOE also encouraging the spirit of entrepreneurship and hosting several innovative ideas. Efforts such as the innovations' challenge, startups Assistance, and student mentoring has enabled our community to compete nationwide. Udaan 2025 represents not only the results achieved so far, but also the plans for the future. Let us continue to inspire and innovate together, reaching new heights in the years ahead.

At PCCOE, we recognize that the continuous growth and well-being of our faculty and supporting staff members are essential to fostering an enriching educational environment. Our commitment to faculty development and welfare is founded on the principles of holistic growth, addressing intellectual, professional, emotional, and social needs to ensure our educators can excel and thrive in their roles. The Office of Faculty Development and Welfare has a representation from each Department and Section and is dedicated to providing programs and opportunities in the form of Pedagogical Training and Workshops, Leadership and Management Development, Wellness and Work-Life Balance Programs, as well as Professional Networking and Collaboration Opportunities. Dear faculty, your success is our priority. We are here to support and guide you in your journey of professional and personal growth.



DR. S.U. BHANDARI
Dean Faculty Development
and Welfare (FDW)



DR. ROSHANI RAUT
Dean International Relations

The Office of International Relations (IR) plays a pivotal role in advancing global engagement and fostering meaningful connections with the international community through the establishment of Global Partnerships. Our primary objective is to cultivate and reinforce alliances with international institutions and organizations, paving the way for academic collaboration, research endeavors, student and faculty exchange programs, and joint initiatives aimed at fostering mutual growth and knowledge exchange. Furthermore, we actively facilitate student mobility programs, promoting international internships, summer schools, and student-exchange initiatives through formal agreements with partner institutions. We firmly believe that exposure to diverse educational environments enriches both personal and professional development, empowering students to thrive in an interconnected world.

The Quality Assurance (QA) cell at Pimpri Chinchwad College of Engineering (PCCOE) was established in 2019 to drive continuous improvement in the institution's performance. QA plays a vital role in NBA and NAAC accreditation, ISO Certification, and ranking efforts. With the Internal Quality Assurance Cell (IQAC) as its core, QA ensures effective execution of academic, administrative, and financial tasks, compliance with accreditation standards, and fosters quality circles. It organizes workshops, prepares the Annual Quality Assurance Report (AQAR), and promotes continual growth through evaluation, ranking, and quality enhancements. I am proud to contribute to delivering value-added education at PCCOE.



DR. VARSHA HARPALE
Dean Quality
Assurance (QA)



DR. SHITALKUMAR RAWANDALE
Dean Industry Institute
Interaction

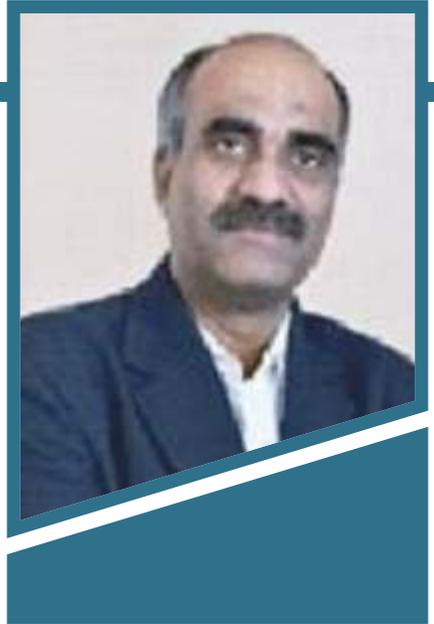
It's been a proud moment for us that our institute has completed 25 years. This milestone is the collective effort of our students, faculty, staff, and alumni who have been the driving force behind our institution's growth and success.

In these 25 years, we could provide Job Offers starting from 2 Job Offers in a year to 2,000 Job Offers in a year. The highest salary has also gone from 3 Lacs per annum to 61 Lacs per annum.

Apart from our students, we could help Unemployed youth from across the country. 13 Lac students registered till date in our Off Campus / Pool Campus Recruitment drives. We have provided 33,000 Job Offers to the student community till date.

Dear Students,

The Library and Learning Resource Development team is dedicated to empowering your success. Our state-of-the-art resources include specialized engineering databases, technical journals, e-books, and collaborative study spaces. Whether you're tackling complex projects or exploring groundbreaking research, we are here to support your endeavors. Our extensive collection of technical journals, e-resources, and engineering databases is designed to fuel your creativity and innovation. Take advantage of our workshops, expert guidance, and tools to sharpen your skills and enhance your learning experience. Remember, your curiosity and dedication are key to innovation. Don't hesitate to reach out for guidance or resources. Together, let's build the foundation for a bright future.



Dr. MAHESH T. KOLTE
Dean Library and Learning
Resource Development





PCCOE'S



25
Years

Journey



Major Milestones of Establishment

1999-2000:

PCCOE established by Pimpri Chinchwad Education Trust with Mechanical, Chemical, and Industrial Electronics Engineering programs (60 seats each).



2002-03:

Due to land issues, intake reduced to 180.



2001-02:

Chemical Engineering replaced with Computer Science, Industrial Engineering changed to Electronics & Telecommunication, and Information Technology added. Total intake increased to 240.



2006-07:

Conditions met; intake increased to 180, then 240 (60 per program).

Accreditation

2013-16:

NBA accreditation for Mechanical, Computer, IT, and E&TC.



2021:

Ranked in 251-300 range in NIRF.

2017:

NAAC accreditation with 'A' grade (3.20 score); NBA reaccreditation for UG programs (extended until June 2020).



PCCOE'S 25-year Journey and Initial Growth

2008-09:

Master of Computer Application (MCA) program added (60 seats); total intake increased to 420.



2012-13:

Civil Engineering (60 seats) and multiple PG programs added; total intake increased to 852.



2007-08:

Computer Science and Mechanical Engineering intake increased to 120 each; total intake reached 360.



and Recognition

2023-24:

Achieved multiple rankings in national-level surveys.



2022:

MTech IT renamed as MTech (AI&DS) successfully.



2023-24:

New B.Voc Programmes added. (Construction & project mgmt., Logistic mgmt.)



मराठी विभाग



Abhinandan Ashtekar, Bhagyesh Mali

रेशमीबंध

माणसाच्या जन्मापासून ते मृत्यूपर्यंत तो अनेक नातेसंबंधात अडकत जातो. जन्मापासून प्राप्त झालेल्या नात्यांपासून ते आयुष्यभर कमावलेल्या नात्यांपर्यंत अनेक नाती आपल्या जीवनाला परिपूर्ण बनवतात. परंतु, नातेसंबंध बनवणे व ते टिकवणे यात लागत असणाऱ्या कष्टांमध्ये फार तफावत आहे. नातेसंबंध बनवण्यासाठी आपल्या व सभोरच्याच्या मतांमधील एकात्मता, आपल्या मनातील सभोरच्याबद्दलची आत्मीयता आवश्यक असते तर दुसरीकडे हे नाते टिकवण्यासाठी लागत असतो एक अतुट विश्वास!! अपेक्षांच्या पलीकडे जाऊन आपल्या नात्यांमधील ताकद ओळखून घेतली तर नाती आयुष्यभर टिकतात.

एका गावात एक शिंपी जोडपे राहत होते. शिंपी दिवसरात्र कपडे विणून, शिवून आपला जिवननिर्वाह करीत असत. शिंपी त्याच्या पत्नीवर खूप प्रेम करायचा आणि त्यामुळेच तो परिवाराच्या आनंदासाठी जीव ओतून कष्टकरायचा. एके दिवशी त्याच्या पत्नीने त्याच्याकडे एका रेशमी साडीची इच्छा ठेवली. शिंप्याने त्या दिवशी त्याच्या पत्नीला वचन दिले की तिच्या येत्या वाढदिवसाला तो तिला रेशमी साडी भेट करणार, हे ठरवून तो रोजच्या कामातून थोडा वेळ काढून रेशमी कापड विणायचा. त्याची पत्नीही त्याचं प्रेम बघून खुश होती. शिंपी रोज तो कापड विणत असत. पत्नीच्या वाढदिवसाच्या दिवशी त्याने ती साडी विणून पूर्ण केली. संध्याकाळच्या वेळेस देवाला द्वापदान करावं यासाठी तो रेशमी साडी बाजूला ठेऊन दिवा लावत असतो पण हे करित असताना दिव्याच्या वातीचा स्पर्श साडीला होतो. शिंप्याच्या हे लक्षात न आल्याने थोड्या वेळेत तो रेशमी कापड जळून राख होतो. शिंपी जेव्हा हे येऊन बघतो तेव्हा त्याला अत्यंत दुःख होतं. इतक्या दिवसांपासून मन लावून व डोळ्यात तेल ओतून विणत असलेला कापड, त्याचे कष्ट जळून राख झालेले बघून त्याचा कंठ दाटून येतो. ज्या धाग्यांना त्याने इतके दिवस विणले त्या धाग्यांना थोड्या आगीच्या स्पर्शामुळे जळायला काहीच क्षण लागले.

नात्यांचही असच आहे, ज्या नात्यांना आपण इतकी वर्षं मन लावून तळहातावरील फोडाप्रमाणे जपतो त्या नात्यांना एका छोट्या गैरसमजूतीने किंवा चुकीमुळे दूर जायला जास्त वेळ लागत नाही. स्वोट्या अपेक्षा, गैरसमज व वाढलेला दुःखाचा आपल्या नात्यांना रेशमीबंधांना आतून जाळत असतात. या सगळ्यांना दूर ठेऊन फक्त सभोरच्यावर अतुट विश्वास व प्रेम केले तर हेच नात्यांचे रेशमीबंध आयुष्यभर टिकून राहतात.

Bhagyesh Mali
SY Information Technology

अस्तित्वाचा

प्रश्न!

देवा, खाली डोकावून बघ जरा
तुला काहीच कसं दिसत नाही ?
एवढं सगळं होतंय तरी,
तुझ्या डोळ्यात नाहीच का खुपत काही ?

खुपत कशी नाही रे तुला
बाईची इज्जत वाचवण्यासाठीची फरफट ?
शिकताना, काम करताना तर आहेच
पण कधी कधी स्वतःच्या घरातच होणारी घुसमट.

कितीही गुढमरला जीव
तरी यावर बोलू शकतो का आम्ही काही ?
कारण बोललो की रेप होतो आमचा,
आणि उघाचा सूर्य आम्हाला दिसतच नाही.

कौरवांच्या विळख्यात द्रौपदीने किती वेळ स्वतःला
सावरायचं
आणि कलियुगात कृष्ण येत नाही 'रक्षेला' म्हणून
अजून किती काळ 'बंधनात' राहायचं ?
आता तूच सांग मला,
आम्ही असच मरत मरत जगायचं ?

असेल काही उत्तर,
तर ये बाबा खाली,
कारण तू आल्याशिवाय,
माझ्या अस्तित्वाचा प्रश्न काही सुटायचा नाही!!

Anushka Kiran Bhoite
SY Mechanical

संवाद

अनोळखी व्यक्ती ते रक्तापेक्षाही जवळचे हा प्रवास संवादाच्या माध्यमातून शुरु होतो. जी नजर पहिले चुकवू पाहत होती, तीच नजर गर्दीत जाता त्या व्यक्तीला शोधत आहे. संवाद साधणं ही एक कला आहे ज्याने माणसं कमवता येतात. आयुष्यात लोकांची रशद फार महत्वाची अशते जी संकटशमयी खंबीरपणे साथ देते. प्रत्येक नात्यातील आपलेपण जपण्यासाठी, गोडवा निर्माण करण्यासाठी संवाद गरजेचा आहे. शर्वात उत्तम नातं म्हणजे ... काल झालेली टोकाची भांडणं आणि वाद यामुळे आजचा संवाद न थांबणं. दोन प्रोत्साहनाचे शब्द शून्यातून भरी घेण्यासाठी पुरेसे आहेत. नैराश्यात आघाशाचे बोल मानसिकदृष्ट्या बळकट करतात. एक कप चहा आणि मित्रांशीबत मन हलके करणं याहून उपयुक्त शोध सापडणार नाही जे एकटेपणावर मात करेल. बोलता बोलता कधी माणसांची श्रोढ लागेल ते कळेपर्यंत एक घट्टनातं जन्मास येतं. संवादने अनेक अडचणी मार्गी लागू शकतात. संवाद फक्त बोलल्याने होतो असे नाही, काही वेळा तो नजरेतून शुद्धा साधता येतो. माध्यम अनेक अशतील पण हेतू एकच- शमोरच्याचे भावना शमजून घेणे.

परंतु अबोला फार घातक आहे त्याने नात्यांची दोर शैल होते आणि एक दिवस इतिहासजमा! माणसं निघून जातात पण त्यांची आठवण मागे राहते जे नष्ट करता येत नाही. वादविवाद, भांडणं, गैरशमज चालत राहणार किंतु शमंजशपणे संवाद साधल्याने जखमेवर मलमपट्टी करता येते. संवाद शर्वकाही करू शकतं: दुशावलेल्यांना जवळ खेचते, गैरशमजेच्या काळ्याभोर ढगातून मुक्त करते आणि नात्यांना अजून शुद्ध करते.

*Abhinandan Ashtekar
TY Information Technology*



नवा दिवस नवी आशा

नवा दिवस, नवी आशा
कशाला पाहायचं मग मागे वळून निराशा?
नव्या इच्छा, नवे विचार,
पहायचं, थोडं स्वतःमध्ये करू शकतो का सुधार?
नव्या ध्येयांसाठी, नवा संघर्ष,
विचारून पहा थोडं अंतरात्म्याला प्रश्न.
नव्या शंका, नव्या सवयी,
यातूनच होईल जरा, काळाशी मैत्री.
नवी संकटं आणि नवी हिंमत,
तेव्हाच समजेल यश गवसण्याची किंमत.
नवी जिद्द, नवी भरारी,
गरुडझेपेसाठी होईल एक वेगळीच सफारी.
नवं नवं म्हणत जुन्यालाही नवं करता येतं,
विश्वास असेल तर आपोआप पुढे पाऊल पडतं.
म्हणूनच...
नवा दिवस, नवी आशा,
सोडून द्या पाठी र्साया निराशा.

एकांत



कधी तरी थोडा एकांत अनुभवून बघ..
एकांतातल्या शांततेला हिणवून बघ..
स्वतःशीच स्वतः जरा हितगुज करून बघ..
मोकळ्या आकाशातल्या भिन्नपणाला निरखून बघ..
रात्री तायांसोबत जरा संवाद साधून बघ..
पुस्तकातल्या अक्षरांसोबत जरा रवेक रवेकून बघ..
गर्दीच्या गोंगाटात जरा शांतता शोधून बघ..
स्वतःसाठी जरा आज एकांतात बसून बघ..
हरवलेल्या स्वतःशी जरा लपंडाव रवेकून बघ..
कधी तरी थोडा.....
थोडा एकांत अनुभवून बघ..!

Saniya Baburao Khade
SY (E&TC)

शब्द ही झाले मुके



का तिच्या त्या प्रेमाच्या
वायामध्ये अडकलो होतो.
आठवणींचा वारा मनात
गुदगुल्या करत होता.
तूच ती भेटली मला
तुझ्याविना हरवलो या जगात मी
नको जाऊ लांब अशी त्या
काकोरव्या गडद अंधारात

अंतर वाढत आहे मनामध्ये,
तुझ्या चंद्राच्या तेजात हरवलो आहे
तुझ्या डोळ्यांच्या आठवणीत
शब्द ही भिजले आहेत
शब्द ही झाले मुके
डोळे मिटता झोप येईना
भास होतो तुझ्या अस्ण्याचा,
मनातील शब्द काही बसू देईना
पण मी त्या मंद प्रकाशात लिहीत होतो काही तरी
त्या मंद प्रकाशात लिहीत होतो मी काही तरी...

Vishveshwar Jadhav
E&TC

अवकाश पर्यटन

आजच्या विज्ञान आणि तंत्रज्ञानाच्या वेगवान प्रगतीमुळे माणसाच्या स्वप्नांना नवे पंख मिळाले आहेत. यातील एक महत्वाचे स्वप्न म्हणजे अवकाश पर्यटन. पृथ्वीच्या पलीकडे जाण्याची कल्पना आता केवळ विज्ञानकथांपुरती मर्यादित राहिलेली नाही. अंतराळ पर्यटनाचे ही कल्पना प्रत्यक्षात उतरवण्याची सुरुवात केली आहे. परंतु हा उद्योग फक्त श्रीमंतांचे मनोरंजन बनून राहण्याचे की सामान्य माणसासाठीही हे स्वप्न साकार होईल ?

अवकाश पर्यटन म्हणजे नेमके काय ?

संपूर्ण जगाला नवनव्या उंचीवर घेऊन जाणारे एक नाविन्यपूर्ण क्षेत्र म्हणजे अवकाश पर्यटन. अवकाश पर्यटन म्हणजे अशा व्यावसायिक सेवा ज्या सामान्य नागरिकांना अंतराळात जाण्याची संधी देतात. यामध्ये विविध प्रकारच्या अनुभवांचा समावेश आहे:

पृथ्वीच्या कक्षेत फेरी मारणे.

आंतरराष्ट्रीय अंतराळ स्थानकाला (खूपी-शीपरी-लेपरश्र डरिलेश डी-सी-लेप - खडड) भेट देणे.

गुरुत्वाकर्षण नसलेल्या शून्य वातावरणाचा अनुभव घेणे.

आतापर्यंत, स्पेसटुरस, ब्लू ओसिजिन, आणि व्हर्जिन गॅलेक्टिक या मोठ्या कंपन्यांनी यशस्वी अंतराळ पर्यटन मोहिमा राबवल्या आहेत. या कंपन्यांच्या यशस्वी चाचण्यांनी या क्षेत्रातील शक्यता दाखवून दिल्या आहेत.

अवकाश पर्यटन म्हणजे नेमके काय ?

१. शास्त्रीय प्रगतीला चालना

अवकाश पर्यटन केवळ मनोरंजनासाठी नाही, तर ते विज्ञान आणि तंत्रज्ञानाच्या प्रगतीसाठीही महत्वाचे आहे. नवीन यंत्रणा, रोबोटिक्स, आणि अंतराळ संशोधन तंत्रज्ञान विकसित करून आपण अवकाशातील संशोधन अधिक पुरवठ्याचे आणि सुलभ बनवू शकतो.

२. आर्थिक संधी

अंतराळ पर्यटन हा एक नवीन उद्योग आहे, ज्यामुळे अनेक व्यवसाय आणि नोकऱ्यांच्या संधी निर्माण होऊ शकतात. पर्यटन क्षेत्राबरोबरच, अवकाश प्रवासासाठी लागणारे उपकरणे, वाहने, आणि तांत्रिक सेवांच्या मागणीमुळे औद्योगिक विकासालाही गती मिळू शकते.

३. सांस्कृतिक बदल आणि प्रेरणा

अंतराळात जाणाऱ्या लोकांना 'ओव्हरव्ह्यू इफेक्ट' हा अनुभव येतो. अंतराळातून पृथ्वीचे सौंदर्य पाहिल्यानंतर पर्यावरण वाचवण्याची आणि जगातील शांतता टिकवण्याची जाणीव होते. त्यामुळे अवकाश पर्यटन समाजात सकाशात्मक बदल घडवू शकते.

४. तंत्रज्ञानाचा उपयोग इतर क्षेत्रात

अवकाश प्रवासासाठी तयार केलेल्या तंत्रज्ञानाचा उपयोग दैनंदिन जीवनातील विविध समस्यांचे निराकरण करण्यासाठी केला जाऊ शकतो, जसे की हवामान निरीक्षण, जलस्रोत व्यवस्थापन, आणि दळणवळण सुधारणा. अवकाश पर्यटनातून विकसित होणाऱ्या तंत्रज्ञानाचा उपयोग उपग्रह तंत्रज्ञानासाठी होऊ शकतो, ज्यामुळे पृथ्वीवरील नेटवर्क सुधारणा, आपत्ती व्यवस्थापन, आणि सखोल डेटा विश्लेषण शक्य होते.

अवकाश पर्यटनातील आव्हाने

तंत्रज्ञानाच्या प्रगतीने अनेक शक्यता निर्माण केल्या आहेत, पण अवकाश पर्यटन क्षेत्राला काही गंभीर आव्हानांचा सामना करावा लागतो.

१. खर्च आणि उपलब्धता: सध्याच्या काळात अवकाश प्रवासाचा खर्च कोट्यवधी रुपयांमध्ये आहे. त्यामुळे तो फक्त श्रीमंत व्यक्तींसाठीच सध्या उपलब्ध आहे. खर्च कमी करण्यासाठी संशोधन आणि नवीन तंत्रज्ञानाची आवश्यकता आहे.
२. सुरक्षेची चिंता: अंतराळ प्रवासामध्ये अपघाताचा धोका मोठा आहे. शॅकेट प्रक्षेपणांमध्ये होणाऱ्या अयशस्वी चाचण्या आणि तांत्रिक त्रुटींमुळे प्रवाशांचे प्राण धोक्यात येऊ शकतात. त्यामुळे, प्रगत आणि सुरक्षित प्रवासाच्या दृष्टीने अधिक संशोधन करावे लागेल.
३. पर्यावरणीय प्रभाव: शॅकेट प्रक्षेपणांमुळे मोठ्या प्रमाणावर वायू प्रदूषण होते आणि पृथ्वीच्या वातावरणावर त्याचा नकारात्मक परिणाम होतो. त्यामुळे पर्यावरणपूरक इंधनाचा शोध घेणे ही काळाची गरज आहे.
४. कायदेशीर आणि नैतिक अडचणी: अंतराळ पर्यटनाच्या क्षेत्रातील कायदे आणि नियम अजूनपर्यंत स्पष्ट नाहीत. अंतराळातील खाजगी मालकी हक्क, जबाबदारीचे प्रश्न, आणि सुरक्षिततेसंबंधी आंतरराष्ट्रीय सहकार्य यावर अजून काम करायचे आहे.

भविष्यातील दिशा

आजपर्यंत फक्त निवडक लोकांनीच अंतराळ पर्यटनाचा अनुभव घेतला आहे. परंतु तंत्रज्ञानातील प्रगतीमुळे भविष्यात हा अनुभव सामान्य नागरिकांसाठीही शक्य होईल. स्पेसएक्स मंगळावर मानवी वसाहत निर्माण करण्याच्या दिशेने काम करत आहे, तर ब्लू ओरिजिन पृथ्वीच्या कक्षेत आरामदायी प्रवासाचा प्रयत्न करत आहे. यामुळे स्पर्धा वाढून संशोधनाला गती मिळत आहे.

अवकाश पर्यटनाचे भविष्य: स्वप्न की वास्तव ?

सध्या अवकाश पर्यटन श्रीमंतांचे स्वप्न वाटत असले तरी, जसजसे तंत्रज्ञान प्रगत होईल, तसतसे हे स्वप्न सर्वसामान्य माणसांच्या आवाक्यात येऊ शकेल. यासाठी आंतरराष्ट्रीय सहकार्य, संशोधन, आणि पर्यावरणपूरक उपाय यांची गरज आहे.

Ishan Toraskar
SY IT



ती कुठे काय करते...

आयुष्याच्या प्रत्येक वाटेवर गरज तिची भासते ,
तरीही आपण म्हणतो ती कुठे काय करते..
कधी आई बनून मायेची मूर्ती ती बनते
तर कधी ताई बनून हक्काची साथ देते
कधी आजीच्या गोष्टी बनून सुंदर आठवण बनते
तर कधी मावशी बनून लाड आपले पुरवते
मुलगी बनुनी आयुष्याला वृंदावन ती बनवते
सोबत घेऊनी दोन घरांना सौभाग्याचे प्रतिक बनते ..
कधी पत्नी तर कधी मैत्रीण असते मात्र तिचीच माया,
कणरवर, रवंबीर साथ तिची ही, ऊन असो वा असुदे छाया

..

कधी चंद्राच्या कला बनुनी शृंगार ती करते
तर कधी सूर्याच्या तेजाप्रमाने आकाशी तळपते ,
कधी नदीच्या प्रवाहासारखे निरवक हास्य पसरवते
तर कधी सोसुनी अपार पिडा दुःख मात्र लपवते ..
ती शक्ती आहे, ती सामर्थ्य आहे ,
ती प्रेम आहे, ती समर्पण आहे,
ती अपार वेदनेतील सांत्वन आहे,
ती आनंद क्षणातील आठवण आहे ,
ती साथ साती जन्माची, तीच विश्वाची प्रकृती आहे..

Bhagyesh Mali
SY IT

जेव्हा पाहिलं तुला पहिल्यांदा

जेव्हा पाहिलं तुला पहिल्यांदा
वाटलं तू आहेस फक्त माझाच
सुंदर चेहरा, स्वच्छ मन
म्हणूनच गुंतले तुझ्यात मन
जेव्हा तू येईस मोर
हृदयातील शब्द लागे गाऊ
बोलतानाही तुझ्याशी
नेहमी तुझाच चेहरा पाहू
तू जवळ असताना फक्त
तुझ्यातच राहू
जीवनातील सर्व स्वप्न
तुझ्याच सोबत पाहू
नेहमी मला वाटे
तू माझाच असणार
पण नव्हतं माहीत
नियती असा रवेक रचणार
नेहमी असतो मनात
रोज येतो स्वप्नात
पाहिली तुझी रूप वाट
पण आहेस तू रूप लांब
एक आशा आहे
तू येशील माझ्यापाशी
कधीतरी तुलाही येईल



Art Work By
Parth Bali
FY. Com.

Samira Savale
TY Civil

An Interview with PCCOE's notable alumnus, Dr. Ajay Bhujbal



Mr. Ajay Bhujbal, an esteemed alumnus of the Mechanical Engineering department at PCCoE, graduated in the batch of 2018. He has recently achieved remarkable recognition by securing the position of Scientist SC at ISRO in the Research and Development department, attaining an impressive All India Rank of 2 in this highly competitive examination for Group A gazetted posts. His dedication and hard work have not only brought him personal success but also serve as an inspiration to current and future students aspiring to excel in the field of engineering and technology. Shared is the interview conducted by the student committee members.



Ahana: Could you share a brief overview of your academic and professional background?



Mr. Ajay: I completed my schooling at Modern High School, Pune. Post that, I pursued my diploma in Mechanical Engineering from Government Polytechnic, Pune. I went on to pursue my Bachelor of Engineering in Mechanical Engineering from Pimpri Chinchwad College of Engineering (PCCOE).

After graduation, I began my professional journey through a campus placement at SKP India Ltd., where I worked for one year. With this, I started my preparation for the GATE examination and went on to secure admission to the National Institute of Technology, Trichy (NIT Trichy), where I completed my M.Tech in Industrial Metallurgy.

Through campus placements at NIT Trichy, I joined Bajaj Auto Ltd., where I have been working for the past two and a half years.



Atharva: Can you tell us about your organization or role where you were involved prior to joining ISRO?



Mr. Ajay: After completing my B.Tech from PCCOE, I joined SKF Bearings as a graduate apprentice trainee. Over the course of one year, I gained hands-on experience in various departments, including production, maintenance, multi-skilling, and heat treatment. This role helped me gain valuable insights into industrial processes, particularly in metallurgy, allowing me to correlate theoretical knowledge from my studies to real-world applications.

Currently, I am an Assistant Manager in the Engine Quality Department at Bajaj Auto Ltd. My role involves overseeing engine quality, conducting testing and calibration, and ensuring precise assembly. Since the engine is the "heart of the vehicle," my work is critical to ensuring vehicle performance and reliability.



Ahana: *What motivated you to prepare for ISRO and What are the steps that you took to prepare for the exam?*



Mr. Ajay: *It was clear to me that I wanted to prepare for government exams after completing my education. In Pune, I studied at a library where I formed a highly motivating friend circle that included IIT students. Their competitive spirit inspired me to aim higher and explore real competition.*

To gain a deeper understanding of the preparation process, I moved to Delhi and spent 8 months there. During this time, I witnessed the intense dedication and determination of aspirants working hard to achieve their dreams. This experience gave me valuable insights into the level of commitment required to succeed in such competitive exams.

I was primarily preparing to become a gazetted engineering officer, and the syllabus for this was similar to that of the UPSC engineering exams. During my preparation, I discovered that ISRO conducts its own exams, which also follow the same syllabus. However, I learned that ISRO's interview process is distinct, as it is conducted by the organization's own scientists, making it a unique experience.



Atharva: *What qualities are essential for a person to be selected in ISRO or any other organization?*



Mr. Ajay: *Before preparing for any interview, whether it's for organizations like UPSC, ISRO, or DRDO, the first step is to clear the written examination. These exams are conducted at a pan-India level, making them highly competitive and challenging. The unpredictability of the questions adds to the difficulty, so it's very important to have a solid grasp of the basics.*

The real challenge begins with the interviews, as they are the true game-changers. My written score was not exceptional—I wasn't a topper—but my interview performance made all the difference, elevating my overall rank to 'AIR 1.'

In my experience, talking to people who have successfully gone through such interviews proved invaluable. My advice is to first focus on mastering the basics and maintaining clarity in your concepts. Interviewers often assess how well you can explain complex ideas in simple terms. They also evaluate your confidence and test whether you truly understand your concepts or are bluffing.

If you're unsure about a question, it's better to admit it honestly rather than give inaccurate answers. During my interview, there were a few questions I didn't know, and I admitted that openly, which the panel appreciated.

Panel interviews often include rapid-fire questions to evaluate how quickly you can comprehend and respond. Maintaining eye contact with all panel members is equally important, as it reflects confidence and engagement.



Ahana: What message would you like to share to the students of PCCOE who wish to achieve such dreams?



Mr. Ajay: You may have heard the quote, "The journey is sometimes more enjoyable than the destination." This truly reflects the nature of this experience. Once you achieve your goal, you'll realize how much you cherished the journey that led you there.

Start by creating a timetable and setting clear, achievable goals for yourself. While it's good to aim high, avoid setting unrealistic expectations that could lead to disappointment and lowering your standards later. Dream big, because only by aiming high can you achieve great heights. Always give 100% to your efforts and, most importantly, remain consistent.

I understand that college life is a time to create memories and enjoy yourself. You absolutely should make the most of this phase, but it's essential not to sideline your studies in the process. It is important to have a balance between enjoyment and academic focus.

Finally, have faith in yourself and maintain consistency. These two elements, combined with your hard work, will guide you toward success.



ENGLISH

Section



Ishan Toraskar, Sarthak Bagde, Rasika Wakte, Shreya Khadse, Aaryan Deshpande

A JOURNEY OF LEGACY: 25 YEARS OF PCCOE

*In twenty-five years, a legacy born,
PCCOE stands proud, shining each morn.
A journey carved with dreams and might,
Where knowledge met passion and took flight.*

*From humble roots, we paved our way,
Through trials and triumphs, night and day.
A temple of learning, where minds ignite,
Fueling the quest for the future's bright light.*

*Innovative paths in labs and halls,
Brilliant minds breaking all walls.
Projects and ideas, visions profound,
Echoing success in each campus ground.*

*Swaratarang echoes, a rhythmic delight,
Spectrum ignites minds, burning bright.
Technical marvels, innovation so grand,
Uniting us all in a vision well-planned.*

*With mentors' wisdom, students' drive,
A legacy forged, alive and alive.
Through decades of change, we've stood so strong,
Together in spirit, where all belong.*

*To every student, teacher, friend,
To every memory that we defend,
Here's to twenty-five years, a journey of grace,
With pride in each heart, we continue this race.*

*Ishan Toraskar
SY IT*



ME AND MY SCHOOL LIBRARY



How many books are too many books? I'd say, "Books can never be too many." When I was in my lower grades, I eagerly awaited starting 5th grade. The reason being, that from 5th grade onwards, students were allowed to enter the library and take books home for 2 weeks. I used to make a list of all the books I would read once I got to go to the library. Books were everything to me. I remember going to the library with my mother and grandmother... it was heaven for me. Unfortunately, once we shifted, my library odyssey stopped. Hence, I looked forward to entering my school library. During my first library period, all my dreams sank deep into the ocean of disappointment. I realized that we couldn't choose the books we wanted. I had already read most of the 5th-grade collection and was turned down when I asked my teacher for other books. One book for two weeks was too boring. I am a fast reader who cannot handle suspense and often read the entire book within hours. My school library had disappointed me big time. I would often exchange books with my classmates and finish them, too. My dream of making the most of the library was shattered. This made me think whether schools were doing enough to promote reading among young kids. I wondered if I, a bookaholic, was bored during library sessions, what must my classmates have been thinking? These sessions were ideal opportunities to help them grow fond of books, yet the library rules drained down these opportunities. But, I also learned an important lesson, i.e. 'Not everything will go my way... I need to learn to adjust and make the best out of any opportunity I get.' Besides, I have now moved on to the dream of having a cozy home library.



Eshal Sayed
FY E&TC

DECENTRALIZED FINANCE (DEFI):

The future of Banking?

In recent years, the financial world has undergone a seismic shift with the advent of Decentralized Finance (DeFi). Built on blockchain technology, DeFi represents a paradigm shift from traditional banking systems by enabling financial transactions without the need for intermediaries like banks or brokers. This transformative innovation has sparked a global conversation about the future of banking, promising inclusivity, transparency, and efficiency.

WHAT IS DEFI?

DeFi refers to a set of financial services and applications built on decentralized blockchain networks, primarily Ethereum. These services range from lending, borrowing, and trading to savings accounts and insurance. Unlike traditional banking systems, DeFi eliminates central authorities, relying instead on smart contracts—self-executing agreements with the terms directly written into code. For example, platforms like Aave, Uniswap, and Compound allow users to earn interest, trade assets, or take loans without the need for a bank, providing financial autonomy and reducing costs.

HOW DEFI WORKS

DeFi operates using:

- **Blockchain Technology:** A transparent, immutable ledger that records all transactions.
- **Smart Contracts:** Automated protocols that execute transactions without intermediaries.
- **Cryptocurrencies:** Digital assets like Ethereum (ETH) serve as the backbone for DeFi transactions.

Users interact with DeFi platforms through decentralized applications (dApps), which offer intuitive interfaces for managing digital assets.

WHY IS DEFI REVOLUTIONARY?

Financial Inclusion:

DeFi opens the doors of finance to the unbanked population, offering services to anyone with an internet connection. In regions with limited banking infrastructure, DeFi can democratize access to capital and financial tools.

Transparency:

Every transaction on a blockchain is publicly verifiable, reducing the risk of fraud and corruption.

Lower Costs:

Without intermediaries, transaction fees are significantly reduced, making financial services more affordable.

Accessibility and Control:

DeFi allows users to maintain control over their assets without relying on a third party

CHALLENGES FACING DEFI

Despite its potential, DeFi is not without challenges:

- **Scalability:** Current blockchain networks face limitations in handling large transaction volumes.
 - **Security Risks:** Vulnerabilities in smart contracts can be exploited by hackers, leading to significant financial losses.
 - **Regulatory Uncertainty:** Governments worldwide are grappling with how to regulate decentralized systems, which could hinder their adoption.
- Volatility: Cryptocurrencies, which underpin DeFi, are often volatile, posing risks to users.

DEFI VS. TRADITIONAL BANKING

While traditional banking systems are trusted and regulated, they are often criticized for being slow, costly, and exclusionary. DeFi, in contrast, offers a faster, more transparent, and inclusive alternative. However, it lacks the stability and consumer protection mechanisms inherent in centralized institutions.

THE ROAD AHEAD

As DeFi continues to evolve, it holds the potential to reshape the financial landscape. Innovations like layer-2 scaling solutions and cross-chain interoperability aim to address its current limitations while growing regulatory clarity will provide a safer environment for users.

The question remains: will DeFi replace traditional banking, or will it coexist as a complementary system? Regardless of the outcome, one thing is certain—DeFi is here to stay, and its impact on the future of banking will be profound.

Decentralized Finance represents not just a technological innovation but a movement toward a more equitable and efficient financial system. Whether you're an investor, a developer, or an everyday user, the rise of DeFi signals an exciting time of transformation and opportunity in the financial world.



Tears

I read somewhere we need water and salt to live
How divine that they mingle in our tears.
In every drop, a cosmic recipe gives,
Life's essence is a blend of joy and fears.

The salt of our suffering, the water of grace,
Together they dance in a silent embrace.
A symphony of existence, both bitter and pure,
A testimony of life's intricate lure.

From our eyes, the heavens' alchemy flows,
Mingling the sacred with our mortal woes.
In every tear, the universe's secret is told,
A mixture of the celestial and the bold.

Mannat Raina
FY AS&H

Artwork by
Apoorva Arora
FY IT



Letting go?

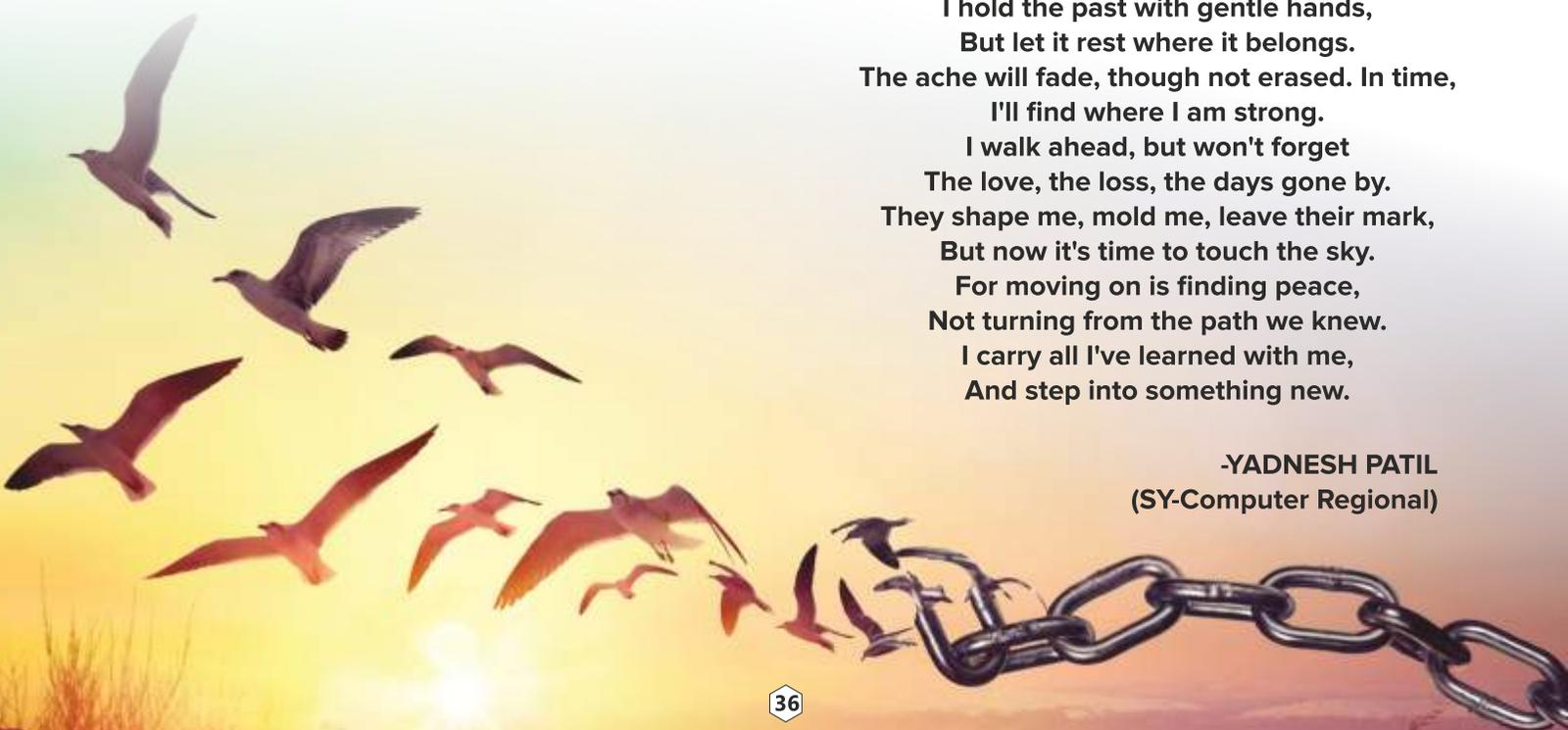
Moving on is not forgetting,
But learning how to breathe again.
Memories still linger softly, like whispers in the
wind and rain.

I hold the past with gentle hands,
But let it rest where it belongs.
The ache will fade, though not erased. In time,
I'll find where I am strong.

I walk ahead, but won't forget
The love, the loss, the days gone by.
They shape me, mold me, leave their mark,
But now it's time to touch the sky.

For moving on is finding peace,
Not turning from the path we knew.
I carry all I've learned with me,
And step into something new.

-YADNESH PATIL
(SY-Computer Regional)



SUPERWOMAN

She swallows her pride, puts her feelings aside,
She will make you smile even if she is crying
inside.

She shields her family,
She manages everything skilfully.

She keeps aside all her dreams,
her face enlightens with sweet beams.

She always keeps her family first,
She protects her family from all evil smirks.

Her love is abundant,
More than any rotary fund.

She is well-versed with all my meds,
She takes care that I'm well-fed.

This is the woman who gave me birth,
My Mum, My Superwoman who gave my life
worth.

Eshal Sayed
FY E&TC



MOON COMES UP

*With a tinge of sorrow in my eyes,
I look forward to engaging everyone with my waves.
I, the Sea, am happy when I don't focus on those lies.
How could I feel lonely when I am as busy as a local
train?*

*Those sandcastles remind me of her,
As if I were a fierce knight waiting for her messenger.
I am clueless about this feeling in broad daylight,
But when the sun starts setting, this Sea seeks his
sunshine.*

*Soon, the Moon comes up.
The Sea becomes joyful and every visitor departs.
The evening transitions into the night,
The Moon has never been so beautiful despite her
scars.*

*The unerasable past always leaves its trace.
Is the Moon the reason for the Sea's unavoidable
rage?*

*When distance parts them, it is hard to breathe.
When both are close, high tides are born of hate.*

Sarthak Bagde
SY Computer Regional
MDS - Literature
Member, Art Circle

BEYOND MACHINES: ENGINEERING UNDER THE NEW EDUCATION POLICY

As a proud engineering student, I've always admired how our colleges serve as vibrant hubs of innovation and technological progress. They nurture young minds like mine, equipping us with the skills to tackle complex challenges and contribute to society. With the advent of the New Education Policy (NEP), this journey has reached new heights. Today, the emphasis is not just on creating exceptional engineers but also on shaping compassionate, socially aware individuals who can make a meaningful difference in the world.

This article reflects my personal experience and observations as a student in our college, where we've seen firsthand how the NEP has transformed our lives.

Before the NEP, life as an engineering student felt like a race against time. Our days were packed with lectures on core subjects, yet something was missing. There was little emphasis on personal growth, real-world challenges, or social awareness. We were pressured to score high marks in a fiercely competitive environment, with learning primarily focused on rote memorization and theoretical knowledge. As a result, many of us graduated as skilled engineers but struggled to connect with the communities we were meant to serve.

THE TURNING POINT: ENTRY OF NEP

The introduction of the NEP was a game-changer. It shook up the traditional system and brought in a refreshing, balanced approach. Suddenly, engineering wasn't just about machines, algorithms, and equations—it was about creating thoughtful, empathetic, and socially aware individuals like us.

Life skill sessions became a key part of our curriculum, initially seeming like just another addition to our schedule. However, they quickly turned into some of the most impactful moments of our college journey. At the start, we didn't know each other well—our interactions were limited to the occasional group project or class discussion. But as we participated in activities like childhood games, rope-making challenges, scavenger hunts, cricket, tug of war, and even fireless cooking, something magical began to happen. We laughed together, and competed together, while the entrepreneurship activity, where we pitched business ideas, taught us teamwork and perseverance. These experiences not only enhance our technical skills but also shape us into better people, ready to face the world with empathy and understanding.

Alongside the life skill sessions, the NEP also introduced subjects that deepened our understanding of the world beyond engineering. One such subject is the "Constitution of India," which became an essential part of our curriculum. It wasn't just about memorizing laws and articles; it was about learning the core values of democracy, justice, and equality. The lessons from this course made us more aware of our rights and responsibilities as citizens, while also encouraging us to reflect on the role we can play in shaping a fairer society.

The NEP allowed us to explore multidisciplinary minors like English Literature, IoT, Entrepreneurship, and Generative AI. While engineering remains our focus, these minors have expanded our knowledge and ignited our passions. For instance, English Literature has taught us the importance of storytelling and communication—vital skills in all areas of life.

These subjects have brought a beautiful balance to our education. We're no longer confined to a single domain of learning; instead, we are encouraged to think creatively, integrate knowledge from different fields, and find innovative ways to tackle the problems of tomorrow.

We've learned to work well with others, handle conflicts with grace, and communicate effectively. These aren't just professional skills; they're life skills that make us better friends, family members, and community leaders. The NEP has created a new breed of engineers who are ready to tackle not just technological problems but also the ethical and social challenges of our time. We're not just building machines and writing code—we're building bridges between communities, solving real-world problems, and shaping a society that values innovation, compassion, and humanity.

In the end, the journey of an engineering student is no longer just about grades and degrees. It's about growth—as a learner, a professional, and, most importantly, as a human being. And that's the true power of the New Education Policy.

Dhanshree Balaji Ghavas
SY Information Technology
MDS - Literature



HOME IN MY VILLAGE

*Deep in the jungle, where green meets the sky,
Lies my village, untouched, where pure breeze sigh.
No buzzing phones, no endless calls,
Just the rustling leaves and waterfalls.*

*The sunrise paints the skies in gold,
A masterpiece that never grows old.
Birds greet the dawn with melodies sweet,
Their songs a blessing, pure and complete.*

*A sky untainted, vast and clear,
Where stars at night feel near,
My home stands proud by the river's song,
With flowers that dance all day long.*

*High on a hill, where the heavens reside,
Lies Shiva's temple, our guiding pride.
Through rivers and jungles, the journey unfolds,
An adventure of faith, where the spirit beholds.*

*Farmers rise with the break of day,
To tend the fields in their humble way.
And when Bail Pola brightens the year,
We honor the bulls, our partners dear.*

*The people here, with hearts so pure,
A bond of love that will always endure.
Festivals glow with laughter and cheer,
One family united, year after year.*

Dhanshree Balaji Ghavas
SY Information Technology
MDS - Literature



THE FORBIDDEN LOVE

The year was 1577. In the city lived Kandahar, a heavily pregnant Asmat Begum. Along with her husband, Ghiyas Baig, she wandered across the city in search of food and shelter. Their struggle grew intense when Asmat went into labor and gave birth to their child- a beautiful baby girl. But alas! They couldn't afford to raise a daughter. With a heavy heart, they abandoned the child. Little did they know that this child would be the owner of the fortunes that would suffice for their generations to come. But destiny had different plans. The child came back to them with a wealthy businessman who not only reunited the couple with their daughter but also took responsibility for their finances. The child was named Mehrunnisa- "sun among women", for she had brought stability to their lives. As the years passed, Baig was quick to rise to the ranks in the Mughal court in Agra. Nisa grew up to become an enchantress. Soon, sparks flew about Nisa and Emperor Akbar's eldest son, Prince Salim, which turned out to be true. This event has changed the course of Indian history. But this relationship wasn't easy for them to pursue. Resistance from Jagat Gosain, Salim's chief wife, and his attempt to poison the emperor, resulted in Nisa being married off to a local plunderer turned soldier in the Mughal army, Ali Quli.

Nisa and Salim saw the toughest times of their lives in the form of those 13 years. Prince Salim was crowned as the Emperor of India after Emperor Akbar's demise. He was now recognized as Badshah Jehangir. Though his court was filled with genius minds, Nisa's political prowess was dearly missed. The impact of Nisa's suggestions on Salim was profound.

Nisa had a different set of hardships with Ali. His dominant and abusive behavior resulted in Nisa's indifference and a loveless marriage. A childless couple for many years, they finally bore their first child- a girl- Ladli. But this was not before Ali resorted to infidelity and bore a child with Yasmine, Danish. Tensions between Ali and Salim kept on getting intense. Salim's repeated attempts to sabotage his marriage with Nisa led to his sheer determination to defeat Salim. Times grew tougher as the Agra fort was attacked. But Salim was in for a pleasant surprise when Nisa showed up to face the opponent. With this event, Salim's desire to be with Nisa grew stronger. With Baig's embezzlement being caught, a divorce letter was written by him at Salim's behest for Nisa. This letter became the cause of enormous fury for Ali. He was prepared for war. But Salim wanted peace. To fulfill this motive of the emperor, General Koka was sent to Ali for peacemaking. But this gesture was misunderstood by Ali- partly because of his anger and partly because of Jagat's conspiracies, and a war broke out between the two. This resulted in the bloody deaths of Ali, Koka, and Yasmine. Nisa was rendered homeless with the two kids. With nowhere else to go, she left for Agra. She faced a lot of hardships on the way. But the queen knew how to get through. After a lot of toil, she finally reached Agra and reunited with her parents and of course, her beloved- Emperor Jehangir. He was quick to propose to Nisa for marriage and she readily agreed. The grand event took place in the royal palace. Nisa was no more a daughter of the treasurer or a soldier's wife. She was now the queen of India, the woman who ruled the country for the years to come, and the veiled power who decided the fate of millions



Krupa Rao
TY E&TC

Soulful Symphony



In the hush of night, I clutch my dreams,
Where thoughts of us flow in silent streams.
Seeking solace in your radiant light,
Yet engulfed in our tempestuous plight.

Each glimpse of you, a tender ache inside,
Strings of my heart in a sighing tide.
You're near, but distant, just fingers apart,
While you paint roses that tear at my heart.

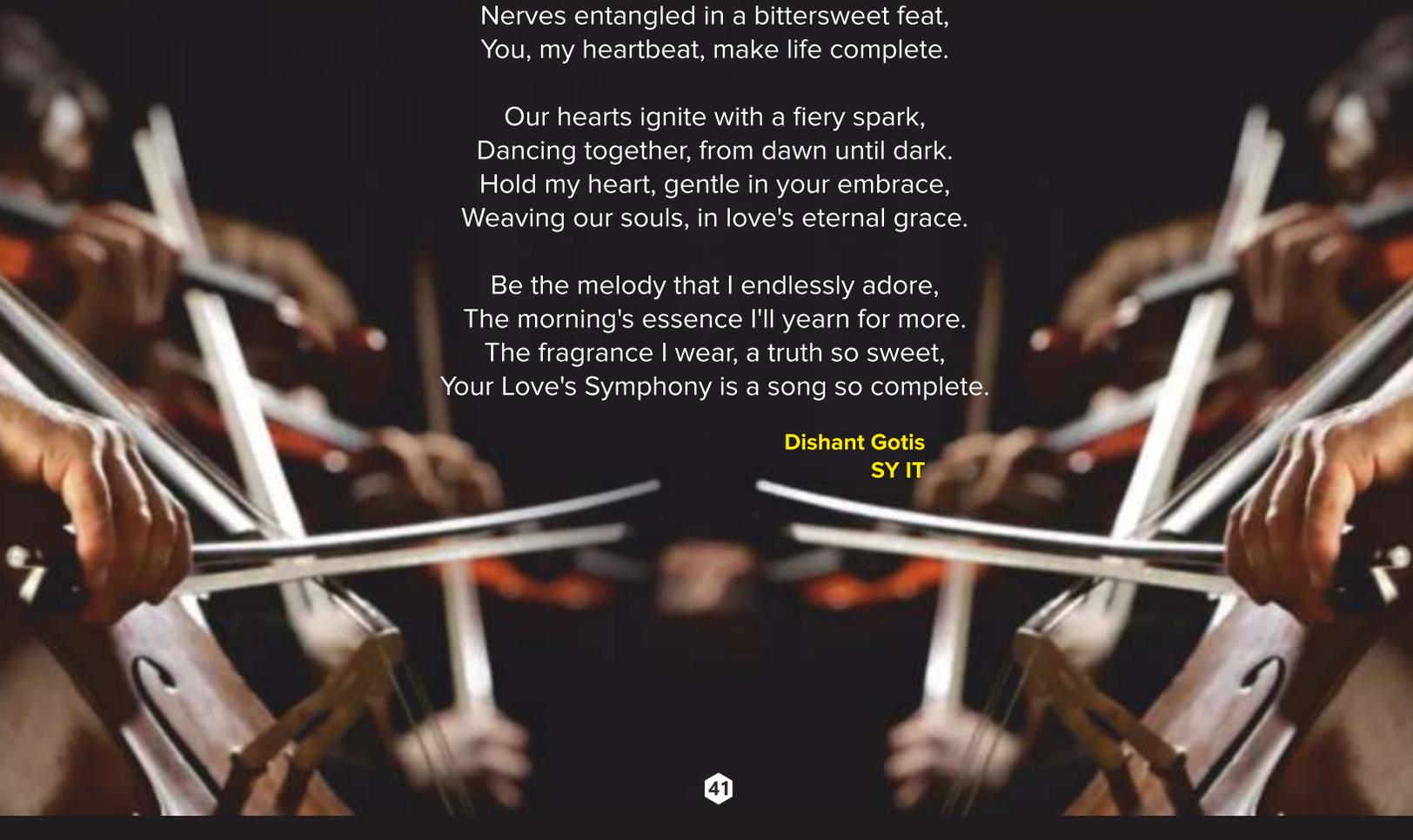
Lost in this paradox, I surrender,
To the enigma of love, so tender.
Perhaps I dwell in your hurricane's spin,
Lost in adoration, consumed within.

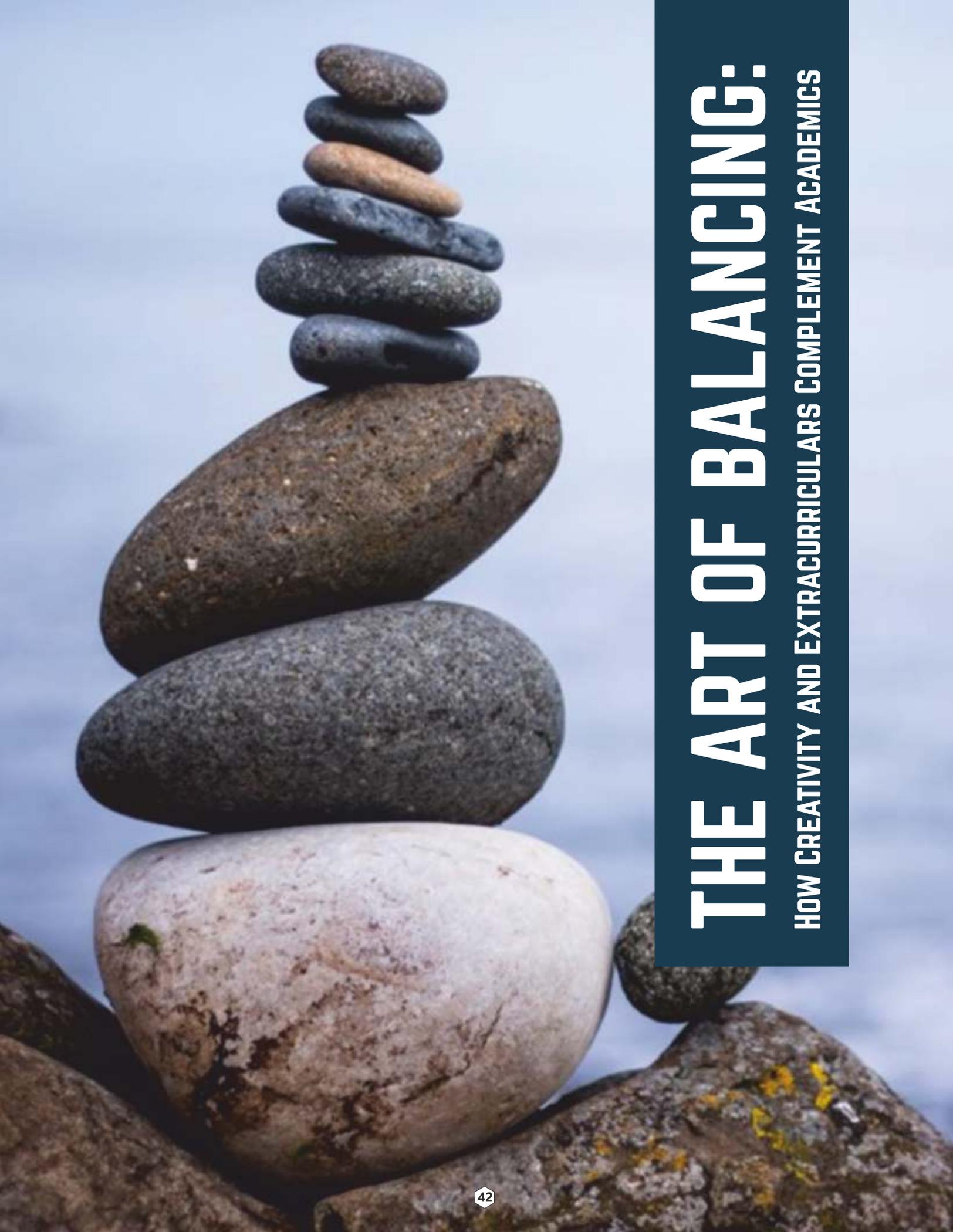
Falling deeper for you, the picture so clear,
Sweet pain of longing, drawing me near.
Nerves entangled in a bittersweet feat,
You, my heartbeat, make life complete.

Our hearts ignite with a fiery spark,
Dancing together, from dawn until dark.
Hold my heart, gentle in your embrace,
Weaving our souls, in love's eternal grace.

Be the melody that I endlessly adore,
The morning's essence I'll yearn for more.
The fragrance I wear, a truth so sweet,
Your Love's Symphony is a song so complete.

Dishant Gotis
SY IT





THE ART OF BALANCING:

HOW CREATIVITY AND EXTRACURRICULARS COMPLEMENT ACADEMICS

In today's fast-paced world, where academic achievements often dominate conversations about success, which often values conformity, there is a growing need to emphasize the importance of art and creativity and explore one's passions to stand out and make a significant impact and develop a well-rounded personality and become balanced individuals. Being a balanced person is crucial in today's competitive world. Academic excellence, while essential, is not the sole measure of success.

The paradox 'Fast means slow, and slow means fast' can be well understood by practicing art and creativity, which teaches us the value of patience and steady progress. By learning from mistakes and never giving up on oneself, individuals can achieve remarkable growth. Studies have shown that students involved in art and sports often exhibit better time management and higher levels of resilience, focus, and dedication. They also experience lower levels of anxiety and have better emotional regulation. In my journey, theatre and dance have served as powerful stress-busters. They not only allow me to express myself but also provide a space where I can unwind and reconnect with my passion, helping me maintain a healthy balance between academics and creativity.

Even though society often places more value on academic achievements, on the contrary, a balanced approach that includes hobbies and passions can prepare individuals for real-world challenges. In addition, it prevents underutilization of the brain, as the human mind becomes stronger and more adaptable under pressure. For example, students who participate in theatre or sports develop confidence, teamwork, and leadership skills. Finally, artistic pursuits instill discipline and enhance an individual's ability to focus, thereby increasing their potential to excel in multiple areas.

Colleges play a pivotal role in fostering a balanced environment. Many colleges or institutions are home to students who excel in both academic and extracurricular activities. From theatre performances to intercollegiate competitions, these platforms showcase the synergy between academic excellence and artistic pursuits.

As someone deeply involved in the Art Circle, I've had the privilege of seeing how creativity and academics complement each other. The confidence gained from performing and participating in discussions, event management, theatre, dance, and other extra activities has translated directly into my academic presentations, debates, discussions, and interviews for any position in student clubs. It has also helped in being in the leadership roles in the clubs, such as anchoring head in Art circle, student coordinator in departmental art circle, operations lead in the Computer Engineering Student Association-ACM Students Chapter, Executive officer in International Relations Cell and also be the Class Representative for my class in the college, aided by presentation, communication, confidence, time management, teamwork, leadership, and many other essential skills which were enhanced and developed due to my participation in creative and extracurricular activities from an early age.

To sum up, I firmly believe that everyone has a unique talent yet to be discovered, and Art and creativity are as important as academics in building a balanced, disciplined, and fulfilled life. No doubt engaging both hemispheres of the brain through these activities helps improve overall learning capabilities and striking a balance between academic, extracurricular, and creative activities can lead to a more enriched and successful life for an individual.

Ishani Narendra Soundankar
SY Computer Engineering
Art circle Member

Her Vintage Charm



Her Vintage Charm
Stolen from a diary's title,
I coined my personality this name.
Safe and guarded my citadel,
And nobody is to blame.

I certainly feel something pulled a shroud on my pride,
When instead of slowly walking in charm,
I took a long stride,
To the shore which holds wild tides.

Tell me tell me!
I hear the woman from the 1800s.
Loud with her criticism,
I feel like I surrendered to the Great Grand Modernism.

Wishing to be held by his strong arms,
Did I really lose my vintage charm?

I would go back to every little stair,
To erase all my footprints.
Surely times have changed for better,
I promised to call him my prince.
But it's caged in an unsent letter.

Will all these struggles and attempts be noticed?
Claiming to be a keen observer,
He too has maybe promised.

He seems a little different from what he shows.
I feel like a charmer,
He secretly declares nobody can harm her.
But he seems a little different from what he shows,
I always feel like a charmer
His hermitage sometimes unarms her.

What if he holds a kingship to the land of modernism?
And I just entered as a novice,
Looking at my lace old gown and pen in hand,
Will I be executed or become his choice?
Thousand times I ask these peasants
Keeping their words uncertain,
For once I want the time to act clement.

With a feeling of defeat,
A question riding the Harley Street.
Tell me tell me!
I hear a woman from the 1800s
Loud with her criticism
With every little silly move,
Did I surrender to modernism?

Being held by his strong arms,
Will I ever get back my vintage charm?

Anisha V Shrivastav
SY E&TC
MDS - Literature

From Humble Beginnings to Cosmic Heights: ISRO's Story

Since India's independence, the world witnessed a fierce Cold War between the USA and the Soviet Union. The space race between these superpowers led to rapid advancements in space technology, starting with the USSR launching Earth's first artificial satellite, Sputnik-I, in 1957. Though financially weak, India aspired to use space exploration for national development. Homi Jehangir Bhabha, a senior nuclear physicist, entrusted the Department of Atomic Energy (DAE) with this task. In 1962, Bhabha established the Indian National Committee for Space Research (INCOSPAR), chaired by Dr. Vikram Sarabhai. Under his leadership, INCOSPAR began launching sounding rockets from the Thumba Equatorial Rocket Launching Station in Kerala.

India's internal situation was dire at the time, with the nation reeling from the 1962 Indo-China war and severe food shortages. Yet, as Oscar Wilde famously said, "We are all in the gutter, but some of us are looking at the stars." In 1963, Sarabhai established the Space Science and Technology Centre (SSTC) to develop indigenous satellite launching capabilities. This laid the foundation for modern SSLVs, GSLVs, and LVM3s. On 15 August 1969, INCOSPAR was replaced by the Indian Space Research Organisation (ISRO), initially under the DAE but later moved to the newly formed Department of Space in 1972.

India's first satellite, Aryabhata, was launched in 1975 with the USSR's help. In 1980, ISRO achieved a significant milestone by launching the Rohini Satellite using its indigenous SLV-3 rocket, making India the 7th nation to place a satellite in Earth's orbit. Dr. APJ Abdul Kalam, the project director, played a crucial role in this success. ISRO went on to develop advanced Medium Launch Vehicles, Solid Fuel, and Liquid Fuel Rocket Engines while launching satellites for communication, weather forecasting, and disaster management.

Major Achievements:

- PSLV (1982-85): Used in several missions, including Chandrayaan-1, which discovered water on the Moon.
- INSAT System (1983): Supported telecommunications, TV broadcasting, disaster management and weather forecasting.
- IRNSS/NAVIC (1999): India's navigation system developed after the USA denied GPS support during the Kargil War, offering precision tracking up to 5 meters.
- RISAT & CARTOSAT: Defence surveillance, border monitoring, and resource management.
- EMISAT & GSAT: Boosted communication and defence coordination among the Navy, Army, and Airforce across Indian and international landmasses, airspaces, and oceanic regions.
- Mangalyaan (2013): ISRO set a world record by achieving its first attempt success in placing a satellite in the Martian orbit. This was achieved at \$74 million compared to NASA's \$671 million.
- 2017 World Record: Placed 104 satellites in orbit in a single mission.
- Chandrayaan-2 (2019): Partial success with the orbiter placed in the Moon's orbit, though the lander crashed just meters away from the Moon's surface.
- Mission Shakti (2019): Anti-satellite missile launch with DRDO.
- Chandrayaan-3 (2023): India became the first country to achieve a soft landing on the Moon's South Pole.
- Aditya-L1(2023): Solar observation mission.
- XPoSat (2024): India became the second country after the USA to launch a dedicated satellite to study celestial objects and black holes.
- SpaDeX: Space docking experiment to aid the establishment of the Bhartiya Space Station by 2035, placing India alongside the USA, Russia, and China.
- Gaganyaan (2026) & Chandrayaan-4 (2027): India's manned space missions for further space exploration.

ISRO is renowned for its cost-efficiency. While NASA operates on a \$20 billion annual budget, ISRO gains similar expertise with an annual budget of just \$1.2 billion. Despite foreign interference and media mockery, ISRO's work directly benefits Indian citizens. Its satellites support 5 billion ATM transactions annually, aid 120 million farmers with precision agriculture, and enhance disaster management. During Cyclone Fani (2019), early warnings helped evacuate 1.1 million people.

From transporting rocket parts on bicycles to leading global space exploration, ISRO's journey is a testament to India's resilience, dedication, and scientific excellence. Today, ISRO stands as a beacon of progress, carrying the aspirations of 1.4 billion Indians beyond the stars.

Aaryan Sunil Deshpande
FY Computer Engineering

Through the Eyes of a Stranger: A Tribute to 25 years of Shared Experiences

On the first day of college, we step into a new place, unsure of our surroundings and the people in it. As we search for our department, we come across many new faces, wondering what the person in front of us might be like. In my first lecture, I hesitated to choose a seat and ended up next to a girl who looked just as nervous as I felt. A simple smile broke the ice, and we bonded over our mutual confusion. Because of her, I realized how quickly strangers can turn into allies.

As days go by, we try to learn about different people, share perspectives, and attempt to fit in. Being in that stage—wondering what each person holds inside, what stories they carry, and what fears and hopes they have—is the gift of being human. But with this comes the realization that we are also being seen through the eyes of others. How our first impression affects us and how our stories help others connect with us are things we often don't consider.

Being an engineering student is stressful, but that's why we aren't alone. During my first semester, I was overwhelmed. One morning in the library, a senior noticed my stress and sat beside me. "You'll get through it," he said with a smile. He shared his struggles and how he overcame them. That brief conversation gave me the strength to keep going, and to this day, I wish I had thanked him properly—or at least asked his name.

Through this chaos, it's easy to overlook the faces we pass each day. Yet, behind every set of eyes lies a world of experiences, struggles, and dreams we may never know. What if we paused and truly saw them? Would our judgment of them change, or would it be proven right?

During my third semester, I had a tough submission deadline and forgot an extra index page. Stressed, I sat on a bench, thinking I'd have to return the next day. Suddenly, a classmate I had barely spoken to handed me one. It wasn't just an act of kindness; it was a reminder of how strangers can brighten your day when you least expect it. I started college as a shy newcomer, unsure of my place. Years later, I found myself looking at fresh faces, each carrying the same uncertainty I once felt. During my fifth semester, a first-year student approached me with the same doubts I had. It felt like meeting my past self. I tried to answer her questions, hoping to make her feel comfortable. That day, I realized how meaningful it is to be the stranger someone can lean on.

As I near the end of my journey, I realize how the strangers around us create ripples in our lives. These strangers, who have now become friends, mentors, and inspirations, remind us of the power of humanity. The small acts of kindness we receive shape our lives in ways we often don't realize.

This year marks 25 years of our college's existence. I can't help but think about the stories that have unfolded here—the connections made and the kindness shared. Each generation carries the legacy forward, writing new pages in our institution's story. I feel privileged to have been part of this journey, both as a first-year student once guided by others and as someone who could extend that same kindness. As we celebrate this milestone, I hope the spirit of connection continues to thrive, ensuring no one remains a stranger for long.



years Experiences

Rasika Wakte
TY E&TC

Graffiti As Modern Art

In ancient times Graffiti was scratched onto walls of caves with sharp objects, chinks, or other substances. However, in modern times, Graffiti refers to writings or drawing on walls in public spaces, often done without permission and therefore seen as vandalism.

So, it is no surprise that it has been a controversial topic from the get-go. However, it is worth exploring the meaning and influence of graffiti beneath just the denotation and connotations at the surface level.

Graffiti as it's known today originated in the late 1960s in Philadelphia when young people began writing their names on walls and trains. It became a game of who could be 'up' the most. As writing became more popular, writers had to become more creative with their designs to get noticed and stand out.



Graffiti played a pivotal role in catapulting Banksy, Jean-Michel Basquiat, and Keith Haring to global fame, transforming an often-dismissed medium into a celebrated art form.

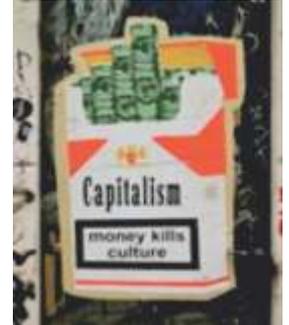
Banksy's satirical stencils, infused with sharp political and social commentary, brought him widespread acclaim, with his works like *Girl with a Balloon* selling for millions. Basquiat used the streets of New York as his canvas to explore themes of race and identity, later transitioning to the fine art world where his pieces now fetch record-breaking prices, such as his *Untitled* (1982), which sold for over \$110 million. Similarly, Keith Haring's vibrant, graffiti-inspired imagery, characterized by bold lines and universal symbols, gained him recognition in both public spaces and galleries, with his art now valued at millions. Together, they redefined graffiti as a legitimate and lucrative art form, bridging the gap between street culture and the high art market.



The success of graffiti as an art form is exemplified by its evolution from an underground, often criminalized activity to a globally celebrated medium. The global art market's embrace of graffiti—seen in the astronomical value of works in this medium—underscores its legitimacy. Graffiti's vibrant colors, bold lines, and raw energy challenge traditional notions of art, while its public, accessible nature democratizes creativity. The recognition of graffiti in galleries, auctions, and museums has firmly established it as a legitimate art form, proving that its origins on the streets do not diminish its capacity for profound cultural and artistic impact.

Art has long been a medium for making bold statements, challenging societal norms, and sparking dialogue, and graffiti embodies this tradition in its rawest form. As an art form that exists directly in the public eye, graffiti offers unparalleled accessibility, allowing artists to bypass traditional gatekeepers like galleries and museums to reach diverse audiences. Its presence on urban walls, subways, and public spaces amplifies its impact, ensuring that its messages are seen by thousands if not millions.

Graffiti is often used to comment on political and social issues, addressing topics such as inequality, war, environmental degradation, and systemic oppression. Its crude, unpolished nature mirrors the urgency and authenticity of the issues it seeks to highlight, creating a visceral connection with viewers. This raw aesthetic strips away pretension, making the message more relatable and direct.



Graffiti stands as the ultimate modern art form, perfectly encapsulating the spirit of urban culture while enhancing its raw, unfiltered beauty. Born in the streets, graffiti emerged as a direct reflection of urban life—its struggles, vibrancy, chaos, and resilience. The art form and its environment share a symbiotic relationship: the city provides the canvas, and graffiti breathes life into its otherwise stark, industrial surfaces.

Shreya Khadse
TY E&TC

City of Stars: *The Himalayan Manali.*

The Enchantment of the Night Sky

As the sun goes down and the shadows on the Himalayan land sink deep, Manali offers glimpses of treasures, including possibly the prettiest one on Earth—blue, fog-free skies blessed by sunlight, making the heavenly skies seem nearer than any other corner on this planet. The sky is still and dark-sky compliant, glowing with the visuals of stars, planets, and galaxies talking to infinity beyond. The great Orion shines along with Cassiopeia and the Big Dipper Big Dipper—making this place a paradise for stargazers.

Offering a true glimpse of cosmic behaviour, Solang Valley and Rohtang Pass boast buoyant, ambient light stargazing sights with the privacy of other clearings in Old Manali. There is, of course, an open area where one can easily lie down on the cold grass while gazing at the Milky Way spread above like icing on a cake. The opportunity to see a meteor shower, and sometimes even an aurora, adds to the attraction for astronomy enthusiasts.

Starry skies above Manali boast local folktales. Ancient legends narrate how the gods yearned to keep watch over human life, and the ethereal presence of the gods was indicated by the twinkling star patterns. Locals share widespread stories about particular constellations leading people to prosperity and protection.

Adventure Beckons

Manali is no sight of an enthralling town. Beyond its sights, it is a playground for adventure-seekers. The season dictates the menu of adventure activities, ensuring that every visit and every excursion feels different. Every adventure lover should try paragliding in Solang Valley. As the parachute is launched, below unfurls the breathtaking panorama of verdant valleys, shimmering river, and snow-clad peaks unfold below. It's an indescribable experience. Some of the trekking choices available can be Hampta Pass, Beas Kund, and the Great Himalayan National Park. These trails lead through dense forests, open meadows, and shining glaciers, where every step reveals views that feel like nature's paintings. In winter, these trails are transformed into snowy pathways and frozen lakes, challenging adventurers who are rewarded with absolute silence and untouched beauty. For those drawn to water, the Beas River provides thrills with its white-water rapids. The icy sprays, the roar of rushing water, and actions taken on navigating the rapids create cherished memories.

In Manali, it's all about adventure—whether it's the snow-laden Rohtang Pass or floating above the valleys—pushing the limits of one's courage and reaping the limitless rewards of nature.

Siddhant Mishrikotkar
TY IT



Alumni Messages on PCCOE'S Silver Jubilee

Undoubtedly, one of the biggest proofs of an institute's success is its alumni. PCCOE has nurtured several generations of engineers who are today serving the society in various fields and in positions of influence and authority. It is they who are our crowning glory! As we celebrate 25 years of achievement, we celebrate the achievement of our alumni too, because it is they who speak volumes of PCCOE'S effectiveness not only in pedagogy, but also in shaping young minds to be leaders of tomorrow's nation.

We hope you enjoy reading the messages and well wishes shared by a few of our many enthusiastic alumni.



Name - Aashay Ingle
Branch - Mechanical Engineering
Batch of 2021

PCCOE has played a pivotal role in shaping my personal and professional growth. Being part of TedX, I learned how to manage time effectively and work within strict schedules, which enhanced my organizational skills and ability to meet deadlines. As a member of Team Kratos Racing, I had the opportunity to work on a high-performing, collaborative team while honing my engineering and problem-solving skills. As part of the marketing team, I gained valuable experience securing sponsorships, an achievement that improved my negotiation and communication abilities. Additionally, I served as the publicity head for every major event in college, which allowed me to develop my leadership, marketing, and event coordination skills. My participation in the college's Art Circle and Firodiya Karandak not only nurtured my creative side but also allowed me to engage with the cultural aspect of college life. On the professional front, my journey as a mechanical engineer culminated in securing a placement with a core mechanical company, a testament to the quality of education and opportunities provided by my college. Today, I am excelling in my role, applying everything I've learned to contribute meaningfully to my work, and continue growing in my career.



I am Mihir Zambare, Mechanical Engineering (batch of 2023). My time at PCCoE, was a journey of growth, challenges, and achievements. From founding & leading Team Maverick India to a national championship and guiding them to a global top 10 rank to developing innovative drone technologies, every experience helped me carve my path. The support of incredible mentors like Dr. Narendra Deore and Prof. Chandan Ingole and my peers helped me push boundaries. These years taught me resilience, teamwork, and leadership—qualities that now drive my entrepreneurial journey. To current students: embrace challenges, take ownership of your dreams, and keep innovating. Your college years are the building blocks of something greater—make the most of them!

Name - Mihir Zambare
MS Student, Germany
Director- startup.
Branch - Mechanical
Batch of 2023

Our college has an amazing learning environment where every course is taught with real-world applications in mind. The labs are always accessible, and the faculty provides great guidance, ensuring we're industry-ready. The syllabus is also well-updated compared to other colleges. Beyond academics, the extracurricular activities make campus life exciting—sports tournaments, cultural events like Swartarang, and various student clubs. Being part of Team Maverick, our motorsports team, was a game-changer for me. We secured All India Rank (AIR)1 in the SAE competition, which gave me the opportunity to represent my team in California. The college provided full support, from a dedicated faculty advisor to infrastructure for building our UAV. The Industry exposure here is also top-notch, with sessions from leading companies like Dassault and Škoda and a strong alumni network that helps build valuable connections. Overall, the mix of hands-on learning, extracurriculars, and industry links makes this college a great place to grow.



Rohan Gaikwad
Mechanical Engineering
Currently working in Alfa Laval
Batch of 2024



Name- Mihir Sontakke
Branch- EnTC
Batch of 2022

Hi, my name is Mihir Sontakke. I graduated from PCCOE in the year 2022. My time at PCCOE was quite good, and it has actually helped me a lot to be where I am right now. I was an active part of the PCCOE art circle since my second year of engineering and was involved in most of the activities in and around the institute. In my final year, I was also elected the cultural secretary of the college. During my tenure as the cultural secretary, I had to deal with various people and situations, which not only made me confident about myself but also trained me to tackle any situation with calmness. Today, as I run a successful business, I look back and thank all my faculty and peers, who, in a way, have contributed to my confidence when facing my customers.

I would also like to mention and thank the institute for the trust it has shown in me over the past few years by inviting me to be an external mentor for the ramp walk that is performed during Swartarang every year. Thank you so much for this opportunity

Memories of my time in PCCOE's Art Circle remain vivid, where I enthusiastically participated in various activities. This experience significantly enhanced my creativity, confidence, and communication skills. PCCOE provided me with a holistic learning environment, challenging me to balance academics and co-curricular activities, while fostering team building, leadership, and technical expertise. My message to current students is simple: seize every opportunity to participate in college life. It will be a transformative experience that shapes your personality and sets you up for future success.



Atharva Mangesh Muley
IT, Business Analyst
Batch of 2021

Reflections from our Senior Faculty

In celebration of our silver jubilee, we've gathered heartfelt messages from some of the very individuals who've witnessed our college's legacy firsthand. Join us as our senior faculty share their cherished memories of their past 20+ years of service and their inspiring visions for the future.



PCCoE was established in 1999, and I joined on 25th Oct 2004 as an Assistant Professor in the E&Tc department. I served as HOD from June 2005 to June 2012, witnessing and contributing to the institution's transformation from struggling to thriving, thanks to the dedication of trustees, management, faculty, staff, students, and supportive parents.

Over the years, PCCoE has grown remarkably, with alumni excelling in MNCs, entrepreneurship, administrative services (IAS, IPS, etc.), and higher education at IITs, NITs, and abroad. I have also been organizing industrial tours for 17 years, enriching students' learning beyond classrooms.

My 20-year journey at PCCoE has been filled with challenges and achievements—from leading as HOD, earning a PhD in 2024, and serving as Student Welfare Officer (SWO), which led to the "Best College Award" and my recognition as "Best SWO" by UoP in 2011. Additionally, I was the chief convener for three national technical events (2009) and received the "Best Teacher" award (2007) and "Samajbhushan Puraskar" (2023).

Each milestone reflects the resilience, passion, and relentless spirit of PCCoE.

Regards,

Dr. Ashok Rajaram Suryawanshi

Associate Professor

Dept. of Electronics & Telecommunication

As I celebrate 25 years of being part of this incredible institution, I'm filled with a deep sense of pride, joy, and accomplishment. PCCOE has been more than just a workplace - it's been a journey of growth, discovery, and connection.

I've had the privilege of watching students blossom into confident, capable, and compassionate individuals. I've collaborated with colleagues who inspire me with their passion, expertise, and commitment. And I've been part of a community that values excellence, inclusivity, and social responsibility.

As I look to the future, I'm excited to continue contributing to PCCOE's mission, pushing boundaries, and exploring new frontiers. Thank you for being part of my journey and for making PCCOE such a special place.



Mr. Rajendra Jagtap

Assistant Professor,

Dept of Applied Science & Humanities



The journey in PCCoE as a teacher has always been pleasant, fantastic right from my 1st day 3rd October 2000 when I joined the institute as a young, enthusiastic educator.

I feel a sense of pride in contributing to the development of thousands of students who are now shaping the world. The bonds built with the institute, students and colleagues would be cherished forever.

Yes, a profound transformation in education system we have witnessed in these years.

Previously, Teaching relied heavily on chalkboards, textbooks, and printed notes

Traditional rote-based learning has given way to an outcome-based approach that emphasizes problem-solving, practical application, and innovation.

The integration of digital tools, virtual labs, and online resources has redefined how students learn, making education more accessible and dynamic.

The shift to outcome-based education (OBE) focuses on what students are expected to

achieve, focusing on measurable skills, practical applications, and real-world readiness. This approach prioritizes critical thinking, problem-solving, and lifelong learning by aligning curricula, assessments, and teaching methodologies with predefined learning outcomes.

The deep sense of purpose and fulfilment I derive from contributing to the growth and success of my students through my passion that is teaching-keeps me connected here for this long time.

The meaningful relationships I've built with students, colleagues, and the institute itself that make this journey both enriching and worth continuing.

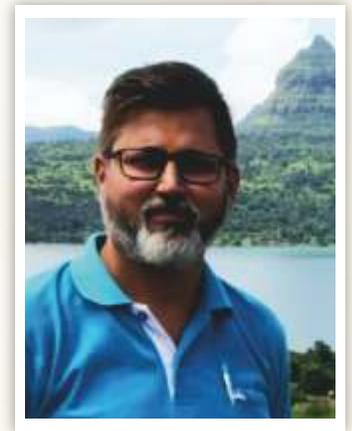
Regards,

Ms. Anjali Sakurkar

Assistant Professor,

Dept of Applied Science & Humanities

My journey at PCCOE has been incredible. We've grown from a few branches to eight, with around 5,000 students. Our placement programs have strengthened, and we're among the top-ranked colleges. We've improved industry collaborations, ensuring students are industry-ready. The biggest motivation is seeing students succeed. When they get placed in top companies or perform well in national competitions, it brings pride. Knowing our education makes a real difference in their lives is rewarding. One of my proudest moments was when our student teams excelled in BAJA, Robocon, and Supra. Another milestone was transitioning from a small institute to one of the top three ranked colleges. The difference is huge. Initially, we had minimal space and lower student strength. Now, we have state-of-the-art infrastructure and more courses. Discipline is key, and continuous industry collaboration is essential. We regularly update our syllabus to ensure students are well-prepared for their careers. As I look back, I realize that PCCOE's growth is not just about numbers or infrastructure - it's about the countless lives we've touched, the dreams we've nurtured, and the futures we've shaped. And that's what makes this journey truly meaningful.



Dr. Amit Panchwadkar

Associate Professor

Dept of Mechanical Engineering

The background is a vibrant watercolor wash in shades of blue, teal, yellow, pink, and purple. A thin white rectangular border is centered on the page, framing the text.

Sketches & Paintings

Sketches



VEDANT SARODE
FY



Sarang Kolekar
FY IT



Apoorv Arora
FY IT



Ruchita Ande
FY IT



GAURAV MAHALE
B.Tech Computer



GAURAV MAHALE
B.Tech Computer



Harsh Ulhas Gumdel
TY ENTC



VEDANT SARODE
FY



Harsh Ulhas Gumdel
TY ENTC



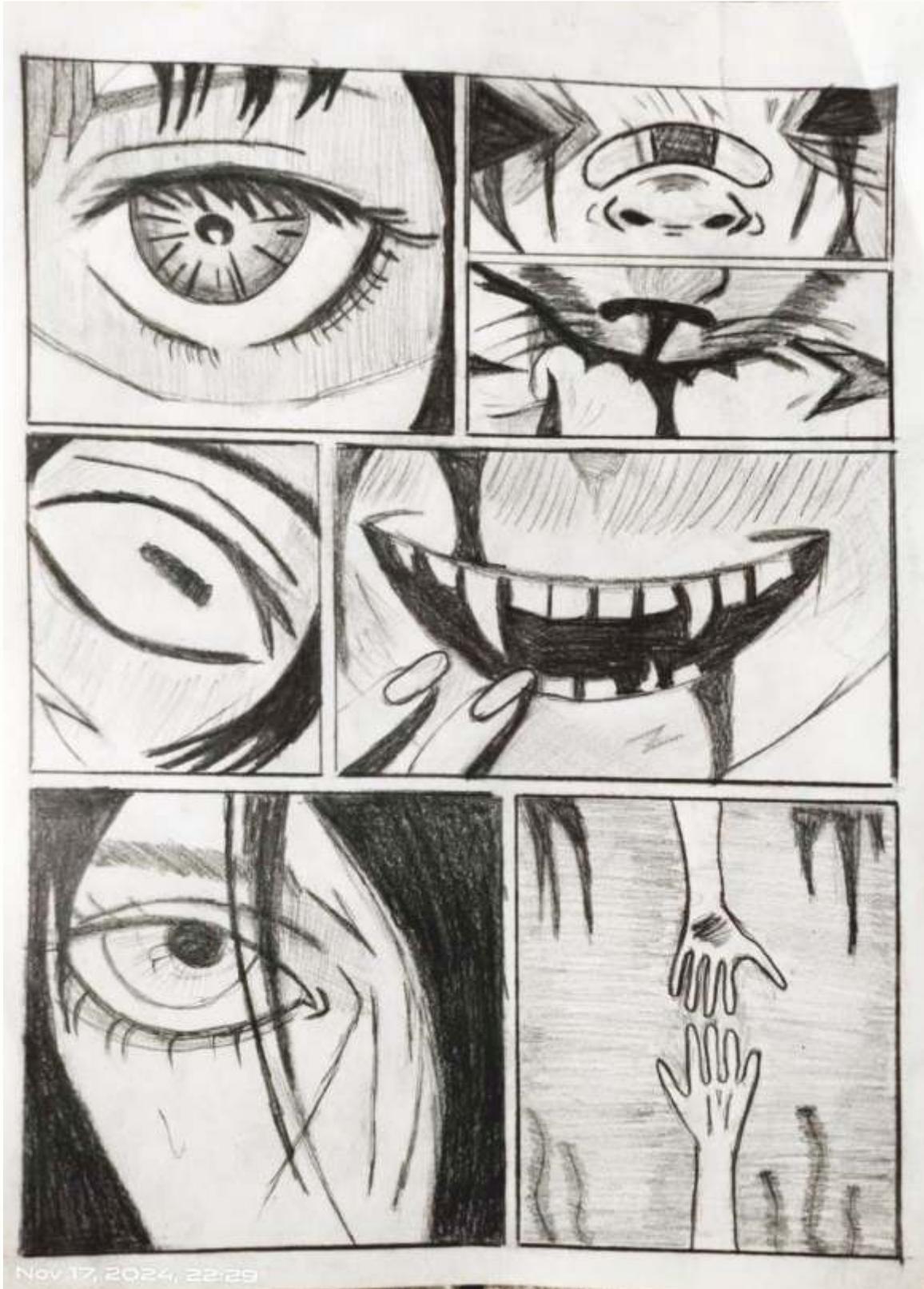
RUCHITA ANDE
FY IT



Apoorv Arora
FY IT



Shivam Khetan
SY Mechanical



Nov 17, 2024, 22:29

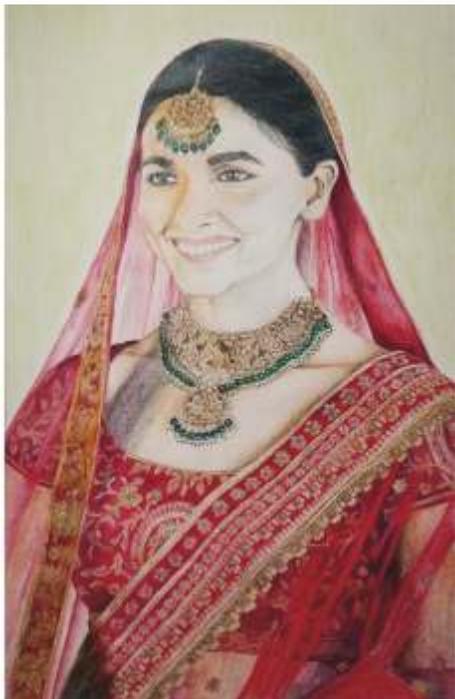
Aastha Chaudhari
FY IT



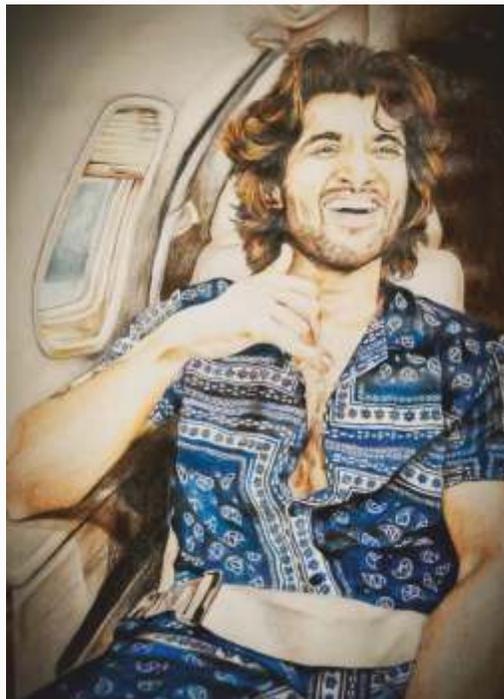
Shivam Khetan
SY Mechanical



GAURAV MAHALE
B.Tech Computer



Shivam Khetan
SY Mechanical

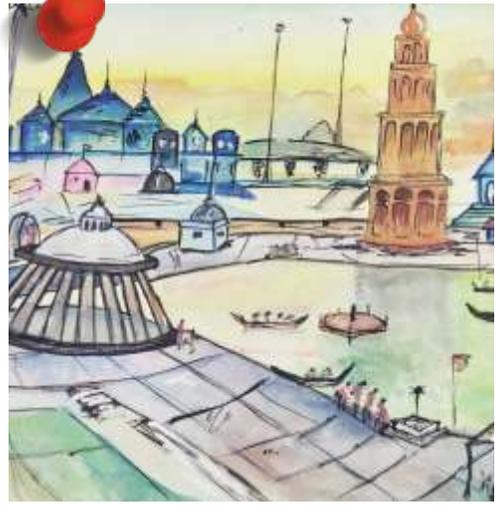


Shivam Khetan
SY Mechanical

Paintings



Harsh Ulhas Gumdel
TY ENT



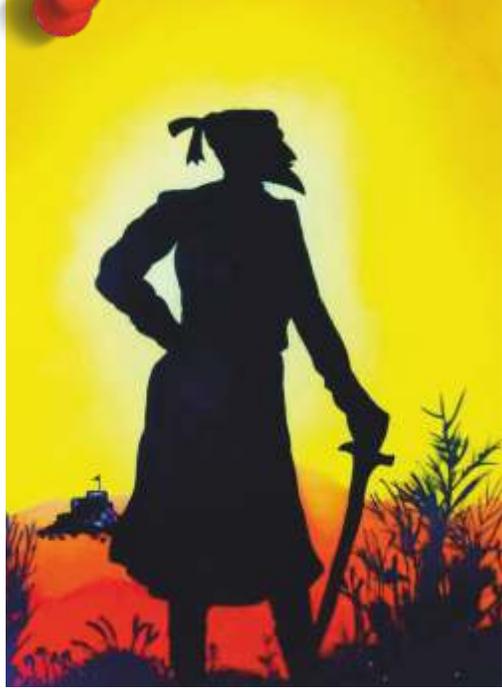
Prerana Gaikwad
FY Computer



DISHA KAMALASKAR
TY IT



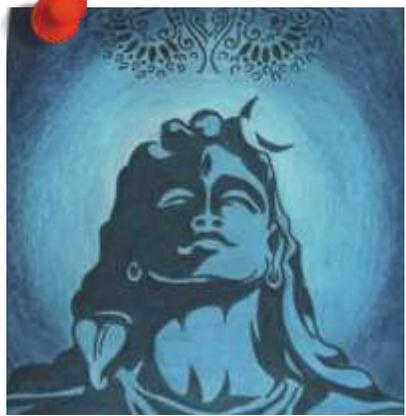
Sarang Kolekar
FY IT



Apoorv Arora
FY IT



Sarang Kolekar
FY IT



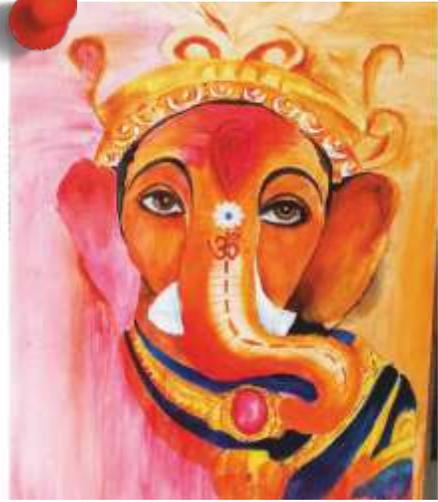
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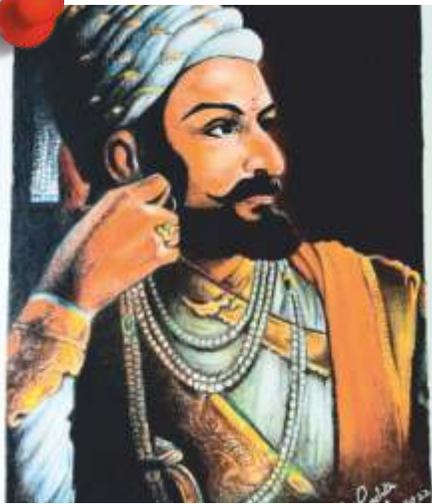
Sarang Kolekar
FY IT



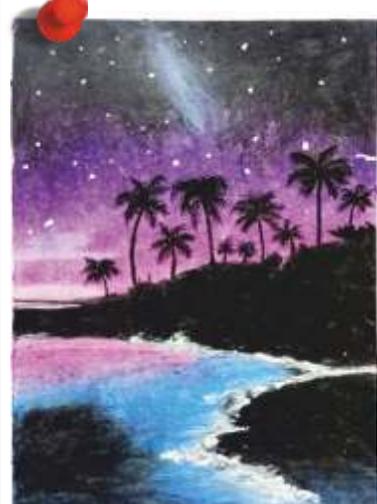
Apoorv Arora
FY IT



Kritika Chatterjee
FY ENTIC



RUCHITA ANDE
FY IT



Parth Bali
FY Computer

हिंदी विभाग



Mukul More & Kripa Rao



वक्त

वक्त ने वक्त निकालकर हमारे लिए मुश्किल होकर हमे कमजोर
करने की आड़ में मजबूत करने की ठानी है ..
हमे लगे की हमे हो रही हानी है ..
पर नही यही से शुरु वक्त की परीक्षा और पास होने
पर हमारी नई कहानी है ..
अब जब वक्त ने इतनी मेहनत हमारे खातिर की हैं,
तो आओ उसे सफल करें ...
एक साथ इस हिंदी वाले सफर में इंग्लिश वाला पिषषी करे ..
हारना चाहो या कोई हराना चाहे .. चाहने से नही होता ...
सपने हार मानने नही देंगे और जिद्द किसीको तुम्हे हारने नही देगी ...
टूटोगे,रोओगे.. शायद बिखर भी जाओ,
समेटो खुद को और आसमान छू जाओ....
याद रखना हारने के लिए नहीं,
सीखने के लिए शुरु किया था...
जीतने के लिये शुरु किया था..

खयाल कुछ अनकहे से

अकेला सा लगता है ना
खोया खोया सा जैसे
ज़िंदगी चल तो रही है
पर जीना रुक सा गया हो जैसे

घर छुटा, छुटे अपने
सिर्फ इस खातिर की काबिल बने इतने
की पूरे हो उनके सपने ..

लगता है ना कभी कभी
छुट रहा है कुछ
हार रहे है कहीं
पर कुछ समझने के लिए
कुछ पल रुके ज़िंदगी
ऐसा होता तो नहीं

क्या कर रहे है
यही था करना क्या?
खो जाते है खयालों में
जब याद आता है गुज़रा हुआ कल अपना

सवाल तो पीछा नहीं छोड़ेंगे ना
लेकिन सारे सवालों के जवाब में
क्या खर्च कर दे आने वाला कल अपना?

इतने सारे सवाल है , वींली है , खयाल है,
लगता है कभी कभी क्या इसी में हार है?
पर तू समझती क्यों नहीं
की इन्हीं सवालों से तो लडना है ..

जहाँ है, क्या वींही लीं है ?!
नहीं सोचना
बल्कीं वींही लीं बनाना है..
हार के बाद अब तो हर हाल में जीतना है

जीतना तेरे लिए लहरश्रशपसश नहीं,
तेरी आदत होगी
खुद को निकाल इन सवालों से,
ज़िंदगी इबादत होगी..

हाँ याद आएगी उन पलों की,
जब सब अच्छा था
जो है, उसे भी तो अच्छा बनाना है ना:

यह वक्त दोबारा नहीं आएगा
इसीलिए जान लगाकर मेहनत तो करनी है.
पर याद रखना खुशियों के पल ये भी तो
नहीं आते तो वो भी तो जीने है .

कर लेंगे यार इतने कमज़ोर नहीं है
सब झेलकर निखर जाएँगे
भरोसा कर ले खुद पर
हम जीत जाएँगे :

VAISHNAVI NIMSE



अहसास

उम्मीदों के लिए जज्बात जरूरी हैं।
अफसानों के लिए कुछ बात जरूरी है।
माना ज़िंदगी के राम भी भूले नहीं जाते,
पर ज़िन्दगी की खुशिया के,
अहसास भी जरूरी हैं।

Mukul M. More
TY Civil Department

जज़्बात

कुछ पल्ले ज़िंदगी के अब याद नहीं आते,
हमें अब बीते ज़माने याद नहीं आते,
जो बीत गई सो बात गई,
हमें अपने भूले जज़्बात
याद नहीं आते।

Mukul M. More
TY Civil Department

अक्सर वो शाम थोड़ी और लंबी होती...

प्यार तो सब करते हैं इसीलिए शिकायत भी
सबको होती है कभी प्यार करने वाले से,
और कभी प्यार करने के वक्त से ऐसी
एक शिकायत मेरी भी है..
हम चलते चलते रुक जाते,
मंज़िल भी दूर होती।
कदम गिनते गिनते थक जाते,
अगर वो शाम थोड़ी और लंबी होती।

कुछ कहे बिना जाने देते,
कुछ सुने बिना मान जाते।
शायरी में आज ये बात लिख देते,
अगर वो शाम थोड़ी और लंबी होती।

कुछ बातें राज़ हो जाती,
कुछ राज़ अफ़वाह बन जाती।
फिर वो गुलाकात आख़िरी नहीं होती,
अगर वो शाम थोड़ी और लंबी होती।

बरसात भी आ जाती,
गाने भी गुनगुनाते।
फिर आज ये शिकायत नहीं होती,
अगर वो शाम थोड़ी और लंबी होती।

पर इसका कोस में खुद को दूँ,
या फिर दुनिया को? ये दुनिया ऐसी ही है!
कोई पराया प्यार सिखा कर जाएगा,
तुम अपनों पर जान लुटाते रहोगे,
वो अजनबी गले लगा लेगा,
तुम अपनों का हाथ पकड़ते रहोगे,
सच्चे - झुटे सबके एक ही चेहरे है यहा..
शायद तुम भी खो जाओगे,
ये दुनिया ऐसी ही है!
आज सब पास है,
तुम खुशनसीब हो,
आज किसी से बिना पूछे बात समझ लोगे,
कल खुशी का सहारा हूँदोगे,
ये ऐसी ही दुनिया है!
समय की तुम्हें परवाह नहीं
अपना समय देने वालों की हैं
और ये समा भी तुम्हे भा रहा हैं
कल खुदा को समय बदलने के लिए कहोगे,
ये दुनिया ऐसी ही है!

Shrushti Sarode
TY Civil Deartment
Art Circle Secretary/ Member

Art work by
Harsh Ulhas Gumdel
TY E&TC

कैसे जीऊँ ऐ ज़िंदगी...

कैसे जीऊँ ऐ ज़िंदगी...
थोडा सा खुद को छुपा रहा हूँ,
थोडा सा खुद को दिखाने से डर रहा हूँ,
थोडा सा खुद मे खुद को समझ लेना भूल रहा हूँ,
जीवन की इस दौड़ में जीतना जान के भी हार रहा हूँ,
तुझे कैसे सहलाऊँ, कैसे बताऊँ, कैसे जिऊँ ऐ ज़िंदगी...

इस जीवन के जंगल में सबको खुश देखना चाहता हूँ,
सबकी खुशी शिकारी का शिकार ना बने इसीलिए वो ढाल बनने की कोशिश कर रहा हूँ,
पर हर बार उस जीतने की चाहत में खुद की कुर्बानी देकर खुद शिकार बन रहा हूँ,
दुसरो को अमृत पीला कर खुद विष पिकर तडप रहा हूँ,
तुझे कैसे समझूँ, कैसे सुलझाऊँ कैसे जीऊँ ऐ ज़िंदगी...

जिसमें खुशी मिले वो जानना चाहता हूँ,
जिसमें मेरा मन बस जाए उसे सुलझाना चाहता हूँ,
पर अपनों के खातिर वो सपने छुपा कर भुला रहा हूँ,
पर हर बार रंग भरते हुए चित्र को वो बारिश आके बहा ले जाते हुए देख भी रहा हूँ,
कैसे बहूँ, कैसे उठूँ, कैसे जीऊँ ऐ ज़िंदगी...

सबको उस दुःख, पीडा की बहती नदी में से बचा कर खुद डूबा चला जा रहा हूँ,
मुझे खुद से बचाने वाली, सहलाने वाली, एक ठंडक सी अहसास देने वाली वो छाव ढूँड रहा हूँ,
खुद को देखना भूला है मैंने तो खुद को जानने वाला आईना ढूँड रहा हूँ,
लड के मर गया हूँ पूरा, उस मरी हुई आत्मा को कंधा देने वाला ढूँड रहा हूँ,
समझ गया की ' तुझे जीने के लिए अभी खुद में वो खुद ही बचा नहीं ऐ ज़िंदगी...!'

Hsarsh Ulhas Gsumdel
TY ENTIC

Art work by
Anushka Bhoite
SY Mech

DEPARTMENT REPORTS



DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES

Year of Establishment: 2020



Dr Leena Sharma
Head of Department

"Wings already exist; all you have to do is fly"

As we celebrate the Silver Jubilee year of our institution, the theme "Udaan" perfectly embodies the spirit of transformation and limitless aspirations. The Department of Applied Sciences and Humanities takes immense pride in being the launchpad where students' dreams take flight, empowering them with the knowledge, values, and resilience to reach new heights.

For 25 years, we have nurtured bright minds, building a foundation of excellence that fuels innovation and growth. This milestone inspires us to continue our journey with renewed vigor, helping every student soar toward a brighter future. Here's to embracing challenges, chasing dreams, and creating a legacy of success.



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

- ◆ Serves as a bridge between technical education and the foundational knowledge necessary to understand and solve complex problems. Provides students with a strong grounding in both technical and humanistic perspectives by developing critical thinking, communication skills, and problem-solving abilities. Aims to instill ethical awareness and a sense of social responsibility.
- ◆ Departments often focus on cutting-edge research in applied sciences (e.g., nanotechnology, renewable energy) and humanities (e.g., digital communication, cultural studies), Prepares students for real-world challenges by emphasizing interpersonal skills, teamwork, and leadership abilities.
- ◆ Institute Social Responsibility (ISR) To nurture students as citizens with moral, ethical and social values so as to provide service to the society through activities and discharge their obligations towards the society.

Faculty Achievements

- ◆ Collaboration between industry and academic institutions is vital in today's education landscape. In this spirit, the department of AS & H signed a Memorandum of Understanding (MOU) with Arklite Speciality Pvt. Ltd. on 23 July 2024. Arklite is the only manufacturer in India producing UV lamps.
- ◆ ISR: Memorandum of Understanding (MoU) with NFBM Jagriti School for Blind Girls, Alandi.
- ◆ Dr. Nishi Gupta had the opportunity to Present a Paper on Demand of charging stations for EVs: An Optimized solution through machine learning algorithms in the ESTCON24, on FUTURE POSITIONING

THROUGH SUSTAINABLE ENERGY, DIGITALIZATION & SMART COMMUNITY, at Sabah International Convention Centre, Kota Kinabalu.

- ◆ Dr. S.K. Kale presented a research paper entitled “Smart Algae Bio-Panels: A Multifunctional Approach to Sustainable Energy and Carbon Capture” at an international conference AMSCA-2024 held at dept QUT, Australia during 25-27th September 2024.
- ◆ Dr. Falguni S. Bhavsar completed PhD, also registered copyright entitled “waterinsight”
- ◆ Dr. Priya P. Joshi registered patent entitled “Automatic door stopper”
- ◆ Dr. Leena Sharma received Ph.D. Co-Guideship in MIT-WPU, Pune (2024) and was appointed as external reviewer for Ph. D. at Ganpat University, Gujrat in 2024.

Student Achievements

- ◆ Sarang Kholekar div O got first prize for Lantern Making Competition in Art Circle PCCOE
- ◆ Pankaj Shelake M div got second place in Handball Matches in Pune District Zonal Sports Committee.
- ◆ Shivani Vibhute M div got 2nd prize for Liftoff Competition in team Anantam PCCoE.
- ◆ Palak Shinde M div got 2nd prize for Liftoff Competition Team Anantam PCCoE.
- ◆ Sarangsing Sudamsing Ingle I div won Gold Medal, Certificate in Urgent Run and Flea held by Ecosan Services.
- ◆ Omkar Gurav and Samiksha Kamble of I division won Bronze Medal and Gold Medal respectively and
- ◆ received a certificate in Urgent Run and Flea held by Ecosan Services.
- ◆ Aarti Chopade I div won Gold Medal, Certificate in Tug of War International Student Club, PCCOE, Harshita Patil H div Participated and won the MindShot Challenge in event MindShot AiMSA, PCCOE.
- ◆ Om Navin Shelke L div first Prize winner in men's doubles and second prize in first year student
- ◆ matches in Badminton matches held by MESA, PCCoE.
- ◆ Snehal Namdeo Madhure L div won first Prize in Tug of War held by International Student Club, PCCOE, Nigdi.
- ◆ Anniruddha Gaikwad L div won first prize in MindShot held by AiMSA, PCCOE.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&ML)

Year of Establishment: 2021



Dr. Anuradha Thakare
Head of Department

The CSE (AI&ML) program at PCCOE emphasizes "Less Teaching, More Learning!" It aims to create graduates skilled in AI&ML, 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, NLP, and computer vision. 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.



Vision

To provide value-based technical Education in Computer Science and Engineering with specialization in Artificial Intelligence and Machine Learning



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

- ◆ Development of "AI and Robotics Lab" under 5 years (April 2024- March 2029) MOU with "Muks Robotics AI Pvt. Ltd." Along with this 14 hardwares like 3D printers are also awarded to the lab.
- ◆ Establishment of "AIML Skill Enhancement Program" under 3 years (Aug 2023- July 2026) MOU with "Quantify Analytics Solution Pvt. Ltd." Under which mainly "Co teaching activity" & "Coding skill enhancement programs" are conducted..
- ◆ Development of "NVIDIA AI/DL Embedded Lab in association with "NVIDIA Graphics Pvt Ltd."
- ◆ A Baby Conference: AI-ML Pioneer Summit 2024
- ◆ Association with International Neural Network Society (INNS).

Faculty Achievements

- ◆ Dr. Santwana Gudadhe, Successfully defended PhD Viva Voce on 24/12/2024 from SPPU. Title of research: "An Intelligent approach for acute brain stroke analysis and delineation of stroke lesions."
- ◆ Prof. Pallavi Nikumbh (Dhade) Awarded with "Certificate of Appreciation trophy" for hard work and tireless efforts for holding GeeksforGeeks Chapter at Institute Level by GeeksforGeeks, Delhi
- ◆ Dr. Madhuri Pagale Successfully defended PhD Viva Voce on 14/11/2024 from DYPIU. Title of research: "Integrating Advanced Techniques to Enhance Driving Systems."

Student Achievements

- ◆ TY students Mr. Manthan Barhate (1st) and Mr. Soham Mhatre (2nd) excelled in the "DataQuest" event at Pulzion 24 (Oct 3-5, 2024), conducted by PICT ACM Student Chapter.
- ◆ Harsh Vahal TY BTech student completed Goethe-Zertifikat A1 (German certification) with a score of 93/100.
- ◆ Jivan Karande from final year won the State-Level Theatre Competition VINODOTTAM KARANDAK 2024 for "Marriage Academy" as writer and director.
- ◆ On Engineer's Day (19th September 2024), the Department of CSE (AI & ML) hosted events:
- ◆ FixFrenzy: Mr. Abhishek Gangurde, Mr. Anish Patade, and Mr. Pranav Ukhade TY students secured 2nd place.
- ◆ Mindshot: Pranav Ukhade & Team from TY won for the theme "Lack of Urban Planning & Limited Law Enforcement Leads to Higher Crime Rates", and Shriniwas Kulkarni & Team for "Fair Distribution of Government Subsidies."

Sr.No	Name of Student	Achievement Name	Description	Forum/College Name
1	Swetank Raut	1st Runner-up in debate competition	The certificate of Kirloskar Vasundhara International Film Festival	Vansudhara International Film Festival
2	Saniya Thigale	2nd Place in intra-collegiate triple jump, 3rd Place in intra-collegiate long jump	The certificate of Pune District Zonal Sports Committee	Annasaheb Waghire College
3	Bhavesh Pagare	2nd Rank in Astrophotography Competition	Certificate of Appreciation by team Anantam	PCCOE
4	Ganesh Gaikwad, Atharva Kamtalwar, Pankaj More	AIML head GDGC, ISTE Coordinator	Head Position at Google Developer Student Club & Coordinator at ISTE Chapter	PCCOE
5	Darshan Nair	All India Rank 1 (Technical Presentation) in SAE DDC 2024	AIR 1	

Academic Results

Sr No.	Class	23-24 Sem II		24-25 Sem I	
		% Result	No of Distinction	% Result	No of Distinction
1	SY B.Tech	89.74	28/76	93.42	33/76
2	TY B.Tech	97.1	46/69	93.42	30/76
3	Final Year B Tech	NA	NA	97.1	52/76

DEPARTMENT OF COMPUTER ENGINEERING

Year of Establishment: 2001



Dr. Sonali Patil
Head of Department

The Computer Engineering Department at PCCoE is dedicated to delivering high-quality education, fostering innovation, and preparing students to excel in the dynamic field of technology. Our vision is to become a premier department by excelling in academics and research to create globally competent and ethical professionals. With strengths in outstanding academics, impressive placements, advanced infrastructure, and a dedicated faculty, we provide students with opportunities in research, industrial training, and skill-building. Our student-centric approach focuses on nurturing creativity, ethical values, and holistic development, shaping individuals ready to contribute to 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

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

Salient Features

- ◆ All labs are well-equipped.
- ◆ Experienced and highly qualified team of faculty members with 20 Ph.Ds and 23 Ph.Ds pursuing with average Faculty Experience : 15 Years
- ◆ Excellent faculty retention Disciplined and Effective implementation of all academic processes through the PDCA approach with ISO 21001:2018
- ◆ Contemporary syllabus with a special focus on Emerging areas like Deep Learning , Cyber Security, Full Stack Web Development , etc.
- ◆ Active Computer Engineering Student Association (CESA) with various clubs like ACM, ACM-W, OWASP, GDGC which provides a dynamic platform for students to engage in technical, cultural, and social activities, fostering leadership, teamwork, and professional growth.

Publications

- ◆ Published 55+ research papers in reputed journals, including SCIE, Scopus, and Q1-rated
- ◆ Total Conference papers published- 11
- ◆ Total Book Chapters published- 11

Patents and Copyrights

- ◆ Mrs. Chaya Nayak & Dr. Aparna Joshi granted a patent for Depression Detection Device, with Design grant no. 402926-001 on 22/12/2023. The official date of issue for this patent is 21/02/2024.
- ◆ Dr. Madhura Kalbhor & Dr. Swati Shinde granted a patent for A device for diagnosis of cervical cancer, with Design grant no.395137-001 on 14/09/2023. The official date of issue for this patent is 09/02/2024.
- ◆ Dr. K.Rajeswari granted a patent for Autonomous Agribot for Weeding Purpose , with Utility grant no.202321032646 on 15/09/2023. The official date of issue for this patent is 23/07/2024.
- ◆ Copyright registered on “Secure and transparent voting system: integrating haar algorithm for face recognition “Diary No 2055/2024-CO/L.

Faculty Achievements

- ◆ Mr. Rahul Pitale is selected as a 'Member' of the ACM India Membership and Chapter Committee headed by Prof. Yogesh Simmhan (USc Bangalore) and Maria Choudhary (Oracle Goa), and includes several esteemed Industry Professionals and renowned Academicians.
- ◆ Mr. Ketan Desale conducted an expert session on “Basics of 8086 Programming” for Second Year IT students at PCCOE College.
- ◆ Mr. Ketan Desale delivered an expert lecture on “ AI in marketing at the Central Institute of Road Transport”, part of a training program on sustainable public transport..
- ◆ Dr. Prashant Nair's ESP session on AI, ML, and Data Science, organized by Team CESA and PCCoE ACM Student Chapter, was a great success with support from Dr. K. Rajeswari and Prof. Rahul Pitale.

Students Achievements

- ◆ Team Anurved of TY students Ashish Suryawanshi, Siddhesh Patil, Prasad Mahankal, Payal Pawar, Pranav Patil won the Smart India Hackathon at IIT Gandhinagar in the software domain.
- ◆ Naveen Hugar achieved the remarkable feat of becoming a pilot in the Indian Navy.
- ◆ Parinitha Samaga earned the prestigious NPTEL Discipline Star title for July–December 2024.
- ◆ Ayush Patil, a second-year student, has been selected as the GeeksforGeeks Campus Ambassador to enhance coding culture at PCCoE.
- ◆ Advaya Londhe, Vishwas Kude, Omkar Kudke, and Onkar Kundaram have patented the innovative Automatic Door Stopper under the guidance of Dr. Priya Joshi .
- ◆ Saisha Chaudhary has been selected to attend the prestigious CODS-COMAD 2024 Conference.
- ◆ Sports achievements: Boys' team secured 3rd place in the Inter-Collegiate Table Tennis Competition and 2 girls and 1 boy selected for the Pune District Team in the upcoming Inter-Zonal Competition.
- ◆ Chaitanya Kshirsagar, Rudraksh Jejurikar, Anushka Lahare, and Siddhi Shirsath, triumphed at the Bhartiya Antriksh Hackathon by ISRO, winning the 30-hour grand finale at ISRO-NRSC with their innovative "Voice-Based GUI System".
- ◆ Our Department hosted the ACM India Summer School 2024 on Compilers for AI/ML Programs, with expert-led sessions from IITs, IISc, and industry leaders.
- ◆ TY student Sankarsh Shelk secured Gold medal at the Krida Mahotsav Inter-University Chess Competition.
- ◆ ACM Student Chapter has been named the Best ACM Student Chapter of the Year at the ACM Annual Event in Bhubaneswar, Odisha.
- ◆ Prestigious internships: Parikshit Biradar is interning at Scriptanalytica, showcasing programming skills, while Moreshwar Mahale excels in data security at Softech Data Security Pvt. Ltd. Anil Pawar demonstrates global expertise with dual internships at Spandan Technologies Pvt. Ltd and Kimaya Technologies LLC, USA.
- ◆ Sakshi Kulkarni, a final-year B.Tech student has secured an internship at Amazon.

Academic Result

Sr. No.	Class	% Result
1	SY B.Tech (24-25) Sem I	86.23 %
2	TY B.Tech (24-25) Sem I	98.96 %
3	Final Year B.Tech (24-25) Sem I	99.66 %

DEPARTMENT OF COMPUTER ENGINEERING (REGIONAL LANGUAGE)

Year of Establishment: 2024



Dr. Rachana Patil
Head of Department

“Empowering Innovation Through Learning in Mother Tongue”

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.

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

- To educate students on cutting-edge technologies, fostering problem-solving capabilities, and teamwork skills through a contemporary curriculum, without language barriers.
- To foster innovative thinking and collaborative research through a state-of-the-art computing environment.
- 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.
- ◆ 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 Patil delivered an Invited talk on "Cyber Hygiene: Best Practices for a Secure Online Existence" at the Department of MCA on 13th of March 2024.
- ◆ Dr. Rachana Patil delivered a guest session on "Cyber crime and cyber security" at Maratha Vidya Prasarak Samaj's Karmaveer Baburao Ganpatrao Thakare College of Engineering, Nashik on 8th November 2024.
- ◆ Dr. Sujata Kolhe delivered a guest session on the topic "Reinforced and Deep Learning With detailed case study" in the one-week STTP on "Applications of AI-ML-DL in Product Life Cycle Design and Management" organized by D.J.Sanghvi College of Engineering, Vile-Parle (West) Mumbai-400056 between July 22-26, 2024.
- ◆ Minal Shahakar was awarded with Best Paper in for 6th IEEE International Conference on Emerging Smart Computing & Informatics (ESCI 2024) organized by All India Shri Shivaji Memorial Society's INSTITUTE OF INFORMATION TECHNOLOGY, Pune on 7th March 2024.
- ◆ Minal Shahakar has successfully contributed as a co-author to the book chapter titled "Introduction to Data-Driven Intelligent Systems", featured in the book "Data-Driven Systems and Intelligent Applications" published in 2024 by CRC Press, Taylor & Francis, spans pages 1–18 and highlights innovative insights into data-driven intelligent systems.

Student Achievements

- ◆ Sarthak Nimje, Om Baviskar, and Rushab Taneja, Won 1st Rank at Web3SSH by IIIT Bangalore (Web3 Hackathon) Prize : \$100 + GFG 1year Subscription.
- ◆ Sarthak Nimje, Om Baviskar and Rushab Taneja, Won 2nd Rank at CrossFI International Hackathon Prize: \$21000 worth of token which can be staked + \$2500 (covalent API credits) INR : 18 lakh approx.
- ◆ Sarthak Nimje, Om Baviskar, and Rushab Taneja, Received \$13000 Funding for CrossFI Project to deploy it on mainnet and expand it.
- ◆ Prasad Padmakar Joshi, Aadit Kisanrao Palande, Aditya Atul Kode, Devashish Sanjay Gaikwad from Final Year B.tech, were awarded for a paper presentation on the topic LifeChain: Organ Donation and Transplantation System using Blockchain at the International Conference on Innovations in Cybersecurity and Data Science (ICICDS-2024), held at School of Computer Science and Engineering, REVA University, Bengaluru, India from 15th to 16th March.
- ◆ Tejas Parkar, SY B.Tech has successfully cracked the Japanese Language proficiency test at Level N5 held on 7th July 2024 organized jointly by Japan Foundation and Japan Educational Exchanges & Services.
- ◆ Anuj Ahire secured 1st Position in the Valorant Tournament held on 13/1/24, Organised by SCIT (Symbiosis Centre for Information Technology) GRAFFITI event.

DEPARTMENT OF CIVIL ENGINEERING

Year of Establishment: 2012



Dr. Ajay Gaikwad
Head of Department

As the Head of the Department, I am proud to lead a team dedicated to shaping the future of civil engineering. We believe in empowering our students with a well-rounded education, blending cutting-edge knowledge with practical skills to meet the dynamic needs of the industry. Our curriculum, crafted with a focus on contemporary trends, market requirements, and flexibility, ensures that students are prepared to excel in a competitive world. With a

team of highly qualified faculty, we are committed to nurturing adaptable, innovative engineers who will contribute meaningfully to society and the built environment.



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

- ◆ Dr. A.K. Gaikwad and Dr. D.S. Lal received funding of Rs. 3,45,000/- from ProCON for designing Light Weight Concrete with Sintered aggregates in Association with PCERF.
- ◆ Dr. Sandip T. Mali received Heartfelt Gratitude from the Ecosan Services Foundation, Pune, for Supporting, Volunteering, and Participating in Urgent Run & Flea 2024, also received a Certificate of Appreciation in recognition of his contribution as a Reviewer towards the successful conduct of the International Conference on Sustainable Materials, Environment, and Technologies Under Climate Change Scenario (SMET-2024) at NIT Kurukshetra, Haryana, India.
- ◆ Dr. Sandip T. Mali has participated and mentored – Team Heli-o-sphere at the WeATher and Climate Hackathon (WATCH) jointly organized by the Bronx Community College of the City University of New York, the U.S. Consulate Hyderabad and the U.S. Consulate Mumbai at the Kalinga ISS campus in Bhubaneshwar, Odisha.

Student Achievements

- ◆ T.Y. B-tech Civil students Varun Bhangale, Pritesh Jamdade, and Chaitnya Padghan won 3rd Prize at 'University Challenge India 2024' International Fair for Environmental Technologies (IFAT) India 2024.
- ◆ S.Y. B-tech Civil, Yashraj Tambe and Kedar Malbhage, secured 1st prize in Project Expo: (Model) held under BUILD-NEXT with their outstanding creativity in model making.
- ◆ Final Year B-tech Civil student, Ms. Vijaya Ghatol, secured 1st position in poster making competition organized under Civispark at 19th AISSMS Engineering Toda, organized by AISSMS College of Engineering Pune.
- ◆ T.Y. B-tech Civil student, Omkar Shevkari, won 1st Prize in TAKESHI's CASTLE held by the Mechanical Engineering Students Association (MESA) 2024.
- ◆ Ms. Gayatri P. Deore, PG CM student received the best paper award for 'Development of Framework with a Circular Economic Approach for Sustainable Construction and Demolition Waste Management for Residential Building' organized by Genba Sopanroa Moze CoE, Pune.
- ◆ Rushikesh Nikude was awarded for Pune Construction Engineering Research Foundation (PCERF), PCERF B.G. Shirke Vidyarthi Awards 2023.
- ◆ Varun Desai, Aditya Tatiya, and Mrunal Shedge secured 1st prize in the Knight Manager competition in the Graffiti Event organized by Symbiosis Centre for Information Technology (SCIT).
- ◆ Ms. Pradnya Agalewon 1st Prize at an event entitled Theme Event- Sustainable Engineering at Sinhgad Techtonic 2024.
- ◆ Ms. Siddhi Kadam secured University Rank 1, Mr. Avishkar Doke secured University Rank 7, Ms. Siddhi Pampattiwari and Ms. Sanjivani Sankpal secured University Rank 8, among all Engineering students of Savitribai Phule University in academic year 2022-23

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

Year of Establishment: 1999



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 in two shifts with approved intake of 120 for Regular shift and 60 for second shift. We have also started postgraduate course in VLSI and Embedded Systems with the intake of 18. The 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

Faculty Achievements

- ◆ Under the guidance of Dr. N. B. Chopade Six research scholars has awarded Ph D Degree from Savitribai Phule Pune University, Pune.
- ◆ Dr. S. U. Bhandari organized ATAL-FDP On “Emerging trends in Semiconductors” in Jan 2024 Grant Rs. 3,50,000/-, Funding Agency: AICTE
- ◆ Dr. M. T. Kolte nominated as Board Member of SAE INDIA Western Section (SAEIWS) Electronics Board from Society of Automobile Engineers.
- ◆ Dr. Rajani P. K received the Women in Engineering of the Year Award 2024 by the IEEE Pune Section.
- ◆ Dr. V.S. Bendre received Summer Faculty Research Fellowship under continual education Program, organized by Department of Electrical Engineering, IIT Delhi (3 June 2024 - 12 July 2024).
- ◆ Dr. D. S. Khurge was Certified by DAAD (German Academic Exchange) DIES ProGRANT Proposal Writing for Research Grants by University of Cologne, Focusing on Practical-Oriented Training for New Researchers in India 2023.

Student Achievements

- ◆ Vibhav J. Dalvi (Final Year,B.Tech E&TC) is selected as Student Section Representative (SSR) in IEEE Pune Section Student activities Committee 2024
- ◆ Pradeep Saptasagar (T.Y. B.Tech E&TC) is selected as Team Lead (Member Relations Team) in IEEE Pune Section Student activities Committee 2024
- ◆ IEEE SPS Student Branch Chapter, PCCoE received Membership Growth reward of \$250 in Aug 2024
- ◆ Two student teams of E&TC Dept. Team Nexus and Team VibeCheck under the mentorship of IEEE SPS faculty coordinator, Mrs. Ashwini S. Shinde got shortlisted for Stage II of Edge AI Innovation Challenge in July 2024 and their prototype idea is well appreciated
- ◆ Electronics and Telecommunication Student Association (ETSA) , IEEE SPS Student Chapter and (ISF)IETE-Student Forum , PCCoE has organized “AUTOEXPO” on 12 th December and an exciting techfest event “FestX 3.0” on 18th and 19th December.
- ◆ ETSA organised Student led paper presentation conference “ABHIYANTRIX” successively for two years 2023 and 2024
- ◆ Tushar Alande and Darshan Tajane of Final Year(E&Tc) are Student Editor of Department Technical Magazine ETSA Connect 23-24

Academic Result

AY 2023-24 SEM II

Sr No	Class	%Result	No of Distinction
1.	SY	70.48	54.62
2.	TY	90.64	83.75
3.	BE	98.64	97.29

AY 2024-25 SEM I

Sr No	Class	%Result	No of Distinction
1.	SY	74.89	63.87
2.	TY	74.89	56.7
3.	BE	89.66	85.71

DEPARTMENT OF INFORMATION TECHNOLOGY

Year of Establishment: 2001



Dr. Jayashree V. 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 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.
- 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
- ◆ Cutting edge computer labs and classrooms equipped with teaching aids and computing capabilities
- ◆ Excellent placement records in core and MNCs
- ◆ Active IEEE student branch, MLSC student branch and GDGC student branch
- ◆ Centre of Excellence in IoT, DevOps
- ◆ Specialized ARVR lab
- ◆ INNOVEDA: Baby conference by students
- ◆ International Internships and product development grants for students

Research & Development

- ◆ Published 84+ research papers in reputed journals, conferences, book chapters, on cutting-edge topics like blockchain, IoT, AI and ML.
- ◆ Dr. Jayashree Katti: received Indian patent grant for verifying authenticity using QR codes (App No. 202221028429, 21/11/2024).

- ◆ Dr. Rajesh Phursule received Indian patent grant for 2 patents named as “Layout Marking Vehicle” and “System and Method for Marking Layout Coordinates on a geographic area”
- ◆ Best Paper Award at 8th IEEE ICCUBEA-2024 for the paper “Detecting Plant Diseases Utilizing a Convolution Neural Network and Transfer Learning Methodology” by Dr. Gulbakshee Dharmale, Mrs. Babita Sonare, and Prashant P.
- ◆ Best Paper Award at ICA2M2TES-2024 for “4HAN: A Novel Hypergraph-Based Hierarchical Attention Network for Fake News Detection” by Mrs. Alpana A. Borse.
- ◆ Dr. Roshani Raut: Two edited books on “Computational Approaches in Biotechnology and Bioinformatics” ISBN 9781032406107, Computational Approaches in Biomaterials and Biomedical Engineering Application, 9781032699882, Publisher: CRC Taylor and Francis, Scopus indexed
- ◆ Dr. Roshani Raut received Indian patent granted on “An Artificial Intelligence Enabled Robot For Home Assistance” 202221056358, 29th March 2024
- ◆ Dr. Roshani Raut: Registered copyright for “Project Flowchart and Comparative Study” (Diary No. 13374/2024-CO/L, 27/04/2024).

Key Awards and Recognitions:

- ◆ Dr. Rohini Pise awarded with Ph.D. from SPPU
- ◆ Dr. Jaya Dewan got the recognition as Ph.D. guide from SPPU
- ◆ Dr. Ashvini ladekar received IEEE Branch Counselor award

Faculty Achievements

- ◆ 8 faculties of department presented research paper in ESTCON conference, Malaysia
- ◆ Mrs. Babita Sonare & Ms. Tanuja Sali: Received an ASPIRE Research Grant of Rs. 1,24,000 from SPPU, Pune.
- ◆ Dr. Jaya Dewan received ASPIRE research mentorship grant of Rs. 300000/- from Savitribai Phule Pune University as Co-PI

Student Achievements

- ◆ Ishan Toraskar: Won the Best Pensmith Award and was recognized as one of the top 100 national writers of India.
- ◆ Suraj Jha Placed at Uber with a package of 60 LPA and Vedang Dadape placed at Uber with a package of 53 LPA.
- ◆ Suraj Jha received Best outgoing student award at institute
- ◆ Rakshit Jain: Received the Outstanding Student Volunteer Award from the IEEE India Council.
- ◆ Laxman Babu: Received the Outstanding Volunteer Award from the IEEE India Council.
- ◆ Om Navin Shelke (SY B.Tech) is the winner(Intercollegiate Badminton competition Pune district at Zonal Level)
- ◆ Pawan Patil (TY B.Tech) winner of the Smart India Hackathon received a grant of Rs.1 lakh prize.
- ◆ Aryaan Madhani (B.Tech) has received the Best Paper Award at the International Conference on Green Energy, Computing, and Intelligent Technology.
- ◆ Disha Kamalaskar (TY B.Tech) received the IEEE Outstanding Student Volunteer Award at Pune Section 2024.
- ◆ Naisha Barhate and Harshal Kinjale achieved the 1st rank in the PCCOE Marathon.

Academic Result

Sr No	Year	%Result
1.	Second Year B. Tech	98.72%
2.	Third Year B. Tech	100%
3.	Final Year B. Tech	100%

DEPARTMENT OF MECHANICAL ENGINEERING

Year of Establishment: 1999



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. 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. Department clearly articulated program outcomes and actively implemented initiatives to achieve these objectives. By combining rigorous theoretical instruction with practical, hands-on experience, 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 cohesive learning environment and develop matching ecosystem.
- Cultivate excellent work ethics and 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
- ◆ Research and Innovation
- ◆ World's first 3D Experience Global Certification Center

Faculty Achievements

- ◆ Total No. of publications: 60
- ◆ Conference proceeding: 07
- ◆ Book Chapter: 12
- ◆ No. of patents: 05
- ◆ No. of Copyrights: 06
- ◆ No. of workshop/FDP attended: 80
- ◆ Guest lectures delivered: 08
- ◆ NPTEL courses: 05
- ◆ Institute seed funding received: Rs. 7,88,690/-
- ◆ Other funding received: Rs. 3,80,000/-
- ◆ No. of MOU's: 06

Student Achievements

- ◆ Kaivalya Gadekar has presented research paper on, “Integration of lean Manufacturing system with Novel intuitive fuzzy syncretic lean framework to improve overall equipment effectiveness” in i-MACE 2024.
- ◆ Kaivalya Gadekar patent published entitled, “Compass rounder with scale”, Design No. 422624-001
- ◆ Tanishq, Vaishnavi, Varsha, Vinayak and Mentor Dr. C.L. Ladekar is selected for Latrob Australia grand challenge and received 300 AUD\$.
- ◆ Dr. N. Vivekanandan, Om Kulkarni, Sameer Patil, and Sanket Patil for patent granted entitled, “Autonomous Agribot for Weeding Purpose”, on 23rd July 2024.
- ◆ 16 students from SY Mech. presented 4 review articles in 2nd International conference on Recent advances in Fluid Mechanics and Nano-electronics from 10th to 12th July 2024.
- ◆ Mr. Vishwajit Patil, Mr. Ramesh Rathod, Mr. Shreyash Venturlekar, and Mr. Vishwanath Swami, final-year B.Tech Mechanical students, along with Mr. Nilesh V. Gaikwad and Dr. Narendra R. Deore, have been awarded a research grant of ₹50,000 under the SRPG UG scheme, sponsored by ISHRAE.
- ◆ Mr. Ajay Bhujbal, a distinguished alumnus of the 2018 batch, has achieved the remarkable feat of securing AIR 2 and earning the esteemed position of Scientist SC in RAC at ISRO
- ◆ Vijay Sawant from Mechanical Engg. Dept., representing PCCoE, became the youngest presenter at the prestigious World Water Forum in Bali, Indonesia. The event, held from May 18-25, 2024, attracted more than 64,000 attendees from 160 countries, including global leaders from Europe and the Global South, as well as policymakers and industry figures like Tesla CEO Elon Musk
- ◆ Shubham Aher from PCCoE Mechanical Engineering presented his poster on internship research work, “Materials Science and the Rheology of Soft Condensed Matter,” at the prestigious International Conference CompFlu-2024, Organized by IIT Hyderabad. In collaboration with CSIR-NCL (Govt. of India), his work highlighted experimental, theoretical, and simulation advancements in soft matter.
- ◆ Vinit Potfode, representing PCCoE, successfully completed the Technical AIML Course from IIT Bombay on October 27, 2024. During his journey, he had the unique opportunity to interact with CEOs of various tech startups and virtually connect with IAS officer Srushti Deshmukh, gaining in valuable insights into cutting edge technologies and leadership.
- ◆ Shubham Gangurde, a B.Tech Mechanical Engineering student at PCCoE, has participated at National level and has been selected to represent PCCoE in collaboration with Savitribai Phule Pune University (SPPU) in the Archery team for the upcoming All India Inter-University Archery Competition. from 24th to 27th December 2024.
- ◆ A Student team of PCCoE Mech has participated in University level Research for UG at “AAVISHKAR-2024-25” Research Competition, Under Agriculture and Animal Husbandary category, held at Savitribai Phule Pune University on 15/12/2024.

Academic Results

Sr No.	Class	23-24 Sem II		24-25 Sem I	
		% Result	No of Distinction	% Result	No of Distinction
1	SY B.Tech	68.14	43	84.27	64
2	TY B.Tech	74.64	54	75.23	39
3	Final Year B Tech	96.77	121	94.76	62

DEPARTMENT OF MULTIDISCIPLINARY STUDIES

Year of Establishment: 2024



Dr. Sanjivani Sonar

Head of Department

The Department of Multidisciplinary Studies (MDS) is a vibrant and dynamic community that encourages students to explore the myriad opportunities offered by Multidisciplinary Minor (MDM) Programs. These programs are designed to provide students with a holistic education, blending engineering with diverse fields such as the arts, humanities, social sciences, and more.

In alignment with the Indian National Education Policy (NEP) 2020, the MDM programs aim to enhance students' critical thinking, creativity, and problem-solving skills, preparing them to excel in a rapidly evolving global landscape. By engaging in multidisciplinary learning, students will develop a well-rounded perspective, fostering innovation and collaboration.

Salient Features

- ◆ By embodying the principles of NEP 2020, PCCOE's MDM programs provide a transformative educational experience, emphasizing a holistic, flexible, and multidisciplinary approach, empowering students to lead and excel in a rapidly evolving world.
- ◆ These programs provide engineering students with the opportunity to explore diverse fields beyond their core engineering disciplines, promoting critical thinking, creativity, and problem-solving skills.
- ◆ Designed to create well-rounded individuals, the MDM programs equip students with knowledge and skills from various domains, preparing them to address complex, real-world challenges comprehensively.
- ◆ In today's globalized world, the MDM programs also help students develop cultural awareness and adaptability, essential for thriving in diverse, international settings.

Events Organized under department of MDS:

- ◆ As PCCOE is celebrating 25 years of academic excellence. As part of this celebration, a lecture series on the Indian Knowledge System has been organized. The first lecture in this series, Well-being as a Foundation for Technical Excellence, was delivered by Prof. Aashish Pandey from IIT Bombay on November 13, 2024.
- ◆ The dept of MDS and AS&H organized a Mini Conference on Universal Human Values on October 26, 2024, for the second-year students. Dr. Aprajita Singh, the UHV Western Regional Coordinator, presided over the conference alongside Mr. Mahesh Jadhav, the UHV Central Team Coordinator. A total of 40 papers were presented during the conference.
- ◆ On 23rd October 2024, a thought-provoking session: "My Journey with English Literature" was hosted as a part of its multidisciplinary English Literature program. The session was graced by Dr. Govind N. Kulkarni, Director of PCCOE. He shared his profound experiences with literature, highlighting its transformative power. The event aimed to inspire students to explore the richness of literature, transcending academic boundaries, and to ignite their passion for lifelong learning.

DEPARTMENT OF MASTER OF COMPUTER APPLICATION

Year of Establishment: 2007



Dr. Ashvini Ladekar
Head of Department

My vision is to give recognition to PCCoE MCA Department as a leading post graduate program in the State and beyond. The major goal of the Masters in Computer Application (M.C.A.) degree is to give the nation a steady supply of the knowledge, abilities, and foundation needed to pursue a variety of fulfilling occupations in the quickly growing field of information technology management.

Our department is well equipped with an excellent infrastructure that includes sophisticated laboratories, classrooms, library information center, widespread sports, and physical fitness establishments, excellent technical, cultural, literary, and many more clubs, good domain expertise faculty, very good placement record, and regular organization of workshops, seminars on new technology trends. The MCA curriculum is designed based as per New Education Policy 2020 (NEP 2020) credit framework guidelines that impart high value-based technical education among the post graduate students with a complete blend of academia and industry collaboration for content delivery.

The Department of MCA strives to provide the best opportunities to our students, not only to make them tech-savvy but also to make them better human beings who are going to be an inspiration for future generations. We as a team rededicate ourselves to take the department to further heights of success and glory



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

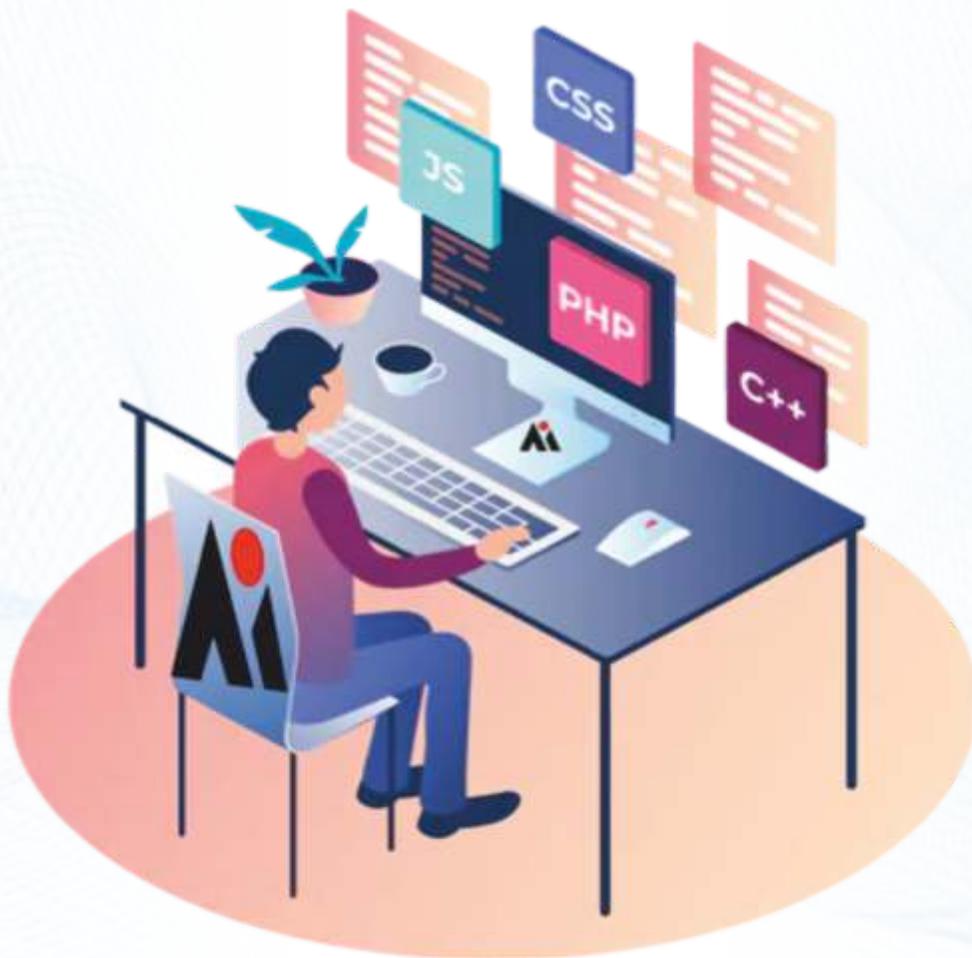
- ◆ The curriculum provides multiple career paths such as Software Development, Software Testing, Network Security, and Data Science for the students to choose from Choice-based, Credit-based, Skill-based curriculum (NEP 2020 Aligned).
- ◆ The proper inclusion of Project-based, Problem-based and Activity-based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

Faculty Achievements

Mr. Rajkamal Sangole has received Best Paper Award for the research paper titled as “A detailed study on an analysis of core competencies and employment patterns in the Information Technology in International Conference on Engineering Issues in Business and Technology- Industry 5.0 Connect organized by Brainware University Kolkata, 20th & 21st September 2024.

Student Achievements

Vishal Patole and Swayam Shinde got selected for Zonal Level SPPU Research Project Competition Avishkar in PG Category with the research project titled as SwastyaSanket-identifying pre-symptoms of diseases using Smartwatch.



DEPARTMENT OF VOCATIONAL COURSES (B. VOC.)

Year of Establishment: 2021



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

Faculty Achievements

- ◆ Dr. U.G. Potdar has been appointed as a member of Physical Sciences, Engineering and Architecture, Vocational Adhoc Board of Studies, Savitribai Phule Pune University.
- ◆ Dr. P.V. Sontakke has been awarded Doctor of Philosophy degree in Subject Electronics and Telecommunication Engineering from Savitribai Phule Pune University.
- ◆ Dr. M.U. Madgule has presented 06 research articles in peer reviewed journals, one article in internal conference and attended 04 one week faculty development programs.
- ◆ Dr. R.B. Bhosale has presented one research articles in peer reviewed journals, one article in internal conference and attended 10 faculty development programs. He received NPTEL course certification with Elite Silver medal. He also worked as a reviewer in 03 international conferences.
- ◆ Mr. G.G. Momin has published two copyrights
- ◆ Mr. S.S. Shinde has participated University level research project Competition 'AVISHKAR - 2024-25' at Savitribai Phule Pune University

Student Achievements

- ◆ SY IRAC student Harsha A. Chinchore won 2nd prize in dance competition in Maharashtra Times Carnival at PCCOE. She was winner in Dance competition in Defense Force League competition.
- ◆ SY IOT student Fardeen Maniayar participated in workshop named 'Light Up the IOT: Hands-on approach' at PCCOE.

TRAINING AND PLACEMENT CELL

- We have placed around 33,000 students from across India in the last few years through On Campus/ Off Campus/ Pool Campus Drives.
- Highest Salary Grabbed by PCCOE Students: 61 Lacs (Uber)
- 3 Companies recruited 700 students for the 2025 Batch (Capgemini: 329, Accenture: 243, TechMahindra: 128)
- Placement Percentage: 75 to 80 %
- Quality Placements (Core + IT Product): 50 to 55 % (Out of Total Placements)
- Provided Internship opportunities to students through Internship drives with stipends ranging from Rs. 15,000 to Rs. 1,25,000 /-.
- Conducted “PCCOE BOAT Apprenticeship Bharti Mela 2024” on 24th August 2024 at PCCOE, Nigdi, Pune for students across Maharashtra. Around 100 companies participated and around 800 students got selected.
- Conducted Around 300 recruitment drives for 2024 & 2025 batch students.
- Organized Aptitude, Programming, and soft skills training Course of around 80 Hours for 2026 batch students
- Conducted 10 Mock Tests
- Organized Mock Interviews and mock GDs with the help of Alumni / Senior Faculty / Placed Students for 2025 batch students.
- Conducted Cocubes Tests for 2024, 2025, 2026, 2027 batch students.
- Conducted Session on How to Prepare for Placements for 2025 batch students
- Famous across Maharashtra for Off-campus / Pool Campus recruitment drives.
- Few of our IT Product Recruiters visited for the drives: Uber, Data Insights, Synopsys, Druva, Veritas, EQ Technologic, Sahaj Software, Pubmatic, HSBC, etc.
- Few of our Core / Manufacturing Recruiters visited for the drives: Mercedes Benz, Tata Steel, Hinduja Tech, FEV, Godrej, KSB Pumps, Alfa Laval, Minda, KPIT, Cummins, Whirlpool, Volkswagen, Atlas Copco, Forbes Marshall, Dassault Systems, Tata Communication, Tetra Pak, Kirloskar, Siemens, SKF, Samsung R&D, L&T Technologies, etc.
- We are accredited by reputed companies like Capgemini, Accenture, Cognizant, KPIT, Wipro, TCS, L&T Infotech and many more for placements.
- 13,00,000 (13 Lac) students have registered in Various Off Campus/Pool Campus drives conducted till date.



SPORTS REPORT

Faculty Incharge:
Mr. Santosh Pacharane

4 PCCOE students were selected in Savitribai Phule Pune University Team for West Zone & All India Inter University Competition.



Shreya Rallapalli
(SY Mech)
VOLLEYBALL

Selected in SPPU Volleyball Team for West Zone & Krida Mahostav Inter University Competition held at Sri Khushaldas University from 27th to 30th Oct. 2024.



Sampada Sawant
(SY IT)
BASKETBALL

Selected in SPPU Basketball Team for West Zone Inter University Competition held at ITM University, Gwalior from 26th to 30th Nov. 2024.



Vedant Desai
(TY Mech)
FOOTBALL

Selected in SPPU Football Team for West Zone Inter University Competition held at Parul University, Vadodara, Gujarat, from 16th to 26th Dec. 2024.



Shubham Gangurde
(BTech Mech)
ARCHERY

Selected in SPPU Archery Team for All India Inter University Competition held at KIIT, Bhubaneswar, Gujarat, from 24th to 27th Dec. 2024.

Inter Zonal Players

21 PCCOE students were selected in Pune District Team for Inter Zonal Sports Competition under Savitribai Phule Pune University.

Sr.No.	Student Name	ClassEvent
1	NATURE AVINASH	SY MTECHYOGA
2	SARODE SHRUSHTI	TY CIVILYOGA
3	CHAVAN PRITHVIRAJ	SY MECHSWIMMING
4	BORSE DIGVIJAY	TY CS (Reg)SWIMMING
5	BORSE DIGVIJAY	TY CS (Reg)WATERPOLO
6	SONAR KETAN	TY CSTABLE TENNIS
7	KUBHAR AYUSHI	TY CS (Reg)TABLE TENNIS
8	SIDDHI TIWARRI	TY MECHTABLE TENNIS
9	PATIL VINIL	B Tech MECHTENNIS
10	SHELKE OM	SY ITBADMINTON
11	RALLAPALLI SHREYA	SY MECHVOLLEYBALL
12	SAWANT SAMPADA	SY ITBASKETBALL
13	MAPARI VED	TY E&TCVOLLEYBALL
14	THIGALE SANIYA	TY AIMLATHLETICS
15	GANGURDE SHUBHAM	BTech MECHARCHERY
16	AKSHAY MAHESH	B Tech E&TCFOOTBALL
17	DESAI VEDANT	TY MechFOOTBALL
18	KAMBLE SUJAL	TY ITCRICKET
19	KATE SARANSH	FY E&TCCRICKET
20	POKHARNIKAR VIRAJ	TY ITHANDBALL
21	SHELKE PANKAJ	FY CSHANDBALL



NATIONAL SERVICE SCHEME (NSS)



Faculty Coordinator : Mr Sanjay Mapari

Following are the activities conducted during January 2024 - December 2025

- A blood donation camp was organized on 20 February 2024, with 20 volunteers supporting the initiative, benefiting over 810 individuals.
- The event ANIKA 2.0 - Empowering Voices, Empowering Lives - "Me Too – No More Secrets" was conducted on 9 October 2024, engaging 46 volunteers and benefiting 100 participants.
- The event ANIKA 2.0 - Empowering Voices, Empowering Lives - "Sex Education" was held on 17 October 2024, with 49 volunteers contributing to the awareness session, benefiting over 200 participants.
- The event ANIKA 2.0 - Empowering Voices, Empowering Lives - "Navdurga" took place on 17 October 2024, with the participation of 11 volunteers, reaching over 150 beneficiaries.
- A new voter ID registration drive was conducted on 18–19 October 2024, where 38 volunteers assisted in the process, benefiting over 550 individuals.
- A special winter camp was organized at Malegaon Khurd village, Taluka–Maval, from 19–25 December 2024, with 60 volunteers actively participating in various social activities.



CLUB REPORTS



Introduction

- Brief Overview of the Club/Chapter: Team Ambush is a group of students striving to bring change in the agriculture domain. We are a group of undergraduate students from diverse streams studying at Pimpri Chinchwad College of Engineering, Pune with an aim to design, conceptualize, fabricate, test a Self-propelled Onion Harvester. We are a team with an ideology and goal to "Innovate, Design & Bring Mechanization in the field of Agriculture in India".
- After the design and manufacturing process, we participated in the National level competition SAE TIFAN (Technology Innovation forum for Agricultural Nurturing) organized by SAE INDIA with other college teams from around India. We also exhibit the prototype at exhibitions with the aim of interacting with the farmers, to make a survey of the challenges faced by the farming community and to develop industrial contacts.
- Team Goal: To make technological advancements in the existing farming techniques and encourage farmers to adopt these in order to increase overall productivity and quality with less inputs, thus, bridging the gap between technological advancement and conventional farming methodology.
- Team Objective: To acquire the desired skill set and technical soundness while contributing to a larger cause and thus developing individual as well as the team



Major Achievements

1. All India Rank 01 at SAE TIFAN 2023-24
2. All India Rank 02 at Sales and Marketing award SAE TIFAN 2023-24
3. All India Rank 02 at Cost & Evaluation SAE TIFAN 2023-24

Contributions to College Community

Workshops between the team members with industry people

- Mr. Krushkant Solanke: Senior Engineer at JCB India Pvt Ltd
- Mr. Vedant Arote: Aftertreatment Design Engineer at PACCAR India
- Mr. Shardul Teggi: Technical Engineer at Ecolab
- Mr. Kshitij Tikale: Design Engineer at Brose India
- Mr. Bhushan Baviskar: Senior Engineer at Dassault Systèmes
- Mrs. Gauri Salunke: Quality Engineer at John Deere
- Mrs. Akshata Nagawade: Senior Engineer at John Deere
- Mrs. Yashoda Bhanage: Electronic Hardware integration (Technical Specialist namaste)



TEAM ANANTAM

ROCKETRY & SPACE RESEARCH

Faculty Incharge: Dr. Ketan Desale
Year of Establishment: 2023

Introduction

Brief Overview of the Club/Chapter: Team Anantam Rocketry and Space Research (TARSR), founded in 2023, is PCCOE's pioneering student-led rocketry and astronomy team dedicated to advancing aerospace innovation through sustainable model rocketry and CanSat development along with curiosity for open skies. With a vision to represent India in global competitions, TARSR has fostered interdisciplinary collaboration, technical excellence, and industry partnerships, contributing significantly to PCCOE's research and Innovation culture.



Major Achievements

Organized Celestial Night, promoting astronomy awareness among students in PCCOE campus. Conducted fire drill training sessions for safety awareness in experimental rocketry. Developing Flight Computers, conducted over 7 Solid Rocket motor tests, Working on Parachutes, PVC Rocket motors, Thrust bed setup.

Contributions to College Community

- Launched Tarangan, a social outreach program, where we go to various schools and organise stargazing sessions and basic astronomy workshops.
- Planning to expand Tarangan to include Water Rocketry and basic rocketry workshops, broadening our educational impact.



Introduction

Brief Overview of the Club/Chapter: "Team Red Baron" formed in year 2012 is a dynamic group of interdisciplinary undergraduate students from Pimpri Chinchwad College of Engineering , Pune. Team is dedicated to the design, manufacture, and testing of Electric All-Terrain Vehicles (ATVs). We have transitioned from designing combustion ATVs for E-BAJA to focusing on electric models, showcasing our adaptability and commitment to sustainable technology.



OUR VISION for innovation and engineering excellence drives us to compete in prestigious national and international competitions BAJA.

OUR MISSION is to innovate and build robust off-road vehicles, providing students with a platform to develop essential skills for their future careers.

Major Achievements

- AIR 1 Engineering Design Award
- AIR 1 Green efficient vehicle
- AIR 2 Technology innovation
- AIR 2 CAE Award
- AIR 2 Durability Award
- AIR 3 Cost Award
- AIR 3 Overall Statics

Pictures of Recent Projects/Activities



Introduction

Team Maverick India is a passionate group of PCCOE engineering students, formed in 2021 dedicated to designing, innovating, fabricating, and testing fixed-wing UAVs. Our vision is to push aeronautical innovation while inspiring future engineers. We participate in national and international SAE Aero Design Series, providing hands-on experience in UAV design, project management, and industry regulations. Beyond competitions, we foster skill development in aero engineering, teamwork, and resource management. Committed to advancing UAV technology, we aim to build cutting-edge aircraft and contribute to society through real-world applications.



Major Achievements

- World Rank 10th in SAE Aero Design West (Regular Class) 2024 and 4th in Mission Requirements
- Overall AIR 5 in SAEISS Drone Development Challenge 2024 and AIR 1 in Technical Presentation
- Invited to Bharat Mobility Global Expo 2024 – Represented our UAV technology nationally.
- Invited to 3D Experience Forum Summit, Delhi by Dassault Systemes -Explored industry trends and cutting-edge design tools.

Contributions to College Community

- UAV Design & Fabrication Workshop – Hands-on training in aerodynamics and assembly.
- DEXTER Lab 2024 – Enhanced UAV fabrication and testing expertise.
- GURUKUL INTERNATIONAL SCHOOL- Igniting curiosity in the domain of aviation.



Introduction

- Team Solarium is a leading Solar Electric Vehicle motorsport team dedicated to developing innovative, solar-powered vehicles that promote clean energy and technological excellence. Established in 2016, the team has designed and manufactured seven cutting-edge solar electric vehicles, consistently excelling in national competitions.
- Achievements include victories in prestigious events like SUVVC, NSVC, and ESVV, with a strong track record in endurance challenges. In 2023, Invictus 5.0 secured the National Solar Vehicle Championship (NSVC) overall title at VNIT, Nagpur.
- With a vision to compete and triumph in the Bridgestone World Solar Challenge (BWSC), the team continues to push the boundaries of efficiency, sustainability, and interdisciplinary innovation in solar mobility.



Major Achievements

In February 2024, Team Solarium participated in the inaugural Maharashtra MSME Defence Expo held at the International Exhibition and Convention Centre in Moshi, Pune. The team showcased their innovative solar electric vehicle, Invictus 4.0, highlighting advancements in sustainable transportation technology. This participation underscored the team's commitment to contributing to India's defense capabilities through clean energy solutions.

Contributions to College Community

Team Solarium provides students with interdisciplinary knowledge, industrial exposure, and hands-on experience in design and manufacturing. By offering both theoretical and practical learning opportunities across technical and non-technical fields, the team equips students for improved placements and advanced educational pursuits.



Invictus 4.0



Invictus 5.0

TEAM KRATOS RACING

Faculty Incharge: Prof.Sagar Wankhede
Year of Establishment: 2016

Introduction

- Team Kratos Racing is the official Formula Student Team of PCET's Pimpri Chinchwad College of Engineering, Pune. We design and manufacture F1 style electric race cars and compete at international and National Level. Recently we have won The Formula Bharat 2025, which was the record 7th title in history.
- Also the First Indian Team to use carbon fibre monocoque, customised battery management system and Limited Slip Differential.
- Recently represented India at Formula Student East held in Budapest ,Hungary and Formula Student Germany held in Hockenheim, Germany.



Major Achievements

- Winners of Formula Bharat 2025
- 7 time national champions.
- World rank 7 in FS world rankings.

Contributions to College Community

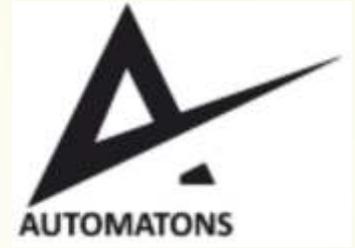
Conducting simulation workshops, free technical sessions and providing internship certificates and LOR to students.



Introduction

We are Team Automaton, a robotics research and development team of Pimpri Chinchwad College of Engineering, Pune, India. Our team is run by undergraduate students coming from different disciplines of Engineering. Our team participates in International Robotics Competition ABU ROBOCON annually. Our team is devoted towards exploring the various possibilities of the future and believe that only the advancement of science and technology can achieve the true freedom and limitless possibilities of mankind.

Our vision is to become a team that builds robots with capabilities of solving problems of our society and thus creating a better tomorrow. And 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 making this aim come true.



Major Achievements

Team Automaton has consistently showcased excellence in the ABU Robocon competitions, securing top ranks nationally. In Robocon 2024, we achieved All India Rank (AIR) 2, marking a significant milestone in our journey. Our fully autonomous robot, integrated with advanced sensors, demonstrated precise navigation while our semi-autonomous robot emerged as one of the fastest in India, excelling in speed and efficiency.

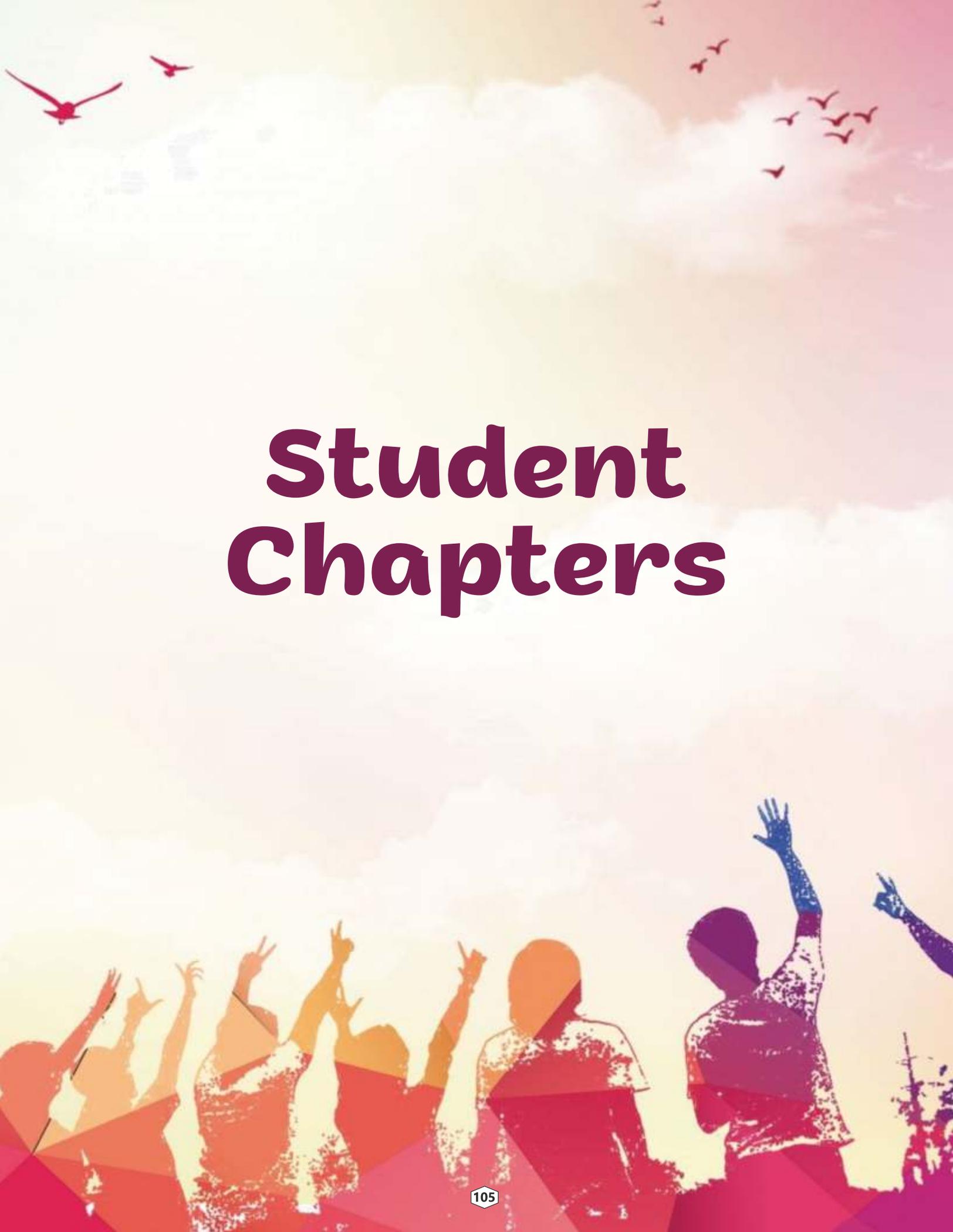
We've also made our mark in space robotics, proudly participating in the ISRO Robotics Challenge-URSC 2024 (IRoC-U2024) and the International Rover Challenge 2025 by SPROS, where we've successfully qualified for the finals. These achievements reflect our dedication to innovation, teamwork, and technical expertise, consistently pushing the boundaries of robotic design and performance.

Contributions to College Community

We have conducted workshops covering a range of topics, including drone technology, embedded systems. We also collaborate with NGOs to develop social-impact robotics and teach underprivileged children about robotics concepts. Additionally, we conduct first-year training sessions, ensuring skill development and knowledge transfer within our team.

Team Automaton showcases its robotics expertise through exhibitions at college conferences, industry visits, and technical fests, engaging with professionals, students, and academicians, highlighting our innovations in autonomous robotics, sensor integration, and high-speed robotic systems.





Student Chapters

Introduction

- AiMSA, the AI & ML Students Association at PCCOE, Pune, is run by CSE (AI & ML) students. It provides a platform for skill development through curricular and extracurricular activities and manages departmental events.
- PCCOE's GeeksforGeeks Student Chapter is a dynamic community of tech enthusiasts fostering learning, creativity, and collaboration. Through seminars, hackathons, and coding challenges, we empower students to excel in the evolving digital landscape.

Major Events Organized

- Workshop on Generative AI (6th Aug 2024) – Conducted in collaboration with Capgemini, SAP & Edubridge Learning Pvt. Ltd.
- Menstrual Hygiene & Personality Development Session (28th Aug 2024) – Organized for female students under Whisper's Campus Connect initiative.
- Induction Ceremony (29th Aug 2024) – AiMSA & GeeksforGeeks (GFG) Student Chapter welcomed new members.
- Guest Talk on Future of Technology & Generative AI (29th Aug 2024) – Delivered by Mr. Hemant Selmokar, Delivery Manager, Infosys Pune.
- Mindshot Event (19th Sep 2024) – Organized by AiMSA on Engineer's Day.
- Industry Expectations for CS Jobs (19th Sep 2024) – Guest session by Mr. Ajay Deshpande, Senior Director, Icertis Solutions Pvt. Ltd. Pune.
- Candle March for Awareness (27th Aug 2024) – Organized by NSS Team against sexual harassment.
- Higher Studies & Placement Session (24th Sep 2024) – Conducted by Mr. Paresh Gugale from Imperial Institute of Excellence.
- Sports Competitions (11th Oct 2024) – AiMSA hosted 'Checkmate Circuit' (Chess) & 'Shuttle Showdown' (Badminton) with 300+ participants.

GFG Student Chapter Events:

- Three90 Challenge Kiosk (29th Jan 2024)
- Hack Matrix Hackathon (17-18 & 22-23 Feb 2024)
- 5-Day DSA Bootcamp (2nd Apr 2025)
- FixFrenzy Coding Event (19th Sep 2024)
- Technical Lecture by Mr. Ashish Labade (18th Oct 2024)
- 30-Day DSA Bootcamp (14th Oct – 14th Nov 2024)
- Session on Large Language Models (LLMs) (25th Oct 2024)



The Civil Engineering Students Association (CIESA) at PCCoE successfully organized various technical and non-technical events throughout the academic year 2024-25, aiming to enhance students' knowledge, skills, and overall development.

Induction Program (October 01, 2024)

The academic year commenced with the CIESA Induction Program, introducing new students to the association's objectives, activities, and opportunities. Faculty members and senior students interacted with freshers, providing guidance on academics, extracurricular involvement, and career prospects.

Build Next (October 24, 2024)

Build Next was a dynamic competition aimed at fostering innovation in civil engineering, challenging students to envision futuristic construction technologies and sustainable infrastructure solutions. The event featured engaging segments such as Techno Quiz, Project, Innovation Arena, and Civi Clicks, where participants showcased groundbreaking ideas, demonstrating their technical acumen, creativity, and problem-solving skills.

Model United Nations (MUN) – (February 21 & 22, 2024)

A unique initiative in civil engineering, CIESA MUN focused on discussions related to global infrastructure policies, urban planning, and environmental sustainability. It provided students with an opportunity to develop analytical, negotiation, and public speaking skills while debating real-world challenges.

Ankahein Baatein (February 22, 2024)

Ankahein Baatein was a celebration of artistic expression, providing students with a platform to showcase their talent in poetry, shayari, storytelling, and musical performances. The event fostered a vibrant atmosphere where participants expressed their emotions and creativity through words and melodies. It served as a space for students to appreciate the beauty of literature and art while connecting through shared cultural and artistic experiences.

Sthapatya-25 (March 7 & 8, 2025)

The flagship event of CIESA, Sthapatya-25, received an overwhelming response with over 100 registrations from 362 Students. The event featured four technical competitions and two non-technical events, challenging students in areas such as structural design, construction management, and problem-solving. It served as a platform for budding civil engineers to showcase their skills and interact with industry experts.

Through these initiatives, CIESA continues to provide a holistic learning experience, fostering technical excellence, leadership, and innovation among civil engineering students.



Irshalvadi Landslide



**Attending the expert session at
COEP Tech University**

Introduction

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), and OWASP, 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, and Mathematical Modeling, Membership & Recruitment Marketing, an Industry Visit to Persistent, the Inaugural ACM Chapter Meeting, and the Engineers Day & ACM Award Function. 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 Techno Blitz, Her Hack Hour (Inaugural Edition & 1.1), NavQuiz, Cross Code, and Reel-O-Raas, enhancing technical skills, leadership abilities, and confidence among female students.

OWASP promotes cybersecurity awareness with hands-on sessions like XSploit 3.0 - Social Engineering & Password Cracking, an Off-Campus Social Engineering Session, and Security Checkpoint, equipping students with ethical hacking skills and secure coding practices. HACKTOBERFEST is a highly anticipated event featuring both technical and non-technical activities such as the GRE Guidance Session, Adrishyam 2.0 (Non-technical Event), Mrigaya (Technical Competition), Git Session, Game Development, UI/UX Workshop, Resume Building, and Mind Games. 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

- The ACM Student Chapter has received several accolades, such as:
- -Runner-Up at ACM India Awards for Best Student Chapter in 2018, 2020, and 2021.
- -Student Chapter Excellence Award for Outstanding Community Service in 2020.
- -ACM India Student Chapter Award for Outstanding Community Service in 2022.
- -Outstanding Chapter Award in 2024.



Vision:

To create a dynamic and inclusive community of computer science students that foster innovation, collaboration and technical excellence while bridging cultural and academic diversity.

Major Achievements/ Activities

- 1) Techno-Insights Symposium 1.0- Coordinators : Mrs.Rohini Sarode & Mrs.Rucha Shinde
- 2) Teachers Day Celebration
- 3) CRESA Induction Program
- 4) Guidance session on Interview Cracking & Resume Making
- 5) SECURE IT - The Way To Be Safe
- 6) Power BI Data Analytics Hands on Workshop
- 7) Webinar on "Use of LATEX in report
- 8) Inauguration of Center of Excellence "Innovation in Blockchain" in association with i4C and Knowledge Partner "IBA"

Contributions to College Community

Vachan Prerna Diwas

Pictures of Recent Projects/Activities



CRESA Induction



SECURE IT - The Way To Be Safe



Power BI Data Analytics Hands on Workshop



Inauguration of Center of Excellence "Innovation in Blockchain" in association with i4C and Knowledge Partner "IBA"

Key Highlights:

- ETSA-IETE ISF at PCCOE promotes innovation and collaboration through technical and non-technical events. These student-driven initiatives provide opportunities for exposure to emerging technologies, hands-on experience, and industry interaction. The student association with the help of faculty guidance organizes technical sessions on Machine Learning, AI, IoT, and Big Data, alongside non-technical activities that encourage leadership and personal growth.

Key Events:

Embedded AI Poster Presentation Competition (Jan 2024)

- Part of FestX 3.0, this event featured 16 teams presenting innovative AI-driven solutions for embedded systems. Judges provided valuable feedback on the potential of merging AI with embedded technologies.

Induction of ETSA-ISF-IEEE SPS Student Chapter (Aug 2024)

- The induction program welcomed new members with insightful talks on leadership and growth. Industry experts shared perspectives on personal development and the Bell Curve concept.

Machine Learning Model Deployment Session (Oct 2024)

- An online session focusing on deploying machine learning models using platforms like Teachable Machine and Edgelpulse on Raspberry Pi, with practical applications in IoT and real-time object detection.

Farewell 2024 - Euphoria (Apr 2024)

- A farewell ceremony recognizing student achievements, including the Best Outgoing Student Award, and a celebratory session for the E&TC department.

Abhyantrix 2024 Student-Led Conference (Apr 2024)

- A platform for final-year B.Tech E&TC students to present their innovative projects, with feedback from industry experts and faculty.

Edge AI Workflow Design Workshop (Jul 2024)

- A one-week short-term training program on deploying AI workflows using TensorFlow Lite and STM32, with practical applications in audio classification and gesture recognition.

Advanced TCMS System Communication Session (Aug 2024)

- Experts from Knorr Bremse discussed train communication systems like MVB and CAN, with 95 participants engaging in hands-on learning.

Try Engineering Workshop at JSPM's Blossom School (Oct 2024)

- A workshop for 8th-grade students on robotics, fitness trackers, and voice assistants to inspire curiosity and interest in STEM fields.

Big Data and Generative AI-Powered Innovation Seminar (Oct 2024)

- A seminar by Abhishek Mittal from Capgemini on AI applications, ethics, and career opportunities, attended by 90+ participants.



Key Highlights:

- Engineer's Day 2024: A day of excitement featuring the Escape Room, Question Arena, and quiz competitions. Students and faculty engaged actively, with winners celebrated for their achievements.
- Akshardhara: Inspired by Dr. A.P.J. Abdul Kalam's love for books, this event highlighted the importance of reading through motivational speeches, personal stories, and a focus on books in physical and digital forms.
- InnoVeda: A marquee conference where over 450 students presented 140+ research papers on diverse IT topics, promoting critical thinking, innovation, and skill enhancement.
- ITSA Induction Program 2024: Welcoming 174 new members, this program celebrated past milestones and introduced the roadmap for future technological events, fostering enthusiasm and collaboration.
- Teacher's Day: An event to honor teachers with flowers and heartfelt letters, showing appreciation for their dedication to shaping students' futures.
- IEEE Membership Drive: Purpose: Aimed to enhance student participation in the IEEE community. Initiatives Organized: Conducted awareness sessions, distributed informational flyers, and highlighted membership benefits, including access to technical resources, networking opportunities, and professional growth. Outcome: Successfully attracted numerous new members, fostering active student engagement with IEEE's global network and boosting their academic and career prospects.
- Alumni Series: Overview: Successfully organized a series featuring distinguished alumni who shared their professional journeys, insights, and experiences.

Google Developer Group on Campus (GDGC):

- Info Session & Induction: On September 23 and 30, 2024, these events reintroduced GDGC's mission, conducted leadership handovers, and motivated students with discussions on innovation and teamwork. Total Participants-100
- AR/VR Workshop: Held on October 3, 2024, this hands-on workshop combined presentations and demonstrations to explore AR/VR applications. Total Participants-70
- GCP Generative AI Study Jam: Conducted on November 10, 2024, this interactive session introduced students to GCP basics and generative AI, with hands-on labs to build practical skills. Total Participants-100
- Web Introduction Workshop: A three-day online workshop from December 28 to 30, 2024, focused on web development fundamentals, culminating in a project to build an AI Chat WebApp. Total Participants-120
- AI/ML Workshop: Organized from January 13 to 17, 2025, this immersive session covered AI/ML concepts, neural networks, and advanced techniques. Total Participants-120

Microsoft Learn Student Chapter (MLSC):

- Tech Room Introductory Session: Attended by 450+ students, this session offered insights into AI/ML, web development, and competitive programming, emphasizing hands-on learning and industry-standard tools like Tensor Flow and Git.
- Weekly Tech Room Sessions: Interactive, mentor-led sessions every Wednesday to Friday provided hands-on practice in AI/ML, data science, web development, and programming. Total Participants-120+ per session.
- Speaker Event: On October 18, 2024, alumnus Aakash Sangamnerkar shared valuable tips on excelling in the tech industry, including placement strategies and essential skill-building. Total Participants-150



Key Highlights:

- 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, organizing and executing various technical and non-technical activities in the student's 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 2024 (January-December 2024).



Event 1: Fitness First Inauguration
(Date: 5th January 2024 No. of Participants: 800+)



Event 2: Guest Lecture on Heat Treatments on Steel in association with Institute of Indian Foundrymen
Date: 9th January 2024 No. of Participants: 90



Event 3: Fun Fair (Date: 23rd January 2024 No. of Participants: 300+ 18 stalls)



Event 4: Adhyay Dussra (Date: 2nd February 2024 No. of Participants: 600+ 300 live stream) Guest Lecture by Mr. Vinayak Mahamuni (IAS) on UPSC preparation, planning and execution



Event 5: IIC Workshop (Date: 20th February 2024 No. of Participants: 250)



Event 6: Technophilia (Date: 5th, 6th & 7th April 2024 No. of Participants: 600+)



Event 7: Teachers Day (Date: 6th September 2024 No. of Participants: 50)



Event 8: Engineer's Day (Date: 20th, 21st & 22nd September 2024 No. of Participants: 750+)

DEPARTMENT PHOTOS



Department of Computer Engineering



Department of CSE- AIML



Department of Civil Engineering



Department of Mechanical Engineering



Department of Information technology



Department of Electronics & Telecommunication



Department of Computer Science (Regionals)



DEPARTMENT OF APPLIED SCIENCE & HUMANITIES



DEPARTMENT OF MULTI DISCIPLINARY STUDIES



MASTER OF COMPUTER APPLICATIONS DEPARTMENT



DEPARTMENT OF VOCATIONAL COURSES

OUTGOING BATCH 2024-25



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 CSE AI & ML



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 E&TC - A Division



B Tech E&TC - B Division



B Tech E&TC - C Division



MCA Department



PCET's
PCCOE
यद् भावो - तद् भवती





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