



VIDYAVARDHINI'S COLLEGE OF  
ENGINEERING AND TECHNOLOGY

# VISTA 2025

# ANANTAM



EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE.



## Vision

To be a premiere institution of technical education, always aiming at becoming a valuable resource for industry and society.

## Mission

### We at VCET aim

- To provide technologically inspiring environment for learning.
- To promote creativity, innovation and professional activities.
- To inculcate ethical and moral values.
- To cater personal, professional and societal needs through quality education.

## विद्यावर्धिनी प्रेरणा गीत

विद्यावर्धिनी... विद्यावर्धिनी... विद्यावर्धिनी...  
ज्ञानगंगा आली आमच्या अंगणी विद्येची ही ज्योत  
तेवते विद्यावर्धिनी ॥ ४ ॥

भाऊसाहेब वर्तक यांनी रोप हे लाविले दीन-  
दलितांना-आदिवासींना, प्रवाहास जोडीले  
सावित्रीच्या लेकी घडती, ज्ञानाच्या अंगणी  
अभिमानाने डौलत संस्था विद्यावर्धिनी ॥ १ ॥

'सा विद्या या विमुक्तये' हे बीज झळकते तेजाने  
नये-नवे शिखर जिंकूण्या, वाटचाल ही जोमाने  
हिरव्या स्वप्नांसाठी, करीते कष्टांची पेरणी समानतेचे  
सूत्र जाणते विद्यावर्धिनी ॥ २ ॥

कला, साहित्य-संस्कृती फुलतो अंकुर येथे सा-रे-  
ग-म-प-ध-नी सात सुरांचा घुमतो एकसूर ये भव्य  
क्रीडांगण, ग्रंथसंपदा, अनुभवांच्या खाणी गुरु-  
शिष्याचे नाते जाणते. विद्यावर्धिनी ॥ ३ ॥

सागराची गंभीरता.. विद्यावर्धिनी  
मर्वतांची खंबीरता.... विद्यावर्धिनी  
सूर्याचा प्रकाश नवा.. विद्यावर्धिनी  
चंद्राची शीतल छाया... विद्यावर्धिनी  
ध्यास उंच आभाळाला.... विद्यावर्धिनी  
विश्वास बदलत्या काळाचा.. विद्यावर्धिनी  
समता, मानवता अन हक्कांचे रक्षिणी  
राष्ट्रक्याचा धागा विणते विद्यावर्धिनी ॥ ४ ॥

संकल्पना - प्राचार्य डॉ. अशोक भोंसले  
गीतकार - प्रा. डॉ. सखाराम डाखोरे  
समन्वयक - प्रा. डॉ. प्रदीप गुळभिले  
प्रा. डॉ. शलुघ्न फड

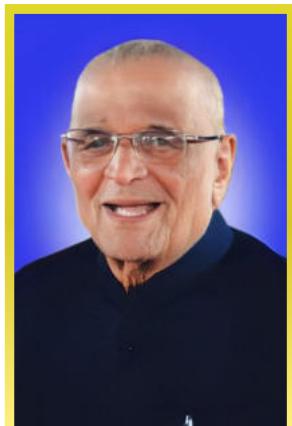
## FOUNDING PATRONS



**Late Padmashri H.G. Vartak alias  
Bausaheb Vartak**  
Founder President of Vidyavardhini's  
(1914 - 1998)



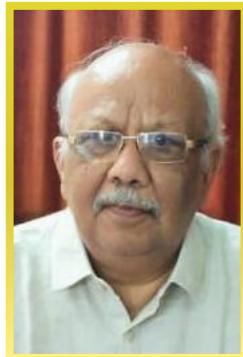
**Late Smt. Tarabai Vartak**  
Former President of Vidyavardhini's  
(1926 - 2008)



**Late Shri. Prataprai Khokhani**  
Former President of Vidyavardhini's  
(1933 - 2018)



## VISIONARY MANAGEMENT



**Shri. Vikas Vartak**  
President



**Shri. Pandurang Naik**  
Vice President



**Shri. Madhukar  
Mohol**  
Secretary



**Shri. Hasmukhbhai  
Shah**  
Treasurer

*In loving memory of*



**Late Shri. Arun G. Vartak**  
Former Chairman of  
Vidyavardhini's



**Late Shri. Shantaram B.  
Jadhav**  
Former Vice-President of  
Vidyavardhini's



## GOVERNING BODY



**Shri. Vikas N. Vartak**

(President, Vidyavardhini)

**Shri. Pandurang G. Naik**

(Vice-President, Vidyavardhini)

**Shri. P. D. Kodolikar**

(Vice-President, Vidyavardhini)

**Shri. Madhukar N. Mohol**

(Secretary, Vidyavardhini)

**Shri. Ravindra M. Mohol**

(Secretary, Vidyavardhini)

**Shri. Hasmukh M. Shah**

(Treasurer, Vidyavardhini)



## GOVERNING COUNCIL



**Shri. Vikas Vartak**

(President, Vidyavardhini)

**Shri. Pandurang G. Naik**

(Educationist)

**Shri. Hasmukh M. Shah**

(Industrialist)

**Nominee of the University**

**Educationalist / Industrialist**

(Nominated by AICTE)

**Dr. Uday Aswalekar**

(Staff Representative, Professor)

**Shri. Madhukar N. Mohol**

(Industrialist)

**Shri. Madhukar B. Parekh**

(Industrialist, Chairman of Pidilite  
Industries)

Director of Technical Education [M.S]

Director, WRO AICTE

**Dr. Rakesh Himte**

(Principal)

**Dr. Archana Ebote**

(Staff Representative, Assistant  
Professor)

# FROM THE VISTA INCHARGE



For me, every journey begins with a question and a quiet spark of curiosity. My time at this college started in much the same way. As a first-year student, I stepped onto this campus with excitement, nervousness, and a desire to understand the world I was entering. In those early days, I met a senior from the Literati Committee whose enthusiasm drew me in immediately. That single conversation opened the doors to a space where creativity, learning, and friendship blended into memories I still cherish.

As the years passed, my role naturally shifted. The committee that once mentored me became the place where I began guiding others. Helping juniors, sharing what I had learned, and watching them grow has been incredibly fulfilling. It made me realize how beautifully this year's theme, Anantam: Expressions Beyond Time and Echoes Beyond Space, reflects the journey we all undergo. Knowledge travels from one person to another; experiences are shared, emotions are remembered, and the spirit of the committee endures even as new faces join. Each batch leaves behind something meaningful, becoming the starting point for the next.

To me, VISTA has always been more than just a magazine. It is a space where our voices and stories converge. It holds the ideas we dared to express, the memories we made throughout the year, and the dreams that shaped us. Every edition reminds us that what we create here does not merely stay within these pages; it grows, it inspires, and it becomes part of something everlasting.

As you move through these pages, I hope you experience Anantam in its truest sense. A realm where thoughts travel freely, and emotions find room to breathe. Every piece in VISTA carries a gentle sense of continuity that reaches beyond the moment of its creation, taking a part of us forward with it.

So, find a quiet moment for yourself, open VISTA, and allow these expressions to guide you beyond the boundaries of time and space.

Warm wishes,  
**Adithya Parambil**  
Vista Incharge,  
Literati - The Literary Club

# FROM THE DESIGN TEAM

When we first got the theme "Anantam: Expressions Beyond Time, Echoes Beyond Space," we all nodded like we definitely understood it.

Inside though? Pure chaos. We were thinking, "Okay but... how do we design this without looking like we googled 'aesthetic space wallpaper'?"

The journey began the moment we tried choosing a font for "Anantam." It took us... well, Anantam to decide.

Each page that you see went through a strict, disciplined routine:

1. Open file.
2. Try an idea for design.
3. Hate the idea.
4. Delete idea.
5. Regret deleting idea.
6. Undo.



7. Stare at screen like it's actually something good...
8. Send it for approval, it gets rejected, and you go back to step 1 again.

Slowly... painfully... things started to make sense. Not spiritually, we're not that lucky.

More like: "Hey... this does not physically hurt to look at anymore."



The theme actually began to hit us:

"Beyond time" happened every night when we started designing at 10 PM and opened our eyes again at 3:47 AM with a half-finished layout.

"Beyond space" happened when our desktops turned into a mess:

a thousand unnamed PNGs, eight versions of the same page, screenshots we don't remember taking, and folders named things like "final one," "final 2," "ACTUAL final," and "ok seriously final."

But honestly, that's the magic of designing VISTA. It's chaotic, exhausting, strangely emotional.

You go from laughing like a maniac over a misaligned box to questioning your entire sanity because a gradient just won't gradient.

This edition carries all of that... the stubborn colours we argued about at 1 AM, the pages we refused to give up on, the ideas that came out of nowhere and somehow worked, and the little imperfections that prove real people made this, not demigods with perfect symmetry.

As you flip through VISTA, we hope you feel a bit of our madness, a bit of our joy, and maybe the faint echo of someone crying over a shifted margin.

*Presenting to you, with all our love, sleep deprivation, and CTRL+Z worship:*

*VISTA\_25\_FINAL\_FINAL\_FINAL.pdf*

## Design Heads:



Abhishek Mishra



Pranali Rane



## Deputy Design Heads:



Balram Mandal



Aditya Pande



Niraj Gawade



## Design Team Members:



Asawari Mane



Priti Yadav



Purva Gaonkar



Pratik Ravale



## Magazine Co-ordination:



Siddharth Chakravarty  
(Co-Chairperson)



Riya Gaikwad  
(Deputy Secretary)



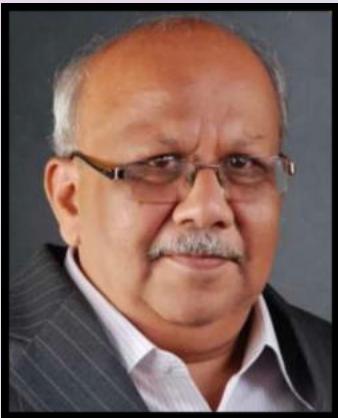
Parnita Bharti  
(Vice-Chairperson)



Yasmeen Ahmadabadwala  
(Deputy Secretary)



## FROM THE PRESIDENT'S DESK



As we enter this season, VCET's hidden literary talents bloom fully, culminating in the release of our very own VISTA 2025 release. In the realm of engineering, where we are often surrounded by technology and technical terminology, literary expression can seem distant. VISTA serves as a unique platform for students to showcase creativity and literary skills, a celebration of expression that fuses imagination and thought into one captivating publication.

Since its 1994 inception, Vidyavardhini's College of Engineering and Technology has remained committed to nation-building through education. We firmly believe in quality education and the mutual trust and perseverance required for excellence.

I'm thrilled to share some major news that underscores our commitment to quality. We have worked diligently and secured National Board of Accreditation (NBA) and National Assessment and Accreditation Council (NAAC) accreditation for our Computer, IT, Mechanical, and Electronics & Telecommunication Engineering departments across the coming three academic cycles. This is a tremendous achievement and recognition of our rigorous standards. We also achieved a prestigious TCS accreditation, which is invaluable for our student's career prospects.

At VCET, we maintain that learning should bring joy and teaching should be pleasurable. We have nurtured young talents, demonstrated integrity, and remained true to our motto: "Overall Development of Students." Over the years, we have learned to embrace new beginnings fearlessly, create success stories, and cherish memories along the way.

Beyond technical education, VCET addresses students' diverse needs across cultural, literary, social, entrepreneurial, and professional spheres. We provide ample opportunities through competitions, internships, and recruitment drives. It is truly an honor to witness VCET's consistent excellence and leadership in both academic achievements, securing admissions to prestigious universities worldwide and placements at leading companies.

Engineering education in such a dynamic, multifaceted environment proves invaluable. Engineering at VCET transcends formal education; it provides an intellectual foundation that fosters growth and prepares students to become technological innovation leaders. Our alumni have contributed significantly to technology, and we are confident current students will continue leading future advancements.

I take immense pride in sharing that VCET is recognized as one of the region's premier higher education institutions, renowned for faculty, student, and alumni excellence. Our commitment to staying at knowledge's forefront ensures alignment with the professional world's evolving demands.

I hope you enjoy reading VISTA as much as our students enjoyed compiling it. May it inspire you while continuing to reflect our vibrant campus community's creativity and ingenuity.

Mr. Vikas N. Vartak  
President, VCET

## FROM THE PRINCIPAL'S DESK



I am delighted to announce the publication of our college magazine, "VISTA," for the academic year 2024-25. At Vidyavardhini's College of Engineering and Technology (VCET), we remain committed to fostering holistic student development, transforming young minds into skilled and innovative engineering professionals.

Our institution has proudly embraced Outcome Based Education (OBE) to enhance learning experiences and ensure our graduates are industry-ready. We organize a comprehensive induction program for newly admitted helping them feel welcomed in our

academic community through sessions on Universal Human Values that cultivate ethics and empathy.

In alignment with the flexible and inclusive National Education Policy (NEP), we are fostering a culture of innovation and entrepreneurship. The NEP's emphasis on research and start-up ecosystems nurtures future leaders and innovators, and we are excited about implementing these principles throughout our curriculum and activities.

I am particularly proud to share some major institutional milestones. Our dedication to quality has been recognized as we worked hard to secure National Assessment and Accreditation Council (NAAC) and National Board of Accreditation (NBA) accreditation for our Computer, IT, Mechanical, and Electronics & Telecommunication Engineering departments across the upcoming academic years: 2025-26, 2026-27, and 2027-28. This commitment ensures our programs meet the highest national standards. Furthermore, our strong industry relationship with TCS was formalized this year with their official accreditation. This summer, we were thrilled to see a significant number of our students benefit from a specialized Oracle internship program, gaining invaluable practical exposure and learning from industry experts.

Beyond academics, we strongly encourage participation in extracurricular activities, recognizing their crucial role in overall student development. From sports to arts, these activities build teamwork, leadership, and creativity. "VISTA" provides our students with a platform to showcase their talents, thoughts, and achievements while reflecting the vibrant life at our college through literary, educational, and sports endeavors.

Our students graduate not only with strong academic knowledge but also with values, confidence, and well-rounded personalities. VISTA captures this journey, celebrating the spirit, creativity, and accomplishments of our entire community.

I extend heartfelt congratulations to the VISTA team for their dedication in bringing this magazine to life. Your efforts have created a publication that truly represents our college's spirit and achievements.

**Dr. Rakesh Himte**  
Principal, VCET

## FROM THE DEAN OF ACADEMICS



I am delighted to share my thoughts on Vista'25, our college magazine that reflects the academic progress and growth of the VCET community. A heartfelt thanks goes to the incredible editorial team at Literati - the Literary Club, who worked tirelessly on this edition, and to all contributors who shared their valuable ideas and stories. As we reflect on another year of achievements, I am inspired by the growth and determination of our students and faculty. VCET is more than an educational institution; it's a vibrant community focused on innovation, collaboration, and excellence.

This is a huge step forward, allowing us to rapidly adapt and tailor our education which ties in perfectly with the spirit of the National Education Policy (NEP) and encourages a flexible and modern approach to learning.

Our students have excelled beyond the classroom in competitions and cultural events like ZEAL and Avahan. Their enthusiasm and participation have earned us numerous awards and recognition, showcasing the diverse talents we nurture at VCET.

Education today evolves rapidly, and at VCET, we believe in shaping well-rounded individuals. This year brought significant academic enrichment, especially for our second-year students. We have introduced new, skills-based subjects that were carefully designed to meet current industry requirements, providing practical, guiding students to knowledge right from an early stage.

To ensure the highest quality delivery of this modern curriculum, we conducted a faculty development program for our teaching staff. This initiative has empowered our educators with cutting-edge teaching methodologies and subject expertise, ensuring that our students receive the best possible learning experiences.

As we celebrate Vista'25, let it remind us of our commitment to academic excellence, research, and continuous skill enhancement. I am confident that today's initiatives will shape our students into tomorrow's leaders and innovators.

**Dr. Vikas Gupta**  
Dean, Academics

## **FROM THE DEAN OF STUDENT AFFAIRS**



**As Dean of Student Affairs, I am privileged to present Vista'25, a reflection of our students' creativity, dedication, and collective spirit. This publication testifies to the editorial team's relentless efforts at Literati- The Literary Club, and I extend heartfelt gratitude to the editor-in-chief and entire team for their unwavering commitment.**

**At VCET, we believe education extends beyond textbooks and classrooms. Our mission empowers students with skills, knowledge, and confidence to excel academically, professionally, and personally. We foster an environment where innovation, leadership, and holistic development thrive, preparing students to tackle real-world challenges with determination and integrity.**

This remarkable academic year featured dynamic events uniting students from all disciplines. The Student Council organized ZEAL, our grand cultural extravaganza, featuring DJ War, Symphony, and DJ Night. Similarly, AVAHAN, our annual sports festival, provided a platform for students to display athletic prowess, teamwork, and sportsmanship. These events transcend mere competition; they nurture resilience, discipline, and unity among students.

The Literati Club's flagship event, LITFEST, provided another milestone, offering students a stage for literary and artistic expression through writing, storytelling, and engaging discussions. We are proud of our students' participation in national programs like Ek Bharat Shreshtha Bharat (EBSB), which promotes cultural unity, and the impactful contributions of our National Service Scheme (NSS) volunteers through tree plantation drives, social awareness campaigns, and community service.

Vista'25 celebrates the dynamism, creativity, and perseverance of our students. Each article, story, and creative piece reflects their passion and dedication. I sincerely thank all contributors for making this edition successful and look forward to continued excellence in academics, sports, and extracurricular pursuits.

**Dr. Madhavi Waghmare  
Dean, Student Affairs**

## FROM THE STAFF INCHARGE



It fills me with immense pride and joy to share a few words on behalf of the Literati Club as we present this year's edition of the college's one and only magazine, Vista'25. Every year, we don't just turn a page, we begin a new chapter in our creative journey. This year's theme, ANANTAM, beautifully captures the essence of that journey, the idea that creativity, stories, and emotions are endless, flowing seamlessly from one moment to another. It reminds us that learning and expression have no boundaries, and are infinite journeys, constantly evolving with every new experience.

Each contribution, be it a thoughtful article or a heartfelt poem, is a reflection of imagination and sincerity. Together, they form a tapestry of voices: diverse, vibrant, and alive. The words of our contributors breathe life into these pages and extend beyond them, echoing the shared experiences and collective growth that define the Literati spirit.

This year, the Literati Club has truly flourished with creativity and enthusiasm. The heartfelt verses of Kavi Sammelan in both Hindi and Marathi brought the beauty of expression to life, while events like Extempore and Face-Off showcased spontaneity, and confidence. Our flagship event, Litfest, organizes events like the Literature Quiz, Choose Your Anime, Love Letter Writing, and many more. Each event reflected the immense potential and passion our students bring to every endeavor. With an exciting new addition this year, Kahani Mein Twist, an event that brought fresh energy and imagination.

None of this would have been possible without the encouragement and guidance of our Management, Principal, Joint Director, Deans, HODs, Registrar, Faculty Members, and Committee In-charges. Your support continues to inspire us to push boundaries and nurture the creative spark in our students.

To all our students, I want to express my heartfelt gratitude. Your curiosity, and dedication help bring life to Vista. You are the reason behind the success of every initiative, and it's truly inspiring to witness your ideas transform into something so meaningful and impactful.

A special word of appreciation goes to Mr. Harsh Raut, our Chairperson, for his consistent support, guidance, and passion. His vision and leadership have been instrumental in shaping the club's journey this year.

May we remember that creativity knows no end, like ANANTAM, it continues to expand, inspire, and connect us all. Here's to words that endure, stories that evolve, and a spirit that remains truly endless.

**Dr. Swati Varma  
Staff In-charge  
Literati Club, VCET**

## FROM THE CHAIRPERSON



Every year, a new theme gives us a reason to pause and look at things a little differently. This time, it's Anantam. And for me, the word itself feels like a reminder that not everything we experience fits neatly into timelines or deadlines. Some ideas and moments just stay with us quietly, without asking for space.

Engineering, as we all know, doesn't slow down for anyone. There's always another submission around the corner, another practical, another project update. Days pass quickly sometimes we don't even realise how fast. But when I think about what actually changed me during these years, it's not the timetable. It's the small pockets of time when I got to think, express, or simply breathe.

For me, the Literati Club was one of those rare pockets. What I thought would just be another club became a place where I genuinely felt heard. Events like FaceOff, Extempore, and Lit-Quiz showed me a completely different side of our college where people who had ideas, opinions, humour, and a willingness to speak up.

Those moments taught me something important: engineering students aren't just problem-solvers; we're also storytellers in our own ways.

And honestly, those experiences capture what Anantam means to me. Expression that isn't limited by time, syllabus, or even the usual expectations we put on ourselves.

Engineering itself is funny that way. We study things discovered centuries ago, yet we apply them to create something new. We write code today that someone might improve long after we've forgotten about it. We build things thinking about the future, not just the present.

So yes, in a way, all of us contribute to something bigger, some chain of curiosity and creativity that doesn't really end.

That's why this year's theme feels fitting.

Anantam isn't about being poetic or dramatic; it's simply about recognising that our ideas and voices matter beyond the moment we express them. And the Literati Club has always given space for that year after year, new people, new thoughts, new ways of looking at things.

This magazine carries the same spirit. Inside, you'll find work that came from late-night thinking, classroom conversations, personal struggles, and random sparks of inspiration. It isn't perfect and it doesn't need to be. It's real, and that's enough.

As you read through it, I hope you find something that stays with you, even for a little while. Something that makes you think about your own journey here.

Here's to Anantam, and to all the expressions that don't care about time.

And here's to everyone who contributed. Thank you for keeping this legacy alive and growing.

*Read, reflect, and rise always.*

Harsh Raut  
Chairperson  
Literati - The Literary Club

## **FROM THE STUDENTS' COUNCIL FACULTY COORDINATOR**



As we usher in another edition of VISTA, the annual literary magazine of VCET, I am filled with immense pleasure and admiration for the creative and intellectual brilliance showcased by our students. Over the years, VISTA has grown to become a beacon of expression and innovation, providing a platform for young minds to explore and share their thoughts, ideas, and imagination. The Students' Council stands as a testament to the vibrant student life at VCET, bridging the gap between aspirations and achievements.

It is a privilege to guide such dedicated and enthusiastic individuals who not only excel academically but also take active roles in fostering a holistic campus environment. The council has continuously been instrumental in organizing cultural, technical, and social events that leave long lasting impressions on our college community.

The Students' Council is responsible for the major events like Fresher's Party, Garba Night, Farewell and the Annual College Fest- ZEAL. The Zeal is the heart and soul of the Students' Council. The theme for which was Alchemy.

I encourage every student to participate in these events and take initiative to broaden the perspectives of the students, figure out their interests and take a break from the everyday life. I believe that along with the knowledge which the students gain in the classrooms, the experiences they gain outside are also important to nurture their behaviours and to make them better communicators.

I am immensely grateful to our management, Principal, Deans, Registrar, Committee-in charges and staff members for their continual support and encouragement that was crucial the past year a success. Also, I am grateful to our GS Mr. Omkar Joshi, and the entire team for their contributions to the Students' Council in various capacities. Lastly, I am certainly honoured and blessed to have such young, talented members who strive for utmost excellence for this committee and institution.

**Dr. Madhavi Waghmare**  
**Faculty Coordinator**  
**Students' Council**

## FROM THE GENERAL SECRETARY



Hello everyone,

Serving as your General Secretary has been the honour of a lifetime. My four-year journey in the Students' Council was one of continuous growth, starting in the Technical Team, moving to Admin Coordinator in my second year, and then taking on the responsibility of Deputy Treasurer in my third. Finally, leading this incredible team as the General Secretary has been the pinnacle of my college journey. Stepping into the General Secretary's role brought a unique kind of pressure, and privilege.

It was a year defined by balancing high-level vision with ground-level execution, where every decision had a real impact. This position didn't just test my organizational skills; it refined my ability to listen, mediate conflicts, and inspire a diverse group of passionate individuals towards a common, ambitious goal ensuring that we could make ZEAL demonstrably better than all previous versions. The sheer scale of coordination taught me leadership in its purest form - responsibility without ego.

The Council is not merely a cultural committee that organizes a few events; it is a profound opportunity to awaken perspectives that are truly beyond ordinary college life. Here, I gained vital exposure to finances, crisis management, handling authorities, skills, and insights that I simply couldn't have learned anywhere else. This council has truly been my family, shaping me through countless challenges and unforgettable moments.

I am immensely grateful to our coordinator, Dr. Madhavi Waghmare, for her unwavering guidance. My heartfelt gratitude and utmost appreciation go to my core team: Kartik Poojary (Deputy General Secretary), Vinayak Deore (Treasurer), and Pia Purohit (Cultural Secretary), whose dedication made everything possible. I extend this heartfelt gratitude to all the members of the entire Students' Council 24-25 for their tireless efforts, and my sincere appreciation to the BE team for their incredible support.

To my budding juniors, embrace this opportunity with seriousness. Treat every task, small or large, as a real-world project. Don't wait for a title to lead; start contributing your best work today. The bonds you form here, forged in late-night meetings and high-pressure moments, will be your lifelong professional network. Remember, the legacy you leave is not in the events you host, but in the positive changes you bring and the people you uplift.

I leave with immense pride and gratitude. Thank you for allowing me to serve you

Durvesh Kajrekar  
General Secretary  
Students' Council

## FROM THE SPORTS SECRETARY



Hello everyone,

It fills my heart with joy to look back on what we've achieved together in sports this year. Our dream is to build a community that lives and breathes the spirit of sports, and I believe we've taken a huge leap forward.

The most magical time for us was undoubtedly our annual sports festival, 'Avahan 2025'. We kicked things off with a beautiful opening ceremony on January 9th, and from January 10th to the 12th, our college was buzzing with incredible energy and passion.

It was amazing to see so many of you jump in and play your hearts out in everything from cricket to football and badminton. We saw friendships form and rivalries ignite, all in the spirit of good, healthy competition. This festival was a powerful reminder that sports have a unique way of bringing us all together.

The energy during our intra-college events, especially the tug-of-war and box cricket, was simply electric. It was more than just a competition; it was a celebration of teamwork, respect for one another, and the joy of playing the game.

I want to give a huge shout-out to every single person who participated. Your spirit and enthusiasm are what made Avahan a grand success. And to our incredible Sports Committee and volunteers, thank you for your tireless efforts behind the scenes. You were the true backbone of this event.

Let's continue to build this wonderful culture of sports in our college, where we celebrate every victory, learn from every defeat, and always lift each other up. It has been an absolute honour to be your Sports Secretary.

Ujjwal Upadhyay  
Sports Secretary

## FROM THE EDITORIAL HEADS



Dear Readers,

As we sit down to pen our message for this edition of Vista, our hearts are filled with gratitude and joy. This year's theme, ANANTAM Expressions beyond time, Echoes beyond space, speaks of the infinite i.e. the endless flow of thoughts, creativity, and connections that are beautifully nurtured by literature. To us, Anantam is not just a word, but a reminder that the stories we tell, the poems we recite, and the ideas we share have no boundaries they live on, shaping hearts and minds across time.

Our journey with Literati has been nothing less than magical. What began as small steps—curiosity, learning, and discovering eventually grew into moments of laughter, collaboration, and the kind of friendship that only a shared love for words can create. Serving as Editorial Heads alongside our wonderful team has been an honor we will cherish for a lifetime.

The past year has gifted us countless memories: the fiery energy of Faceoff, the cultural pride of Marathi Bhasha Diwas, the soulful rhythm of Kavi Sammelan, and many more. Each event reminded us of the boundless nature of expression and how words can unite us in ways nothing else can. Truly, Anantam has been alive in every gathering, every verse, and every voice.

We owe our deepest thanks to our readers, whose encouragement gives life to our work; to our guiding lights, Principal Dr. Rakesh Himte and Staff In-charge Ms. Swati Varma, for their unwavering support; and to our amazing team, who poured their hearts into making this edition a reality. Without them, this infinite journey would not have been possible.

As you begin to read this magazine, we hope you find in it a spark of inspiration, warmth, and connection that feels timeless, eternal, Anantam. May it remind you, as it has reminded us, that literature is not confined to words on a page; it is an endless journey of emotions, ideas, and hope.

Thank you for being part of this infinite story.

Niyukti Patil and Chinmay Satam  
Editorial Heads  
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# ENGLISH

SECTION

# ENGLISH EDITORIAL TEAM



**"WE ARE DEFINED NOT BY THE GROUND BENEATH OUR FEET, BUT BY THE HORIZON IN OUR VIEW."**

As I pen down this editorial, my heart is filled with gratitude and pride. Serving as the English Editor of Vista has been a journey of growth, creativity, and endless learning. Every edition we worked on was not just a magazine but a reflection of our dedication, teamwork, and the belief that words have the power to connect and inspire. This role has given me the privilege of witnessing the magic of collaboration, how individual ideas, when nurtured together, transform into something far greater. ANANTAM carries forward this very spirit, reflecting the stories within us and giving voice to the thoughts that often remain unspoken. It is proof of our contributors' vibrancy and imagination, whose words continue to resonate beyond the pages.

I would like to express my heartfelt gratitude to our respected Principal, Dr. Rakesh Himte, and our staff in charge, Dr. Swati Verma, for their constant guidance and encouragement. A special note of thanks to our Chairperson, Harsh Raut, for leading the committee with vision and commitment, and to my peers whose support made this journey truly memorable.

As I now pass the torch to the next team, I do so with the hope that they will carry forward this legacy with the same passion and determination. To every reader, I hope this edition gives you new perspectives, inspires reflection, and ignites fresh dreams. Let us continue to create, to inspire, and to transform, for every ending is but the beginning of something greater.

With gratitude and hope,

**Wajiha Kulsum**  
**English Editorial Head**  
**TE Computer**



**Eshika Agarwal**  
**English Editor**



**Diya Desai**  
**English Sub-Editor**



**Atiksh Ghuge**  
**English Sub-Editor**



**Poorva Jawale**  
**English Sub-Editor**



## ADDRESSES I COULDN'T KEEP



The first address I lost was a small village in the southernmost part of Ahmednagar. A remote village, a smaller population, and not much to do around. Not like I remember it, but my parents often tell me about this place. From all their descriptions, I can tell they had turned that little place into something of their own, with those wonderful neighbors, whose funny stories I still hear about.

On some random day, after my father's transfer, we left this place. They packed their bags and left. Even after decades, I am more than happy when they tell me stories from the place and feel what it was like when I was little. I don't remember anyone there, but I still feel what I potentially lost from all my other losses in life. This was the very beginning for me to lose people, even if I wasn't aware of them until this time. I wasn't aware of emotions at all.

My father's new workplace was another small village, closer to my ancestral village. Not something completely unexpected. My parents enrolled me in a local primary school. Well, first of five schools I would attend. I am not going to bore you with every time I left everything behind and changed my circle completely. But rather the memories and learnings it left me with. That small two-room school has a special place in my heart and will continue doing so.

This was the first time I actually felt what it really means to leave something behind. To say goodbye. And the place hasn't forgotten me either, thanks to my father. People in that village have a huge respect for him, and even after so many years, we still receive invitations to every small event or celebration there.

Like all parents, my parents too had worries for my good education and hence a good school. Although I believe it barely makes any difference in academics, or maybe it does. But big cities surely make more difference while providing you environment around you. So, this time we moved to a metro city.

This was the time I made really good friends and had a bunch of memories. My father's workplace was far from this place. He pulled through really long commutes back then, just so that me and my younger brother get the "better education." I don't know if the bookish learning made any difference, but the place really shaped us, and I am really grateful to my parents for whatever they gave us.



By now, you've probably figured it out: my father's transfers were my biggest enemy... or maybe, in some ways, a blessing. This time it was very near to my ancestral village. We lived in the home in my village. I used to travel to a nearby small town by bus to school. It wasn't easy to adapt suddenly to the place, especially after coming back from a metro city. I had everything available within walking distance, and now I sometimes had to wait for an hour or two to board the bus.

I didn't have any friends near home, but had many in school. All of us, from our small villages, used to gather in this town. The place gave me my long-lost obsession with football. It was strange that football was more popular there than cricket. I made some of my best friends here, people with whom I can even now share whatever's wrong with me and my life. Eventually, years passed by and I was at the very end of my school life. No, no, not another transfer or school change... as you might have become used to it if you read it till here. This time, it was ending forever; I was about to finish my boards.

Anyway, this time the phase lasted quite long, and with a proper farewell. Most importantly, this phase in my life gave me people to whom I can always circle back to. No matter how long or how much time after we meet, it's like same as it was back then. It's hard to put into words, but I know you too must have some of those people, and you too, can feel it.

And I was moving out again... This time, my whole family wasn't moving, nor was the cupboard that had been moving around for years getting packed inside a truck. This time it was just me and my one bag. To be honest, I had this thought: Why should I leave now? I can just go to the college near my hometown! It was comforting, but I am glad neither I nor my parents held this thought for long. I surely must have regretted it. The opportunities my current circle and place give, I hardly believe even half of it was possible there.

It wasn't the end of loss, though; all of my friends are still there in local colleges. I sometimes feel bad seeing their social media posts and hangouts together, while thinking I could have been there. For them, I'm the "overachiever," just because I moved to a big city. But I know I'm not. What this really makes me do is appreciate the privilege I had, the chance to move out. To me, it often feels insignificant, just another step. But for someone else out there, it's a dream.

But this is it, it was all I could get, perhaps the best I could get. Besides all this, I still think of all those people who meant so much once. As Marcus Aurelius said, "Time is a river that carries everything away." Even though nothing will matter later, it's still necessary to act and be good while in your hands. To love, to laugh, to create, to do whatever the heart asks for. And this current phase of my life? Maybe it is also a memory of tomorrow. It surely is. I found a few, but really great people here, and I am really grateful to destiny for all the wonderful people it has blessed me with... You might be wondering why I am feeling so much for long-lost places and faces. I think it is the whole point of having a heart, "to feel so much." What else is a heart there for?

Omkar Ugalmugale  
TE - CSE(DS)



# ANANTAM

EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE



## ANANTAM: KALIYUG'S MIRROR



Kurukshetra's dust still stains our feet,  
Where dharma and adharma meet.

Krishna's words still burn like fire,  
Yet greed and lies climb ever higher.

Arjun's bow lies cracked in mud,  
We trade our truth for tainted blood.

Ganga chokes on plastic dreams,  
Ashwatthama's curse still screams.

Yudhishtir's dice now roll in courts,  
Justice auctioned, twisted reports.

In Kaliyug, the blind still rule,  
Duryodhan laughs, we play the fool.

Where dharma fought on arrow's edge,  
We bend our spines at profit's ledge.

Satya is ink on pages torn,  
Each birth betrayed the day it's born.

Yet deep below this rotting game,  
Anantam flickers, all the same.

A whisper in a poisoned well,  
A truth too deep for gods to sell.

So stand, if you remember still,  
A vow unbroken, iron will.

Kurukshetra lives inside our chest,  
In Kaliyug, truth's final test.

**Shreya Mondal**  
**SE - COMPS**

## BIRDS



I am the bird of the azure sky,  
Can't leave it even for a while.

Why am I confined in this cage,  
For my entire age?

Days come and go,  
Yet I still cry and cry.

There's nothing to do,  
Except face this dreadful truth.

I yearn to fly in the azure sky,  
Sleep with pleasure through the night.

There are grasses and friends along the way,  
But in my cage,  
helpless I stray.



One day,  
this dream shall come true,  
And I will soar in my azure blue.

**Wajiha Kulsum**  
**TE - COMPS**

## CORRUPTION IN INDIA



Corruption is one of the main setbacks in the political system of our country. Reports show that around 921 billion rupees, or 5 percent of India's GDP, is lost through various forms of corruption.

Doesn't it amuse you how such great revolutionary ideas are spoken about in one of the so-called leaders' speeches, apparently brought into action by them, yet never seem visible to us?

How the crowd breaks into applause and cheers at the announcement of a new educational reform during a public gathering, used only to gain that "winning applause" and those "votes" from the people. Meanwhile, a small child sitting in a slum still dreams of how he, she, or they would look in a school uniform, or how it feels to sit at a desk, all because of a petty officer who couldn't refrain from filling his pockets amidst a noble cause!

How it takes months and months for a road to be built, even when public safety is threatened due to accidents, but the exact same road gets completed overnight just because it's on a politician's rally route. Long gone are the days when bribes were an under-the-table phenomenon. Today, the major criterion for landing a job is not eligibility, but the ability to bribe the official conducting the interview.

The word "donation" in college and school admissions has become more common than ever. It's less of a donation to the institution and more of a payment to overpaid officials in the name of "charity."

The government should definitely consider introducing "value education classes" for adults as well, that is, if the policy can actually reach the local authorities and government officials this time around.

We must spread awareness about the fact that corruption may get the work done temporarily, but while someone is getting something merely because they can pay for it, someone else, who truly deserves it, is missing out.

Being aware and standing against these practices is the only way corruption can be reduced, allowing fair chances for everyone.

If better individuals are given opportunities, the country will have a stronger political system and more reliable officials to depend on, and as a result, our nation will truly become the one we dream of!

**Diya Desai**  
**FE - EXTC**



## EMBRACING INDIVIDUALITY



I want to talk about something that I believe is very important for humans to understand: our individuality and uniqueness, and why we should embrace them. As a person myself, discussing this topic might not seem to make sense, because I too, sometimes feel insecure about myself. But while exploring and studying this topic, I've learned so many things that I wanted to share with you all.

Before diving deep, let's define what "embracing" really means. It means accepting ourselves as we are, and appreciating our unique qualities and individuality, the differences that make us special and distinct. We live in a world that often tries to tell us what's beautiful, what's acceptable, and what's not. The feeling of insecurity doesn't come from within us; it arises when we compare ourselves with others or when we are told that we are not good enough. So, my first advice is: never compare yourself with others. Everyone is unique and beautiful in their own way. Comparing yourself to someone else is like comparing glass to a mirror; both are made of the same material, but they serve different purposes.

Secondly, be confident. Feel confident. If you are insecure about something, show yourself and others that you're secure. When you do that, people are less likely to criticize you. However, avoid pretending to be confident just for others while not truly accepting yourself from within. Respect yourself, and others will follow.

Embracing individuality is not just about self-acceptance; it's about self-love. It's about recognizing that your differences are not your weaknesses, but your strengths, your superpower, and something to be celebrated! Celebrating uniqueness means embracing and valuing the qualities that make us who we are. God loves us deeply; He created us with love. He knows every detail about us. He literally gave His life for our sins. What more proof of love could we ask for? Let's appreciate and praise Him, rather than doubting His creations. So, just love: love yourself and love God.

My last advice is for those who make others feel insecure through taunts or by being disrespectful. I urge you to stop this. I've seen many people in this generation think they look "cool" while being racist or disrespectful toward others, yet when they face the same situation, they can't handle it. So, think before you speak.

I urge you: don't try to fit in, don't try to be like everyone else. Be fearless. Be yourself. Stand out. Uniqueness is your gift. Celebrate it. Don't change yourself so that other people will like you. Be yourself so that the right people will love you.



I'll conclude with a quote by Ralph Waldo Emerson:

"To be yourself in a world that is constantly trying to make you something else is the greatest accomplishment."

**Malati Mahadik  
NSS VCET**

## EVERYONE KNOWS



You know, I know, We know  
The element amongst us  
Fierce, strong and wild

Never ever strived to distinguish  
Pride from herds  
Escorting the same trail  
A woollyback in the crowd

Still tend to equate with others  
Shut out from being autochthonous  
Maybe to overawe or hide inhibition

But don't savvy to understand that being the only  
flower in the bush is still sublime  
How the floret makes its way, takes its time  
And turns into a paragon  
Everyone admires it, watches it grow and  
spreading its aroma

Many have come to blemish  
Still the floret stands there  
Strong, fresh, aromatic  
Swaying everyone

It has many advocates  
The natural elements positioned about  
Lives long the floret  
Lays down in appeasement

Just like that floret  
We grow, we sway

That's why  
You know, I know, We know  
How long we would stay

**Poorva Jawale  
FE - COMPS**

## ENSURING WOMEN'S SAFETY IN INDIA: A COLLECTIVE EFFORT



Women's safety in India remains a critical concern, encompassing various issues ranging from domestic violence and sexual assault to harassment in public spaces. While laws, and government schemes exist to protect women, a deeper societal transformation is imperative.



## Challenges and Root Causes

A fundamental challenge is the deeply entrenched patriarchal mindset that often normalizes violence, and perpetuates the subordination of women. This culture can lead to victim-blaming, and discourages women from reporting crimes. Economic dependence, and lack of awareness about legal rights further exacerbate women's vulnerability. Additionally, an overburdened justice system with abysmally low conviction rates delays justice, eroding public trust. The absence of safe infrastructure such as poorly lit streets and unsafe public transport compounds these risks.

## Moving Forward

The government has launched several initiatives, including the Nirbhaya Fund for safety projects and helplines like 181 to provide immediate support. Laws such as the Protection of Women from Domestic Violence Act, 2005, and the Sexual Harassment of Women at Workplace Act, 2013, constitute crucial legislative frameworks. However, genuine safety can only be achieved when these legal provisions are effectively implemented and enforced.

Beyond legislation, the solution lies in a comprehensive societal shift. This involves educating both men and women on gender equality from an early age, promoting mutual respect, and cultivating a culture where women feel empowered to voice their concerns. It requires active community participation, bystander intervention, and a police force that is sensitized and responsive to women's issues. By working collectively, we can forge an India where every woman feels safe, respected, and free to live without fear.

## FROM SILENCE TO SPARK



The world was once a blur of signs,  
Of hidden words and tangled lines.

But someone taught me how to see,  
The sounds, the letters, their melody.

Now every page is an open door,  
To places I've not seen before.

Street signs guide me,  
books inspire,  
Each word a spark, a glowing fire.

Literacy gave me light and voice,  
A chance to dream,  
a path, a choice.

On this day we celebrate the way,  
Reading brings hope to all, each day.

**Atharv Karekar  
NSS VCET**

**Shrushti Panchal  
NSS VCET**



## HAPPY MOTHER'S DAY



A mother's love, so warm and true,  
A guiding light in all we do,  
Her gentle hands, her caring smile,  
Make every moment feel worthwhile,  
Today we pause, our heart we say,  
Thank you Mumma, Happy Mother's Day!

**Samruddhi Kharawade  
NSS VCET**

## MONEY OR HAPPINESS—WHAT ARE WE REALLY CHASING?



Let's get to real deep talk. We all want and aspire to be crazy rich, right?

Everyone around me is like, "Get good marks, get a good job, earn lots of money!" But why? To buy what? Material things we purchase just to show off?

I see my dad working hard every day and night, tired, stressed, always worried about bills. He earns decent money, but is he happy? I don't think so.

Then I see this watchman uncle from my building every day. He's always chill and smiling, always joking with everyone. He doesn't have much money, but he looks happier than most rich people I know.

So, what's the deal here?

I think we are trapped in a matrix that takes away our freedom and makes us do "society things." Someone told us money equals happiness, and we believed it like idiots.

Don't get me wrong, I'm not saying money is bad. We need it, every day we need money to survive. But after that, what? How much money is enough money?

More money just means more problems, more stress, more things to worry about.

What I really want is simple:

- Sleep peacefully at night
- Enjoy with my friends

Not worry about timelines or things and be free to do what I want to do.

Help people when I can feel good about myself and really chill.



So, do all these really need a lot of money? I am happiest when I help someone, learn something cool, spend time with family, or chill with friends, not when I buy something expensive.

The truth is, happiness is already inside us. We just keep looking for it in shopping malls, and bank accounts.

Stop chasing money like it's everything. Choose freedom to do whatever you want, real friendships, and real connections.

Money will come and go, experiences and happiness stay.

**Vishal MP**  
**NSS VCET**

## IN A REGION OF UNCERTAINTY, INDIA REMAINS STEADY



In the last few decades, most governments around the Indian subcontinent have faced unrest due to internal or external politics. From Afghanistan to Bangladesh, and from Nepal to Sri Lanka, India has emerged as a strong and stable power.

### Independence Scars

During independence, India faced a tough journey to unite itself. The legacy of the Iron

Iron Man who stitched together 565 princely states Sardar Vallabhbhai Patel greatly influenced India's future leaders. Junagadh, Hyderabad, Goa, and Janjira fought directly against integration into India. Leaders like Pandit Jawaharlal Nehru, Lal Bahadur Shastri, Indira Gandhi, and Atal Bihari Vajpayee built on Patel's legacy to create a secure and unified India.

### Ethnic, Regional, and Cultural Identity

When there was strong demand for statehood, it was granted along with recognition of ethnic, regional, and cultural identities as seen in the cases of Telangana and the Seven Sisters. Linguistic demands were acknowledged, unlike what happened in Pakistan during the birth of Bangladesh.

Even small gestures, such as giving every state and Union Territory (UT) a chance to present its tableau (jhanki) during national celebrations, help integrate cultural differences.

### Economic Policies

India's economic policy includes Progressive Fiscal Transfers, under which funds collected from wealthier states like Maharashtra and Gujarat are distributed to states with lower per capita income, such as Bihar.

Uniform economic measures like One Nation, One Taxation (GST) and UPI further strengthen the economy. States like Haryana and Punjab, which have boosted food production, supply grains to the entire nation through the Minimum Support Price (MSP) and Direct Benefit Transfer (DBT) schemes.

When reform was needed in 1991, the government introduced policies of globalization, liberalization, and privatization. These measures helped India avoid an economic depression that could have led to divisions as occurred in Sri Lanka.

### Religion and Culture

Bharatvarsh was portrayed as the Indian subcontinent in mythological epics like the



Ramayana and Mahabharata. These stories shaped the patriotism and faith of the people. The rights of all beliefs were protected under the principle of secularism enshrined in the Preamble of the Constitution.

The Bhagavad Gita contains the verse:

अयं निजः परो वेति गणना लघुचेतसाम् ।  
उदारचरितानां तु वसुधैव कुटुम्बकम् ॥

(Translation: "Only small men discriminate saying: One is a relative; the other is a stranger. For those who live magnanimously, the entire world constitutes but a family.")

This verse discusses global integration a value India often reflects in its diplomacy and unification efforts.

#### Corruption

Corruption cases in India have been addressed through strict actions. Nepal's government failed to manage similar issues, leading to widespread protests by Gen Z. In India's history, instances like the 2G scam, coal scam, and Commonwealth scam all led to major investigations and resignations of the leaders and bureaucrats involved.

#### Military Coup

Military coups were avoided in India because the Constitution maintains a strict separation between the armed forces and politics. This distinction allows the military to serve the nation without political interference preventing situations like those in Pakistan and Myanmar.

#### Foreign Policy

India's Non-Aligned Movement (NAM)-based foreign policy prevented foreign powers from exerting undue influence on the country unlike Afghanistan, which became a battleground between the USSR and the USA during the Cold War.

#### Emergency

The Emergency (1975–77) was a dark chapter in India's democracy. Yet, a united India displayed strong discipline during this period. The

government suspended fundamental rights, which allowed it to target separatist movements like Khalistan and insurgencies in the North-East in a systematic manner. This centralized control helped maintain India's stability and unity during turbulent times.

**Atharva Ghag**  
**NSS VCET**

## REGRET AND HOPE



Though I have a sense of regret,  
There is a beacon of hope for tomorrow.  
As the sad night looms on,  
So is happiness felt in the morrow.

Why not come forth with a hope,  
To do away with pain and sorrow.  
In this sense, we realise,  
For everything there is a time to borrow.

As humans, what better to hold on to?  
Than the key to a better tomorrow.

**Pranavakumar Murali**  
**SE - CSE(DS)**



## SAVITA'S JOURNEY – A REAL STORY OF LITERACY



Savita grew up in a small village in Udaipur, Rajasthan, where sending girls to school was rare. By the age of twelve, she was already married, and her days were filled with cooking, cleaning, and looking after the family. Books and education remained a distant dream. Even in her twenties, she couldn't read a bus number, check the expiry date on a packet, or sign her own name. She always had to depend on others for the smallest things, which made her feel helpless.

In 2005, something changed. Under the Saakshar Bharat Abhiyan (Adult Education Mission), literacy classes began in her village. At first, Savita was shy and wondered if it was too late for her to learn. But slowly, with patience and persistence, she started attending classes. Step by step, she learned to recognize letters, read simple words, and write her own name proudly. Within a few months, she was reading in Hindi and even doing basic sums.

That little change opened big doors. She could now travel on her own, read medicine labels for her children, and help them with their schoolwork. More than anything, Savita discovered a new confidence within herself. From a woman who once felt voiceless, she became someone others in the community looked up to.

Inspired by her journey, she later began teaching other women in the village who had never been to school.

Savita describes her experience in the simplest words:

“The day I learned to read, it felt like I had opened the door to a new world.”

**Shreya Agnihotri**  
NSS VCET

## STARING AT THE STARS



Sitting beneath the sky, staring at the stars,  
I wonder...

What was their past like?  
Was it blurred, dull, and forgotten like mine?  
Or was it framed in golden light, untouched by time?

Sitting beneath the sky, staring at the stars,  
I wonder...

What is their present like?  
Is it uncertain, anxious, and afraid like mine?  
Or is it steady, calm, and perfectly aligned?

Sitting beneath the sky, staring at the stars,  
I wonder...

What will their future be like?  
Will it be hopeless, dim, and lost in the night?  
Or will it shine with warmth, with endless light?

Sitting beneath the sky, staring at the stars,



Sitting beneath the sky, staring at the stars,  
I wonder...

## THE DARK SIDE OF WHALING

**Sandnya Vishvas Vartak**  
**SE - COMPS**



## THE COST OF CARING



I've turned people into homes,  
And I ended up homeless...

I've made people my hope,  
And I became hopeless...

I've asked people for help,  
And I was still left helpless...

I have made people my whole life,  
And now, I am lifeless...

**Niyukti Patil**  
**BE - IT**

### Introduction

Marine life plays an important role on our planet, yet some aquatic animals such as whales, among the most beautiful marine creatures, are being brutally killed. It seems illegal, right? Unfortunately, according to some governments and people, it is not.

Every year, thousands of whales are killed in the name of tradition and trade. This cruel practice continues to support industries that use whale meat and sperm oil to make various products, even weapons. The real question is how and why they are still being killed. This dark side of whaling remains unknown to many.

### History of Whale Hunting

Whale hunting started decades ago, by Norwegians being the first to start whaling, followed by the Inuit who hunted in the Arctic Ocean, the Basque hunted in the Atlantic, and the Japanese in the Pacific Ocean.

In the early 19<sup>th</sup> century, scientists reported that more whales were hunted than in the previous three or four centuries combined. As a result, whales were declared an endangered species.

Hunters used heavy harpoon guns as weapons, launching them directly into the whales' bodies, where they exploded like bombs inside. Later, sperm oil extracted from whales was even used to make missiles.

Today, whaling is still practiced in Japan, Norway,



and Iceland, mainly for meat used for humans, pets, farms, and even under the claim of “research.” Tragically, this practice continues to affect all kinds of whales and dolphins. But is it really necessary to kill thousands of these intelligent creatures every year? It is truly sad that whaling has not been fully banned yet.

#### Impact on Marine Life

Whales are vital to the ocean ecosystem. Their decline affects the entire marine food chain, leading to reduced phytoplankton levels, tiny plants that produce most of the Earth’s oxygen and absorb huge amounts of carbon dioxide.

When whale populations decrease, it disrupts the carbon cycle, biodiversity, and even the global economy. Clearly, the whaling industry disturbs the balance of marine life and the health of our planet.

#### Call to Action

These huge creatures must not be pushed toward extinction. To stop whale hunting, we must spread awareness, educate people, and support organizations that fight against whaling.

One legendary activist, Paul Watson, has dedicated his life to ending this cruelty. Since his teenage years, he has fought for marine life through his organizations: Sea Shepherd and the Captain Paul Watson Foundation. He has even gone to jail for his anti-whaling efforts. His courage and determination have led to the closure of several whaling industries worldwide.

We can support Paul Watson and others like him by following their initiatives, donating, or simply sharing their message. Every voice matters; even small efforts help protect these magnificent beings.

“It’s a war to save the planet from ourselves.”

— Paul Watson

**Malati Mahadik**  
**NSS VCET**

## THE LORD AND HIS WILL



The Lord is my Shepherd.  
Even though I walk through the valley of the  
shadow of death,  
I will fear no evil,  
For the Lord is with me.

**Mandar Sawant**  
**NSS VCET**

## THE NEW SEASON



Those days have come  
Those birds have come  
New sunshine, new air  
New thoughts, new flare

A fresh season  
A fresh start  
The environment is so,  
makes us go far



# ANANTAM

EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE



The ray of sunshine encourages, every now and  
then

The air has a melody, flowing  
And that's when we wonder what we are doing

We wish new joy, new practices  
A new season, just like a new year  
New feelings, new wonders

Old remembrances, old memories  
We hide a beam on the face  
And carry forward the drill with grace

We explore, we experience  
In the awe of new expedition  
The new days, new birds, new sunshine, new air  
brings out a new shadow of us

We may not perceive but as the season changes,  
we change  
We grow, we commute, we prosper

**Poorva Jawale**  
**FE - COMPS**

## THE PRICE OF DREAMS



Sacrificing sleep is the price that the dreamers  
pay,

Focus runs deep when the world turns away.  
Failure may bend them,  
Each scar is a story that lights up the way.

They stumble through nights where the doubts  
never rest,

But courage keeps burning inside of their chest.

Storms try to break them,  
Yet passion and purpose will fuel every test.  
The nights may grow colder, the hours feel long,  
But whispers of victory sing like a song.  
Darkness won't claim them,  
Their vision of greatness keeps pulling them  
strong.

One day, the horizon will open its skies;  
The sweat and the tears will be worth every rise.  
Shadows won't bind them,  
The fire of triumph will shine in their eyes.

**Taanya Nigam**  
**NSS VCET**

**UNTIL NEXT TIME..**



It feels like yesterday when we said,  
We have four more years to spend.

So many moments still unsaid,  
And now, this has come to an end.

The times when lectures were online,  
No one really knew each other.  
But now we even know their sign,  
And can save them from defaulter.

From being afraid to bunk the class,  
To bunking all lectures together,



# ANANTAM

EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE



To participating together in "zeal" dance,  
We have lots of memories to remember.

From cheering each other in "avahan",  
The sound of "go IT!" echoing everywhere.

To helping each other before exam,  
Would you find these elsewhere?

The good time when "litfest" is near,  
The question which has no answer arise,  
"Who will participate in face-off this year?"  
And which department will win the prize?

We met so many people in these years,  
Through committees, competitions and events.  
People from different departments and years,  
Who eventually became our closest friends.

All these years, we fought with each other,  
Never really realized we won't get this time again.  
These might be our only memories together,  
These friendships might be our largest gain.

"In touch we will stay" we all will say,  
But we know we will all move away,  
Just to receive our monthly pay,  
And maybe forget everyone some day.

But someday, when we cross path,  
With each other we would definitely talk.  
Because in us we have a warmth,  
Creating a bond that will never balk.

**Niyukti Patil**  
**BE - IT**

## WHISPERS OF A BIRTHDAY DIARY



Birthdays always carry this spark of excitement. We wait for them like a festival of our own imagination, filled with surprises, laughter, and moments that will make us feel special. I too had built that picture in my head, certain that my day would unfold like the perfect story. But life, as always, had a different script ready. The morning started beautifully. Phone calls, warm wishes, and cheerful voices made me believe the day was going to be golden. With that happiness, I went to college, hoping it would only get brighter. But the first surprise was not what I had planned: 'My Practical got cancelled'. Suddenly, I was left sitting alone in the library. Rows of books surrounded me, each one carrying its own world of adventures, while mine felt strangely dull. For a moment, I wondered: was this really how my special day was meant to go? Still, I carried hope. I thought, "My friends will make it better, they always do". But as the hours went by, something felt off. They seemed to have forgotten. The silence around me grew heavier until finally, I had to say the words myself: "It's my birthday today". That moment felt like unwrapping a present only to find nothing inside. A mix of embarrassment and disappointment clung to me the entire day. Even later, when I waited for my friends, time kept slipping away like sand through my fingers. I went home, tired but not just in body but in heart. It wasn't the day I had imagined, not even close.



But later, as I sat down with my diary, I realized something important. Maybe birthdays are meant to stir emotions we don't fully understand. They magnify our expectations, reminding us that joy and sadness can walk hand in hand. The tears that fall on birthdays are not our weakness; they're a quiet sign that we're growing, reflecting, and learning about what truly matters. That day didn't give me balloons or grand surprises, but it gave me a story. A story I now carry with me, written in the pages of my diary, 'a reminder' that even imperfect days have a way of shaping us. Sometimes, the lessons we don't ask for become the ones we need the most.

**Madhura Lad**  
**NSS VCET**

## LANGUAGE IN THE DIGITAL ERA



In a realm of endless scrolling streams,  
Truth vies with viral themes.  
Falsehoods wear a royal guise,  
While quiet books lie unread, unrecognized.  
Yet literacy stands as our defence and art,  
A guiding light for the wandering heart.  
Not merely to read, but to discern and judge,  
To question, analyze, and learn without a nudge.  
As algorithms dictate what we view,  
Critical thinking must remain steadfast and true.  
For every headline, every dubious claim,  
We pursue knowledge, not fleeting fame.

Today's literacy transcends the printed page,  
It's understanding what—and how—to engage.  
A skill to protect both voice and choice,  
To ensure the future retains its genuine voice.  
So let us read, reflect, and share,  
To forge a world that's just and fair.  
For in every mind where wisdom takes root and  
grows,  
A brighter path for all humanity shows.

**Disha Makharia**  
**NSS VCET**

## TWENTY BURNS LIKE COPPER



Twenty burns like copper pennies,  
Behind my ribs, I taste the weight of summers  
that have turned to amber on my tongue.  
In Nani's cathedral-like courtyard,  
cotton prayers hung clean and white,  
and their hymn of soap and sunshine still  
reverberates in my marrow.  
When I was a sparrow, I would steal green suns  
from her gnarled tree,  
kiss the earth with salty tears,  
when gravity was only a gentle whisper.  
Creating empires of colour on walls that  
welcomed my rebellion,  
my fingers, rivers of paint that flooded canvas-  
lands and skin-continents.  
Rain was our orchestra conductor—we,  
the dancing notes scattered everywhere,



Builders of imaginary kingdoms,  
siblings crowned in mud and thunder.

I am now a museum of moments when children spoke in joyous tongues,  
when we were prophets of our own making.

**Roma Dzousa**  
NSS VCET

## HOPE AND HUMANITY



As I stare into the abyss,  
hoping for a better tomorrow,  
I look at today's problems with pain and sorrow.

Without time to listen to the melodies of a  
swallow,  
Are humans today working for a better  
tomorrow?

Staring into the abyss as I do,  
Making apart right from wrong,  
Though what we think of as good,  
May come with a touch of evil.

Hoping for a life with riches and comfort,  
Forgetting their family for work and effort.

Building a life without compassion —  
Is the cause of humanity a worthy one?

What better than hope to console,  
To find love in everyone.

Hoping for a love-filled future,  
Hoping for a purpose-filled life.

Hope is but the oil in a lamp,  
Sans it, life feels dark.

The seed of hope, when sown in the ground,  
Success is the harvest we find above.

Through hard work round the clock,  
Weeds of failure we weed about.

Who's a human who does not err?  
What is human if not to feel?  
Who's a human who does not fail?  
Are we human if we don't even try?

**Pranavakumar Murali**  
**SE - CSE(DS)**



## A BRIGHTER FUTURE



In pages wide, with words so near,  
A world awakens warm and clear.  
Dreams take flight, with hope and  
light,

Each book a flame that makes us  
bright.

Line by line, the journey grows,  
Through every phrase, new wisdom  
flows.

Knowledge blooms like morning skies,  
A gentle spark in eager eyes.  
So, on this day, we pause to say,  
Thanks to the hands that paved the  
way.

For every child, each searching heart,  
To learn, to write, to play their part.

In stories simple, tales profound,  
The voice of humankind is found.

This Literacy Day, let's stand and share  
A brighter future bold and fair.

**Kalp Kothari**  
**NSS VCET**

# २

# हिंदी

# विभाग

# HINDI EDITORIAL TEAM



सादर नमस्कार,  
शब्दों की शक्ति, विचारों की अभिव्यक्ति और भावनाओं का अद्वितीय संगम – यही हिंदी भाषा की पहचान है। हमारी यह मातृभाषा न केवल संचार का माध्यम है बल्कि हमें हमारी जड़ों और संस्कृति से जोड़ने का सबसे सशक्त साधन भी है।

हिंदी जब २८ राज्यों और ८ केंद्रशासित प्रदेशों में एकता का सूत्र बनती है, तब यह "हिंदुस्तानी" कहलाती है। यही हिंदी हमारे दैनिक जीवन में सहजता और अपनापन लाती है। यह विचारों को दिशा देती है, प्रतिभा को पहचान दिलाती है और संस्कारों को पोषण देती है।  
देवनागरी लिपि में लिखी जाने वाली हिंदी की सबसे बड़ी विशेषता इसकी सरलता और लचीलेपन में है। यही गुण इसे अन्य भाषाओं से अलग और विशेष बनाते हैं। यदि हम सब मिलकर इसे सम्मान देंगे, तभी हमारी राष्ट्रीयता और संस्कृति की "एकता" बनी रह सकती है।

मैथिलीशरण गुप्त की ये पंक्तियाँ –

“हिंदी हैं हम, वतन है हिंदुस्तान हमारा, हम बुलबुले हैं इसकी, यह गुलिस्तान हमारा।”

ऐसी पंक्तियाँ हमें यह स्मरण कराती हैं कि हिंदी केवल संवाद का साधन नहीं बल्कि आत्मा और संस्कृति का दर्पण है।

आज के वैश्विक एवं आधुनिक युग में हिंदी केवल भारत तक सीमित नहीं रही। यह संयुक्त राष्ट्र जैसे अंतरराष्ट्रीय मंचों पर भी अपना स्थान बना रही है। साहित्य, सिनेमा, मीडिया और डिजिटल माध्यमों के जरिए हिंदी दुनिया भर में फैल रही है। महात्मा गांधी ने कहा था –  
“राष्ट्र की भाषा हिंदी होनी चाहिए।” उनके इस स्वप्न को आज नई ऊर्जा और नए प्रयोगों के साथ साकार किया जा रहा है।

संक्षेप में, हाल ही के समय में, हिंदी साहित्य परंपरा और आधुनिकता का संगम है, जो एक ओर अपने सांस्कृतिक मूल्यों को संभाल रहा है और दूसरी ओर वैश्विक मंचों पर अपनी जगह मज़बूत कर रहा है। रामधारी सिंह 'दिनकर' (राष्ट्रकवि) जी की यह पंक्तियाँ-  
“हिंदी हमारी राष्ट्रभाषा ही नहीं, यह आत्मा की आवाज़ है।”

यह वाक्य दर्शाता है कि, हिंदी केवल संवाद का माध्यम नहीं, बल्कि भारतीय आत्मा और राष्ट्रीयता की पहचान है।

हिंदी साहित्य और हिंदी भाषा दोनों ही हमारे जीवन का अभिन्न हिस्सा हैं। साहित्य हमें चिंतन देता है और भाषा हमें अभिव्यक्ति का माध्यम। संत कबीर, दिनकर से लेकर प्रेमचंद तक, और सभी साहित्यकारों ने इसे जीवन्त और प्रासंगिक बनाए रखा। हमें गर्व होना चाहिए कि हिंदी केवल भाषा नहीं, बल्कि हमारी संस्कृति, अस्मिता और राष्ट्र की आत्मा है।

**Jyoti Dhangada**  
**Hindi Editorial Head**  
**TE CSE(DS)**



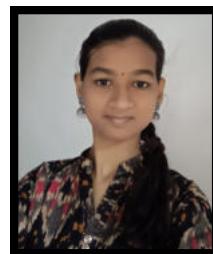
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## प्रकृति रक्षण



प्रकृति जो है माता जैसी,  
धर्ती, कर्ती, भर्ती जैसी।  
प्रकृति-हित में करें विकास,  
मनुष्यों का हो यही प्रयास॥

विश्व-विनाश को टालें हम सब,  
प्रकृति का सम्मान करें हम।  
नदियों को सुस्वच्छ करें हम,  
बागों में नव-फूल खिलें सब॥

प्रदूषण को है वश में करना,  
प्रदूषित को परिवर्तित करना।  
वृक्षारोपण, वन-संरक्षण,  
मंत्र को आत्मसात है करना॥

उद्देश्य समुद्र की सीमा रखना,  
भावी पीढ़ी का भाग्य साधना।  
ईश्वर-दत्त कर्तव्य निभाना,  
पृथ्वी नन्दनवन-सा बनाना॥

दायित्व हमारा प्रकृति-रक्षण,  
जागृत हो सब मानव-जन-गण।  
विश्व-विनाश से विश्व-विकास,  
यही है आशा, यही प्रयास॥

— प्रणवकुमार मुरली  
SE CSE(DS)

## मेरी प्यारी बहनें



दोस्ती है मगर दोस्त नहीं,  
दुश्मन है मगर दुश्मनी नहीं।  
मेरी प्यारी बहना।

नीले गगन की ऊँचाई जितने ख्वाब उसके,  
चाँद से बातें करती वो,  
मेरी प्यारी बहना।

परेशान भी करती वो,  
प्यार से गले भी लगती वो,  
मेरी प्यारी बहना।

मेरी दो आँखों के तीन गहनें,  
मेरी प्यारी बहनें ॥

— प्रणव शिंदे  
SE CSE(DS)

## अनंतम - समय से परे, सीमा से परे





जिंदगी को हम घड़ी या कैलेंडर से नापते हैं।  
दिन, महीने, साल... सब सीमित लगते हैं।  
लेकिन जो दिल से निकला भाव होता है,  
एक कविता, एक चित्र, एक विचार, उसकी कोई सीमा नहीं  
होती।  
यही है अनंतम।

सोचो, कोई कवि जिसने हजारों साल पहले लिखा,  
वह आज भी हमें प्रेरित करता है।  
कोई पुराना राग सुनकर भी दिल भर आता है।  
एक मुस्कान, एक याद, एक पंक्ति, ये सब समय के साथ  
समाप्त नहीं होते,  
ये सदा गूंजते रहते हैं।

आज के डिजिटल युग में यह बात और भी सच्ची लगती है।  
मुंबई में लिखा कोई विचार, एक पल में न्यूयॉर्क, टोक्यो या  
लंदन तक पहुँच जाता है।  
कोई छोटी सी चित्रकला जब इंटरनेट पर साझा की जाती है,  
तो वह पूरे संसार के लोगों को प्रेरित कर सकती है।  
भावनाएँ सच में सीमाओं को पार कर जाती हैं।

सच तो यह है कि हम जो रचना करते हैं,  
वह केवल अपने लिए नहीं, बल्कि सबके लिए होती है।  
कोई कहानी अपने लेखक के बाद भी जीवित रहती है।  
कोई गीत गायक के जाने के बाद भी सुनाई देता है।  
हमारे भाव और हमारे शब्द जीवन को नई दिशा देते हैं, जो  
सदा ही चलती रहती है।

अनंतम हमें यह याद दिलाता है कि  
हमारे शब्द, हमारी भावनाएँ और हमारे विचार कभी नष्ट नहीं होते।  
यह एक असीम चित्रपट है, जिस पर हर भावना अमर बन जाती  
है।  
अभिव्यक्ति केवल एक क्षण में नहीं होती, यह अनंत यात्रा होती है।  
तो चलो, लिखें, रचें और बाँटें, अनन्तता की सीमा लाँचें ॥

— यश गुरव  
TE CSE(DS)

## अपनापन



बंद गुफा की गूंज में जैसे,  
सुकून का सन्नाटा होता है।  
साथ कुछ नमूनों के वैसे,  
मन खुशी से मुस्कुराता है।



जगह होती है वहीं अकेले भी,  
पर वहीं बन जाती है स्वर्ग-सी,  
जब साथ कोई हँसने का बहाना होता है।

होते हैं कुछ खास लोग,  
जिनके साथ सजा भी अच्छी लगती हैं।  
जिनकी गालियाँ भी मिश्री जैसी,  
और कहानियाँ भी सच्ची लगती हैं।

वो लोग जो चिढ़ाते भी, बचाते भी,  
जो गलती साथ करते, साथ सुधारते भी।  
जो बहलाते भी, समझाते भी,  
जो पागल भी है, और प्यारे भी।

— ईशा सावंत  
NSS VCET

## आत्मलेखन



चिंतन करती हूँ कभी मंथन करती हूँ  
मैं अपने जीवन से एक प्रश्न करती हूँ  
क्या लक्ष्य है? क्या कर्म है?  
क्या है कर्म की परिभाषा?  
चिंतन करती हूँ कभी मंथन करती हूँ  
मैं अपने जीवन से एक प्रश्न करती हूँ।

योग साधना के इस तप में,  
क्या है सफलता की परिभाषा?  
प्रतिभा की इस आंधी में,  
क्या है कौशलता की परिभाषा?  
चिंतन करती हूँ कभी मंथन करती हूँ  
मैं अपने जीवन से एक प्रश्न करती हूँ।

सत्य-असत्य के इस मार्ग पर,  
क्या है पवित्रता की परिभाषा?  
धर्म-अधर्म के इस युग में,  
क्या है सनातनी की परिभाषा?  
चिंतन करती हूँ कभी मंथन करती हूँ  
मैं अपने जीवन से एक प्रश्न करती हूँ।

उचित-अनुचित की राह पर,  
क्या है न्यायोचित की परिभाषा?  
धैर्य और ध्यान में,  
क्या है आत्मलेखन की परिभाषा?  
प्रतिबंधनों के इस चक्रव्यूह में,  
क्या है सुविचारों की परिभाषा?  
पूछा करती हूँ, जाना करती हूँ,  
मैं अपने जीवन से अनेकों प्रश्न करती हूँ।

— हर्षिता सिंह  
FE COMPS

## एक खत जो लिखा उसे..



एक खत जो लिखा उसे  
जो कभी उस तक पहुँच न सका  
दिल की इबादत है वो मेरी  
जो उसे कभी जता न सका  
बीतीं कई रातें, गुज़रें कई मौसम  
बीतीं कई रातें, गुज़रें कई मौसम  
इंतज़ार करता रहा खत मेरा वो हरदम  
पर ठान लिया एक दिन कि अब खत तो उसे पहुँचा दूंगा,  
आखरी बार खत पढ़ते पढ़ते राह पे मुसाफिर मैं निकला  
आया हवा का तेज़ झोंका इस कदर कि खुद को मैं न  
सवार सका  
तेज़ हवे के झोंके से खत हाथ से गवा बैठा।

खत के पीछे पीछे दौड़ने में जान पूरी झोंक लगाई  
पर अफ़सोस!!!  
मेरी मेहनत काम नहीं आई।  
गिर पड़ा खत मेरा उस बहती हुई नहर में,  
और देखते देखते खत मेरा ओझल हुआ मेरी नज़रों से,  
दिल दहल उठा, आँखें नम हुईं,  
सोचा कि अब दिल की बात मेरी कैसे अब मैं पहुँचाऊँ उसे  
क्योंकि, पहुँच न सका कभी उस तक  
एक खत था जो लिखा उसे

— चिन्मय साटम  
BE AI & DS



## कला



सवाल सारे अब भूलने लगा हूँ,  
जवाबों की ज़रूरत अब भाँती नहीं।  
जो सपने ना सोने देते थे मुझे,  
वो जीने में नींद मुझे आने लगी।

क्या हारना सफलता की ओर बढ़ना है,  
या सफलता हारने से मिलती है?  
आजकल तो गया हूँ हार मैं,  
ज़िंदगी से भी, और ज़िंदगी में भी।

खुद से पूछूँ खुद के बारे में —  
“क्या सच में हार गया हूँ मैं?”  
कला अमर होती है, वो मरती नहीं,  
मेरे अंदर का कलाकार है शायद मर रहा।

अफ़सोस तो होता है न,  
अफ़सोस तो होता है जब हाथ लगे सफलता ना।  
हर कोई रोता है जब मेहनत का फल मिले ना।  
वैसे तो टूटा है दिल कई बार मेरा,  
पर इस मोहब्बत से दूर रहने को डरता था मन मेरा।

पर फिर कुछ यादें धुँधली-सी  
मुझे आने लगीं याद।

तीसरी कक्षा का वो बच्चा,  
नाम उसका समर था,  
हाथों में था कलम उसके,  
पर मन में कुछ अलग था।

सब कहते — “मैं क्यों इतना शांत बैठा?”  
पर मैं तो शब्दों से खेलता रहता।  
पढ़ाई-लिखाई करनी पड़ती थी,  
तो उसको भी मैं झेल लेता।  
तबसे ही मैंने शुरू कर दिया था लिखना।

पर फिर आई एक सुंदर कन्या,  
जिस पर मैंने लिखा कुछ ऐसा —  
“काश अगले जन्म मैं तुम्हारा आईना बन जाऊँ,  
ताकि रोज़ देखने मिले मुझे तेरा प्यारा-सा वो चेहरा।”

तबसे फिर वो गाने, कविताएँ रुकी नहीं।

समर के लिए सफलता कभी थी ही नहीं एक चुनौती,  
उसे तो बस अपनी कला से प्यार था।  
मन की बातें सारी अपनी,  
वो कलम से करता विस्तार था।

फिर एक बात आई उसे समझ —  
वो शुरुआत कभी भूलना नहीं।  
अपनी गलतियों से सीखकर बना समर है।

कला अमर है, वो मरती नहीं,  
उससे प्यार करने से कलाकार भी हो जाता अमर है।

—समर सावंत  
NSS VCET

## क्यों भारत विश्वगुरु कहलाता?



भारत जो था सोने की चिड़िया,  
क्यों भारत विश्वगुरु कहलाता?  
चलो खंगालें इस झांकी को,  
भारत इस देश महान का।



संतों की धरती कहलाता,  
विश्व-मैत्री प्रदर्शित करता,  
विश्व को जो परिवार है मानता,  
भारत वो जो विश्वगुरु कहलाता।

जहाँ वीर-वीरांगना पूजे जाते,  
वीरों की धरती महान।  
वचन हेतु प्राण न्योछावर —  
ऐसे हैं योद्धा महान।

श्रेष्ठ राजाओं की भूमि जो,  
कृष्णदेवराय, चन्द्रगुप्त की,  
ललितादित्य व युधिष्ठिर की,  
भरत, राजेन्द्र, पुलकेशी की।

प्रताप, शिवाजी, चौलों की,  
हर्ष और बोर्फुकन।  
लक्ष्मीबाई और चेन्नम्मा की,  
यह कर्मभूमि महान।

वस्त्र, आभूषण, आयुध जो,  
विश्व-विदेश में निर्यात था करता।  
विद्या का जो केंद्र कहलाता,  
उस भारत को प्रणाम।

— प्रणवकुमार मुरली  
SE CSE(DS)

## जी ले आज, कल किसने देखा है



जो नसीब में है वो चलकर आएगा, जो नहीं है वो  
आकर भी चला जाएगा  
ज़िंदगी को इतना सीरियस लेने की ज़रूरत नहीं है  
दोस्तों, यहाँ से यहाँ से ज़िंदा बचकर कोई नहीं जाएगा

एक सच यह भी है कि अगर ज़िंदगी इतनी अच्छी  
होती, तो हम इस दुनिया में रोते-रोते न आते..!  
लेकिन एक मीठा सच ये भी है कि अगर ये ज़िंदगी  
इतनी बुरी होती,  
तो हम जाते-जाते इतने लोगों को रुलाकर न जाते..!

— राजा शाह  
BE MECH

## सपने सुहाने हकीकत के



सपने देखे जो मैंने  
पाने के लिए उनको भीड़ में लड़ रहा हूँ,  
हकीकत में सपना जीने के लिए,  
अकेला में चल पड़ा हूँ,  
ख्वाइशें मैंने जिन्दगीकी बचपन से सजाई थी,  
सपनों में अभिलाषाओं की ऊँची मीनार बनाई थी।  
उम्र बढ़ते बढ़ते जब सांसारिक जीवन का आभास हुआ  
देखा था जो सपना बचपन में उसका पूरा विपर्यास हुआ  
सपनों का गला घोटकर गुन्हेगार मुझे नहीं बनना है,  
सुहानी हकीकत को जीने के लिए खुदको हीरे जैसा तराशना  
है।  
खूब देखूँगा मैं सपनें और अभिलाषाओं की ऊँची मीनार  
बनाऊँगा

हकीकत में जीते जीते मेहनत के दीप जलाऊँगा  
हो रही है अब निशा फिर नए सपने देखने जा रहा हूँ,  
कल के सूरज की पहली किरण में हकीकत जीने उठ रहा हूँ।  
हो गया है अब उम्मीदों का नया सवेरा कमर में अब कस रहा  
हूँ सपने जो देखे कल मैंने

उनको पाने के लिए भीड़ में आज लड़ रहा हूँ,  
हकीकत में सपना जीने के लिए,  
अकेला मैं चल पड़ा हूँ,

— चिन्मय साटम  
BE AI & DS



## सच



क़दर लोगों की नहीं, वक्त की समझते हैं।  
खुद की पहचान भी ये, लोगों से समझते हैं।  
इज्जत देते उन्हें, जिनसे ठोकर खाते हैं।  
हीरे को समझते पत्थर,  
जो इनके ख्वाबों के लिए सायबान हो जाते हैं।

पानी भी ये फूँक-फूँक के पीते हैं,  
जो अपनों से ही जले होते हैं।  
डर इन्हें सपनों से लगता है,  
जिनका बचपन तबाह होता है।

हिम्मत उनमें होती है,  
जिनका बुलंद स्वभाव होता है।  
यारी इनकी उनसे होती है,  
जिनका प्यार में बड़ा विश्वास होता है।

कहने को तो हम सब कायर हैं,  
क्योंकि देखा हमने भी, ग़लत को सही होता है।  
सच तो यह है — सही के लिए बोलना,  
यह न हमारी आदत, न किसी देश का संविधान होता है।

गुमनाम होते हैं वो,  
जिन्हें कलाकारी दिखाना नहीं आता।  
मेहरबान होते हैं लोग उन पर,  
जिन्हें अपना नक़ाब हटाना नहीं आता।

महफिल भी यहाँ सजती है काफिरों की,  
जिन्हें इज्जत बचाना नहीं आता।  
लोग हँसते हैं उन पर,  
जिन्हें धर्म निभाने के सिवा और कुछ नहीं आता।

मोहब्बत लगती है अधूरी देखने में,  
जिनके सिर में उम्मीदों की नाव सवार होती है।  
अधूरी मोहब्बत भी उन्हें लगती है पूरी,  
जिनकी क्रिस्मत भी बेवफ़ा होती है।

राहत मिलती है वहाँ जहाँ,  
झोपड़ी भी मकान होती है।  
आशियाँ बनता भी वहीं है,  
जहाँ अपनों का आशीर्वाद होता है।

रात ढलती है जब,  
सूरज परेशान होता है।  
वरना छाँव में भी इसकी एक किरण,  
आग भड़काने को काफ़ी होती है।

— हर्षिता सिंह  
FE COMPS

## बेटी: देवी का स्वरूप



सृष्टि तुमसे जन्मी है  
तुम ही हो भवानी  
तुम ही तो चित्रा हो  
जिसका मन चंचल, पर आँखें सयानी।

तुम लाती लक्ष्मी हो हर घर में  
तुम्हारे आने से घर सारस्वत हो जाता है  
राधिका-सी चमक है तुम में  
वो चाँद भी तुमको देख शर्मता है।

राधा बनके प्रेम करती  
प्यार से खिलाती हो अन्नपूर्णा  
विश्वास न टूटे ऐसी सती  
और कितने रूपों में तुमको ढूँढना।

यही समाज यह सोचता है  
बेटियाँ तो कमज़ोर हैं उन्हें क्यों दे आज़ादी  
क्रोध, काम, हिंसा, घृणा  
बन गई है वो पातालवती।



डर लगता है उसे अपनों से  
गैरों को मैं क्या ही गिनूँ  
खुशी और उल्लास तो छिन गए  
आज़ादी मैं क्या ही छीनूँ।

वो सुर-सुंदरी सिर्फ रोती है  
वो चित्तरूपा सोचती है  
क्या पाप है होना लड़की  
हम शायद भूल गए हैं कुछ  
यही है दुर्गा, यही भगवती।

इस माध्यम से सभी लड़कों को समझाना है  
और आप सभी लड़कियों को काली माँ का स्वरूप बन  
जाना है  
आएँगी बहुत-सी मुश्किलें, संघर्ष क्योंकि है बड़ा  
पर आपके हर एक कदम पर ये भाई हैं साथ खड़ा ॥  
—समर सावंत  
NSS VCET

## बुरा तो लगता है



बुरा तो लगता है,  
पर वक्त के साथ ये बातें भी समझ रही हूँ,  
कि हर किसी की ज़िंदगी में तुम्हारी अहमियत  
नहीं होती।

पर क्या करें, ये दिल ऐसा है ना —  
भले कोई कितना भी बुरा कह दे,  
फिर भी ये दिल उन्हें गलत नहीं मानता।

हूँ तो छोटी, पर कभी-कभी बड़े लोगों की तरह  
बोल देती हूँ।  
सबको मैंने अपना मान लिया,  
पर किसी ने मुझे अपना माना ही नहीं।

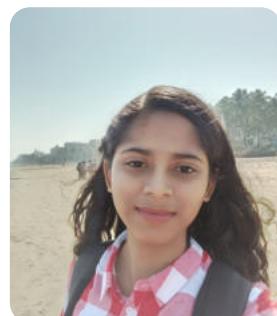
बुरा तो लगता है, पर क्या करें — दिल है नाज़ुका।  
कभी डर जाती हूँ कि कोई बीच में ही न छोड़ दे,  
पर अगर कोई बिखरता दिख जाए,  
तो उसकी मदद करने मैं भागी चली जाती हूँ।

पर क्या करें, बुरा तो लगता है ना —  
कि सबके लिए हमेशा आगे बढ़ो,  
पर अपने लिए हमेशा पीछे रहो।

क्योंकि लोगों को लगता है,  
कि शायद हम उनकी ज़िंदगी का हिस्सा तो हैं,  
पर मायने नहीं रखते।

— निहारिका महाजन  
NSS VCET

## तस्वीरों में आज जान है



तस्वीरों में आज जान है,  
तो इसमें कलाकारों का कमाल है।

जो रंग कागज़ पर बिखेरे गए,  
वो उनकी कल्पना का आसमान है।

— हर्षिता सिंह  
FE COMPS



## सोचने का ज़रिया



किन्हीं वादियों में अब खो सी गई  
मंज़िल तो क्या मेरी सारी राहों से ही भटक सी गई  
हूँ ।

सखी कहे राधा राधा, तुझे कृष्ण से मिलाएंगे  
नासमझी वो क्या जाने जो खुद उसे छोड़ आई थी ।  
जहाँ में बहुत से कारनामे थे जो किसी नशे में हुए थे  
अनजानों को कहाँ खबर इश्क के नशे में जो घुले थे  
।

जुनून, हौसला, कामयाबी, सबर, मौत... से जो जुड़ी  
थीं

पर कम्बख्त टूटने पर फिर से जुड़ ना पाती थीं ।

कर्ण, रावण, वेताल, असुर... किसी में अंततः क्रूरता  
न थी  
मजबूरियाँ सारे कर्ता को धर्ता स्वयं बनाती थीं ।

अब सवाल है ज़रिया का जिसका कोई उल्लेख  
नहीं  
ज़रिया तो मोहमाया है जो मेरी सारी दरिया को इन  
पंक्तियों में बहा गई...  
...पंक्तियों में बहा गई ॥

— संजना म्हात्रे  
NSS VCET

## इन्द्रधनुष है धनुष महान



जब धरा पर ज़ोर से बरसे  
रिमझिम-रिमझिम पानी,  
और गगन से तेज बरसाए  
परम तेजस्वी भान,  
बढ़ाए जो गगन की शान —  
इन्द्रधनुष, वो धनुष महान ।

जीवन में उन श्रमिकों के,  
जो खेती करते धान,  
नव उत्साह से पूर्ण करे,  
काया में भर दे प्राण,  
है जो वो सतरंगी यान —  
इन्द्रधनुष, वो धनुष महान ।

जब जीवन में छाए हों  
निराशा के बादल,  
जीवन उमंग से भरने हेतु,  
आशा का दे दान,  
चलो चलाएँ आशा के बाण —  
इन्द्रधनुष है धनुष महान ।

— प्रणवकुमार मुरली  
SE CSE(DS)



## घोर कलियुग आया है.....



बस्ता है मनुष्य के जहन में और सबके सोच पर छाया है  
इंसान में बसी इंसानियत का नाश करने घोर कलियुग  
आया है

वातावरण में अशांति फैली और अंधकार सा छाया है,  
अपना दारिद्र्य और धूर्त मुखमंडल लिए कलिपुरुष आया  
है।

धूर्त कलि बोला नारायण को मैं इंसान को अपनी उंगली पे  
नचाऊंगा  
(उसी में राम और उसी में रावण बसाके) उनको उन्हीं से  
लड़वाऊंगा  
समय और नियति का देखो कैसा हास्यास्पद क्षण आया  
है, अपने काल को ही चुनौती देने कलि खुद चला आया है।  
इंसान में बसी इंसानियत का नाश करने घोर कलियुग  
आया है।

कलि बोला नारायण को "द्रौपदी का मान बचाकर कार्य  
तूने महान किया",  
देख अब मैंने हर मनुष्य को दुर्योधन बनाकर न जाने  
कितने द्रौपदियों का अपमान किया.

अधर्म है मैंने फैलाया तू अब कर्ण कहा से पायेगा,  
रणभूमि में अब अर्जुन का रथ कृष्ण कैसे चलाएगा  
न सहदेव अब संग होंगे, शकुनि तेरा साया है,  
इंसान में बसी इंसानियत का नाश करने घोर कलियुग  
आया है।

इतनी बात सुनके नारायण के मुखमंडल के भाव डोल उठे  
वे मंद मंद मुस्कुराए और तदनंतर कलि से बोले,  
जब अधर्मी पाप करता चले तो उसे पाप ही रास आता है,

नियति का चक्र चलने पर पाप का घड़ा सहसा भर  
जाता है।

वैसे काल का चक्र फिर चल उठेगा और तू भी पाप  
करता जाएगा,  
कंस रावण का भरा वैसे पाप का घड़ा तेरा भी भर  
जाएगा।  
फसा लिए तूने कर्ण और दुर्योधन हाथ मैं न उनको  
लगाऊंगा,  
धर्म का रास्ता उन्हें बतलाके गांडीवधारी बनाऊंगा।

लग रहा होगा तुम्हें कि अधर्मियों का सिलसिला जारी  
है,  
आज के युग के राम और लक्ष्मण इन अधर्मियों पे  
भारी हैं।

अरे तुझे लगता है कि इंसान में बसी इंसानियत का  
नाश करने घोर कलियुग आया है।  
पर अधर्म के रास्ते पर चलने वाला आखिर में पाप  
की चक्की में पीस गया है।

लग रहा होगा तुम सभीको ये कलि और विष्णु जी का  
संवाद है,  
पर देख टटोलकर रे इंसान अपने मन को ये तेरेही  
मनभूमि की आवाज़ है।

सारे जीवन भर माता पिताने अपना पेट काटकर तुझे  
बढ़ाया है।  
उम्र ढलते ही उनको तू वृद्धाश्रम छोड़ आया है,  
इंसान में बसी इंसानियत का नाश करने घोर कलियुग  
आया है।

दोस्ती का झूठा दिखावा करके दोस्ती को तूने  
मैलाया है,  
ईर्ष्या भाव को दिल में रखकर × 2 इस पवित्र  
बंधन को जलाया है,  
इंसान में बसी इंसानियत का नाश करने घोर  
कलियुग आया है।



हे प्रभु तूने बनाई थी ऋतुएँ धर्मसंयोग पर अब रचा अधर्म  
का सावन है,  
उस युग में तूने हराया एक ही, पर आज असंख्य रावण  
है।

भूल गया है रे तू इंसान की ये पाप पुण्य का घड़ा भी होता  
है,  
छल-कपट और बेर्डमानी की बारिश से ये जरूर भरता है।

कुछ हजार वर्षों की बात है इंसान रूपी कलि तू अपने  
किए पे पछताएगा,  
थर थर कापता घूमेगा जगत में जब सतयुग में कल्कि  
अवतार आएगा।

**चिन्मय साटम**  
BE AI & DS

## देश का किसान



देख रहा है ना ईश्वर क्या हालत हुई धरती के  
भगवान की,  
टूट बिखर गयी है धैर्य की माला हमारे देश के  
किसान की।

धरती के अंग-अंग में जिसने उम्मीद के बीज बोए  
हैं,

उम्मीद खारिज होता देख हतबलता से वो रोया है।

खुद का पेट काटकर जिसने अन्न हमें खिलाया है,  
अन्नपूर्णा को धरती पे हमने किसान के रूप में पाया  
है।

जिसके होने से धरती का मन पावन हो जाता है।  
जिसके छूने से खेतों का तन उपवन हो जाता है।

चल रही है दुख की आंधी जिसमें तिनका तिनका  
बिखर गया  
माटी की कोख में पलने वाला आज माटी में मिल  
गया

देख रहा है ना ईश्वर क्या हालत हुई धरती के  
भगवान की,  
भरे सावन में देखो .....  
भरे सावन में देखो लाश टंगी ईमान की,

टूट गया वो बांध लहू का जिसकी ताकत उसकी  
शान थी  
अखबार में रद्दी बनकर बिकी कथा उसके बलिदान  
की।

आशा है कि फिर गगन से वर्षा बरस जाएगी,  
सुख-समृद्धि और खुशियों की हरयाली फिर खिल  
जाएँगी

**चिन्मय साटम**  
BE AI & DS

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# मराठी विभाग

# EDITORIAL



आपली मराठी भाषा ही केवळ संवादाचे साधन नाही, तर ती आपल्या संतांच्या ज्ञानाने आणि भक्तीने समृद्ध झालेली आहे. संत एकनाथ महाराजांनी भावार्थ रामायण लिहून लोकांना मराठीतून रामकथेशी जोडले. ते म्हणतात –

“मराठी भावार्थ रामायण केले।

लोकांसाठी सोपे बोलले ॥”

आपण आज कितीही विज्ञान-तंत्रज्ञान आत्मसात केले, कितीही परकीय भाषा शिकल्या, तरी आपल्या मुळांशी नातं जोडून ठेवणारं माध्यम म्हणजे आपली मराठी भाषा.

आपल्या भाषेत ज्ञानेश्वरांचे तत्त्वज्ञान आहे, तुकारामांचा साधेपणा आहे, छत्रपती शिवाजी महाराजांचा पराक्रम आहे आ आपली मराठी भाषा ही केवळ संवादाचे साधन नाही, तर ती आपल्या संतांच्या ज्ञानाने आणि भक्तीने समृद्ध झालेली आहे.

“अति साधे बोली, जनांसाठी केली।

मराठी वाणी, मुक्ती करी सोपी ॥”

ही वाणीच आज आपल्या पुढील पिढ्यांसाठी प्रेरणादायी आहे. विज्ञान, तंत्रज्ञान, साहित्य आणि कला – प्रत्येक क्षेत्रात मराठी आत्मविश्वासाने उभी राहते.

मराठी भाषेतून कोडिंग, संशोधन, स्टार्टअप्स आणि तंत्रज्ञान पुढे नेणं हेच उद्याचं स्वप्र आहे. भाषा बदलली की ओळख हरवते, पण मातृभाषा जपली की पिढ्या घडतात. मराठी ही भाषा आपल्याला संस्कृतीशी जोडते आणि आधुनिक काळाशी स्पर्धा करण्याची ताकदही देते.

“आम्ही जेमतेम मराठी | देव देखिलि बोले आटोपशाटी ॥

आम्हां घालूनि दिली वाचा | म्हणे तुकाराम बोल माझा ॥”

— संत तुकाराम महाराज

या अभंगातून तुकाराम महाराज सांगतात की साध्या-सरळ मराठी भाषेत देवही सहजपणे बोलतो. देवाशी संवाद साधण्यासाठी मोठमोठ्या परभाषेची गरज नाही, तर आपल्या मातृभाषेतच तो अधिक जवळ वाटतो.

आजच्या पिढीने इतर भाषा शिकावं, तंत्रज्ञान आत्मसात करावं, पण त्याचबरोबर मराठीला सन्मान द्यावा. मराठीत संशोधन व्हावं, नवनवीन ग्रंथ लिहिले जावेत, आणि मराठीतूनच जागतिक पातळीवर आपल्या विचारांची देवाणघेवाण व्हावी – हीच खरी भविष्याची ताकद आहे.

जय महाराष्ट्र! जय मराठी!

**Rutuja Gadhav**  
Marathi Editorial Head  
TE CSE(DS)



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## युद्ध



युद्ध म्हटले, तर आपल्या डोळ्यांसमोर येते रणांगण, शस्त्रास्त, सैनिक. कधी युद्ध आपल्याला विजय देऊन जाते, तर कधी पराजय. तुळशीसारखे पावित्र्य असणारे श्रीकृष्ण कोणत्याही प्रकारच्या युद्धाचे मोहताज नव्हते. हस्तिनापूरच्या रणांगणातील धर्मयुद्ध हे ते सुदर्शन चक्राच्या एकाच प्रहारात आटपू शकले असते. परंतु 'धर्मो जयति नाधर्मः' हा संदेश त्यांना सृष्टीला द्यायचा होता.

कैलाशापरी सामर्थ्य असणाऱ्या शिवाजी महाराजांनी दुष्ट अफजलखानाचा वध केला. त्यांनी सोळाव्या वर्षी घेतलेली स्वराज्य स्थापनेची शपथ पूर्ण करून दाखविली. तसेच, संभाजीराजे हे त्यांचे सुपुत्र, 'बाप शेर तर मुलगा सवाशेर' अशी त्यांची ख्याती, परंतु तरी देखील औरंगजेबाच्या कूटनीतीमुळे त्यांच्या देहाचे शेकडो तुकडे झाले.

वैकुंठासारखी निर्मळता असणाऱ्या बृजवासी, श्रीकृष्णाच्या प्रेमात पडून राधा, मीरा व गोपिकांनी स्वतःशीच युद्ध केले. एका चक्रवर्ती राजाची मुलगी, एका चक्रवर्ती राजाची पत्नी, एका चक्रवर्ती राजाची पुत्रवधू सीता, तरी देखिल शेवटी तिलासुद्धा द्यावी लागली अग्नीपरिक्षा.

भारतवर्षातील हे युद्ध - काही रणांगणातील, तर काही मनाच्या अथांग सागरातील. कधी आशा आहे तर कधी निराशा, मग काय म्हणता येईल या 'युद्ध' शब्दाची परिभाषा?

**कुणाल पाटील  
NSS VCET**

## राक्षसी



इंद्रपूर गावात, गावकरी अंधश्रद्धेत अडकलेले होते. ते जंगलाजवळ राहणाऱ्या एकाकी वृद्ध स्त्री कमलला "राक्षसी" मानत, तिला गावातून बाहेर काढले होते. कमल आपलं दुःख सहन करत जंगलात स्वतंत्रपणे जीवन जगत होती, अन्न आणि वस्तू जमिनीतून मिळवत, पाच शेळ्या सांभाळत.

एकदा तिला जंगलात एका बाळाची आठवण झाली-ती मुलगी जिंवंत होती पण गावकरी तिच्याकडे "राक्षसाची मुलगी" म्हणत दूरच्या जंगलात सोडून गेले होते. मातृत्वाची तीव्र भावना जागृत होऊन कमलने त्या बाळाला प्रेमाने स्वीकारलं आणि तिला 'परी' नाव दिलं. मुलीची शारीरिक विकृती हळूहळू कमी झाली आणि कमलच्या जीवनात आनंद आणि मानसिक शांतता आली.

काही वर्षांनी, मोहन नावाचा प्रगत विज्ञान-मनाचा शिक्षक गावात आला. त्याने बाहेरच्या शाळेत न जाणाऱ्या मुलांना शाळेत सामील करण्याचे ठरवले. त्याला परीबद्ध कळले, जिला गावकरी "राक्षसाची मुलगी" म्हणत होते. गावकरींच्या इशारांकडे दुर्लक्ष करता, मोहन कमलच्या कुटीत गेला.

कमलने सुरुवातीला शत्रुत्वाने वगिली, जोडीनेही मोहन परीच्या भविष्याची काळजी व्यक्त केल्यावर मृदू झाली. मोहनने परीला शाळेत दाखल करण्याचा निर्णय घेतला, पण तिचं आडनाव किंवा वडिलांचं नाव नव्हतं. कमलच्या स्वतःच्या दुःखातून प्रभावित होऊन, मोहनने तिला "परी कमल" नाव दिलं आणि आडनाव रिकामं ठेवले.

शाळा समिती आणि गावकरी, जे परीला राक्षस मानत होते, अडथळे आणण्याचा प्रयत्न करत असताना, मोहनने तिच्या शिक्षणाचा हक्क जिंकण्यासाठी लढा दिला. अंधश्रद्धाविरोधी समितीच्या मदतीने प्रकरण जिल्हा पातळीवर नेलं. शेवटी, शाळा समितीवर कायदेशीर कारवाईची धमकी दिल्यानंतर परीचं प्रवेश मान्य झाला.



परी शाळेत उत्कृष्ट कामगिरी करत होती- विशेषतः गणितात. चौथ्या इयत्तेनंतर, मोहनने तिला एका दूरच्या निवासी शाळेत प्रवेश करून सुरक्षित राहण्यासाठी मदत केली.

दहावीत असतांना कमलने सर्व शेळ्या विकल्या होत्या आणि परीला तिच्या शिक्षणासाठी ठेवलेले पैसे एका छोट्या, बंद बॉक्समध्ये दिले. दुसऱ्या दिवशी कमल झोपेतच मरण पावली. परीने कमलचे अंतिम संस्कार स्वतः केल्यानंतर, ती शिक्षणासाठी निघाली.

काही वर्षानी, मोहन आता प्रमुख झाला होता. शाळेत विज्ञान प्रदर्शनाच्या दिवशी, जिल्हा कलेक्टर म्हणून परी येऊन मोहनच्या पायांवर हात ठेवून आभार मानते. गावकरी, ज्यांनी कधी परीला "राक्षस" मानले, आता तिचा सन्मान करतात. परी, मनात कोणताही राग न ठेवता, गावकऱ्यांना विनंती करते की भविष्यात कधीही मुलांना बहिष्कृत करू नये. ती आपल्या नव्या जीवनाकडे पुढे निघाली, जिथे ती एक सक्षम आणि आदर्श अधिकारी बनली होती.

स्वराली घाटाळ  
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## शब्दांचे सामर्थ्य



शब्द दिला कोणाला तर वचन दिले ,  
शब्दांनी सातवांना दिली आधार बनले ,  
शब्दांना शब्द वाढले तर वाद झाले .

शब्दांनी शब्दांना मडवले तर साहित्य झाले ,  
शब्द शब्दार्थाची सांगड घालून सुवचन घडले ,  
शब्दांची जोड विचारांना व्यक्तिमत्व घडले.

शब्दांचे बाण सोडल्यावर परत घेता येत नाही ,  
शब्दांची जाण कधी कोणी ठेवत नाही ,  
शब्दांनी माणसांना जोडून ठेवण्याची परंपरा .

आपली शब्द खाली पडून न देण्याची रीत आहे,  
माणसाची शब्दाखातर लढणारे युद्ध अन  
शब्दांसाठी जीवही देणारी माणसे,  
शब्दांमुळेच आता आहे इतिहासाची पाने .

जय पाटील  
TE MECH

## मित्रा.....!!



माझ्यामधून मला बाहेर काढतोस,  
चुकलेल्या वेळी योग्य वाट दाखवतोस,  
आयुष्याच्या वळणावर परत आणतोस,  
माझ्यासमोर उमा राहणारा आरसा आहेस तू....  
खरं सांग मित्रा कोण आहेस तू?

तुला सगळं ठाऊक असतं रे,  
दुःखाश्रू की आनंदाश्रू  
माझ्या रागालाही क्षणात शांत करणारा तू  
प्रत्येक प्रसंगात माझ्यासोबत असतोस तू, माझ्या अंधारात  
उमलणारी प्रकाशज्योत आहेस तू....,  
खरं सांग मित्रा, कोण आहेस तू?

तुला जाणवतं -  
माझ्या हस्याआड लपलेलं दुःख,  
आणि आयुष्यातील खरंखूर सुख,  
माझां प्रत्येक दुःख स्वतःचं मानतोस तू  
माझ्या संकटात धावत येतोस तू....  
खरं सांग मित्रा, कोण आहेस तू??



कठीण वाटेवर मखमली स्पर्श आहेस तू  
आगीच्या दुनियेत थंडावा आहेस तू  
भर उन्हात बसणारी शितल सर आहेस तू....  
की माझ्या मजलात एक दुसरा 'मी' आहेस तू!

**सुहानी जोयशी**  
**FE COMPS**

## कपाशी



## पु.ल.देशपांडे



शब्दांच्या खेळातून उमलला गंध हसण्याचा,  
दुःखालाही शिकवला मार्ग आनंद मानण्याचा.

पियानोच्या तारांमधूनी हृदयाच्या तारांवरूनी ,  
गप्पा रंगल्या त्यांनी साध्या माणसांकरिता.

हास्य रंगवता जीवनाचं तत्व सांगूनी,  
साधेपणाचं खरं सौंदर्य पटवूनी.

पु.ल. म्हणजे केवळ लेखक नव्हे, होते तयांचा आरसा,  
सामान्य जीवनात दिसे त्यांना आनंदी आभासा.

विनोदांच्या रंगात रंगली होती त्यांची दिशा,  
मराठी संस्कृतीला दिला त्यांनी नवा श्वास.

**तन्मय राऊत**  
**FE VLSI**

रामपाहिरासा मारुती मंदिर ना घंटा झोप म्हैन उठाडी रहिंता,  
तेरोज दसरा ना दिन व्हता.  
मांघालं दार दखं तर कंबरलोंग नदीले पानी येल व्हतं,  
पण चिड्या हाकाले वावर मा जावानं व्हतं.

त्यानं कपाशीनं वावर हिरवंगार डोली रहाईतं,  
धव्या कापूस फुलेस्मिन फुटी रहाईतं.  
बारा महिना झाये व्हती निसर्ग राजानी साथ,  
वाटण त्याले जाई खुशाली मा या वरीस दिवाईनी थाट.

घर उना तिसरा सांजले वावरमिन गावात निंदिसं  
त्या दीन लेटना तो पिठल भाकर खाईसन.  
पडताच गया तो गाव ले, येल व्हता थकी भागिसन  
दखी रहाईता सपन वावर न डोया ले डोया लाईसन

अचानक पडण त्यांना आंग वरे धाबानं पानी,  
जगाडी हाइंती त्याले झोपमीन बाई त्यानी.  
गर्जी हाइंता देव, पानी बरसाडीसन  
लोके म्हणेत, पडणा नई पानी असा कडकडाडीसन

वाही हाइंती नदी माय खांदा ना वर जाईसन,  
सकाय ले गयात दोन्ही ना दोन्ही नवरा बायको  
नदी म्हैन बैलेसले पकडीसन. दखं तर व्हतं पानी  
पुच्या वावर मा भरिसन,  
गई जायेल व्हती कपाशी इतली मेहनत करिसन.

रडी हाइंती माय त्यानी, उन तिनं हूंडुक भरिसन,  
रडी हाइंती माय पोरेस्नी, पोरेस्ना लहान लहान तोंडे दखीसन.  
शांत करी हाइंती त्यानी बाई, त्याना डोया  
पुशिसन, गई त्या वरीसनी बी दिवाई दोया मा पानी लिसन.



## सदाफुल



तू शांत ब्रह्म कमळ  
मी वेंधळी सदाफुली  
तुला पाहण्यासाठी  
गर्दी जमलेली,  
आणि रोज टवटवीत उमलून ही  
मी मात्र एकटी पडलेली!

पूर्वा गावकर  
NSS VCET

## हार मानूनकोस !



रणांगणामध्ये उतरायचं ठरवलसं तू  
मग आता का मागे हटतोस?  
जमणार नाही, पेलणार नाही  
अशी उगीचीच कारणे शोधतोस?

प्रयत्न न करता, अपयशाला घाबरून  
आधीच शस्ते टाकतोस?  
एकदा लढून तर बघ, स्वतःवर विश्वास ठेवून  
आधीच का हार मानतोस?

फार फार तर होईल काय?  
एक-दोन डाव चुकतील,  
पण त्या चुकीतून बोध घेऊन  
पुढची कोडी तर सुटतील!

साथ कुणाची असेल-नसेल,  
खचून जाऊ नकोस.  
टाकलस पुढचं पाऊल आता,  
माघार घेऊ नकोस!

मनातली जिद्धच तुझ्या  
स्वप्रांना बळ देईल,  
आणि पराजयालाही हेवा वाटून शेवटी  
यश तुझ्या पावलांशी येईल!

श्वेता पाटील  
NSS VCET

## रंगाचा व्यंग



रंगाची भीती नाही माणसा मला  
रंग बदलणाऱ्या माणसांची भीती आहे

भगवा आहे आमचा लाडका हिरवा पण तर आपलाच आहे  
याच माणसांच्या रंगामुळे अनेक जाती-पाती आहेत

का विसरलेत हे, मानवते मुळे नाती आहेत रंगांमुळे नाही  
रंग हे कल्पकते साठी आहेत जाती साठी नाही

काही माणसे रंगान मध्ये गुरफटली आहेत  
जाती-भेदाच्या वाटेला फरपटली आहेत

धर्माच्या नावाने कित्येक ग्रंथ, पुराणे-पोथी आहेत  
तरीही त्यात रंगानची भीती नाही कारण ते शब्दारूपी मोती आहेत

मानवतेच्या समृद्धी साठी रंग अनेक सजले आहेत  
विविधितते ते एक रूप होऊन घडले आहेत  
विविधितते ते एक रूप होऊन घडले आहेत

चिन्मय साटम  
BE AI & DS



## तू माझा होशील का?



मोगन्याच्या फुलावानी मी,  
अलगद मला तू जपशील का?  
पाकळ्यांसारखे मन माझे  
ओंजळीत सावरून घेशील का?

नक्षत्राच्या गोड रात्री,  
चंद्र माझा तू होशील का?  
निळ्या लाटांत हासत-खिदळत,  
सोबत माझ्या तू फिरशील का?

नाही मागत मी सोने-चांती,  
नको मला ते चंद्र तरिका  
फक्त गजरा माझ्या केसात,  
तू कधी माळशिल का?

माझ्या गाण्याच्या ओळी,  
तू पूर्ण करशील का?  
स्वप्नातला राजकुमार होऊन  
माझी साथ तू देशील का?

कधी मनाच्या पायवाटेवर,  
फिरायला मला नेशील का?  
कधी गोड चहा-नाष्ट्याने,  
मन माझे जिंकशील का?

आयुष्यभराची साथ खरी,  
हात हातात देशील का?  
खंबीर राहून पाठीशी माझ्या,  
सदैव माझा होशील का?

फुलासारखे नातं हे,  
सुगंधाने भरशील का?  
सान्या जन्मांची प्रीत मला,  
हृदयातून तू देशील का?

**सुहानी जोयशी**  
**FE COMPS**

## महाराज तुमच्या स्वराज्यात काय काय घडतंय....



साद देता देता महाराज खूप उशीरच झाला  
अजून वेळ न दवडता आता फतवा घेतो वाचायला  
तुमच्याच गडकिल्यांवर महाराज डॉल्बी लाऊन,  
तळीराम थ्यथयाट करतंय  
स्वर्ग उतार होऊन पहा महाराज तुमच्या स्वराज्यात  
काय काय घडतंय

दाढी वाढवून मिश्यांना पीळ देऊन तरुण बनायला  
जात आहेत तुमच्यासारखे  
पण शिवविचारी सज्जाण्यांना शोधायला जाऊ मी  
कुठल्या वाटे



शांत मी वाणीचा शाईने बोलत आहे  
माणसातल्या माणुसकीला मरताना मी पाहत आहे

विकासाचं विचाराल महाराज तर विकास नक्की  
झालाच की  
तंत्रज्ञानाचा माणसाच्या बुद्धीचा झाला, पण  
माणुसकीचा नाही

अठरा पगड जातीना तुम्ही, आणलेत एका छत्राखाली  
जातिवादाची ठिणगी विजावी म्हणून, तुम्ही झोकले सारे  
काही

सतराव्या शतकाहून एकविसाव्यावर पोहचून वाटलं  
की, सारं काही मिळालं  
पण जातिवादाच्या ठिणगीचा अग्निडोंब कधी झाला हे  
आमचं आम्हालाच नाही कळलं

ना दया केली त्या चिमुरडीची ना बक्षीली निर्भया किंवा  
नम्रता

निर्धार्स्तपणे उधळला गनीम आणि मांडली त्याने कूरता  
आणि मांडली त्याने कूरता

शिकार सावजाच्या या फेज्यात ना जाणो पुढचा शिकार  
कोण ठरतंय

त्या आधी स्वर्ग उतार व्हा महाराज आणि पहा तुमच्या  
स्वराज्यात काय काय घडतंय

अजून कुठे कुठे आणि कधीपर्यंत मेणबत्यांचे मेळावे  
भरणार

मेणबत्तीची ज्योत विजून अंधार होताच किंकाळी परत  
गुंजनार

इतकं सगळं होऊन जाऊन कुणाला काय फरक पडतंय  
घडलेल्या प्रकरणावर तर राजकारणच घडतंय

सुंदर आहे हो महाराज तुम्ही उभारलेलं हे स्वराज्य  
आशा आहे एक दिवस होईल ह्याचे सुराज्य

खूप काही संगायचं आहे तुम्हाला महाराज पण वेळ  
अपुरी पडतेय  
तोवर तुम्ही स्वतःच स्वर्ग उतार होऊन पहा महाराज  
की  
तुमच्या स्वराज्यात काय काय घडतंय....  
तुमच्या स्वराज्यात काय काय घडतंय....

चिन्मय साटम  
BE AI & DS

## वेळ



"वेळ सोडून, आपलं असं या जगात कोणी नाही.  
वेळ चांगली असेल, तर सगळे आपले असतात;  
आणि वेळ खराब असेल, तर आपले पण परके  
होतात.  
वेळच माणसाला 'आपल्या' आणि 'परक्याची'  
ओळख करून देते."

राजा शाह  
BE MECH

4

# REPORT SECTION

# **Faculty Qualification Upgradation (2024-2025)**

We proudly congratulate our faculty members who have successfully earned their doctoral degrees during the academic year 2024–2025. Their achievement strengthens not just their disciplines, but the academic spirit of our institution as a whole.



## **Dr. Swati Varma**

completed her PhD in Computer Engineering from RAIT, D. Y. Patil Deemed to be University. Her research focused on NLP-based disease prediction from unstructured clinical data using contextual embeddings, domain adaptation, transfer and zero-shot learning, neuro-fuzzy data augmentation, and explainable models for real time Indian data.



## **Dr. Mrunal Kshirsagar**

successfully completed her PhD in Tribology from VJTI, Mumbai. The title of her PhD thesis is "Analytical and Experimental Investigation of Coefficient of Friction at the Interface of Automobile Brake Pads Using Greenwood-Williamson Contact Model." Her research involved analytical and experimental investigation of friction behavior at the automobile brake pad-disc interface using the Greenwood-Williamson contact model. The study provides a micro-contact-based understanding of brake friction and offers insights for improving brake pad design and performance.





## DEPARTMENT OF MECHANICAL ENGINEERING



It gives me immense pleasure and honor to present the annual report of the Department of Mechanical Engineering for the academic year 2024-25.

The Department of Mechanical Engineering organised a Bicycle Rally for Energy Conservation on account of Energy Conservation Week. 5 New MOUs were signed in 2024-25 with Industries for a period of 3 years, and there are 22 functional MOUs. The Department conducted training sessions for Parle Global Pvt. Ltd. The various activities and achievements of the Mechanical Engineering Department are summarised below:

### Faculty Achievements:

- 1.Dr. Uday Aswalekar** is a BoS Member in Thakur College of Engineering & Technology.
- 2.Dr. Ashish Chaudhari** was a Judge at the Avishkar Research Convention Zonal Round by the University of Mumbai.
- 3.Dr. Ashish Chaudhari** was a Conference paper Reviewer for K.J.Somaiya College, Mumbai.
- 4.Mr. Dipak Choudhari** delivered a lecture at CSRM Coimbatore for ESVC participants and got the best faculty advisor award.
- 5.Mr. Swapnil Mane** patent (in process) on IoT Enabled Real-Time Gas Cylinder Weight Monitoring System.
- 6.Mr. Aniket Akhade, Dr. Javed Shaikh** published a patent on “Integration of Stirling engine with Scheffler collector for generation of electricity” dated 20th Dec 2024.
- 7.Dr. Javed Shaikh** was a reviewer for Scopus Index Journal (Scientific Report and Water Conservation Science and Engineering).

**8.Dr. Mrunal Kshirsagar** was an External reviewer during the 3rd International Conference on Science, Technology, Engineering & Mathematics for Sustainable Development, Atharva College of Engineering, Mumbai.

**9.Dr. Mrunal Kshirsagar** was a Peer-Reviewer for a Book Chapter, BP International – Innovative Science, Technology.

### Industrial Consultancy:

**1.Dr. Ashish Chaudhari**, Design and Development of Linear Induction Motor for Synergy Water Park Rides Pvt.Ltd.

**2.Mr. Swapnil Mane**, Energy Audit for Reliance Industries through ARS Energy Auditors.

**3.Mr. Kamlesh Bachkar** provided Training on PLC, drives and generated revenue by providing Training at the Siemens Centre of Excellence.

### Paper Publications/Conference attended:

**1.Dr. Uday Aswalekar, Dr. Ashish Chaudhari**, “Compressed Biogas with Biodiesel as Pilot Fuel Performance on Novel Variable Compression Ratio Mechanism Assisted DI Diesel Engine”, Advances in Clean Energy and Sustainability, SPRINGER NATURE, Sep 2024

**2.Dr. Uday Aswalekar, Dr. Javed Shaikh, Mr. Aniket Akhade**, “The potential of integrating solar power membrane distillation with humidification system to recover portable water from textile wastewater process Intensification”, Chemical Engineering and Processing, Elsevier, Oct 2024.

**3.Dr. Ashish Chaudhari, Mr. Vinay Patel**, “Performance Study of Titanium dioxide Nanomaterial based Perovskite Solar Cell and comparison with organic Dye Sensitized Solar Cell”, Advances in Clean Energy Technology, SPRINGER, Dec 2024.



4. **Dr. Ashish Chaudhari**, “Performance Assessment of Biogas Fuel and Effect of EGR in Spark Ignited Engine”, CRC PRESS.
5. **Dr. Ashish Chaudhari**, “Performance Assessment of Enriched Biogas Fuel under varying compression ratio and ignition location in Spark Ignited Engine”, 3rd International Conference on Innovations in Clean Energy Technologies (ICET-2025), MANIT Bhopal, Feb 2025.
6. **Dr. Ashish Chaudhari, Mr. Vinay Patel**, “Design, Analysis and Optimization of Battery Pack for FSAE Electric Vehicle”, Indian National Conference on Applied Mechanics (INCAM 2024), NIT Warangal, July 12-14, 2024.
7. **Dr. Ashish Chaudhari, Mr. Vinay Patel**, “Optimization of Streamlining Speed and Positioning of Dual Axis Vision Print Machine”, INCAM 2024 NIT Warangal, July 12-14, 2024.
8. **Mr. Dipak Choudhari**, “Analysis of flower drying process using hot air blower”, SPARK 2025.
9. **Mr. Dipak Choudhari**, “Pressurized less water flushing system for public toilets”, NCETMEA’25.
10. **Mr. Vinay Patel**, “Advanced Thermal Characterization of Rubitherm RT35 Melting Dynamics in a Horizontally Configured Energy Storage System with Eccentric Linear Heat Source”, International Conference on Advances in Sustainable Solutions for Energy Transitions (ASSET 2025), School of Energy Science and Engineering, IIT Guwahati, Jan 2025.
11. **Mr. Vishwas Palve**, “Design and Experimentation of Cavity receiver for Fresnel lens solar collector”, SPARK 2025.
12. **Mr. Kamlesh Bachkar**, “Development of Automated Injection Molding Machine”, National Conference on Emerging trends in Mechanical Engineering and its application for Technological Applications, SRM Institute of Science of Technology, Chennai, April 2025.
13. **Mr. Mukund Kavekar**, “Optimizing Predictive Maintenance in Mechanical Engineering: AI and ML for Lathe Machines”, Proceedings of the International Conference on Sustainable Expert Systems (ICSES-2024).
14. **Mr. Aniket Akhade**, “Review on Recent Technological Advancements on Solar-Powered Stirling Engine”, Wiley, May 2025.
15. **Mr. Aniket Akhade**, “The potential of integrating solar-powered membrane distillation with a humidification–dehumidification system to recover potable water from textile wastewater”, Elsevier B.V., Dec 2024.
16. **Mr. Gaurav Bhawde**, “Investigation on the effect of diethyl ether (DEE) with waste fish oil biodiesel in direct injection (DI) diesel engine”, Challenges and Opportunities in Industrial and Mechanical Engineering: A Progressive Research Outlook, Taylor and Francis, Sep 2024.
17. **Mr. Gaurav Bhawde**, “Thermal performance of artificially packed bed solar air heater”, Challenges and Opportunities in Industrial and Mechanical Engineering: A Progressive Research Outlook, Taylor and Francis, Sep 2024.
18. **Ms. Anagha Singh**, “Design & Analysis of Pressure Vessel Reactor Agitator for Variable Loading”, Indian Institute of Industrial Engineering Journal, Sept-2024.
19. **Dr. Mrunal Kshirsagar**, “Understanding psychological determinants of driver error: A case study of the 2024 Kurla bus crash”, World Journal of Advanced Engineering Technology and Sciences, Magna Scientia, 2025.

**FDP's and STTP/Training attended:**

1. **Dr. Uday Aswalekar, Mr. Tushar Kumar Raut** completed a 6-day ATAL FDP on “Advanced Manufacturing In The Context of Industry 4.0 & Industry 5.0”.
2. **Dr. Ashish Chaudhari** attended a one week GIAN course on “Combustion Theory and its Applications” organised by IIT Guwahati.
3. **Dr. Ashish Chaudhari, Mr. Vinay Patel** completed a 6-day ATAL FDP on “Alternative Fuels: Key to a Sustainable Future” at the



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Government Polytechnic Daman.

4. **Mr. Dipak Choudhari, Mr. Vishwas Palve** completed a 6-day ATAL FDP on “Manufacturing Techniques for Novel Materials: The impact of Industry 4.0”.
5. **Mr. Vishwas Palve** completed ISTE FDP on “Mastering Research Writing & Intellectual Property: A comprehensive Approach to Academic Success”, Sinhgad College of Engineering, Vadgaon, Pune.
6. **Mr. Kamlesh Bachkar, Mr. Gaurav Bhawde, Ms. Anagha Singh, and Dr. Mrunal Kshirsagar** completed STTP on “Bridging the gap between theoretical and physical world in Mechanical Engineering Domain”, YCCE Nagpur, May 2025.
7. **Mr. Kamlesh Bachkar** completed “LLM Engineering: Master AI, Large Language Models & Agents”, MOOC Course, Udemy, Jan-April 2025.
8. **Mr. Kamlesh Bachkar** completed a 6-day ATAL FDP on “Transforming Industry 4.0 with Digital Twins: An Online FDP on Enhancing Sustainability and Manufacturing Efficiency”, Dec 2024.
9. **Mr. Mukund Kavekar** completed 6 days ATAL FDP on “The Role of Artificial Intelligence in Sustainable Waste Management”, Feb 2024.
10. **Mr. Rishabh Melwanki** completed a 30-hour Hands-on Training Program on “6 Axis Industrial Robotic Arm and DOBOT”, by ResponseNET.
11. **Mr. Aniket Akhade** successfully completed the One Week STTP on Advances in Manufacturing in the context of Industry 4.0 at St. John COE.
12. **Mr. Aniket Akhade** successfully completed the One Week STTP on Principles, Techniques and Perspectives on Optimization Techniques in Engineering Applications, VIT, Vellore.
13. **Dr. Umeshchandra Mane** completed a 42-hour course on “CATIA V5- Computer Aided Design”, on Infosys Springboard.

#### NITT:

1. **Mr. Rishabh Melwanki** completed modules

2,3,4,5,8. Completed all 8 modules of NITT.

2. **Mr. Vishwas Palve** completed all 8 modules of NITT.
3. **Ms. Priti Vairagi** completed modules 2 and 4 of NITT.
3. **Mr. Mukund Kavekar** completed module 2 of NITT.

#### NPTEL/Coursera Courses:

1. **Dr. Ashish Chaudhari, Mr. Vinay Patel, and Ms. Anagha Singh** completed “NBA Accreditation and Teaching -Learning in Engineering (NATE)”.
2. **Mr. Dipak Choudhari and Ms. Anagha Singh** completed a 4-week NPTEL course on “Outcome Based Pedagogic Principles for Effective Teaching”.
3. **Mr. Vinay Patel and Mr. Tusharkumar Raut** completed a 4-week NPTEL course on “Teaching and Learning in General Programs: TALG”.
4. **Mr. Swapnil Mane** completed an 8-week NPTEL course on “Waste to Energy”, Jan-Mar 2025.
5. **Mr. Vishwas Palve and Mr. Mukund Kavekar** completed the NPTEL course on “Designing Learner-Centric E-Learning in STEM Disciplines”, Aug-Sep 2024.
6. **Mr. Tusharkumar Raut, Dr. Umeshchandra Mane, and Mr. Akshay Save** completed an 8-week NPTEL course on “Accreditation and Outcome-Based Learning”.
7. **Mr. Tusharkumar Raut** completed a 4-week NPTEL course on “Effective Engineering Teaching In Practice”.
8. **Ms. Priti Vairagi** completed a 12-week NPTEL course on Computer Integrated Manufacturing Elite with a silver medal.
9. **Ms. Priti Vairagi** completed a 12-week NPTEL course on Product Design and Manufacturing Elite with a silver medal.

#### Expert Lectures organised/ Conducted:

1. **Mr. Swapnil Mane, Vishwas Palve** Conducted a Workshop on Solar at N. G. Vartak English Medium High School and Jr. College, Virar(E).
2. **Mr. Vishwas Palve** organised a Seminar



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on Simulation using SolidWorks on 24th Feb 2025.

3. **Mr. Vishwas Palve** organised an Expert Session for Project Management on Project Management Software for Scheduling on 8th April 2025.
4. **Mr. Tusharkumar Raut** organised an Expert Session for CNC&3DP on Project Management Software for Scheduling on 19th March 2025.
5. **Ms. Priti Vairagi and Mr. Gaurav Bhawde**, under VMEA, organised a Condition Monitoring Workshop on 19th Sept 2024.
6. **Ms. Priti Vairagi and Dr. Javed Shaikh**, under VMEA, organised an expert session on Mastering the art of research writing: Research proposal & academic paper on 27th Sept 2024.
7. **Ms. Priti Vairagi**, under VMEA, organised an expert session on HVAC and its application, use of building Management, and IoT for energy efficiency on 7th March 2025.
8. **Mr. Mukund Kavekar** organised a Vocational Pump Training Course in collaboration with Kiron Hydraulic Needs Pvt. Ltd. from 7th to 28th March 2025.
9. **Mr. Mukund Kavekar** coordinated training for TE students on a Basic 3D printing course for students in association with All India Manufacturing Association's Arvind Mehta Technology and Entrepreneurship Centre (AIPMA's AMTEC) in July 2024.
10. **Mr. Mukund Kavekar** coordinated the training activity "Advance 3D printing/ Scanning and Reverse Engineering" under the CSR Fund of AIPMA.
11. **Mr. Rishabh Melwanki**, under ISHRAE, organised an Expert session on India's Leadership in Embracing Net Zero on 2nd April 2025.
12. **Mr. Gaurav Bhawde** organised an expert session for SCS on Financial Literacy on 7th March 2025.

#### Industrial Visit

1. **Dr. U. V. Aswalekar, Mr. Gaurav Bhawde, and Ms. Manisha Dhanorkar** organised an

Industrial visit for KOM to Jaggu Hydraulic PVT.LTD, Vasai on 21st April 2025.

2. **Dr. Uday Aswalekar, Mr. Gaurav Bhawde, and Ms. Manisha Dhanorkar** organised an Industrial visit for KOM to Sizer Gears, Vasai (East) on 10th March 2025.
3. **Dr. Ashish Chaudhari** organised an Industrial visit to Dhara Industries on 5th Oct 2024.
4. **Dr. Ashish Chaudhari** organised an Industrial visit to Accurate Springs Pvt. Ltd., Vasai, on 11th April 2025.
5. **Mr. Vinay Patel** organised an Industrial visit for Turbomachinery to Uni-Therm Engineers, Naigaon (East), on 8th April 2025.
6. **Mr. Rishabh Melwanki**, Mr. Swapnil Mane arranged an Industrial visit for HVAC&R for TE students to the Ice factory, Pachubandar on 21st March 2025.
7. **Mr. Tusharkumar Raut** organised an Industrial Visit for the product process at Sunil Enterprise on 5th Oct 2024.
8. **Mr. Mukund Kavekar** organised an Industrial Visit at Vasai Virar Municipal Transport Maintenance Depot on 23rd Sept. 2024.
9. **Mr. Mukund Kavekar** organised an Industrial Visit for OPC at Thermolab Scientific Equipments Pvt Ltd. on 20th March 2025.
10. **Mr. Aniket Akhade** arranged an Industrial visit for Elements of Mechanical Engg. for FE students to the Ice factory, Pachubandar, on 17th March 2025.

#### Students' Achievements:

#### Result for Academic Year 2024-2025:

SE Toppers

Rank	Name	Pointer
1	Sharma Udit	9.48
2	Yadav Vijaykumar	9.09
3	Jain Dhruv & Machhi Sajan	8.96



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## TE Toppers

Rank	Name	Pointer
1	Salvi Vedant	9.87
2	Rawool Rohan	9.26
3	Yadav Atulkumar	9

## BE Toppers

Rank	Name	Pointer
1	Patil Neha	9.22
2	Bhatkar Ved	9.11
3	Churi Yuta	8.54

## Campus Placements:

Name of Company	No. of Student Placed
Allegro Global Private Ltd	2
Chintamani Engineering Industries India Pvt. Ltd	9
Imaginarium India Pvt. Ltd.	1
Johnson & Controls	1
Jolly Clamps Private Limited	2
Key Tech Engineering Company	4
King Metal Works Pvt. Ltd.	1
Kumar Metals Pvt. Ltd	5
Linit Exports Pvt. Ltd	4
Nisiki India Pvt. Ltd	1
Parle Elizabeth Tools Pvt. Ltd	2
Parle Global Technologies Pvt Ltd	1

Prama Hikvision India Pvt. Ltd.	3
Thermolab Scientific Equipment Ltd	1
Grand Total	37*
* Placement Still in Progress	

59 students undertook internships in 12 companies.

## Students' Other Achievements:

- Aditya Thakore, Yadhnik Mahadik, and Shrilej Nirgun** won 1st prize in state-level project competition INNOVATEFEST 2025, organised by the Department of Mechanical Engineering, Saraswati College of Engineering, Navi Mumbai, 28th March 2025.
- Jaysurya Nadar** completed a 12-week NPTEL course on Applied Ergonomics, Jan-April 2025.
- Shatakshi Raut** completed a 12-week NPTEL course on German – I, Jan-April 2025.
- Shlok Mayekar** completed a 12.5-hour course on Python for Mechanical Engineers on Udemy, Feb 2025.
- Shlok Mayekar** completed the CATIA V5-CAD course on Infosys Springboard, May 2025.
- Govind Kasralikar** completed the HP LIFE online course AI for Beginners, June 2025.
- Chaitanya Waigankar** won 2nd prize in Volleyball during Kurukshestra, D.Y. Patil School of Art and Commerce, Navi Mumbai, 25 Nov 2024.
- Chaitanya Waigankar** won 3rd prize in SHOT PUT, Vasai Virar Kalakrida, Dec 2024.
- Mansi Joshi, Pooja Gupta, and Ayaan Diwan** won 2nd prize in Tug of War at AAVEGA 2025, organised by PTVA's Institute of Management, 5-6 Feb 2025.
- Pooja Gupta, Brahmi Verma, and Shatakshi Raut** won 1st prize in Tug of War at Avahan 2025, VCET, 10-12th Jan 2025.
- Prabodh Raut** won 2nd position in Football at Avahan 2025, VCET, Jan 10-12 2025.
- Ganesh Joshi** won 3rd prize in the carrom



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tournament at L. S. Raheja College of Arts and Commerce, Santacruz, Mumbai.

13. **Ayaan Diwan** won 2nd prize in Tug of War at Rohidas Patil Institute of Management, Jan 2025.
14. **Chaitanya Waigankar** won 3rd prize in the Volleyball event in COLOSSEUM'24 at Ramnarain RUIA Autonomous College.
15. **Akash Rajput, Harsh Jain, and Jayesh Bhagat** of Team Airnova won 1st prize in the national competition Skyglide at IIT BHU Varanasi.
16. **Yuvraj Singh, Shasta Jadhav, Chaitanya Waingankar, and Dashrath Patel** of Team SOLECTHON won 1st prize in SEVC 2025 at HCET Coimbatore.
17. **Dhruv Kadam, Anish Rathod, Chinmay Honakande, Yash Kadam, Omkar Hatkar, Omkar Gorule, Rushabh Jadhav, Heramb Shinde, Reuben, Rohit Gorivale** of Team CENTURION won 2nd prize in QBDC SEASON 7, FAME MOTO PARK HYDERABAD.

**Dr. U.V. Aswalekar,**  
**Head of Department**  
**Mechanical Engineering**



## DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING



It gives me immense pleasure and honor to present the annual report of the Department of Electronics and Telecommunication Engineering for the academic year 2024-25.

The Department of Electronics and Telecommunication Engineering has been re-accredited by NBA for three years. The department is always striving to provide the best opportunities for students. The various activities and achievements of the Department are summarized below:

### Faculty Achievements:

1. Dr. Vikas Gupta, Dr. Amrita Ruperee, and Dr. Ashish Vanmali were invited as Session Chair at the 7th IEEE International Conference on "Emerging Smart Computing and Informatics" at AISSMS College, Pune, held on 5th to 7th March 2025.
2. Dr. Amrita Ruperee and Dr. Sunayana Jadhav served as Technical Program Committee Members for the 7th IEEE International Conference on "Emerging Smart Computing & Informatics (ESCI - 2025)" organised by AISSMS Institute of Information and Technology.
3. Dr. Amrita Ruperee and Dr. Sunayana Jadhav were reviewers for the International Conference on "Climate Change (ICCC-2025)" organised by SNDT University.
4. Dr. Vikas Gupta was a reviewer and Session Chair at the International Conference on Computational Complexity and Intelligent Algorithms (IC3IA), held on March 8-9th, 2025.
5. Dr. Vikas Gupta was invited as a Session Chair at the MULTICON-W at Thakur College of Engineering & Technology, Mumbai, held on 21st

and 22nd February 2025.

6. Dr. Vikas Gupta was a Reviewer at the IEEE 2nd DMIHER International Conference on AI in Healthcare, Education & Industry (IDICAIEI 2024) on 29 and 30 November 2024.
7. Dr. Vikas Gupta was invited as an expert for Electronics & Computer Science on 31st May 2024, for an interview scheduled on 25th June 2024, for the posts of Professor and Assistant Professor in the Electronics & Computer Science branch.
8. Dr. Amrita Ruperee was a reviewer for the 2025 IEEE International Conference on Emerging Trends in Industry 4.0, organised by SIES College, Navi Mumbai
9. Dr. Amrita Ruperee was a reviewer for the International Journal of Communication System, Wiley Publication.
10. Dr. Amrita Ruperee and Dr. Sunayana Jadhav were session chairs for NCRENB 2025 at VIVA Institute of Technology, Virar, on 7th and 8th March, 2025.
11. Dr. Sunayana Jadhav was invited as a judge at the 18th Avishkar Inter Collegiate Research Convention (Zonal Round, 2024-25).
12. Dr. Ashish Vanmali was invited as a reviewer at the 7th IEEE International Conference on "Track Image and Signal Processing" at AISSMS Institute of Information and Technology, held on 5th to 7th March 2025.
13. Dr. Sunayana Jadhav was convenor for the FDP "Inculcating Universal Human Values in Technical Education" at VCET, Vasai, in association with AICTE, 31st Aug.-2nd Sep. 2024
14. Dr. Ashish Vanmali contributed as a reviewer at the IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI 2025), held on 6 to 8 March 2025 at IIIT Gwalior
15. Ms. Shaista Khanam was awarded the best



IETE ISF convenor by the IETE Mumbai section.  
16. Ms. Trupti Shah was invited as a Judge at Thadomal Sahani College of Engineering for the 48 Hours Hackathon on 29th March 2025.

#### Paper Publications/Conference Attended:

1. Dr. Sunayana Jadhav and Dr. Amrita Ruperee published a paper titled "Smart and Secure DoorBell" in MSJ, Volume XIII, August 2024.
2. Dr. Amrita Ruperee and Dr. Sunayana Jadhav's paper titled "Centralized Resource Management and Tracking System" has been published in MSJ, Volume XIII, September 2024.
3. Dr. Sunayana Jadhav, Dr. Amrita Ruperee, and Ms. Trupti Shah published the paper, "An Investigation and Design of a Conceptual Framework of Digital Twin with Industry 4.0 Enabling Technologies" in the SSRG Scopus-indexed Journal.
4. Dr. Sunayana Jadhav and Dr. Amrita Ruperee's paper titled "Intelligent Crime Scene Recognition: Advancing Public Safety through Deep Learning Architectures and Event Sequence Analysis" has been published in the SSRG International Journal of Electrical and Electronics Engineering.
5. Dr. Sunayana Jadhav and Dr. Amrita Ruperee have published a patent on "Smart – Dynamic Vibration Damping System".
6. Ms. Shaista Khanam's research paper "Hybrid Feature Approach for Enhancing Zero-Shot Image Classification" was published in Communications in Computer and Information Science by Springer.
7. Ms. Ashwini Katkar's research paper, "Modeling Channel Dynamics in Molecular Communication Systems," has been published in the Scopus-indexed Journal of Information Systems Engineering and Management.
8. Ms. Ashwini Katkar's paper "Hybrid Feedback Controlled Strategy for Enhanced Molecular Communication" won the Best Paper Award at the MULTICON-W International Conference-2025, at TCET, Mumbai.

9. Ms. Neha Gharat's research paper "Machine Learning- Enhanced Hybrid Source Location Privacy Protocol for Improved Security and Network Longevity in IoT Networks" has been published in the Scopus-indexed Journal of Information Systems Engineering and Management.

10. Mr. Sandeep Pawar's paper titled "Compact Size High Gain RFID Antenna Array" has been published in the International Journal of Microwave and Optical Technology, Volume 19, May 2024.

11. Ms. Shaista Khanam published a copyright for the work "Smart Farming: Enhancing Network Infrastructure for Agricultural Sustainability".

12. Ms. Ashwini Katkar's work on "An Advanced Bank Application for Enhanced Customer Experience and Efficiency in Operation" has been published under copyright.

13. Ms. Bharati Gondhalekar and Ms. Kanchan Sarmalkar have published a patent on "Smart fragrance Dispenser for Washrooms".

14. Ms. Bharati Gondhalekar and Ms. Kanchan Sarmalkar have published a patent on "A Deep Learning based System for Identifying currency notes for visually impaired individuals and its methods thereof".

#### NPTEL/FDP Courses:

1. Dr. Amrita Ruperee, Dr. Sunayana Jadhav, Ms. Shaista Khanam, Ms. Ashwini Katkar and Ms. Kanchan Sarmalkar have successfully completed ATAL FDP on "Gen AI and Agentic AI: The future of Intelligent System from 15th June to 20th June 2025".

1. Dr. Amrita Ruperee and Dr. Sunayana Jadhav successfully completed an ATAL-Sponsored FDP on "Recent Trends in 5G/6G Wireless Communication", at Sanskruti College of Engineering and Technology, from 6th January to 11th January 2025.

2. Dr. Vikas Gupta successfully completed ATAL-Sponsored FDP on "mmWave Technologies at Vivekanand



Education Society's Institute Technology from 13th January 2025 to 18th January 2025.

3. Dr. Amrita Ruperee and Dr. Sunayana Jadhav successfully completed ATAL-sponsored "Industry 4.0: Research and Applications Perspective" at Prashanti Institute of Technology and Science, from 16th December 2024 to 21st December 2024.

4. Dr. Sunayana Jadhav successfully completed ATAL-Sponsored FDP on "Next Gen Communications for IoT and Industrial Automation", at Holy Mary Institute of Technology and Science, Hyderabad, from 20th January to 25th January 2025.

5. Ms. Neha Gharat topped the NPTEL 12-week FDP on Introduction to Industry 4.0 and Industrial Internet of Things, July-Oct 2024.

6. Ms. Neha Gharat successfully completed the NPTEL course on "Computer Vision and Image Processing" from January to April 2025.

7. Ms. Shaista Khanam successfully completed a four-week NPTEL course on "Python for Data Science".

8. Dr. Ashish Vanmali, Ms. Sandhya Supalkar, Ms. Ashwini Katkar, Ms. Neha Gharat, and Ms. Trupti Shah successfully completed ATAL-sponsored FDP on "Data to Impact: AI in Healthcare and Agriculture", at SPIT, Andheri, from 9th to 14th Dec, 2024.

9. Dr. Ashish Vanmali has successfully completed the ISTE approved FDP on "Effective AI Tools Enhancing Teaching, Learning and Research", from Xavier Institute of Engineering, Mahim, held on 1-6 July 2024.

10. Ms. Ashwini Katkar successfully completed an ATAL-sponsored FDP on "Geo-AI: Innovations in AI for improved Spatial Data Processing", at RAIT from 2/12/24 to 7/12/2024.

11. Ms. Sandhya Supalkar, Ms. Shraddha Gosavi, and Ms. Bharati Gondhalekar successfully completed the FDP on "Semiconductor Fabrication & Packaging Technology", organised by EICT Academy, IIT Roorkee.

12. Ms. Kanchan Sarmalkar has successfully completed the FDP on "AI Mastery for Educators" conducted by IIT Patna.

13. Ms. Bharati Gondhalekar successfully completed FDP on "Effective AI tools Enhancing Teaching, Learning and Research" from 1st July to 6th July 2024, conducted by Xavier Institute of Engineering, Mumbai.

#### Activities/Webinar/Workshop/Events Conducted By The Department:

1. Dr. Sunayana Jadhav and Ms. Sandhya Supalkar conducted 30 hours of Training on "Digital System Design and Verification using CPLD (Krypton) Board", in association with IIT Bombay Well Lab.

2. Ms. Shaista Khanam and Ms. Trupti Shah conducted 30 hours Training on "Microcontroller PT-51 Board" in association with IIT Bombay on 3rd and 14th July 2024.

3. Ms. Shaista Khanam conducted an Expert lecture on "From Features to Intelligence: Journey and Recent Trends" at Vidyalankar Institute of Technology on 29 March 2025.

4. Ms. Shaista Khanam conducted FPGA workshops at Rajiv Gandhi Institute of Technology, Andheri, on 17 March 2025.

5. Ms. Shaista Khanam conducted FPGA workshops at Shree L. R. Tiwari College of Engineering on 4th July 2024.

#### IEEE, IETE, and ETA Committee:

1. VCET IETE SF has organised a one-week training Program in association with IITB on "PT-51 Microprocessor Lab" conducted by Ms. Shaista Khanam and Ms. Trupti Shah from 3rd July 2024 to 7th July 2024.

2. VCET IETE SF has organised a webinar on "STM-32 Workshop" on 3rd August 2024, conducted by Mr. Rajas Patil, Embedded Software Engineer at Faurecia Clarion.

3. VCET IEEE SB and IETE SF have organised ANVESHAN- a product Showcase, on 27th September 2023.

4. The Seminar on "NVIDIA Jetson AI Edge Device" was held on 30th August 2024 in association with IETE, with Mr. Anil Sarode as the speaker.



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5. TE Students visited the Evergreen Engineering Co. Pvt. Ltd., a leading LED light manufacturer, hosted on October 3, 2024, organised by the IEEE Committee.

6. The "Wave Talk: Exploring DSP in Speech Processing" event took place on 18th October 2024, in association with IETE, conducted by Dr. Ashish Vanmali.

7. On January 22, 2025, a visit to the Centre for Excellence in Telecom Technology and Management (CETTM) in Powai, Mumbai, was organised by IEEE-SB, VCET, for the final year students.

8. VCET IETE SF has organised a Hands-Workshop on FPGA on 29th & 31st January 2025, conducted by Ms. Shaista Khanam and Ms. Trupti Shah.

9. IEEE SB, in association with First Year Engineering, organised a 2-day Arduino workshop on February 5th, 2025, for first-year students, conducted by Ms. Shaista Khanam and Ms. Trupti Shah.

10. VCET IEEE SB has organised "FE QUIZ" on 7th February 2024.

11. VCET IETE SF has organised IETE Students Day Seminar on 21st February 2025, conducted by Mr. Sameer Adhwaryu, Founder, SCAD Technologies.

12. VCET IETE SF has organised "Electroforge"- the Robotics Workshop on 8th March 2025.

13. VCET IEEE SB has organised a seminar on Application and Game Development on 27th March 2025 by Mr. Raj Gajera, Senior Developer at IDZ Digital.

14. VCET IEEE SB and VCET IETE SF have organised Oscillations'24 - Technical Paper Presentation on 4th April 2024 and VNPS'24 VCET National level Project Showcase on 5th April 2024.

15. VCET IETE SF has organised an Industrial Visit to Transpower Solutions, Vasai, for SE students on 8th April 2025.

16. VCET IEEE SB organised an Industrial Visit to Mazgaon Dockyard for final year students on 9th April 2025.

17. VCET IEEE SB organised a seminar on Unveiling neural networks through image processing, conducted by Dr. Ashish Vanmali on 16th April 2025.

## Student's Achievements:

### Result for Academic Year 2024-2025:

#### Toppers Second Year

Rank	Name	Pointer
1	Lahane Sairam Anil	9.59
2	Sutar Manswi Mahendra	9.38
3	Palkar Ninad Sameer	9.25

#### Toppers Third Year

Rank	Name	Pointer
1	Arshveersingh Narindersingh Bhogal	9.465
2	Taru Sonal Arun	9.37
3	Bhakti Arvind Bosamiya	9.31

#### Toppers Final year

Rank	Name	Pointer
1	Qureshi Ayan Abdul Khaliq	8.575
2	More Sakshi	8.245
3	Wadekar Kaushal Prakash	8.165

#### Campus Placements:

Company Name	Total No of Students Placed
TCS	5
Bristelcone	2



Spectrum Instrument	2
Prama Hikvision	4
Brandworks	4
Sujan Industries	2
Set Point Engineering	1
PPI	1
Prolite	1
Axisol	1
Enpower	2
Formix International India Private Limited	1
Prolite	2
Tata Communications	1
Hudl India Pvt Ltd	1
Scalix Pvt Ltd	2

Placements are still in progress for the remaining students of the BE batch 2025. 08 students are planning for higher studies. 95 students undertook internships in 23 companies.

#### Student's Other Achievements:

- Aditya Pal, Prapti Raut, Arya Vartak, Aditya Shigam, and Pranjali Bhanushali from the third year won the first runner-up position for the project "Waste Management System" by VVMS, Vasai.
- Vinay Gawai, Mihir Gosavi & Hemant Jena

from the final year secured 3rd prize at the ISF Congress 2025 at Shah and Anchor Engineering College, Mumbai

3. Prapti Raut, Aditya Pal, Omkar Laad, Aditya Shigam, and Pranjali Bhanushali from the third year won the first prize in the Swaach Bharat competition at Annasaheb Vartak College.

1. Aditya Pal, Chinmayi Upadhyaya, Aditya Shigam, and Pranjali Bhanushali from the third year participated in the 48-hour Tech-A-Thon'25 conducted by Thadomal Shahani Engineering College, Mumbai.

2. Vinay Gawai, Mihir Gosavi & Hemant Jena from the final year secured 3rd prize at the ISF Congress 2025 at Shah and Anchor Engineering College, Mumbai.

3. Chinmayi Upadhyaya, Bhakti Bosamiya, and Sachin Chaudhary secured second prize in the Circuitry Maze Competition. Azhar Khan, Adarsh Singh secured third prize in Circuitry Maze Competition at Thadomal Shahani College of Engineering.

**Dr. Amrita Ruperee  
Head of Department  
Electronics and Telecommunication Engineering**



## DEPARTMENT OF COMPUTER ENGINEERING



It gives me immense pleasure and honor to present the annual report of the Department of Computer Engineering for the academic year 2024-25.

The Department was accredited by the National Board of Accreditation for a period of 3 years (2025-26 to 2028-29). The other major activities done and achievements of the Computer Engineering Department in the Academic Year 2024-25 from 1st July 2024 to 30th June 2025 are as follows:

### Faculty Achievements:

1. Department received a grant of Rs. 3.5 lakhs by AICTE-ATAL Academy for organizing a faculty development program on GenAI and Agentic AI: The Future of Intelligent Systems
2. "Oracle Academy Center of Excellence Laboratory" was established under the coordination of Dr. Satish Salunkhe
3. Dr. Swati Varma successfully completed her PhD in Computer Engineering from RAIT, Mumbai University.
4. Mrs. Soniya Khatu enrolled for PhD program in Computer Engineering from Mumbai University.
5. Ms. Priti Rumao, Dr. Anil Hingmire, Mrs. Soniya Khatu, and Mrs. Bhakti Jadhav published a patent titled 'Device To Identify Active Constituents From Medicinal Plants'.
6. Dr. Anil Hingmire published a patent titled 'Smart – Dynamic Vibration Damping System (SDVDS) for Motorcycle'.
7. Dr. Swapna Borde, Jay Gupta, Prapti Patil, and Sushant Patil published a patent titled 'Automated Checkout System Using Deep

Learning for Shopping Malls'.

### Copyrights:

1. Mrs. Brinal Colaco, Vedant Kale, Mihirkumar Lad, and Jay Kore registered a copyright titled 'Augmented Reality Based Indoor Navigation Using Vuforia Engine With Voice Assistant For The Visually Impaired'.
2. Dr. Megha Trivedi, Krisha Chikka, Yash Chavan, and Anjali Gupta registered a copyright titled 'Scorezy'.
3. Mrs. Sneha Mhatre, Sanket Patil, Sanket Bauskar, Isha Raut, and Siddhi Wade registered a copyright titled 'All Smiles Dental Clinic Webapp'.
4. Dr. Swapna Borde, Jay Gupta, Prapti Patil, Prachi Parab, and Vedika Sankhe registered a copyright titled 'Antivirus System'.
5. Dr. Anil Hingmire, Archa Jadhav, Suyash Shelar, and Vedant Chaskar registered a copyright titled 'Recovery Period Prediction For Orthopaedic Patients'.
6. Mrs. Smita Jawale, Krisha Chikka, Vaidehi Devrukhan, Pranali Chitre, and Anchal Biyani registered a copyright titled 'MINILAW: An Educational Gaming App'.
7. Dr. Dinesh Patil, Shivam Pandey, HarshPratap Singh, and Pranay Gore registered a copyright titled 'Secure and Efficient Police Department System using Blockchain'.
8. Mrs. Smita Jawale, Mrs. Sneha Mhatre, Paarth Baradia, Pratima Bombe, and Vaishnavi Gaikwad registered a copyright titled 'JEVLIS KA - An Intelligent Recipe Generator'.
9. Mrs. Swati Varma, Paarth Baradia, Pratima Bombe, and Vaishnavi Gaikwad registered a copyright titled 'CONNECTIVIEW: A Multi-Platform IOT Application for Unified Device



Management and Visualization'.

10. Mrs. Brinal Colaco, Nishant Bhandigare, Siddhesh Thakarkar, Mohak Tamore, and Prathamesh Tiwari registered a copyright titled 'SWAPCHARGE: An Intelligent Companion for your Electric Vehicle'.
11. Dr. Vikrant Agaskar, Swara Gharat, Bramheti Patil, and Srushti Gawande registered a copyright titled 'COMPLAINT HUB: Police Complaint Tracking Based on Blockchain'.
12. Dr. Megha Trivedi, Mrs. Akshaya Prabhu, Gaurav Desale, and Vivek Bargude registered a copyright titled 'MEDIHUB App'.
13. Dr. Megha Trivedi, Jay Kore, Mihirkumar Lad, Sambit Mazumder, and Disha Patil registered a copyright titled 'VCRYPTO - Student Excellence Reward System Using Crypto Token'.
14. Mrs. Sneha Mhatre, Wajiha Kulsum, Dhruv Kajare, Naina Kothari, and Sonu Kumhar registered a copyright titled 'Personalized Learning for Diverse Learners'.
15. Mrs. Sneha Mhatre, Mrs. Smita Jawale, Aditya Bhandare, Amey Chaudhari, Rutuja Mestry, and Anushka Supe registered a copyright titled 'PRO PLANET PERSON App'.
16. Mrs. Sneha Mhatre, Siddhesh Jondhale, Raj Kikani, Tejas Patil, and Vedika Sankhe registered a copyright titled 'FAMSAFE: A Family Safety Android Application'.
17. Dr. Megha Trivedi, Kshitij Patil, Pratham Ingawale, Rishabh Tripathi, and Hrushikesh Shetty registered a copyright titled 'WASTIFY: Waste Classification'..

#### Paper Publications/Conference attended:

1. Dr. Vikrant Agaskar published papers titled: Evaluating the Effectiveness of a Gamified and NLP-Enhanced Adaptive Learning Platform for Engineering Education; Development of Advanced Bioinformatics Tools for Integrating Genomic Data and Enhancing Diagnosis of Rare Diseases; Integrating Gamification and NLP: Analysis on an Adaptive Learning

Platform for Engineering Education; DermaTech: A Machine Learning and Deep Learning-Based Skincare Product Recommendation System; Deep Learning Approach for Analysis of Audio for the Diagnosis of Alzheimer; and Ensemble Learning Approaches for Predicting Flood Damage: A Comprehensive Analysis and Evaluation.

2. Mr. Sunil Katkar published papers titled: Modeling Channel Dynamics in Molecular Communication Systems and Vehicle Accident Detection and Alert System.
3. Dr. Dinesh Patil published papers titled: Revolutionizing CRM with AI: Clause Detection and Client Management and Suspect Face Generation and Recognition based on DCGAN.
4. Dr. Swati Varma published papers titled: Explainable zero-shot learning and transfer learning for real time Indian healthcare; Domain adaptation of transformer-based neural network model for clinical note classification in Indian healthcare; Enhancing Agri-Sustainability Multimodal Recommendations for Demand-Supply Alignment; and Classifying Temporomandibular Disorder and Trigeminal Neuralgia using Self-Supervised and Deep Learning Approach.
5. Dr. Anil Hingmire published papers titled: An Investigation and Design of Conceptual Framework of Digital Twin with Industry 4.0 Enabling Technologies; Exploration of OpenCV for Hand Gesture Recognition Techniques - A Review; and Data Augmented CNN Approach for Enhanced Speech Emotion Recognition.
6. Mr. Sanket Patil published papers titled: A Novel Multimodal Framework for Early Detection of Alzheimer's Disease Using Deep Learning and A Comprehensive Review of Deepfake and Its Detection Techniques.
7. Mrs. Manali Patekar published a paper titled: Voice Based E-Mail System for Visually Impaired People.
8. Dr. Megha Trivedi published papers titled: Enhancing User Experience in E-Commerce



using Deep Learning; TrackTrust: Revolutionizing Supply Chain Management Through Blockchain Integration; Swiftship - AI Optimized Delivery Time-slot Management; Legal Mitra: Simplified Legal Resources and Guidance Platform; AI-Powered Sleep Apnea Detection and Monitoring Using Deep Learning on ECG Signals; EmoTrack: Intelligent Hiring with Data and Emotion Detection; Advanced genome disorder prediction using machine learning; and Context-Aware Financial Forecasting Using Generative AI and Vector-Based Retrieval.

9. Mrs. Smita Jawale published papers titled: Drop Alert: Student Dropout Detection System and Court Cases Priorities and Timeline: Analysis and Prediction.
10. Mrs. Sneha Mhatre published papers titled: Advanced genome disorder prediction using machine learning; Deepfusion: A Novel Deep Learning Technique For Enhanced Image Super-Resolution; and Fetal Anomaly Detection in Ultrasound Images: A Review of Deep Learning Based Approaches.
11. Dr. Swapna Borde published a paper titled: Cricket Player Performance Analysis Using Deep Learning.
12. Mrs. Neha Surti published papers titled: Early Detection of Diabetic Retinopathy using Deep Learning and Automated Data Extraction and Forecasting Using Deep Learning.
13. Mrs. Brinal Colaco published papers titled: Blockchain Based Deepfake Video Detection Using Deep Learning and AI-Enhanced Security Framework for Blockchain.
14. Dr. Dinesh Patil and Mrs. Akshaya Prabhu jointly published a paper titled: Suspect Face Generation and Recognition based on DCGAN.
15. Dr. Swati Varma and Dr. Anil Hingmire jointly published a paper titled: Enhancing Agri-Sustainability: Multimodal Recommendations for Demand-Supply Alignment.
16. Ms. Sneha Mhatre published papers titled:

Deepfusion: A Novel Deep Learning Technique For Enhanced Image Super-Resolution and Fetal Anomaly Detection in Ultrasound Images: A Review of Deep Learning Based Approaches.

#### Book Publications:

1. Ms. Priti Rumao and Mrs. Soniya Khatu authored a book chapter titled 'Medical Imaging and Diagnostics Using Quantum Computing: A New Paradigm in Healthcare'.
2. Dr. Megha Trivedi and Mrs. Sneha Mhatre authored a book chapter titled 'A Deep Learning-Based Approach for Fruit Gradation (Post Harvesting Phase)'.
3. Dr. Satish Salunkhe authored a book chapter titled 'Health Record Storage and Accessing System Using Blockchain'.
4. Dr. Anil Hingmire authored a book chapter titled 'USB Fort Knox: Building a Robust Defense Against Data Breaches'.

#### Industrial Visit:

1. Dr. Swapna Borde, Dr. Swati Varma, Mrs. Brinal Colaco, Mrs. Manali Payghan and Ms. Joyce Dsouza visited EDBA Academy, Virar along with 50 students on 31/01/2025.
2. Dr. Megha Trivedi, Dr. Anil Hingmire, Mr. Sanjiv Vedpathak, Mrs. Smita Jawale, Ms. Sneha Mhatre, Ms. Neha Surti, Ms. Priti Rumao, Ms. Soniya Khatu visited Camlin Company, Boisar along with students on 24/01/2025
3. Dr. Anil Hingmire, Mr. Sunil Katkar visited Aspiring Media Tech Pvt Ltd Vasai for industry Student Project presentation
4. Dr. Satish Salunkhe, Ms. Priti Rumao, Ms. Soniya Khatu and Mr. Sunil Katkar visited BSE, churchgate along with students on 21/01/2025
5. Dr. Dinesh Patil, Mr. Chintamani Chavan, Dr. Amruta Mhatre, visited EDBA Academy, Virar along with 44 students on 04/10/2024.



### **Industry-Institute Interaction:**

1. Punctuations, Dattani Square, Vasai (West) – 27/03/2024
2. Jay Equipment and Systems Pvt. Ltd., Vasai (East) – 02/08/2024
3. Cosmic Web Solution, Evershine City, Vasai (East) – 23/09/2024
4. EDBA Academy, Virar – 04/10/2024
5. Kantascrypt Pvt. Ltd., Vasai (West) – 18/03/2025
6. SCOGO.AI, Navi Mumbai – 19/06/2025.

### **SDP/Internship etc. organized by the Department:**

1. Soft Skills Training was conducted from 1-07-2024 to 12-07-2024.
2. Certificate Course on Data Analytics was conducted from 20-1-2025 to 18-2-2025.
3. SDP on Data Structures and Algorithms using Java on Infosys Springboard Platform was conducted from 1-7-2024 to 5-7-2024.
4. SDP on Java Programming Fundamentals on Infosys Springboard Platform was conducted from 15-7-2024 to 15-10-2024.
5. SDP on Programming Fundamentals Using Python Part 1 & 2 on Infosys Springboard Platform was conducted from 15-1-2025 to 11-4-2025.

### **CodeChef Student Chapter – Bit-Byte-Go:**

1. A seminar on Competitive Coding was conducted on 12/08/2024.
2. The session From Classroom to Corporates: Path to Early Career Growth was conducted on 21/02/2025.
3. Codeathon was conducted on 27/06/2025.

### **Microsoft Learn Students Club:**

1. Python Cloud Skill Challenge was conducted from 03/08/2024 to 10/08/2024.
2. Future Navigation: Build International Career was conducted from 23/09/2024 to 24/09/2024.

### **Android Development Club (ADC):**

- The funded project on Website and Mobile App Development using Flutter for Chetan Dryfruit, Vasai was completed (no specific date provided).

### **BYTE Newsletter:**

1. BYTE technical newsletters were published on 27/09/2024 and 04/04/2025.

### **BYTE Wall Magazine:**

1. BYTE Wall Magazines were inaugurated on 27/09/2024 and 04/04/2025.

### **BYTE e-Magazine:**

1. The technical e-Magazine flipbook was released on 27/09/2024.

### **Student's Achievements:**

#### **Result for Academic Year 2024-2025:**

##### **SE Toppers**

Rank	Name	Pointer
1	Yadav Visha	9.54
2	Tathe Sharvari	9.38
3	Jadhav Saras	9.29

##### **TE Toppers**

Rank	Name	Pointer
1	Chavan Yash	9.87
2	Bargude Vivek	9.74
3	Borhade Shruti	9.7

##### **BE Toppers**

Rank	Name	Pointer
1	Bhandigare Nishant Tanaji	9.51
2	Gharat Swara Narottam	9.49
3	Patil Bramheti Shailesh	9.32



### Campus Placements:

Company Name	Total No of Students Placed
BristleCone	4
Feedspot	8
TCS	13
Dextralabs	3
DXC Technologies	3
Deloitte	1
Zeus Learning	1
HSBC	1
Saffiretech	1
e-zest	1
Cognizant	1
Bridge-up	1

### Students Other Achievements:

1. Deepak Vishwakarma from TE-3 secured First Runner-Up in HACKWARTS organized by LR Tiwari College of Engineering and Technology. He also secured First Runner-Up in Pravinya 2025 organized by PRP, Bhayandar.

2. Arya Raul from TE-3 secured First Runner-Up in HACKWARTS organized by LR Tiwari College of Engineering and Technology. She also secured Second Runner-Up in Gyan Manthan organized by Royal College of Arts Science and Commerce, First Runner-Up in Cosmos Jallosh organized by Valia College of Commerce and Arts, and First in the Solar Electric Vehicle Championship 2025 held at Coimbatore.

3. Kashif Siddiqui from TE-3 secured Second

Runner-Up in HACKWARTS organized by LR Tiwari College of Engineering and Technology and First Runner-Up in Pravinya 2025 organized by PRP, Bhayandar.

4. Bhoomika Sachin Surve from TE-3 secured First Runner-Up in Aimx organized by Aditya Institute of Management Studies and Research and Third place in Techvision Paper Presentation Competition organized by Thakur College of Engineering and Technology.

5. Chirag Patil from TE-2 received an Honorary position at PIWOT (IMAGINE) Hackathon organized at Jio World Convention Centre, Mumbai.

6. Abhijeet Shivaji Kadam from TE-2 received an Honorary position in the PIWOT (IMAGINE) Hackathon organized at Jio World Convention Centre, Mumbai.

7. Gaurav Patil from TE-2 received an Honorary position in the PIWOT (IMAGINE) Hackathon organized at Jio World Convention Centre, Mumbai.

8. Pranali Chitre from TE-1 secured First Runner-Up in Datathon 3.0 organized by NMIMS.

9. Advait Dongre from TE-1 secured First Runner-Up in Datathon 3.0 organized by NMIMS, won Meghahack 5.0 at St John's College of Engineering, and secured First Runner-Up in Hackanova 4.0 organized by Thakur College of Engineering and Technology.

10. Om Chauhan from TE-1 won Meghahack 5.0 at St John's College of Engineering, Palghar.

11. Vaidehi Devrukhkar from TE-1 won Meghahack 5.0 at St John's College of Engineering, Palghar, and also won Ingenious at Viva Institute of Technology, Virar.



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12. Abhishek Tiwari from TE-3 secured First Runner-Up in Hackanova 4.0 at Thakur College of Engineering and Technology, received an Honorary position in the Hunar Intern Web Tech Hackathon, and secured Third place in Techvision Paper Presentation Competition at Thakur College of Engineering and Technology.
13. Mayur Bhamare from TE-1 secured First Runner-Up in Hackanova 4.0 at Thakur College of Engineering and Technology, First Runner-Up in I Love Hackathon Bhubaneswar Edition, and Second Runner-Up in HackConquest Hackathon at Thakur College of Engineering and Technology.
14. Wahid Shaikh from TE-2 received an Honorary position in PEC Hacks 2.0 at PEC Chennai, secured First Runner-Up at the Tech Summit NIT Agartala, and secured First in the Solar Electric Vehicle Championship 2025 at Coimbatore.
15. Wajiha Kulsum from TE-2 received an Honorary position in PEC Hacks 2.0 at PEC Chennai, secured First Runner-Up at Tech Summit NIT Agartala, received an Honorary position in the Hunar Intern Web Tech Hackathon, and secured Third in the Techvision Paper Presentation Competition at Thakur College of Engineering and Technology.
16. Tanishka Das from TE-1 secured Second Runner-Up in I Love Hackathon Bhubaneswar Edition, Second Runner-Up in Utsav by Rahul Education, and Second Runner-Up in the Inter-college sports event at Clara's College of Commerce, Versova.
17. Gaurav Patil from TE-2 received an Honorary position at PIWOT (IMAGINE) Hackathon held at Jio World Convention Centre, Bandra East, Mumbai.
18. Nishant Bhandigare from BE secured First Runner-Up in WebCade organized by St. John College of Engineering and Management, Palghar.
19. Pratima Bombe from BE achieved an Honorary Top 25 position in the WWT All India Women Hackathon held online.
20. Kumud Zimal from TE-3 received an Honorary position in the Hunar Intern Web Tech Hackathon, and secured Third in the Techvision Paper Presentation Competition at Thakur College of Engineering and Technology.
21. Nikhil Anil Solanke from SE-3 won the Bot Combat League organized by SPIT.
22. Jainam Rajesh Jain from TE-2 won Technex25 at IIT BHU Varanasi, won Bot Combat League at SPIT, and won Megaleio25 at St. John College of Engineering and Management.
23. Aryan Jamsutkar from SE-1 secured Second Runner-Up in Gyan Manthan at Royal College, Second Runner-Up in Utsav 2025 at Shree L.R Tiwari College, First Runner-Up at Cosmos Jalash organized by Valia College, and won Vigour at Vidyalankar Institute of Information and Technology.
24. Tanisha Bhagat from SE-3 won Symphony organized by Somaiya Vidyavihar Institute.
25. Parth Raut from SE-3 won the ABVP Debate at Kapol College, won Speak for India 2025–2026 at Sydenham College, and secured First Runner-Up at Cosmos Jalash organized by Valia College.
26. Sharvari Tathe from SE-3 won the Comic Poster Making competition organized by Valia C.L. College of Commerce and Arts.
27. Vaidehi Raut from SE-3 secured First Runner-Up in Cosmos Jalash organized by Valia College of Commerce and Arts.
28. Tanvi Patil from SE-2 won multiple laurels including Second Runner-Up at Maharashtra State



Carrom Association Tournament, Second Runner-Up in Carrom Doubles Inter College at Ruia College, Second Runner-Up in Chess at AYODHYAM 2025, and several First-place wins in Carrom Singles at various inter-college competitions.

29. Tanishka Das from TE-1 secured Second Runner-Up at Utsav by Rahul Education, and Second Runner-Up at Inter College Sports Event at Clara's College of Commerce, Versova.

30. Dhruv Save from TE-3 secured First Runner-Up in SUMMIT (MIT WPU) Kabaddi at MIT WPU Pune.

31. Vinayak Kokkul from TE-2 secured First Runner-Up in MIT-WPU SUMMIT 2025 at MIT WPU Pune.

32. Sumit Mali from TE-2 won Tug of War at St. Francis Institute of Management & Research, Borivali(W), and secured First in the Solar Electric Vehicle Championship 2025 held at Coimbatore.

33. Rutuj Surve from SE-3 won Exuberance organized by St. Francis Institute of Management and Research.

34. Mandar Sawant from SE-3 secured First Runner-Up in Sports Inter-college at Thakur College of Engineering, Kandivali.

35. Palak Churi from SE-2 won Gold in the Mallakhamb Team Championship and Gold in the Mallakhamb Individual Apparatus Championship at LNCT University, All India University Nationals, Bhopal.

**Dr. Megha Trivedi,  
Head of Department  
Computer Engineering**



## DEPARTMENT OF INFORMATION TECHNOLOGY



It gives me immense pleasure and honor to present the annual report of the Department of Information Technology for the academic year 2024-25.

The Department of Information Technology has been accredited by NBA for three years. The department is always striving to contribute the best for students. The various activities and achievements of Information Technology department are as summarized below:

### Faculty Achievements:

1. Ms. Vaishali Shirsath published a patent titled 'Rényi Entropy-based slow-rate TCAM exhaustion attack detection in SDN with Programmable Switches' in the year 2024.
2. Mr. Suresh Rajpurohit published a patent titled 'Aqua Drone to Collect Floating Waste from Water Reservoir'.
3. Mr. Suresh Rajpurohit, Ms. Vaishali Shirsath, and Ms. Pragati Patil published a patent titled 'A system for predicting the progression of chronic kidney disease (CKD)'.
4. Mr. Suresh Rajpurohit, Ms. Vaishali Shirsath, Dr. Thaksen Parvat, Dr. Madhavi Waghmare, Ms. Pragati Patil, Ms. Jessica Falcao, and Ms. Snehal Mhatre published a patent titled 'A Deep learning-based system for identifying currency notes for visually impaired individuals and its method thereof'.
5. Mr. Suresh Rajpurohit, Ms. Vaishali Shirsath, Dr. Thaksen Parvat, Dr. Madhavi Waghmare, Ms. Pragati Patil, Ms. Jessica Falcao, Ms. Snehal Mhatre and Mrs. Anagha Patil published a design patent titled 'Smart

fragrance dispenser for Washrooms.

6. Dr. Archana Ekbote registered a copyright titled "Noteshare: For the community, by the community".
7. Mrs. Anagha Patil registered copyrights titled:
  - a. Revolutionizing shrimp farming with IoT based monitoring and control
  - b. Air and Water quality analysis using IoT and ML.
8. Mrs. Anagha Patil along with students: Sangini Shetty, Shridhar Pillai, Kunal Patil and Shreya Kathe, registered a copyright titled "RoundGen: Sports Event Scheduler using Genetic and Round Robin Algorithm".

### Paper Publications/Conference attended:

1. Dr. Madhavi Waghmare published papers titled:
  - Cloud-based Solutions for Over/Under Voltage Protection Device in Smart Cities (OVPD).
  - Enhancing Driver Safety: Real-Time Distraction and Drowsiness Detection Using Deep Learning.
2. Ms. Vaishali Shirsath published a paper titled 'Beyond the Basics: An In-Depth Analysis and Multidimensional Survey of Programmable Switch in Software-Defined Networking' in the year 2024.
3. Mrs. Anagha Patil published papers titled:
  - a. CNI-VIF: Enhanced Feature Selection for Graph Databases by Integrating Composite Node Information in VIF.
  - b. Integrating Graph-Based Features with CNI-VIF for Enhanced Botnet Detection in Network Traffic.
  - c. RoundGen: Sports Event Scheduler Using Genetic and Round Robin Algorithm.
4. Mr. Suresh Rajpurohit published a paper titled 'Exploration of OpenCV for Hand Gesture



Recognition Techniques - A Review' in the year 2025.

#### Book Publications:

1. Dr. Thaksen Parvat, along with Ramkrishanna Manchana, Vaibhav Gandhi, and UL Kulkarni, published book titled 'Cyber Security, Securing the future' for Scientific International Publishers (SIPH) in the year 2024.

#### NPTEL Courses

1. Ms. Jessica Falcao completed NPTEL course on "Python for Data Science" Jan-April 2025 and was announced topper for the course..

#### Activities/Webinar/Workshop/Events conducted by the department (Between 01/07/2023 - 30/06/2024):

1. Workshop on Implementing IoE Projects: Bridging Ideas and Reality by Ms. Shaista Khan, and Ms. Trupti Shah, Assistant Professor., VCET, Vasai(w) on 19th July and 20th August 2024.
2. Seminar on "Future of AI with Yotta Shakti Cloud" on 5th September 2024.
3. Guest Lecture on "SCRUM Master : Roles and Responsibilities" on 25th September 2024.
4. Industrial Visit to Varvali Systems Pvt. Ltd. was conducted on 28th September 2024 for the students of TE and BE IT.
5. Industrial Visit to Vignesh Inc., Kandivali on 24th January 2025 for the students of SE IT.
6. Seminar on "Kubernetes: Installation and Configuration" on 23rd January 2025 by Ms. Mrunmai Gawade, Associate DevOps Engineer, Citiuscloud.
7. Expert Lecture on "Flask Framework" on 14th February 2025 by Mr. Suresh Singh Rajpurohit, IT Department.
8. Workshop on "Smart Wireless Innovations: From Theory to Hands-on Experience" on 20th March 2025 by Ms. Trupti Shah, Assistant Professor, VCET.
9. Expert Lecture on "AWS and Networking" on 7th April 2025 by Mr. Rishikesh Pandey, certified Ethical Hacker, Microsoft Certified Professional, Centre head Jetking.

#### Alumni Interaction:

1. Seminar on "Drawing up a strategy – Zeus Learning Pvt. Ltd" on 18th September 2024 by Mr. Aditya Manze, Key Accounts Manager, Zomato, Mumbai.
2. Seminar on "Career Guidance and Higher Studies" on 19th September 2024 by Mr. Suraj Mahto, Software Developer, Arcon and Mr. Vishal Gupta.
3. Seminar on "Drawing up a Strategy – Bristlecone" on 21st September 2024 by Mr. Shobhit Singh, Mr. Tanmay Arsania, Mr. Vatsal Shah, Ms. Shravani Gavali and Ms. Shreya Parchurkar.
4. Seminar on "Drawing up a strategy – Bristlecone Pvt. Ltd" for Group Discussion on 22nd September 2024 by Mr. Swapnil Karver, Director, S.S. Die Works.
5. Guest Lecture "SQL Workshop" on 24th September 2024 by Mr. Prathamesh Sawant, Associate Data Engineer, GO Digital Technology.
6. Seminar on "Drawing up a strategy – Arcon" on 16th October 2024 by Mr. Abhishek Jani and Mr. Suraj Mahto, Software Developer, Arcon.
7. Seminar on "Project Development: Designing Architecture" on 19th October 2024 by Mr. Tarun Singh, Software Developer, Raw Engineering.
8. Seminar on "Expanding Horizons" on 16th January 2025 by Ms. Kinjal Patel, Associate Software Engineer, Protegrity, Mr. Buddhogosh Shirasath and Mr. Punit Prajapati, Senior System Engineer, Infosys.
9. Seminar on "Assemblage Thinking" on 31st January 2025 by Mr. Omkar Jadhav, ITM Institute.
10. Expert Lecture on "Ethical Hacking and Forensics" on 8th April by Mr. Prathamesh Karambe, Lead Security Consultant, Aujas Cybersecurity.

#### Committees under the particular department :

- Hackathon Committee
- C3 Club- Core Coding Club



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- Elixir Committee
- I-Tech Magazine & Newsletter Committee

### Student's Achievements:

#### Result for Academic Year 2023-2024

##### SE Toppers

Rank	Name	Pointer
1	Sahil Shah	9.17
2	Yash Doke	8.96
3	Durvish Roge	8.78

##### TE Toppers

Rank	Name	Pointer
1	Meet Dodiya	9.32
2	Akash Maurya	9.23
3	Seema Gupta	8.91

##### BE Toppers

Rank	Name	Pointer
1	Vatsal Shah	9.13
2	Kedar Malap	9.05
3	Abhishek Jani	9

##### Campus Placements:

Company Name	Total No of Students Placed
Arcon	5
Bristlecone	5
CitiusCloud	3
Contentstack	2
Bristlecone	10
DeltaX	3
Dextra Labs	2

Feedspot	2
Infosys	2
Systech Technocraft	1
TCS	1
Zeus Learning	2
DotSyndicate	1
Total	31*

Placements are still undergoing for the remaining students of BE IT. Students did internships in companies.

##### Students Other Achievements:

1. Ms. Sakshi Navale, Mr. Kunal Patil and Ms. Priyanka Gaikwad Winner at Green Tech-X competition at Annasaheb Vartak College.
2. Ms. Sakshi Navale, Mr. Kunal Patil and Ms. Priyanka Gaikwad won 3rd Prize at Swachhta Technology competition organized by VVMC.
3. Mr. Omkar Lad and Team Winner at Swachhta Technology competition organized by VVMC.
4. Mr. Sahil Shah and Team won 3rd Prize at VCET Hackathon 2024.
5. Mr. Sahil Shah and Team winner at FACEOFF 12.
6. Mr. Varun Kuwar and Team Winner at Zephyr 5+1 Tug of War Competition.
7. Mr. Kuldeep Kolage and team Winner at Exuberance 2025.
8. Mr. Shreyas Pathe Winner in Badminton at Ayodhyam -Shri Ram College.
9. Mr. Kishore Mandane and team Runner up at 18th National Level Sports Meet "Summit 2025", Pune.
10. Mr. Kuldeep Kolage and team Runner Up at Colosseum'24. Convengo 2025, Parivartan InterCollegiate Fest 2025 and Avega 2025.

**Dr. Thaksen Parvat,**  
**Head of Department**  
**Information Technology**



## DEPARTMENT OF CIVIL ENGINEERING



It gives me immense pleasure and honor to present the Annual Report of the Department of Civil Engineering for the academic year 2024–25.

Committed to upholding and advancing the legacy of Civil Engineering, the department has strived diligently throughout the year to ensure that students acquire not only strong technical knowledge but also holistic development. The key activities and achievements of the department over the past year are summarized below:

### Faculty Achievements:

1. Ms. Puja Kadam received Silver Medal certification for the NPTEL FDP Course on “Designing Learner-Centric E-Learning in STEM Disciplines”
2. Mr. Jaydeep B. Chougale received Silver Medal certification for the NPTEL course on “Accreditation and outcome based Learning”
3. Dr. Ajay Radke and Ms. Puja Kadam published a book titled “Engineering Mechanics” with TechKnowledge Publications.
4. Mr. Jaydeep B. Chougale published a book titled “GeoLink Pro (Bridging Field Precision with Digital Intelligence)” in Lambert Academic Publishing.
5. Mr. Jaydeep B. Chougale completed his Ph.D in Civil Engineering from Sardar Patel College of Engineering, Andheri.
6. Dr. Viren Chandanshive was appreciated for his guidance on the B.E. project from the Irrigation Department, Government of Maharashtra.
7. Dr. Archanaa Dongre was awarded the Excellence in Teaching award by VJTI,

Matunga.

8. Dr. Archanaa Dongre was felicitated for her research contribution at VJTI, Matunga.

### Paper Publications:

1. Choudhary, L., Sahu, V. & **Dongre, A.** (2024) “Mechanical, Microstructural and Leachability Characteristics of Ternary Geopolymer Mortar: A step towards carbon neutral materials”, *Environment Development and Sustainability*. Doi: (Manuscript ID: ENVI-D-23-01923) [SCIE IF: 4.7, SCOPUS, UGC CARE]
2. Choudhary, L., Sahu, V. & **Dongre, A.** (2024) “High Strength Sustainable Ternary Geopolymer Concrete: Mechanical attributes”, *Indian Concrete Journal*. (Manuscript ID: ICJ-2707) [SCOPUS]
3. Lokesh Choudhary, Vaishali Sahu, **Archanaa Dongre**, Amit Garg, “Prediction of compressive strength of sustainable concrete using machine learning tools”, Aug 24, SCI journal, “Computers and Concrete, An International Journal.” [SCIE IF: 4.1, Q1, SCOPUS, UGC CARE]
4. Sushant Kumar Jha, Abhay Bambole, Dhanashri Jadhav, **Archanaa Dongre**, Dular Goldar, “Optimum and Efficient Design of Steel Foot over bridges” Journal of research in engineering structures and materials (2024) [SCOPUS, UGC CARE}
- 5.

### Patents & Copyright:

#### Dr. Archanaa Dongre- Patents Granted

1. Apparatus for Determining Axial and Lateral Load Performance of Reinforced Earth-Filled Wall-Panels. Design Number 428947-001
2. Apparatus for testing the structural behavior of a soil-filled slab. Application Number - 428949-001



### Mr. Jaydeep Chougale - Patents Granted

- Vastu Based Field Compass. Design Number 420871-001.

### Mr. Arbaz Kazi & Mr. Vikrant Kothari - Copyright Published

- Mapping of Building Amenities and Valuation using QGIS.

### Conference Details:

Sr. No.	Name of the Faculty	Title/Topic	Name of the Conference
1	Ms.Puja Kadam	Optimizing the Energy Efficiency of a Residential Building using 3D Modelling	International Conference on Environmental Science and Technology
2	Mr. Jaydeep B. Chougale	The comparison between the warren and N-type Truss for footover bridge	International Conference organized by RSP conference hub Coimbatore, Tamil Nadu, India (25th and 26th Oct 2024)
3	Mr. Jaydeep B. Chougale	Comparative design of different trusses	National Conference, Organized by JCON, Kuram, Pune (2nd and 3rd March 2025)

4	Dr. Viren Chandanshive	Analysis and Design of Twin Towers – Advances, Challenges, and Future Directions: A Systematic Review	International Conference on Advances in Composites and Materials organized by Government Polytechnic Bramhapuri Maharashtra, India. Journal of Physics: Conference Series [Scopus Indexed (Elsevier)] Status
5	Dr Archanaa Dongre	Stress Flow in Railway Pier Based on Tilt Behaviour	National Conference of Futuristic Structural Engineering, PHD House, New Delhi, 8-10 Nov 24



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6	Dr Archanaa Dongre and Dr Ajay Radke	Design of Multi-Storey Code Exceeding Building Through Performance-Based Seismic Design”, National Conference of Futuristic Structural Engineering, PHD House, New Delhi, 8-10 Nov 24	National Conference of Futuristic Structural Engineering, PHD House, New Delhi, 8-10 Nov 24	8	Dr Ajay Radke and Dr Archanaa Dongre	Vertical Extension & Retrofitting of the Existing Reinforced Concrete Structure, National Conference of Futuristic Structural Engineering	National Conference of Futuristic Structural Engineering, PHD House, New Delhi, 8-10 Nov 24
7	Dr Ajay Radke and Dr Archanaa Dongre	Seismic Response of the Combination of Various Slab Systems with Lateral Load Resisting Systems	National Conference of Futuristic Structural Engineering, PHD House, New Delhi, 8-10 Nov 24	9	Dr Ajay Radke and Dr Archanaa Dongre	Seismic and wind load mitigation in urban Florida: The efficacy of concrete shear walls vs. Steel bracing systems	International Conference on Technological Innovations in Multidisciplinary Engineering and Sciences, 7th Sept 2024 also Published as a for Book Chapter Springer Scopus



### NPTEL Courses and FDPs

1. Ms. Puja Kadam completed NPTEL FDP course on “Designing Learner-Centric E-Learning in STEM Disciplines”
2. Mr. Jaydeep B. Chougale completed an eight week NPTEL course on “Accreditation and outcome based Learning”.

### FDP/STTP/Workshops Attended

Sr. No.	Name of the Faculty	FDP/STTP/Workshop Attended
1	Ms. Puja Kadam	AICTE Course on “Affordable Housing in Disaster Prone Areas”
2	Ms. Puja Kadam	ISTE FDP on “Structural Resilience of High-Rise Buildings and Bridge”
3	Ms. Puja Kadam	ATAL FDP on “The Role of Artificial Intelligence in Sustainable Waste Management.”
4	Ms. Puja Kadam	ATAL FDP on “AI Solutions for Water Management in Smart Cities”
5	Ms. Puja Kadam	ISTE FDP on “Recent Trends in Sustainable Construction Practices in Civil Engineering”

6	Ms. Puja Kadam	FDP on “Construction safety” by Karmaveer Adv.Baburao Ganpatrao Thakare College of Engineering, Pune
7	Ms. Puja Kadam	ISTE FDP on “Geotechnical Engineering Aspects of Infrastructure Projects”
8	Ms. Puja Kadam	FDP on “Role of Artificial Intelligence and Automation in Civil Engineering” organized by D.Y. Patil Institute of Technology in association with ASCE
9	Ms. Puja Kadam	ATAL FDP on “Green Technology and Sustainability ” at Thakur College Of Engineering & Technology



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10	Ms. Puja Kadam	National level Workshop on “Introduction to Optimization in Engineering through AI Tools and Techniques”	14	Ms. Puja Kadam	Workshop of GCFCs and Master Trainers of Green Club
11	Ms. Puja Kadam	NPTEL FDP on “Designing Learner-Centric E-Learning in STEM Disciplines”	15	Mr. Prakash Panda	ISTE FDP on “Geotechnical Engineering Aspects of Infrastructures Projects”
12	Ms. Puja Kadam	Training Programme on “Greywater management in Rural Areas” by the school of water and waste, centre of Science and Environment (CSE), New Delhi	16	Mr. Prakash Panda	STE FDP on “Structural Resilience of High-Rise Buildings and Bridge”
13	Ms. Puja Kadam	Training Programme on “Environment data, maps and GIS for communication in 21st century” organized by the school of Environmental Communications, Centre of Science and Environment, India	17	Ms. Aishwarya Jithish	ISTE FDP on “Geotechnical Engineering Aspects of Infrastructures Projects”
			18	Ms. Aishwarya Jithish	ISTE FDP on “Structural Resilience of High-Rise Buildings and Bridge”
			19	Ms. Aishwarya Jithish	ISTE FDP on “Recent Trends in Sustainable Construction Practices in Civil Engineering”
			20	Ms Aishwarya Jithish	One day workshop on “Tall Buildings” at IIT-B



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21	Ms. Aishwarya Jithish	FDP on “ Sustainable Infrastructure Development”			
22	Mr. Vikrant Kothari	ISTE FDP on “Structural Resilience of High-Rise Buildings and Bridge”			
23	Mr. Vikrant Kothari	ISTE FDP on “Geotechnical Engineering Aspects of Infrastructure Projects”			
24	Mr. Vikrant Kothari	ATAL FDP on “Green Technology and Sustainability ” at Thakur College Of Engineering & Technology			
25	Mr. Vikrant Kothari	ISTE FDP on “Recent Trends in Sustainable Construction Practices in Civil Engineering”			
26	Mr. Jaydeep B. Chougale	Completed ATAL FDP on Artificial intelligence for Science and Engineering organized by NIT Nagaland	26	Mr. Jaydeep B. Chougale	Completed ATAL FDP on “The Role of Artificial Intelligence in Sustainable Waste Management” organized by Fr. Conceicao Rodrigues College Of Engineering.
			27	Mr. Jaydeep B. Chougale	Completed STTP on “NEP-2020: Orientation & Sensitization” organized by UGC-MMTTC, JNV University, Jodhpur.
			28	Mr. Jaydeep B. Chougale	ISTE FDP on “Geotechnical Engineering Aspects of Infrastructures Projects”
			29	Mr. Jaydeep B. Chougale	ISTE FDP on “Structural Resilience of High-Rise Buildings and Bridge”
			30	Dr. Viren Chandanshive	ATAL FDP on “Green Technology and Sustainability” organized by Thakur College of Engineering & Technology, Mumbai, Maharashtra.



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31	Dr. Viren Chandanshive	ATAL FDP on “Disaster Risk Reduction through Sustainable Infrastructure” organized by Ramachandra College of Engineering, Eluru-534007, Andhra Pradesh	35	Dr. Viren Chandanshive	STTP on “Recent advances in Civil and Environmental Engineering” organized by NIT, Delhi in collaboration with Dr B. R. Ambedkar National Institute of Technology, Jalandhar.
33	Dr. Viren Chandashive	ATAL FDP on “Artificial intelligence for Science and Engineering”organized by National Institute of Technology Nagaland	36	Dr. Viren Chandanshive	STTP on “Research Trends & Future Scope in Civil Engineering” organized by NIT, Jamshedpur
33	Dr. Viren Chandanshive	ATAL FDP on “Innovative Approaches to Disaster Management and Resilient Infrastructure”organized by ATME College of Engineering, Mysore, Karnataka	37	Mr. Arbaz Kazi	STTP cum FDP on "Structural Resilience of High rise Buildings and Bridges"
34	Dr. Viren Chandanshive	Workshop on”Field Oriented Challenges in Civil Engineering FOCCE-2024”organized by NIT, Jamshedpur	38	Mr. Arbaz Kazi	ISTE FDP on “Geotechnical Engineering Aspects of Infrastructures Projects”
			39	Dr Archanaa Dongre	Inculcating Universal human values in Technical education
			40	Dr Archanaa Dongre	Course on “Sustainability in the Built Environment”
			41	Dr Archanaa Dongre	10th Edition of IGBC Green League (IGL) 202



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42	Dr Archanaa Dongre	ISTE FDP on "Geotechnical Engineering Aspects of Infrastructures Projects"
43	Dr Archanaa Dongre	ISTE FDP Pioneering Advances in Civil Engineering (PACE-24)
44	Dr Archanaa Dongre	ISTE FDP on "Recent Trends in Sustainable Construction Practices in Civil Engineering"
45	Dr Archanaa Dongre	Emerging Tools and Techniques for Environmental Risk Assessment sponsored by the Ministry of Electronics and Information Technology (Meity), GOI

#### Interaction with outside Guest Speaker:

Mr. Jaydeep B. Chougale was invited as Resource person for FDP organized by Jaihind College of Engineering, Kuran Pune and delivered a lecture on 17th April 2024.

Mr. Jaydeep B. Chougale was invited as Resource person for Guest Lecture organized by S.G.Balkundri College of Engineering, Belgaon, Karnataka and delivered a lecture on 15th April 2024.

#### Activities/Webinar/Workshop/Events conducted by the department:

1. ISTE approved STTP cum FDP on "Structural Resilience of High rise Buildings and Bridges" held

between 23rd Dec 2024 to 30th Dec 2024 was organized by Civil Engineering Department of Vidyavardhinis College of Engineering Technology, Vasai. The coordinators of the STTP were Dr. Archanaa Dongre and Mr. Nikhil Gavad.

2. ISTE approved STTP on "Geotechnical engineering aspects in Infrastructure projects " conducted from 2nd Jan 2025 to 07th Jan 2025. The coordinators of the STTP were Mr. Arbaz Kazi and Ms. Aishwarya Anil.

3. Ms. Puja Kadam organized an Expert session on "Plastics 2.0 and Careers in Sustainability and Environment" by Mr. Manojkumar Mishra on 10th October 2024.

4. Ms. Puja Kadam organized an Expert session on "Impact of Plastic Waste on Environment" by Mr. Lisbon Ferrao on 09th October 2024.

5. Expert session on "Fundamentals of Hydraulics and Hydraulic Machineries in Civil Engineering" by Dr. G.A Hinge, Principal TSSM'S BSCOER, Pune.

6. Mr. Jaydeep B. Chougale organized Seminar organized on " Drug Control and Prevention" for all VCET Students by Smt. Pournima Chougule-Shringi, DCP Zone-II, Vasai. On 9th April 2025.

7. Mr. Jaydeep B. Chougale organized expert session on "Quality control at ready mix concrete by Mr. Sanjeev Raje, Vice President, Navdeep Construction on 8th April 2025.

8. Dr. Viren Chandanshive organized expert session on " Application of IIT PAVE software in Transportation Engineering" conducted by Prof. Ashwini Shanbhag, TCET, Mumbai.

#### Site Visits organized by the department:

1. Ms. Puja Kadam organized a site visit to the Wastewater Treatment facility at Gokul Township, Virar on 8th August 2024.

2. Ms. Puja Kadam and Dr. Archanaa Dongre organized a visit to IFAT Exhibition on water, sewage, solid waste and recycling and Exhibition on World of Concrete at Bombay Exhibition Centre on 28th March 2025.

3. Mr. Jaydeep B. Chougale and Mr. Prakash Panda organized a site visit for SE Civil Students to



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understand various building materials, operation of ready-mix concrete at a construction site near VCET, Vasai on 30th January 2025.

#### **Alumni Interaction:**

1. Ms.Ruchita Nar– Session on Career in Building Materials and Construction Chemicals 8th August 2024
2. Ms. Riya Raut- Session on How to prepare for MS and career opportunities in environmental engineering
3. Mr. Prathmesh Nachnekar delivered an expert lecture on “Application of Project Management in Civil and Infrastructure Project”
4. Mr. Alston Cerejo conducted an expert session on “Preparation of Higher studies and GATE Examination”
5. Mr. Hardik Vora delivered an expert session on “Entrepreneurship Skill Development”

#### **Students' Achievements:**

#### **Result for Academic Year 2024-2025:**

#### **Sem III Toppers**

Rank	Name	Pointer
1	Salvi Harsh	8.33
2	Reddy Sudarshan	8.24
3	Patil Harsh	8.09

#### **Sem V Toppers**

Rank	Name	Pointer
1	Mohite Meghana	9.46
2	Shelar Pranay	8.75
3	Gharat Supreet	8.58

#### **Sem VII Toppers**

Rank	Name	Pointer
1	Jagtap Apurva	9.4
2	Pratham Solanki	9.25
3	Gosavi Sai	8.65

#### **Campus Placements:**

Name of the Placed Student	Company Name
Pratham Solanki	Mahindra Lifespaces
Sakshi Shelar	Mahindra Lifespaces
Krutesh Arekar	ICICI Home Finance
Krutika Chavan	ICICI Home Finance
Apurva Jagtap	Dr.Kelkar Design Pvt. Ltd.
Jatin Vatare	K.C. Shah Consultant
Yajurved Vaidya	Liases Foras
Tejas Shevale	Mahendra Kumar Rane Consultant

#### **Students Other Achievements:**

1. Mahima Gurnani received 1st prize in Elocution competition “Raise the voice” organized by NSS, VCET .
2. Pratham Solanki qualified GATE exam 2025 for Civil Engineering course
3. Meghana Mohite and Ranjana Maurya received participation certificate for NPTEL Online course on “ Mechanics of Solids”
4. Meghana Mohite and Ranjana Maurya received participation certificate for attending One week ISTE-ISSE approved STTP on “Geotechnical Engineering Aspects of Infrastructure Projects” organized by Civil Engineering department of VCET, Vasai.

**Dr. Ajay S. Radke**  
**Head of Department**  
**Civil Engineering**



## DEPARTMENT OF FIRST YEAR ENGINEERING



It is my honor to present the Annual Report of First Year Engineering for the academic year 2024–25.

First Year Engineering is committed to fostering a strong academic foundation that serves as the cornerstone for students across all branches of engineering. Through the guidance, support, and dedicated efforts of the faculty members, our students are empowered to successfully navigate their four-year academic journey and emerge as confident, competent professionals ready to scale new heights of success.

The following section provides a comprehensive overview of the key activities and accomplishments of First Year Engineering:

### Paper Publications / Conferences Attended:

1. Dr. Suraj Vishwakarma published a research article titled “Annealing effects on 100 keV silicon negative-ions implanted SiO<sub>2</sub> thin films” in a Taylor & Francis, Scopus-Indexed Journal titled Radiation Effects and Defects in Solids, vol. 180, no. 5–6, Sept. 2024, pp. 769–776,  
<https://doi.org/10.1080/10420150.2024.2397140>.

1. Dr. Aashi Baynes Cynth R. B. published a research paper titled “Exploring Ecofeminism: A Deep Dive into Sentimentality in Barbara Kingsolver’s Animal Dreams” in an Elsevier, Scopus-Indexed BPAS Journal titled Library Progress International, vol. 45, no. 1, Jan. 2025, pp.114–118,  
<https://doi.org/10.48165/bapas.2024.44.2.1>.

### NPTEL Courses Completed:

Sr. No.	Accreditation and Outcome Based Learning (Aug–Oct. 2024)
1	Ms. Kamini More
2	Ms. Tanya D’souza
3	Ms. Gloria Collaco
4	Dr. Aashi Baynes Cynth R. B.
5	Ms. Bijal Gala

1. Dr. Rhushirajeshwari Naik completed a 4-week NPTEL certification course on “Water, Society and Sustainability” from Aug–Sept. 2024.
2. Ms. Bijal Gala completed an 8-week NPTEL certification course on “Descriptive Statistics using R” from Aug–Oct 2024.
3. Ms. Tarannum Khan completed a 12-week NPTEL certification course on “Sustainable Transportation System” from Jul–Oct 2024.
4. Ms. Jenisa D’silva and Ms. Bijal Gala completed a 4-week NPTEL certification course on “Outcome Based Pedagogic Principles for Effective Teaching” from Feb–March 2025.
5. Mr. Vikas Bhagat completed a 12-week NPTEL certification course on “Machine Learning Using Python Programming” from Jan–April 2025.
6. Ms. Tarannum Khan completed a 12-week NPTEL certification course on “NBA Accreditation and Teaching and learning in



Engineering (NATE)" from Jan–April 2025.

**Other Courses Completed:**

**1) Dr. Suraj Vishwakarma:**

- i) An 8-week online certification course on "Sensor technologies, Physics, Fabrications and Circuits" from Jul–Sept. 2024.

**2) Ms. Ankita Mane:**

- i) An 8-week online certification course on "Discrete Optimization" organized by The University of Melbourne and offered through Coursera on 6 Nov. 2024.
- ii) A 4-week online certification course on "Trees and Graphs: Basics" organized by The University of Colorado Boulder and offered through Coursera on 9 Nov. 2024.

**3) Ms. Tanya D'souza:**

- i) A one-week online National Short-Term certification course on "The Evolving Voice Industry and Podcasting" organized by Gokul Global University, Gujarat, in collaboration with NLD from 22–28 May 2025.
- ii) A one-week online National Short-Term certification course on "Content and Language Integrated Learning (CLIL): A Methodology of Bilingual Teaching" organized by IIMT University, Meerut, in collaboration with NLD from 22–28 May 2025.

**4) Mr. Vikas Bhagat**

- i) A course on "Research and Publication Ethics" organized by the Department of Geography, University of Mumbai, from 17–29th March 2025.

**5) Ms. Bijal Gala**

- i) A course on "Introduction to R Software" organized by Data Camp on 7th June 2024.

**FDPs / STTPs Attended:**

Sr. No.	Universal Human Values (Face-to-Face, 31 Aug–2 Sept. 2024)
1	Ms. Chandrakishori Sonarkar
2	Ms. Beauty Ansari
3	Dr. Suraj Vishwakarma
4	Ms. Vaishnavi Gurav
5	Ms. Praiza Gonsalves
6	Mr. Ganesh Tilave
7	Ms. Bijal Gala
8	Ms. Kamini More
9	Ms. Gloria Collaco
10	Dr. Aashi Baynes Cynth R. B.
11	Ms. Prachee Shah
12	Ms. Tarranum Khan

Sr. No.	Statistics for Industrial Data Analysis (13–18 Jan. 2025)
1	Mr. Mayur Gohil
2	Mr. Ganesh Tilave
3	Ms. Deepika Panchal
4	Ms. Anahita Pereira
5	Ms. Bijal Gala



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Sr. No.	Innovative Ways of CO-PO Attainment: Newer Trends (16–20 June 2025)
1	Ms. Chandrakishori Sonarkar
2	Ms. Beauty Ansari
3	Dr. Rhushirajeshwari Naik
4	Ms. Dipa Patel
5	Ms. Vaishnavi Gurav
6	Ms. Praiza Gonsalves
7	Mr. Mayur Gohil
8	Mr. Ganesh Tilave
9	Ms. Deepika Panchal
10	Ms. Anahita Pereira
11	Ms. Kamini More
12	Ms. Tanya D'souza
13	Ms. Gloria Collaco
14	Dr. Aashi Baynes Cynth R. B.
15	Ms. Jenisa D'silva

1. Ms. Chandrakishori Sonarkar, Ms. Beauty Ansari, Dr. Rhushirajeshwari Naik, and Ms. Dipa Patel attended a 3-day online FDP on “Computational Chemistry” from 9–11 Jan. 2025.
2. Ms. Chandrakishori Sonarkar and Dr. Rhushirajeshwari Naik attended a one-week online FDP “Energy and Environmental Engineering” organised by Sanjeevan Group of Institutes, Pune, from 3–5th Feb. 2025.

3. Ms. Beauty Ansari and Dr. Rhushirajeshwari Naik attended a one-week online FDP on “STEM” organised by the Applied Science Department, NITTTR, Chandigarh, from 9–13th Sept 2024.

4. Dr. Suraj Vishwakarma, Dr. Pradip Gulbhere, and Dr. Aashi Baynes Cynth R. B. attended a one-week online FDP on “Inculcating Universal Human Values in Technical Education” organised by AICTE from 26–30 Aug 2024.

5. Ms. Ankita Mane and Ms. Praiza Gonsalves attended a one-week FDP on “Engineering Optimization with MATLAB” organised by NITTTR Chandigarh from 21–25th Oct. 2024.

6. Dr. Pradip Gulbhere, Ms. Kamini More, Ms. Tanya D'souza, and Ms. Gloria Collaco attended a 2-Day Online National Level FDP on “Empowering Educators: Strategies for Multicultural Communication and Modern Teaching” organised by Woxsen University, Hyderabad, from 25–26th July 2024.

7. Dr. Aashi Baynes Cynth R. B. and Ms. Tanya D'souza attended a one-week online national level FDP on “Understanding the Basics of Qualitative Research in Social Sciences” organised by Faridabad School of Media Studies and Humanities in collaboration with NLD from 30 Dec. 2024 to 4 Jan. 2025.

### 1) Ms. Chandrakishori Sonarkar:

- i) A 6-day online FDP on “Role of Nanotechnology in Sustainable Development” organised by Gharda Institute of Technology, Ratnagiri, from 18–22nd Oct. 2024.
- ii) A one-week online FDP on “Science & Technology Development- Academic Growth” organised by K. S. R. College from 2–4 Dec 2024.
- iii) A one-week online FDP on “Recent advances in nanotechnology and its application” organised by B. S. I. College from 1–5th Jan 2025.

**2) Ms. Beauty Ansari:**

i) A one-week online FDP on “STEM” organised by the Applied Science Department, NITTTR, Chandigarh, from 9–13th Sept. 2024.

**3) Mr. Dipa Patel:**

i) A one-week online FDP on “Green chemistry, sustainable agriculture and advances in food processing systems” from 17–22nd Feb. 2025.

**4) Ms. Ankita Mane:**

i) A one-week online FDP on “Advanced Tools and Techniques for Research Methodology, RFA and BPIT” from 1–12th Oct. 2024.

**5) Ms. Mayur Gohil:**

i) A Workshop on “Traditional Knowledge–Intellectual Property and People’s Rights” organized by IKS-TKDL from 10–26 Dec. 2024.

**6) Ms. Anahita Pereira:**

i) A 3-day virtual workshop on “Theoretical, Algorithmic, and Spectral Approaches in Graph Theory (TAS-GT) 2025” organized by IIT Dhanbad from 9–11th May 2025.  
ii) A national level online workshop on “Vedic Mathematics: Unlocking the power of Ancient Maths” organized by Central University Kashmir on 29th May 2025.

**7) Ms. Bijal Gala:**

i) A 5-days online FDP on “Machine Learning & Internet of Things and SAP & ABAP” organized by SAP India & EduNet Foundation from 18– 24 June 2024.  
ii) A 20-hours STTP on “Data Analysis using EXCEL” organized by Indian Institute of Academic & Research Advancement, MSME from 21–30 Nov 2024.

**8) Dr. Pradip Gulbile:**

i) A webinar on “Revitalizing Education through the Indian Knowledge System: A Path to Holistic Learning” organized by The Bhopal School of Social Sciences on 11th Nov 2024.

**9) Ms. Kamini More:**

i) A one-week FDP on “Indian Knowledge System: Science and Technology” organized by Applied Science Department, NITTTR, Chandigarh from 3–7 Feb 2025.

**10) Ms. Tanya D’souza:**

i) An international author workshop on “Selecting & Submitting to the Right Journal (India)” organized by Cambridge University Press on 18th June 2025.

**11) Dr. Aashi Baynes Cynth R. B.:**

i) A 5-day FDP on Staff Induction Programme organized by the Faculty Development Centre, KES Shroff College of Arts and Commerce, Kandivali, from 15–20 July 2024.  
ii) A one-week international FDP on “Research Article Writing, Editing Techniques, Research Methodology and Impact Publications (Multidisciplinary)” organized by Swami Devi Dyal Law College, Haryana, from 25 to 31st July 2024.

**12) Ms. Jenisa D’silva:**

i) A one-week FDP on “Wisdom in words: Exploring the Importance of Oral Narratives in the Indian Knowledge System” organized by Gokul Global University from 4 to 13th Dec 2024.  
ii) A one-week national level FDP on “Understanding Sustainable Development Goals in the light of IKS” organized by ARKA Jain University, Jharkhand, in collaboration with NLD from 31st March to 5th April 2025.



**13) Ms. Tarranum Khan:**

- i) A 6-day online ISTE STTP on “Recent Trends in Sustainable Construction Practices in Civil Engineering” organized by Shivajirao S. Jondhale College, Mumbai, from 18–13 July 2024.
- ii) Delivered an expert lecture for FE Civil students in Government Polytechnic, Mumbai, on 23 Nov. 2024.
- iii) A one-week STTP on “Geotechnical Engineering aspects of Infrastructure Projects” organized by VCET from 2 to 7th Jan 2025.
- iv) A national online Innovation Conference organized by Turnip Innovation & Qualcomm Inc. on 25 Jan 2025.
- v) A 5-day FDP on “Management Software in Civil Engineering” organized by PRP College of Engineering & Technology from 11–17 Feb 2025.
- vi) A 5-days national workshop on “Functional Materials for Sustainability: Processing & Applications” organized by Jaypee University of Engg. & Tech (M.P.) from 12 to 16th May 2025.
- vii) A national level webinar on “Legislation- A tool to curb Plastic Waste Pollution” organized by A. P. Shah Institute of Technology on 6th June 2025.
- viii) A 6-days ATAL FDP on “Green Technology & Sustainability” organized by TCET from 15 to 20 June 2025.

2	Mr. Mayur Gohil
3	Mr. Ganesh Tilave
4	Ms. Deepika Panchal
5	Ms. Anahita Pereira
6	Ms. Bijal Gala

Sr. No.	Applied Mathematics (NEP: Sem II) (21 Jan 2025)
1	Ms. Praiza Gonsalves
2	Mr. Mayur Gohil
3	Mr. Ganesh Tilave
4	Ms. Deepika Panchal
5	Ms. Anahita Pereira
6	Ms. Bijal Gala

Sr. No.	Indian Knowledge System (NEP: Sem II) (22 Jan 2025)
1	Dr. Pradip Gulbhile
2	Ms. Kamini More
3	Ms. Tanya D'souza
4	Ms. Gloria Collaco
5	Dr. Aashi Baynes Cynth R. B.
6	Ms. Jenisa D'silva
7	Ms. Tarranum Khan

**Faculty Orientation Programmes Attended:**

Sr. No.	Applied Mathematics (NEP:Sem I) (30 July 2024)
1	Ms. Praiza Gonsalves



# ANANTAM

EXPRESSIONS BEYOND TIME,  
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1. Ms. Chandrakishori Sonarkar, Ms. Beauty Ansari, Dr. Rhushirajeshwari Naik, and Ms. Dipa Patel attended a Faculty Orientation Program on Applied Chemistry (NEP: Sem I) on 3rd Aug. 2025.
2. Ms. Chandrakishori Sonarkar, Ms. Beauty Ansari, Dr. Rhushirajeshwari Naik, and Ms. Dipa Patel attended a Faculty Orientation Program on Elective Chemistry (NEP: Sem II) on 9th Jan. 2025.
3. M. Kamini More, Ms. Tanya D'souza, and Ms. Gloria Collaco attended a Faculty Orientation Program on Professional Communication and Ethics (NEP: Sem I) on 31st July 2024.
4. Dr. Pradip Gulbhire attended a Faculty Orientation Program on Social Science and Community Services at Thadomal Sahani College on 1st February 2025.
5. Ms. Tarannum Khan attended a Faculty Orientation Program on Engineering Mechanics and Workshop-I as per NEP 2020 on 7th Aug 2024.
6. Ms. Tarannum Khan attended a Faculty Orientation Program on Engineering Graphics as per NEP 2020 on 15th Jan 2025.

#### **Student Achievements:**

#### **Oscillations 2025:**

Indian Knowledge System – Winners

Branch	Name	Position
<b>Sub-track 1: Language</b>		
FE CSEDS	Dipesh Karalkar, Rohit Khanolkar, Harsh Kamble	Winners
FE COMPS	Aditya Narkar	Runner Up
FE COMPS	Aaryan S. Yadav	Consolation

<b>Sub-track 2: Maths</b>		
FE COMPS/ CSEDS	Prapti Shah, Aayursha Raut, Rudra Raut, Om Kanjiya	Winners
FE CSEDS	Anik Chatterjee, Manish Bhati, Maitri Bhavsar, Rutuja Dawane	Runners Up
FE AI&DS	Soham Pansare, Muskan Pandey	Consolation
<b>Sub-track 3: Science</b>		
FE CSEDS	Shrusti Lohar, Madhura Lad, Niharika Mahajan, Malati Mahadik	Winners
FE COMPS	Ananya Madankar, Avadh Mehta, Prasham Mehta, Prathamesh Palekar	Runners Up
FE IT	Mihika Mhatre, Vidhi Pimple, Antra Morajkar, Sachi Kotian	Consolation

**Dr. Sunayana Jadhav**  
**First Year Engineering Coordinator**



## DEPARTMENT OF CSE (DS)



It gives me immense pleasure and honor to present the annual report of the Department of Computer Science & Engineering (Data Science) for the academic year 2024-25.

The department is always striving to provide the best opportunities for students. The various activities and achievements of the Department of Computer Science & Engineering (Data Science) are summarized below:

### Faculty Achievements:

1. Ms. Kranti Gule completed a Self-Financed Faculty Development Program on "Exploring IoT & 5G using AI, ML," organized by Ajeenkya DY Patil School of Engineering, conducted from 2nd September 2024 to 6th September 2024.
2. 3-day Face-to-Face FDP on "Inculcating Universal Human Values in Technical Education" organized by the All India Council for Technical Education (AICTE), conducted from 31st August to 2nd September, attended by Mrs. Chaitali Mhatre and Mr. Chinmay Vanjare
3. Expert Talk on "Deep Learning" by Mr. Ichhanshu Jaiswal, held at the Government Polytechnic Bandra.
4. NPTEL Topper: Mr. Ichhanshu Jaiswal topped the NPTEL exam on "Deep Learning" (Dec 2024).
- 3 faculty members presented their research papers at the 3rd International Conference on Science, Technology, Engineering & Mathematics for Sustainable Development (ICSTEMSD-2025) at Atharva College of Engineering.
6. Nine groups from BE students and five faculty

members presented technical papers in the IndiaCom IEEE conference.

7. Additionally, Mr. Yogesh Pingle Delivered sessions at STTP on 'Recent Advancements in Machine Learning' and on Innovation in AI & IoT: Enhancing Personal Well-Being through Music Therapy at G.H. Raisoni University, Nagpur.
8. 2 faculty members attended the ORACLE APEX Utsav in Pune.
9. Mr. Ichhanshu Jaiswal passed the NPTEL exam on "Data Analytics using Python" with 83%
10. The CSE (DS) department has organized a 6-day SDP program on "Awareness of AI Tools."

### Paper Publications/Conference Attended:

1. Statistical assessment of Indian classical music's role in diabetes, thyroid, and hypertension management in the International Journal of Information Technology, published on 10th October 2024 by Mr. Yogesh Prabhakar Pingle.
2. Mr. Ichhanshu Jaiswal presented a research paper on "Comparing Machine Learning Algorithms through EEG Analysis for Schizophrenia" at the IC3IA Springer Conference.
3. Mr. Yogesh Pingle's papers were accepted in top journals: one on Quantum GAN-Based Scheduling for Cloud Computing (Q1 Wiley) and another on Mood-Based Hindustani Raga Music Recommendation (Inderscience).

### NPTEL Courses:

1. Dr. Yogesh Pingle completed the NPTEL course German - I NPTEL Course with Silver Elite Certification.
2. Mr. Ichhanshu Jaiswal completed two NPTEL courses, "Deep Learning" and "Data Analytics using Python."
3. Ms. Janisa Pereira completed the NPTEL



course on Data Science for Engineers.

4. Ms. Krunali Vartak completed two NPTEL courses on Data Mining and Microprocessors and Interfacing.
5. Ms. Maya Varghese completed the NPTEL course on Data Science for Engineers.

**Activities/Webinar/Workshop/Events Conducted by the Department(Between 01/07/2024 - 30/06/2025):**

1. Organised a seminar titled “From Campus to Code – Navigating the Real World of Software Engineering” on February 4, 2025, conducted by Mr. Sudhanshu Jaiswal, a Software Engineer at Google, California.
2. Organised a seminar titled “Evolution and Use Cases of AI & ML in Industry” in March 2025, conducted by Mr. Nisarg Desai, Senior Consultant, in collaboration with the Placement and Training Cell.
3. Organised Product Vidya 2024 on September 27, 2024, by the student chapter of Computer Science and Engineering (Data Science), featuring a technology exhibition that showcased innovative products and facilitated industry-student interaction.
4. Organised Code-O-Fiesta 2024 on September 20, 2024, by the Departments of Artificial Intelligence & Data Science and Computer Science Engineering (Data Science) at Vidyavardhini’s College of Engineering & Technology, featuring domain-specific solution presentations and concluding with awards in Healthcare and Agriculture.
5. Organised a Placement Guidance seminar for final-year students by the department in collaboration with the Placement & Training Cell, conducted by Dr. Anindita Chatterjee, Professor and Research Director at Manav Rachna International Institute of Research and Studies.
6. Organised an industrial visit to Reliance Jio’s Corporate Park in Navi Mumbai on July 12, 2024, where 15 students, led by Mr. Ichhanshu Jaiswal, explored Jio’s innovations in 5G, rural

connectivity, satellite broadband, and emerging technologies across smart cities, agriculture, and healthcare.

7. Organised a session featuring Mr. Vikram Singh Kuswah, introduced by Mr. Ichhanshu Jaiswal, where Mr. Kuswah shared his journey from Kharghar to Chicago and provided guidance on project development, highlighting its role in strengthening technical skills and industry readiness.

8. Organised a session featuring Mr. Sudhanshu Jaiswal (Software Engineer at Google), introduced by Mr. Ichhanshu Jaiswal, where he explained how students can prepare for big tech companies like Google.

9. Organised a session featuring Mr. Nisarg Desai (Data Scientist at Deloitte), introduced by Mr. Ichhanshu Jaiswal, where he explained real life use cases of AI.

**Student's Achievements:**

**Result for Academic Year 2024-2025:**

Semester III Toppers

Rank	Name	Pointer
1	Aishwarya Shetty	10
2	Ashwin Pai	10
3	Arnav Gupta	10
4	Parnita Bharti	10

Semester V Toppers

Rank	Name	Pointer
1	Siddharth Chakravarty	10
2	Chinmay Patil	9.59
3	Soham Shivpuje	9.45

Semester VII Toppers



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Rank	Name	Pointer
1	Dhanashree Thakur	9.95
2	Vinaya Tiwari	9.73
3	Viraj Wadke	9.59

### Campus Placements:

Company Name	Total No of Students Placed
Zeus Learning	2
FeedSpot	6
Bristlecone	2
CleverTap	1
Neebal Technology	5
Qspider Campus Connect	12
Infytrix Ecom Pvt. Ltd.	3
Arcon Tech Solutions Pvt. Ltd.	1
Synergics Solutions Pvt. Ltd.	1
Avniro Group	1
Interactive Brokers	1
IBM	1
TCS	7
Quantum Software Solutions	1

Placements are still underway for the remaining students of BE ABC. About 100 students undertook internships in 10+ companies.

### Students' Other Achievements:

1. CSE (DS) students represented VCET at SOLECTHON, with participants from SE and TE, including Deep Godhani, Advay Joshi, Sakshi Vishwakarma, Komal Vaishya, Chinmay Patil, Akshat Parab, and Adarsh Pande.
2. Team Airnova secured 1st place in the SkyGlider Competition at Ascension 2025, Technex (IIT BHU, Varanasi), along with 6th place in DroneTech and 8th place overall in Aeroverse, competing against 45–50 top teams.
3. The CSE (DS) girls' team secured 1st place in both Throwball and Kabaddi tournaments at AVAHAN 2025, demonstrating outstanding talent, teamwork, and determination.
4. CSE (DS) students won top positions in the Open Mic Competition organized by the EBSB Committee, artistically representing Odisha and Maharashtra, with Saurabh Nikhil Patil (BE CSE) securing 1st place and Samar Sawant & Group (FE CSE) securing 2nd place.
5. At AVAHAN 2025, Omkar Shelke (BE) secured Runner-Up positions in Carrom Singles, Carrom Mixed Doubles, and Foot Volley, showcasing commendable skill and bringing pride to the department.
6. Secured 1st position in the TechVision 2024 Paper Presentation Competition under the National Student Conference on Emerging Trends and Technology (NSC-ETT), organized by Thakur College of Engineering and Technology on October 4, 2024.
7. Secured 1st Runner-Up position in the Project and Product Exhibition organized by the Computer Society of India at Atharva College of Engineering on August 12, 2024.
8. Secured Runner-Up position in "Shabdankhan – Essay Writing Competition" organized by EBSB-VCET on September 30, 2024.

**Dr. Vikas Gupta**  
**Head of Department**  
**Computer Science and Engineering (Data Science)**



## DEPARTMENT OF AI & DS



It gives me immense pleasure and honor to present the annual report of the Department of AI&DS for the academic year 2024-25. The Department is always striving to contribute best for students.

The various activities and achievements of AI&DS Department are summarized below:

### Faculty Achievements:

1. Dr. Tatwadarshi Nagarhalli and Ms. Neha Raut have completed MMS from Mumbai University.
2. Mrs. Sneha M. Yadav and Ms. Neha Raut are pursuing Ph.D. from Mumbai University.

### Paper Publications/Conference attended:

1. Dr. Tatwadarshi P. Nagarhalli, Rujuta Vartak, Soham Ajit Dahanukar, Shruti Sunil Pawar; published a Research Paper in (ICSSAS 2024).
2. Raunak Joshi, Neha Raut, Tej More, Sakshi Karande have successfully presented a paper (ICDCC-2024).
3. Sneha Yadav, Harshal Ahire, Sanket Das, Ganesh Gopalkrishnan presented their Research Paper in ICCCT 2025.
4. Dr. Tatwadarshi Nagarhalli, Sanket Patil, Uday Aswalekar published a Research paper in SSRG International Journal of Electrical and Electronics Engineering.
5. Dr. Tatwadarshi P. Nagarhalli, Sanket Patil, Vishal Pande, Uday Aswalekar, Prafulla Patil published a Research paper in SSRG International Journal of Electronics and Communication Engineering.
6. Dr. Tatwadarshi P. Nagarhalli published a Research paper in African Journal of Biomedical Research, Vol. 27 No. 3 (2024).
7. Tatwadarshi P. Nagarhalli published a

1. Research paper in the South Eastern European Journal of Public Health.
2. Sneha M. Yadav a Research paper titled “AgroScan: Crop Identification Application using Artificial Intelligence Approach” in Nanotechnology Perception

### Books/Book Chapter Publications:

- Dr. Tatwadarshi N. P. has published a chapter titled a.“A Deep Learning based Approach for Fruit Gradation in the Post-Harvesting Phase (Scopus Indexed)”  
 b.“Significance of Intelligent Learning Techniques in Internet of Things Applications (Scopus Indexed)”.  
 c. Dr. Tatwadarshi N. P. has co-authored along with Ms. Rujuta Vartak has published a chapter titled “A Review of Security Challenges and Solutions for Healthcare IoT-based Systems (Scopus Indexed)”, in a book named Towards Sustainable Society Development using Internet of Things: A Technological Comprehensive Study for the benefit of mankind by CRC Press, Taylor & Francis Group, USA/UK.

### Copyrights:

Registered 6 Copyrights and 2 Patent.

Patent/copyright Application No.	Title of the Patent/Copyright	Applicant/s Name
SW-19642/2024	A Scalable Online tutoring platform with integrated learning APIs and personalised learning dashboards	Sneha M. Yadav, Shalaka Kadam, Neha Singh, Amulya Shetty



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SW- 19903/2024	Farmforecast: Predictive Analytics For Crop Suitability	Rujuta Vartak, Anuj Mishra, Harsh Mishra, Shreyank Kasable
22487/2024- CO/SW	Deutsche Lernen: A German Learning Application	Dr. Tatwadarshi P. N., Charmi Jani, Tejasree Karekar, Shreya Hudekar
22446/2024- CO/SW	A Novel Lip Reading Application	Dr. Tatwadarshi P. N., Ojas Prabhu, Parth Raut, Aditya Shinde
22854/2024- CO/SW	SecuraSight: Smart CCTV Security Monitoring System	Neha Raut, Dhir Surti, Shreya Wankhede, Shagun Upadhyay
23884/2024- CO/SW	Navigation Assistance for the visually impaired: An image segmentation- based web application	Sejal D'mello, Vivek Prajapati, Hiren kumar Vyas, Naveen Arora, Arpit Mishra
202521036181 (Patent)	Deep Learning- Based Diagnostic System for Chronic Kidney Disease Detection with Fuzzy Logic Integration	Sejal D'mello

G06F 40/49 (Patent)	A system for context- dependent language translation	Dr. Tatwadarshi P.N.
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#### ATAL FDP/STTP/MOOC Courses:

No. of FDP attended by all faculty members: 24

#### STTP/Orientation/Internship etc. organized by the Department:

Mr. Raunak Joshi and Ms. Kshitija Gharat conducted an extensive two-week internship organized in association with IIIC, VCET and Rogue AI on “Data Science and Deep Learning” along with capstone activity from 16th June 2025 to 28th June 2025.

#### SDP/Internship etc. organized by the Department:

Sr. No.	SDPs	Class
1	Excelling the Code skills: Algorithmic Thinking and Programming Concepts	TE
2	Excelling the Code skills: Problem Solving through Object- Oriented Techniques	SE
3	Excelling the Code skills: Essential of Programming Fundamentals	SE

#### Microsoft Learn Student's Club:

- Faculty Advisor: Mr. Raunak Joshi



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Sr. No.	Event Name	Resource Person	Event Date
1	Python fundamental challenge	Online Challenge , no resource person involved	3rd to 10th August 2024
2	Mission Career Seminar	Gautam Umashankar - Study Abroad Consultant - Mission Career	23-09-24, 24-09-24
3	Git GitHub Workshop	Internal (Senior Students)	09-10-24, 10-10-24
4	Skill TRIFECTA challenge	Online Challenge , no resource person involved	25 November - 25 December 2024
5	Coherence 2.0 - 24-hour hackathon	No resource person involved	28th and 29th March 2025

#### Intelliverse Newsletter:

**Faculty Advisor: Ms. Sweety Patil and Ms. Rujuta Vartak**

"Intelliverse" – the technical newsletter of the Artificial Intelligence and Data Science department, showcasing articles on the latest technological advancements contributed by students.

- a. Second edition titled "Innovating the Future: AI, Tech & Chatbots Unleashed." in November 2025.
- b. First edition of the newsletter was published in November 2024, titled "Generative AI: Revolutionizing Cybersecurity to Prevent Security

Breaches.

#### VCET TechZette Technical Magazine:

**Faculty Advisor: Ms. Sweety Patil and Ms. Rujuta Vartak**

VCET TechZette, the technical magazine of Artificial Intelligence & Data Science, featured 27 articles contributed by 26 students, published in February 2025.

#### Paper-E-Thon:

**Faculty In charge: Mr. Raunak Joshi**

The Intra College Event was jointly organized by Dept. of Computer Engineering and Dept. of Artificial Intelligence and Data Science on 26th and 27th July 2024. The event was aimed at increasing research activity across the Institute.

No. of Participants: 132

#### Winner:

Learning Efficacy Augmentation for Bose- Einstein Condensates of Numerical Representative: A Review (Sakshi Karande and Tej More) (AI & DS)

#### Industrial Visit:

1. Mrs. Sneha Yadav, Ms. Sweety Patil, Mrs. Sejal D'mello and Ms. Neha Raut, visited Testriq QA Lab LLP, Mira Road along with 56 Students (in 2 batches) on 25/09/2024.

2. Ms. Bhavika Gharat, Ms. Rujuta Vartak, Mr. Raunak Joshi, Ms. Kshitija Gharat visited Contentstack/Raw Engineering along with 50 Students (in 1 batch) on 30/09/2024.

#### Industry Projects:

1. Dr. Tatwadarshi P.N. has guided the Industry Project titled "Adaptive Learning Pathway Optimizer: Enhancing personalized educational journeys through intelligent roadmap recommendations" assigned by EDBA Academy for Ojasvi Prabhu, Parth Raut B.E. (AI & DS) students as Major Project.

2. Mrs. Sneha M. Yadav has guided the Industry Project titled "AI Powered WhatsApp Support System" assigned by Hostbun for Prathmesh Bhagat, Sudeep Shetty, Krish Mehta B.E. (AI & DS) Students as Major Project.



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### Student's Achievements:

**Result for Academic Year 2024-2025:**

**BE Sem VIII Result: 100 %**

Rank	Name	Pointer
1	Jha Devharsh Jagdanand	9.56
2	Shetty Amulya Chandayya	9.45
3	Maurya Hemani Ramakant	9.34

**TE Sem V Result: 97.01 %**

Rank	Name	Pointer
1	Shagun Hrishikesh	9.45
2	Pradeep Lahu Rathod	9.32
2	Ankit Vinod Bari	9.32
3	Dnyanesh Baburao Panchal	8.77

**SE Sem III Result: 90.90 %**

Rank	Name	Pointer
1	Patil Pranjal Keshav	10
1	Raut Shravani Sandeep	10
2	Koli Aryan Prakash	9.78
3	Gurav Devendra Ramesh	9.74
3	Gauchandra Shruti Narendra	9.74

### Campus Placements:

Company Name	Company Name
Bristlecone	3
DXC Technology	3
Feedspot	4
HUDL	1
Infosys	2
Media.net	1
NEEV ACADEMY	1
Punon	1
Quantum Phinance	1
SaffireTech	1
SCOGO	1
Surfboard Ventures	5
TCS	8
Zeus Learning	1

### Internships:

Company Name	Number of Students
Acmegrade	1
Arihant Digiprint	1
Axia	1
Bio4U	3
CitiusCloud- ContexIQ	3
Cloud Counselage	1
CodeSoft	4
Coincent	1



ContexIQ	1
DEPCR Technologies PVT. Ltd.	1
Edunet Foundation	6
Edba Academy	2
Finovoice Research Analyst	1
Gallopes system and solutions	1
HKI Infotech	1
Homeville Consulting Private Limited	1
Hostbun	2
IIT Bombay	2
Infosys	1
KultureHire Education Technology	1
Main Flow Services and Technologies	1
Neev Academy	1
Platiga Technology Pvt.ltd	1
Ricoz	1
Scogo Networks	2
Suraj Automations	1

Surfboard Ventures	1
Trainity	1
Unified Mentor	1
VaultofCodes	1
Vashnav Technology	1
Verde Jewels Pvt. ltd.	1
Vistaar Digital Communications Pvt Ltd	2
YBI Foundation	4
360DigiTMG	1
Ace 360	1

#### Students Other Achievements:

#### Oscillations -Paper Presentation:

1. Shruti Gauchandra, Aman Mehtar, Sharvari Bhondekar, and Roma Dsouza from SE presented a paper titled Invisible watermarking for AI media: Ensuring authenticity without compromise and secured Winner position.
2. Bhavesh Varma from SE presented a paper titled Semantic Search with RAG based retrieval and secured Winner position.
3. Sakshi Karande, Tej More, and Diksha Mulik from BE presented a paper titled Sovereign Gold Bond Trend Line Prognostication using Multi-Headed Attention-Based Transformer and secured Winner position.
4. Prashik Gaikwad and Soham Dahanukar from BE presented a paper and secured Runner-up position.



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position.

5. Harshvardhan Surve, Pritesh Verma, Anauam Sharif, and Sharib Khan from BE presented a paper titled MAGE (Multi Agent Generative Engine) and secured Runner-up position.
6. Dhruv Gharat, Kartikey Dubey, Ninad Patil, and Vishwatej Sarang from TE presented a paper titled Lip reading using deep learning and secured Winner position.
7. Konisha Thakare from TE presented a paper titled PlanIt - AI Floor Plan Generator and secured Runner-up position.
8. James Lewis, Suraj Phirke, Divya Davane, and Sumit Patel from SE presented a paper titled Neurorender: Rendering thoughts into images and secured Runner-up position.

#### Vidyavardhini's National Level Project Showcase:

1. Prashik Gaikwad, Soham Dahanukar, and Shrey Ghodke from BE showcased a project titled Synthetic data generation of rare disease IgA present in kidney and secured Runner-up position.
2. Harshvardhan Surve, Pritesh Verma, Anauam Sharif, and Sharib Khan from BE showcased a project titled Multi agent generative engine and secured Winner position.
3. Mokshad Sankhe, Bhavya Wade, and Hardik Raut from BE showcased a project titled Multi model retrieval augmented generation and secured Winner position.
4. Shruti Gauchandra, Sharvari Bhonekar, Roma Dsouza, and Aman Mehtar from SE showcased a project titled Invisible Watermarking for AI Media and secured Winner position.
5. Konisha Thakare from TE showcased a project titled Expense Tracker using ML and secured Winner position.
6. Ankit Bari, Shlok Yadav, and Yash Karekar from TE showcased a project titled Comm AI: Analyzing Human Communication Skills and secured Runner-up position.
7. Bhavesh Verma from SE showcased a project titled Semantic Search with RAG based

retrieval and secured Winner position.

8. Nihal Gharat, Bhavya Damani, and Ayush Patil from SE showcased a project titled Prediction of ADHD using ML and secured Runner-up position.
9. Saurabh Vishwakarma, Harsh Tripathi, Pradeep Rathod, and Vraj Oza from TE showcased a project titled CMD AI and secured Winner position.

#### Cultural & Sports activities:

##### Zeal:

1. Sharvari Bhonekar from SE won the event Zeal Renais'25.
2. Saloni Sutar from TE won the event Zeal Renais'25.
3. Saloni Sutar from TE secured the Runner up position at Zeal Renais'25.
4. Saurabh Vishwakarma from TE won the event Zeal Renais'25.
5. Sumeet Kadam from SE won the event Zeal Renais'25.
6. Roma Dsouza from SE won the event Zeal Renais'25.

#### Avahaan

Sr. No.	Participant	Class	Event	Position
1	Dhruv Gharat	TE	Avahan	Winner
2	Ayush Kodai Gupta	TE	Avahan	Winner
3	Saurabh Mane	TE	Avahan	Winner
4	Yash Kasare	SE	Avahan	Winner

#### Inter-Collegiate Events (Outside VCET):

1. Dnyanesh Panchal participated in Vasai-Virar Krida Sankul from TE and secured Runner Up.
2. Ayush Kodai Gupta participated in CONVEGNO 2025 from TE organized by Rohidas Patil Institute of Management Studies.

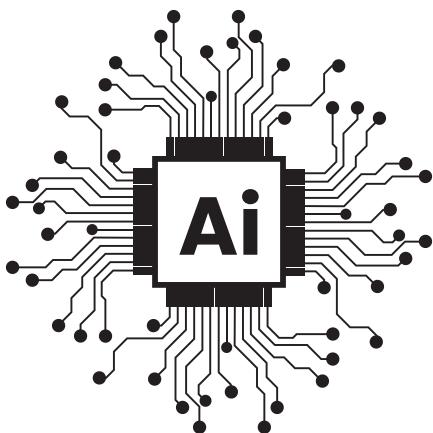


3. Saurabh Mane participated in CONVEGNO 2025 from TE organized by Rohidas Patil Institute of Management Studies.

**Students other Achievements:**

1. Suraj Phirke from SE was finalist of google build and blog marathon organized by Google Hackathon.
2. Sarvesh Surve from TE AI&DS and team were the Best Problem Statement Track Winner at Quasar 3.0 National Level Hackathon at Vasantdada Patil Prathisthan's College of Engineering.
3. Sarvesh Surve from TE AI & DS was 2nd runner up at Datathon 3.0, NMIMS.
4. Sarvesh Surve was Track winner at Quasar 3.0, Vasantdada Patil Prathisthan's College of Engineering
5. Rohan Mangaonkar and Shubham Mohanty from TE won the First Prize in TechX(Product Showcase) 2024.
6. Team AIDS secured 1st prize for football, Volleyball and Footvolley in AVAHAN 2K25
7. Chinmay Satatm, Anuska Mali, Aryan Ramekar were winners in "Standards On Stage" A Street Play Competition in Association With Bureau of Indian Standards organized by Dept. of Mech. Engg.
8. Saloni Sutar, Saurabh Vishwakarman of (TE AI&DS) secured a prize in the NSS Event

**Dr. Tatwadarshi P.Nagarhalli,**  
**Head of Department**  
**Artificial Intelligence and Data Science**





## DEPARTMENT OF MMS



It is a great pleasure and honor to present the annual report of the Department of Master of Management Studies (MMS) for the academic year 2024-25.

Launched with its maiden batch in 2023-24, the department is dedicated to developing skilled and responsible business professionals. By blending theory with practical learning, it prepares students for real-world challenges. Industry collaborations, case studies, and hands-on projects enhance their problem-solving and leadership abilities. With a strong focus on critical thinking and ethical decision-making, the department equips students to make a meaningful impact in the corporate world. The various activities and achievements of the department are as summarized below:

### Paper Publications/Conference attended:

#### Dr. Shital Patil:

1. Research Paper: (March 2024) Published a 'The Study on the Awareness of ESGS Mutual Fund Among Investors in Suburbs of Mumbai' in the International Journal of Advance and Innovative Research, Volume 11, Issue 1 (XIII): January - March 2024, ISSN 2394 - 7780 , IMPACT FACTOR 8.12.
2. Research Paper: (June 2024) Published 'A Study on the assessment of awareness and understanding of the E-Shram and It's Scheme' in the IPE Journal of Management Research Journal, Double-Blind, Peer Reviewed, UGC CARE Listed Journal, ISSN 2249-9040 Volume 14, No 18, January-June 2024. Impact Factor 7.138

#### Ms. Candida Gomes:

1. Research Paper: (June 2024) Published 'Venture Capital and Startup Financing in the Digital Age Trends, Challenges and Opportunities' in the IPE Journal of Management Research Journal, Double-Blind, Peer Reviewed, UGC CARE Listed Journal, ISSN 2249-9040 Volume 14, No 18, January-June 2024. Impact Factor 7.138.
2. Research Paper: (August 2024) Published research paper in the International Journal of Advance and Applied Research, Volume 6, Issue 24, ISSN 2347-7075, with an Impact Factor of 8.141.

#### Ms. Heleena Alphanso:

1. Research Paper: (June 2024) Published 'Social Entrepreneurship: A Critical Instrument on Driving Meaning Societal Transformation' in the IPE Journal of Management Research Journal, Double-Blind, Peer-Reviewed, UGC CARE Listed Journal, ISSN 2249-9040 Volume 14, No 18, January-June 2024. Impact Factor 7.138
2. Research Paper: (June 2024) Published 'A Study on the Difficulties encountered in social entrepreneurship in India' in the B.Aadhar' International Peer Reviewed Indexed Research Journal, Single Blind Peer-Reviewed & Refereed Indexed, Impact Factor -(SJIF) -8.632, Issue No, 477 (CDLXXVII) A.
3. Research Paper: (April 2024) Published ' Social Entrepreneurship: Need of the hour' International Journal of Creative Research Thoughts (IJCRT), An International Open Access, Peer-Reviewed, Refereed Journal, Vol-12, Issue 4 April 2024, ISSN: 2320-2882



# ANANTAM

EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE



## Conference Details:

Sr. No.	Name of the Faculty Member	Title of the Activity	Name of the Conference
1	Dr. Shital Patil	Entrepreneur and Social Empowerment Converging to Emerging Technological Growth In Business	National Level Conference on “A Multidisciplinary Approach on Entrepreneurship Growth and Competitiveness in the Digital Era” organised by the Research and IPR Cell of Nirmala Memorial Foundation College of Commerce
2	Dr. Shital Patil, Ms. Candida Gomes, Ms. Heleena Milton	A Multidisciplinary Approach on Entrepreneurship Growth and Competitiveness in the Digital Era	9th International Multidisciplinary Conference organised by Chandrabhan Sharma college of Arts, Commerce & Science in association with Department of Commerce Nehru

## FDP/STTP/Workshops Attended:

Sr. No.	Name of the Faculty Member	Title of the Activity
1	Dr. Shital Patil	Emerging Skill Based Education in 21st Century as per NEP 2020
2		Empowering Educators: The crucial Role of technology in Today's Classroom
3		A Hands on Workshop on Use of AI tools for systematic Literature Review
4		Globalization Unleashed: Advancing Commerce and Management Education
5		Power-up your Data: Mastering the Fundamentals of Power BI
6		Carving Powerful Professional Image
7		Meta-Analysis
8		Research Methodology and Project Work Guidance



# ANANTAM

EXPRESSIONS BEYOND TIME,  
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9	Dr. Shital Patil	Harnessing the AI & Chat GPT potentials for higher Education	8	Candida Allan Gomes	Emerging Skill Based Education in 21st Century as per NEP 2020
10		Research Methodology and Data Analysis	10		How to Map Course Outcomes and Programme Outcomes for NAAC report as per NEP 2020
1	Candida Allan Gomes	Research Methodology and Data Analysis	11		Meta Analysis
2		Research Methodology, Ethics and AI Tools	1	Shruti Arekar	Carving Powerful Professional Image
3		Research Methodology	2		HR Catalyst
4		Carving Powerful Professional Image	1	Heleena M Alphanso	Research Methodology and Data Analysis
5		Power-up your Data: Mastering the Fundamentals of Power BI	2		Skills Reengineering in Business Management
6		Financial Management - Exploring Strategies and their impact in Modern Era	3		How to Write Thesis
7		Globalization Unleashed: Advancing Commerce and Management Education	4		Research and Publication Ethics
			5		How to Write a Thesis
			6		Research Proposal Writing for Funding Projects
			7		Research Methods and Data Analysis
			9		Meta Analysis
			15		Research Methodology



### NPTEL Courses completed by the Department:

1. Dr. Shital Patil, Ms. Heleena Milton, and Ms. Candida Gomes had completed the FDP cum NPTEL module on Outcome-Based Pedagogic Principles for Effective Teaching.
2. Mr. Vishal Gangan completed NPTEL courses on Microfinance and Self-Help Groups, and Research Methodology and Statistical Analysis.
3. Ms. Manali Churi completed NPTEL course on Advanced in Strategic Human Resource Management (HRM)
4. Mr. Rowland Lopes completed the NPTEL course on Advertising and Sales Promotion Management.
5. Mr. Vinay Mahendra Mayekar of FYMMS completed NPTEL course on Advances in Strategic Human Resource Management (HRM).
6. Ms. Jagruti Dhananjay Lakule and Ms. Shikha Vinod Shukla of FYMMS completed NPTEL course on Design Thinking - A Primer.
7. Mr. Vijay Sanjay Nagar of FYMMS completed NPTEL course on Artificial Intelligence for Investments.
8. Ms. Aditi Jadhav, Ms. Avani Raut, Ms. Riya Mohite of FYMMS completed NPTEL course on Advanced in Strategic Human Resource Management (HRM).
9. Ms. Bhumika Mahapadi of SYMMS completed NPTEL course on Design Thinking Primer.
10. Mr. Akash Kannaujia of SYMMS completed SWAYAM course on Banking and Financial Markets: A Risk Management Perspective
11. Ms. Sneha Singh of FYMMS completed NPTEL course on Business Forecasting.
12. Ms. Mokshada Deepak Borkar, Ms. Neha Bharadwaj, and Ms. Jyoti Vishwakarma of FYMMS completed NPTEL course on Project Management.
13. Ms. Neha Bharadwaj of FYMMS completed NPTEL course on Introduction to Graphic Design.
14. Mr. Akash Kannaujia and Mr. Yash Chaurasia of SYMMS completed SWAYAM course on Equity Stock Market.
15. Ms. Yashashree Kharat, Mr. Kalash Tiwari of SYMMS completed NPTEL course on HR

Analytics.

15. Mr. Ravishankar Yadav of SYMMS completed NPTEL course on Cost Accounting.
16. Ms. Shirfana Sayeed and Ms. Ankita Ambokar of SYMMS completed NPTEL course on Corporate Finance.

17. Ms. Mansi Sankhe of SYMMS completed the SWAYAM course on Digital Marketing.

18. Mr. Vijay Nagar of SYMMS completed NPTEL courses on Quantitative Investment Management and Security Analysis and Portfolio Management,

**Activities/Webinar/Workshop/Events conducted by the department(Between 01/07/2024 - 30/06/2025):**

1. The Department of MMS organized **Sectoral Presentations for second-year students on 26th September 2024**, where students analyzed various industries through Finance, Marketing, and HR perspectives, enhancing their research, communication, and teamwork skills. The activity bridged academic learning with industry exposure and prepared students for sector-specific career paths.

2. The Department of MMS conducted a one-week Orientation Program in September 2024 for its new batch of 48 students, featuring core subject sessions, team-building activities, and an inaugural address by Mr. Ramesh Titre, Vice-President of Parle Global Technologies Pvt. Ltd.

3. On 3rd October 2024, the MMS Department hosted a guest lecture by Mr. Amey Raut, Co-Founder of OTET Infosystems, where he shared his entrepreneurial journey, emphasizing passion, determination, team building, and the VCP framework for business growth.

4. On 16th October 2024, the MMS Department, in collaboration with Empirical Academy and NISM, organized a Financial Market Awareness session by Mr. Deepak Vakharia, offering students practical insights into markets, regulations, and derivatives.

5. On 22nd October 2024, the MMS Department organized **Ideathon 1.0** with participation from 14 colleges, providing a platform for innovative



solutions and fostering creativity, collaboration, and critical thinking among students.

6. On 21st November 2024, the MMS DLLE students organized a Poster Making Competition on **Environmental Education and Career Projects**, where 32 participants showcased creative ideas on sustainability and career aspirations.
7. On 29th November 2023, the MMS Department organized a 3D Model-Making Competition for FYMMS students, where teams created models on operations concepts like supply chains, production layouts, and logistics, enhancing practical understanding and teamwork.
8. On 6th December 2025, the MMS Department's DLLE unit conducted its First Term Training Program, orienting 32 students to DLLE's vision, mission, and project planning while encouraging community-focused extension work.
9. On 29th November 2023, the MMS Department at Vidyavardhini's College of Engineering and Technology conducted a 3D Model-Making Activity for FYMMS operations students. Projects included models of a sugar factory, Amul factory, solar project, and water project.
10. The 1st Term Training Session organized by the DLLE under the MMS Department at VCET served as an orientation for newly enrolled students. Conducted online on 06/12/2025, it introduced the vision, mission, and functioning of DLLE while emphasizing community involvement.
11. On January 3, 2025, the Department of Management Studies, in collaboration with NISM and SEBI, organized a Financial Education Program for MMS students at Vidyavardhini's College. Led by expert speaker Mr. Deepak Vakharia, the session focused on key topics like saving, budgeting, investing, and financial discipline.
12. On 13th January 2025, the DLLE in collaboration with the Department of MMS,

VCET, organized a Poster Making Competition under the Mini-Udaan event in Room 515. With 27 enthusiastic participants, the competition focused on themes like Election Literacy, Social Media, and Career Options.

13. On 24th January 2025, the Department of MMS at VCET hosted a vibrant intercollegiate fest featuring dynamic events like LAN gaming, an escape room, Brand Maniac, AdMad, and Open Mic. Students from junior college to post-graduation actively participated, with over 100 competitors across various events.
14. The UDAAN Annual Festival, held on 24th January 2025 at VIVA College by the Department of Lifelong Learning and Extension (DLLE), featured Creative Writing and Poster Making competitions that showcased students' artistic and intellectual talents. Ms. Riya Mohite won first prize in Creative Writing for her exceptional composition, earning accolades from faculty and peers.
15. On 15th February 2025, the DLLE Unit of the Department of MMS, VCET, participated in a beach cleaning drive at Arnala Beach, Virar (East), in collaboration with the Rotary Club of Virar.
16. On 15th February 2025, the Department of MMS, VCET, under the DLLE initiative, organized a Career Counselling Session for 9th-grade students of Bhuvanesh Kirtane Vidyalaya, Mahim, Palghar. The session aimed to guide students in exploring academic and career opportunities after school. Over 100 students actively participated, engaging in discussions about their interests and future goals.
17. On 21st and 28th February 2025, Vidyavardhini's College of Engineering and Technology organized expert sessions by Mr. Pratik Thakur, Manager at General Mills India, and Ms. Pooja Mahagaonkar, CEO of IPSA Pvt. Ltd., to guide MMS students in choosing their specializations. Both speakers emphasized aligning career decisions with



individual strengths, interests, and evolving industry trends.

18. A 30-hour Power BI training program was conducted at Vidyavardhini's College of Engineering and Technology for 26 SYMMS students from February 9 to March 7, 2025. Led by expert trainer Mr. Vaibhav Shah, the program focused on data transformation, dashboard creation, and advanced Power BI tools such as DAX and AI features.
19. On March 25, 2025, Mr. Sohil Altaf Pirani conducted an expert session on data analysis and hypothesis testing for MMS students at Vidyavardhini's College of Engineering and Technology. With his extensive experience in academic research and statistical tools, he introduced key concepts such as descriptive and inferential statistics, types of data, and common statistical tests.
20. Vidyavardhini's College of Engineering and Technology organized VNPS & Oscillations 2025 on April 4–5, providing a national platform for students to present innovative research across engineering and management disciplines. The MMS department's Management Track saw 11 students showcase projects on topics ranging from digital marketing and AI in education to investment trends and microfinance.
21. The Advanced MS Excel training at VCET equipped 33 FYMMS students with comprehensive skills in data analysis and business intelligence. Conducted by Mr. Vaibhav Shah over 30 hours, the program covered advanced tools like pivot tables, dashboards, macros, and complex functions.

#### **Student's Achievement:**

Our students made us proud by winning the third prize in the Powada singing competition at the Udaan Festival, organized by the DLLE Unit of the University of Mumbai. This achievement reflects their talent, teamwork, and dedication beyond academics.

#### **Result for Academic Year 2024-2025: Sem I Toppers**

Rank	Name	Pointer
1	Mohite Riya Bapurao	8.62
2	Singh Rupal Hemantkumar	8.15
3	Singh Vishanavi Rahul	0

#### **Result for Academic Year 2024-2025: Sem III Toppers**

Rank	Name	Pointer
1	Vinay Mahendra Mayekar	9.67
2	Raut Neha Mahesh	9.56
3	Shaikh Shirfana Sayeed	9.56
4	Ankita Subhash Ambokar	9.44

#### **Glimpses of the Events:**

##### **Students Summer Placement**

The department takes pride in announcing that all students of the maiden batch have secured summer placements in their respective specializations. Organizations like Indian Oil Corporation Ltd, Parle Global Technologies Pvt. Ltd., Arti Drugs Pvt Ltd, and many more have offered valuable opportunities to our students.

**Dr. Shital Patil**  
**Head of Department**  
**Master of Management Studies**



## LITERATI - THE LITERARY CLUB

Literati – The Literary Club of VCET is responsible for promoting and supporting literary activities within our organisation. Over the past year, the committee has made significant progress in achieving its objectives. This report summarises the committee's activities, achievements, and challenges faced by the club in AY 2024-25.

We begin each year by welcoming creative and interested members for our committee who put their heart and enthusiasm into making the year insightful. The theme for Vista 2024 was Pratibimb - Nurturing ideas, Inspiring Minds. It featured outstanding works of literature from amateur readers, writers, and poets of our college. The committee organises events not only in one or two languages but in three different languages i.e. Hindi, Marathi, and English! which in turn brings more participants and zeal.

Since the motto of the committee is to promote literature among students, Marathi and Hindi Kavi Sammelan were two poetry recitation competitions hosted consecutively. The competition brings out some of the finest poets in the college and their creations are music to ears. Students participation in the club's activities were promoted in the form of MBD (Marathi Bhasha Divas) to bring out the literature enthusiasts among them.

The ultimate and most-anticipated event of the year Litfest'25 capped off the glorious work put forward by the committee members. This year Litfest'25 was held on 30th January 2025. As a regular trend that is seen over the years Faceoff 12 and Unscripted - The Extempore competition attracted interest and delight throughout the students, faculty and management of VCET.

This year had its ups and downs, with some major issues arising at critical moments. But it was quite remarkable how the unity stayed among the members and through sheer determination and will power, every event was a grand success and only brought fame and praise for the committee.

Event Name	Event Date	No. Of Participants
Hindi Kavi Sammelan	24/9/2024	14
Marathi Kavi Sammelan	25/9/2024	12
Photoshoot	8/2/2025	-
Unscripted-The Extempore Speech Competition(Eng)	31/1/2025	13
Unscripted-The Extempore Speech Competition(Hindi)	31/1/2025	7



Unscripted-The Extempore Speech Competition(Marathi)	31/1/2025	10
Meme Making	30/1/2025	10
Kahani Main Twist	30/1/2025	4
Literature Quiz	30/1/2025	32(8 groups)
Love Letter Writing	30/1/2025	26
Choose your anime	30/1/2025	9
Poster Making	30/1/2025	9
Faceoff(Intra)	28/01/2025 29/01/2025	32(8 groups)
Marathi Bhasha Divas	12/3/2025	20

**Dr. Swati Varma**  
**Staff In-charge, Literati - The Literary Club**

## SPORTS COMMITTEE

**Short Description of the committee:** Sports weave the very fabric of our lives, acting as a catalyst for personal growth, mental fortitude, and physical vitality. Enter the stage of exhilaration-AVAHAN, the annual inter-college youth spectacle radiating sportsmanship, fervor, and unwavering determination. This grand celebration of skill and strategy unfolds every year, a vibrant tapestry of enthusiasm, set to elevate spirits and showcase prowess.

The AVAHAN 2025 event, described as a beacon of joy and an "emotion" for VCETians, was slated to run from January 9th to January 12th 2025, encompassing both intra- and inter-college sporting competitions and attracting students from across Mumbai. The grand inauguration ceremony on January 9th was a spectacle, graced by Mr. Vijay Jadhav and featuring a dynamic jersey reveal that symbolized team spirit. The inauguration showcased cultural and athletic performances, including a Powada by Omkar Poojari and Jatin Bhoir, a powerful display by the Shivskaran Shivkaaleen Mardani Akhada Vasai warriors, and a stunning Mallakhamb performance, all of which captivated the audience.



The overall organization and spirit of AVAHAN 25 were highlighted by the role of Sports Secretary Mr. Ujjwal Upadhyay, who successfully rallied support and enthusiasm for the sporting spectacle. The event also served as a moment to express gratitude, with appreciation extended to dignitaries, committee members, and sponsors recognized as the architects of the event's success. AVAHAN 25 aimed to distinguish itself annually by adopting a unique theme, thereby breathing new life and enthusiasm into the grand sporting event.

In the lead-up to the event, precision took center stage. Mr. Ujjwal Upadhyay and her team of coordinators ensured registered participants were in the loop, receiving updates and reporting times tailored to their respective categories and sports. A dynamic leaderboard emerged, transforming the competition into a real-time spectacle where participants could track the pulse of their rivals, infusing an extra layer of excitement into the proceedings.

Under the meticulous orchestration of the committee members, the events unfolded seamlessly, adhering to the carefully crafted schedule. The week-long extravaganza is a harmonious symphony of indoor and outdoor activities, weaving an immersive experience for all participants. AVAHAN 25 became a vibrant canvas where athletic prowess and sportsmanship collided, promising a riveting competition with every heartbeat.

**Details of organised event (Between 01/07/2024 - 30/06/2025):**

Sr. No.	Event Name	Dates
1	Grand Inauguration	9/1/2025
2	Box Cricket/Football	10/1/2025
3	Girls Cricket/Badminton	10/1/2025
4	Indoors/Tug of War	11/1/2025
5	Volleyball/Throwball	11/1/2025
6	Kabaddi/Football	12/1/2025
7	Arm Wrestling/Indoors	12/1/2025



### Committees Motto and Mantra:

The Committee Motto and Mantra for AVAHAN 2025 were unified under the single powerful theme and hashtag: **#Revivethespirit**.

This choice was profoundly fitting as it directly addressed the core purpose of the event: to act as a catalyst for personal growth, mental fortitude, and physical vitality. #Revivethespirit served as the rallying cry, urging students to reignite the fervour and unwavering determination inherent in sportsmanship. The dynamic inauguration, featuring the Powada performance, warrior displays, and Mallakhamb, was specifically designed to be a spectacle that marked the beginning of a new chapter and successfully set the tone for the upcoming events, ensuring the spirit was fully revived for the week-long extravaganza. This commitment to precision was essential, as was the introduction of a dynamic leaderboard that transformed the competition into a real-time spectacle. This strategic inclusion infused an extra layer of excitement and allowed participants to track their rivals' progress, demonstrating that the revival was not just about spirit but about creating an organized, engaging, and highly competitive environment.

**Dr. Madhavi Waghmare**  
**Staff In-charge, Sports Committee**

## STUDENTS' COUNCIL

**Short Description of the committee:** The VCET Students' Council is the largest student body at Vidyavardhini's College of Engineering and Technology (VCET). It serves as the official representative of the student community, functioning as a vital link between the students and the college's cultural events. The Council helps shape campus life by promoting teamwork, leadership, and cultural unity through events and activities that bring students from all years and departments together.

Every academic year, the Council is formed through a combination of nominations and selections, ensuring a diverse group of motivated and responsible students committed to serving their peers. These members work collaboratively to plan, organize, and successfully conduct the Council's key events; all of which aim to foster a positive and inclusive campus culture.

**Details of organised event (Between 01/07/2024 - 30/06/2025):**

**First-Year (FE) Orientation Program :** Designed to welcome and guide newly admitted students. It introduces them to the college's structure, clubs, and the Council, helping create a sense of comfort and belonging.

**Teachers' Day Celebration :** The Council leads the effort to honour the dedication and contributions of the teaching and non-teaching staff, reflecting the deep respect students hold for their mentors.

**Garba Night :** During Navratri, a Puja Sthapana is held, and on Garba Night, the main Puja is performed before the dances begin. Everyone follows the colour theme for all nine days. The night is filled with energetic dance, music, and tradition, bringing students together in a vibrant celebration.



**Fresher's Party :** A key event that welcomes first-year students in a fun, relaxed setting. The party is designed to break the ice, provide an opportunity for freshers to interact with seniors, and make students feel connected and at home within the campus community.

**VCET's Cultural Fest (Zeal) :** The highlight of the Council's annual lineup, Zeal is a vibrant, multi-day cultural fest that unites the campus in celebration of talent and creativity. Each year features a unique and innovative theme, bringing new energy, ideas, and excitement to the stage. From competitions to performances, Zeal truly captures the spirit of unity and expression that defines VCET.

**B.E. Farewell :** A heartfelt occasion dedicated to bidding goodbye to the outgoing final-year students. This event celebrates their journey and contributions, creating lasting memories.

Sr. No.	Event Name	Dates
1	FE Orientation	21/08/2024 &06/09/2024
2	Teacher's Day	5/9/2024
3	Garba Night	9/10/2024
4	Fresher's Eve	18/10/2024
5	Zeal	07/01/2025 to 14/01/2025
6	B.E. Farewell	17/4/2025

## A YEAR OF UNFORGETTABLE EVENTS

### **Committees Motto and Mantra:**

“For every student, with every student.”

This is not just a motto; it is the guiding mantra of the VCET Students' Council. It represents the Council's core belief that every student matters and that growth happens collectively as a community. The motto serves as a reminder to act with inclusivity, care, and collaboration in every endeavor, while the mantra inspires energy, creativity, and joy throughout campus life. Guided by this principle, the Council strives to make every moment at VCET vibrant, welcoming, and memorable. Every event organized reflects a commitment to unity, celebration, and shared experiences, from welcoming freshers and honoring teachers to hosting cultural showcases like Zeal. The mission is to build lasting memories, foster meaningful connections, and create a true sense of belonging. Standing together with every student, the VCET Students' Council ensures that fun, friendship, and festivity remain at the heart of the VCET experience.

The Students' Council goes far beyond organizing events. It embodies the spirit, creativity, and unity of the student community. Every initiative is designed to make campus life more engaging, inclusive, and inspiring. By fostering leadership, teamwork, and a strong sense of community, the Council upholds VCET's values while providing students with a space to grow beyond academics. Guided by purpose and passion, the Council serves as the heartbeat of the campus, connecting students, celebrating diversity, and strengthening friendships. These connections reflect that true leadership lies in service, collaboration, and creativity. Each event hosted by the Council is a step toward shaping a vibrant and connected VCET family, where every student feels seen, valued, and inspired to make a difference. The Students' Council does not just create events; it builds a lasting legacy.

**Dr. Madhavi Waghmare**  
**Staff Coordinator, Students' Council**



# ANANTAM

EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE



## ETA

### **Short Description of the committee:**

The Electronics and Telecommunication Engineers Association (ETA) functions as the literature committee of the EXTC department, providing a platform for students to remain updated on contemporary and emerging technological trends. The association emphasizes the development of research, writing, and editing skills, thereby offering students opportunities to strengthen these academic and professional competencies.

In line with its tradition of academic excellence, ETA has consistently released newsletters that are both informative and engaging. In addition to regular updates on the ETA wall, the association has introduced Alumni Interviews, which capture the experiences and insights of distinguished VCET alumni. These interviews provide practical guidance, professional perspectives, and inspiration for current students, bridging the gap between academia and industry.

During the academic year 2024–25, ETA has actively disseminated knowledge through newsletters on significant topics, including:

- The Dark Web – an edition uncovers the hidden side of the internet, highlighting both its promise of privacy and the risks of illicit activities and cyber threats.
- Growth of the Semiconductor Industry in India – emphasizes India's emergence as a global hub for chip manufacturing, supported by strong government initiatives and advanced research efforts

The flagship achievement of the year is the release of the 15th edition of PULSE Magazine, centered on the theme “Generative AI,” which explores how this transformative technology is reshaping creativity, innovation, and problem-solving across diverse fields.

The successful execution of these initiatives has been made possible through the continuous support and guidance of the Head of Department, Dr. Amrita Ruperee, and the dedicated efforts of the ETA team. Their contributions have been instrumental in maintaining the quality and impact of the association's activities.

### **Committee's Motto and Mantra:**

Over the years, ETA has systematically progressed towards its objectives by focusing on both technical and non-technical skill development. Alongside individual growth, the association highlights the importance of teamwork and collaboration, particularly in the process of conceptualizing and publishing a magazine. Guided by its motto, “Belief in the power of knowledge and the magic of teamwork,” ETA contributes to the holistic development of students, equipping them with essential skills for future endeavors.

**Ms. Ashwini Katkar  
Staff In-charge, ETA**



## AIRNOVA

### Short Description of the committee:

Airnova, the official Aeronautics & Aerospace team of Vidyavardhini's College of Engineering & Technology (VCET), is delighted to present this report outlining a year of significant growth, competition triumphs, and pioneering technological development. Our mission, "Where Passion Meets Propulsion", continues to drive us in promoting innovation in aviation and space technology through the research, design, and manufacturing of RC Aircrafts, UAVs, and spacecraft concepts.

Airnova's commitment to applying theory through hands-on practice was on full display this past year, as the team solidified its reputation as a formidable competitor at major national and international aerospace challenges. The crowning achievement was securing the first-place title in the prestigious Skyglider Competition at IIT BHU Technex '25 in February 2025, besting teams from across the country.

The team's technical prowess was further validated by their strong showings at other prestigious events. In the SAE VIT Aerodominator 7.0 competition, Airnova achieved an impressive 'All India Rank 16' in the Micro-Class category. On the global stage, the team secured a 'World Rank 21' in MSSA's International Planetary Aerial Systems Challenge (IPSAC) 2021, demonstrating their ability to compete at the highest levels.

Beyond these major achievements, Airnova participated in a host of other events, including Skyglider, Dronetech, and AeroVerse at Technex'25 - IIT BHU, Aero Artistry at Fluxus'25 - IIT INDORE, Megaleio at St. John College, Udaan at D.J. Sanghvi College, and Drone Drag at the Army Institute of Technology, Pune. These experiences have further enriched the team's knowledge and served to highlight their versatility in the field of aerospace engineering.

Our future research projects include the

development of bio-inspired Ornithopter designs, innovative Bi-Copter and V-Copter configurations to expand the capabilities of unmanned aerial systems, as well as specialized drones for fire-fighting, medical emergencies, search-and-rescue, and geometrical mapping.

Airnova's success is a direct result of the dedication and hard work of its members, guided by faculty support. The team operates with specific sub-systems focused on Research and Documentation, Control System, Structure & Aerodynamics, and Social Media.

Airnova would also like to extend a special thanks to their alumni for their unwavering support, particularly for the crucial assistance they provided during the team's winning effort at the IIT BHU Varanasi competition. Their mentorship is a vital part of the team's continued success.

### Details of organised event (Between 01/07/2024 - 30/06/2025):

Sr. No.	Event Name	Dates
1	SkyRush 2025	28/2/2025
2	AeroVerse	1/3/2025
3	DroneTech	2/3/2025



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4	Megaleio- (Drone)	9/3/2025
5	Fluxus'25 IIT Indore	14/3/2025
6	Drone Drag Race DJ Sanghvi	28/3/2025
7	AIT Pune	7/4/2025

#### Committee's Motto and Mantra:

Airnova's core mission is to promote innovation through the active pursuit of advanced research and pioneering UAV concepts, serving as a medium for student exposure to the UAV domain.

Our work is broken down into four key phases: Research & Innovate (aerodynamics, propulsion & avionics), Design & Build (RC aircrafts, UAVs & drones), Test & Improve (flight trials, data logging, simulations), and Compete & Showcase (IIT fests & national-level challenges).

The Team's long term goal of stepping into industry is built on mutual benefit, offering partners visibility and access to our technical talent. Industry collaborators gain elite networking opportunities with industry leaders, innovators, and key stakeholders, as well as joint product testing opportunities, allowing them to leverage our team of young engineers for their R&D goals.

The past year was a period of high achievement and deep learning, validating Airnova's hands-on approach to fostering skills in aeronautics, structures, and flight technology. With this bold agenda and the continued passion and dedication of their young engineers, Airnova is poised to reach new heights, solving complex industrial challenges and further cementing VCET's reputation as a hub of aerospace innovation.

Looking ahead, the team is setting its sights on participating in some of the country's most prestigious events and challenges, including NIDAR - National Innovation Challenge for Drone Application & Research, SAE AeroTHON 2025, Smart India Hackathon (SIH) 2025, and the Indian Drone Racing League (IDRL).

**Mr. Vishwas Palve  
Staff In-charge, AIRNOVA**



## HACKATHON

### Short Description of the committee:

The **Hackathon Committee** of the Information Technology Department has proudly upheld a legacy of innovation and excellence for over eight years. As the backbone of VCET's prestigious technical event, this team has continuously strived to create an environment that nurtures creative thinking, teamwork, and cutting-edge solutions.

For the academic year 2024–25, the committee once again demonstrated its exceptional organizational capabilities through the successful execution of VCET Hackathon 2024–25. The 30-hour coding marathon brought together brilliant minds from across the state and beyond to ideate, innovate, and implement technological solutions to real-world problems.

This year's event marked a significant growth in participation, showcasing 45 enthusiastic teams and a total of 215 participants, affirming the event's increasing impact and outreach. Participants hailed not only from Maharashtra but also from states like Gujarat, Odisha, and Tamil Nadu, making the event a vibrant and diverse confluence of talent. The committee's efforts not only fostered collaboration and problem solving but also provided a platform for students to demonstrate their skills in a competitive and professional setting.

### Details of Organized Event:

Sr. No.	Event Name	Dates
1	VCET Hackathon 2024–25	04/10/2024 & 05/10/2024

### Event Statistics:

Total Teams Participated: 45

Total Participants: 215

### Committee's Motto and Mantra:

- To Orient Students Towards Building a Team.
- To Orient Students Towards Innovative Thinking.
- To Expose Students to Professional Business Applications.
- To Drive Students Towards Tireless Pursuit of Problem-Solution.

**Dr. Archana Ekbote  
Coordinator, Hackathon**



## ITECH

ITECH is the departmental committee at VCET dedicated to empowering aspiring engineers by broadening their understanding of emerging technologies. The committee actively oversees technical initiatives and supports the academic interests of engineering students, fostering a culture of innovation and continuous learning.

Our mission goes beyond merely imparting knowledge. It is to create an environment where students can explore, invent, and stay in tune with the latest technological trends. We believe that true innovation stems from dynamic human interaction, through discussion, debate, and collaboration, which inspires teams of dedicated students to contribute meaningfully to the ITECH Magazine and Newsletter.

Taking a significant leap forward, ITECH has transformed its signature publication 'LOGIN: to Explore' into a fully digital platform, with all articles now accessible through the VCET website. Additionally, the committee has launched a departmental Newsletter, featuring updates and insights on cutting-edge advancements in the global technology landscape.

### Committees Motto and Mantra:

#### Motto:

"Driven by Curiosity, Defined by Innovation."

#### Mantra:

"We believe in learning beyond the classroom, exploring beyond the known, and building a future driven by passion, purpose, and technology."

Hence the magazine gives the glimpses of recent technological enhancements and showcases the talents and achievements of students and faculties.

**Ms. Jessica Falcao  
Staff In-charge, ITECH**



## NSDC

**Short Description of the committee:** The National Student Data Corps (NSDC) Committee is a forward-thinking, multidisciplinary body established to promote accessible and inclusive data science education for learners of all levels. Formed under the Northeast Big Data Innovation Hub, the committee unites professionals, educators, and students from diverse academic, industrial, and nonprofit backgrounds who share a common mission—to democratize data science knowledge and ensure that every student, regardless of background or resources, can participate in the data-driven world. The committee plays a vital role in designing, guiding, and sustaining NSDC initiatives that reach learners from underserved institutions, remote regions, and nontraditional educational settings. It actively supports the creation and growth of NSDC Chapters—local, institutional, and community-based groups that foster collaborative learning, mentorship, and project-based research. Through these chapters, the committee encourages a global culture of curiosity and innovation, connecting students, mentors, and professionals who are passionate about solving real-world challenges with data. Each member of the committee brings unique expertise and leadership that contributes to the overall strategy of the NSDC. They help develop open educational resources, organize workshops, webinars, and data science challenges, and create pathways for internships and career development. The committee's approach is rooted in the principles of inclusivity, ethics, and practical application, ensuring that learners not only gain technical skills but also understand the societal impact and responsibility that come with data-driven decision-making. By bridging the gap between education and industry, the NSDC Committee continues to build a supportive ecosystem where learning, collaboration, and innovation thrive. Its ongoing

efforts inspire thousands of students to engage with data science as a tool for positive change—driving progress in fields such as healthcare, environment, public policy, and technology. With its vision of empowering every learner to think critically and act responsibly, the committee remains a cornerstone of the NSDC's mission to make data science education equitable, sustainable, and impactful worldwide.

**Details of organised event (Between 01/07/2024 - 30/06/2025):**

Sr. No.	Event Name	Dates
1	Seminar on “NVIDIA Edge AI Device and Computer Vision”	30/8/2024
2	Logo Design Competition	3/9/2024
3	Code-o-Fiesta	20/9/2024
4	TechX - Product Showcase	27/9/2024
5	Guest Lecture on “AI in Industry”	7/10/2024
6	Techblitz	21/3/2025
7	VNPS	4/4/2025
8	Oscillation	5/4/2025



### Committees Motto and Mantra:

The guiding motto of the National Student Data Corps (NSDC) Committee is “*Data Science for All Empower, Educate, Elevate.*” This reflects its deep commitment to making data science education inclusive, accessible, and impactful for every learner, regardless of their background or academic discipline. The committee’s mantra emphasizes collaboration, curiosity, and community. It believes that the power of data should not be confined to experts alone but shared widely to drive innovation and positive change. By fostering open learning environments, mentorship networks, and real-world applications, the committee inspires students to explore data as a means of solving global challenges. Through its initiatives, the NSDC Committee continues to uphold its belief that knowledge grows stronger when shared, and that true progress comes from collective learning and ethical responsibility. Its members strive to cultivate a new generation of thinkers and leaders who use data wisely to empower communities, strengthen institutions, and create a more informed and equitable world.

**Mrs. Sejal D’mello  
Staff In-charge, NSDC**

## EBSB COMMITTEE

### Short Description of the committee:

The Ek Bharat Shreshtha Bharat (EBSB) committee is a flagship initiative by the Government of India, aimed at promoting national integration and strengthening the fabric of unity amidst the country’s rich diversity. At its core, the committee strives to foster mutual understanding and cultural exchange between states, and in our institution, it focuses on enhancing the bond between Maharashtra and Odisha.

The EBSB committee works to bridge cultural gaps and provide students with an in-depth understanding of the traditions, customs, art, and history of both states. Through various activities, the committee creates platforms for students to experience the unique cultural identities of Maharashtra and Odisha, fostering a spirit of unity, respect, and national pride. These initiatives not only educate but also inspire students to appreciate the diverse cultural landscape of India, promoting inclusivity and social harmony.

The committee organizes a series of engaging

events that encourage creativity, intellectual growth, and collaborative learning. By participating in these events, students develop essential skills, including leadership, teamwork, and cultural empathy. The EBSB committee’s activities aim to create cultural ambassadors who uphold the values of unity and diversity, contributing positively to society.

### Details of organised event (Between 01/07/2024 - 30/06/2025):

The year’s activities began with Jigyasa 3.0, an inter-departmental quiz competition designed to test students’ knowledge of the rich cultural heritage of Maharashtra and Odisha. Teams of three students each participated in this intellectually stimulating event, competing through multiple rounds that covered a broad spectrum of topics. Questions explored various aspects of the two states, including history, festivals, art forms, literature, and notable personalities.

The competition included rounds that challenged participants’ factual knowledge and quick



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thinking, fostering a spirit of healthy competition and collaborative learning. Topics ranged from the Bhakti movement in Maharashtra, focusing on figures like Sant Tukaram and Shivaji Maharaj, to the significance of the Jagannath Rath Yatra in Odisha. The students demonstrated enthusiasm and cultural awareness, making the event an engaging and educational experience. The Computer Department emerged victorious, showcasing their depth of knowledge and teamwork. Jigyasa 3.0 was more than a competition; it was a celebration of the shared heritage and distinct cultural identities of Maharashtra and Odisha.

The second event, Shabdankan, an essay competition, was held in three languages - English, Hindi, and Marathi. Students from different language backgrounds took part and shared their thoughts on national topics. The event celebrated the beautiful cultures of Odisha and Maharashtra. It fostered an understanding of unity, mutual respect, and appreciation for India's rich cultural diversity.

The participants showcased their talents through a collage-making competition, presenting intricate and beautifully detailed works that highlighted the unique cultural aspects of both states. The competition encouraged students to express their creativity and respect for traditional art forms. The atmosphere was filled with enthusiasm and reverence, as students engaged deeply with the cultural narratives behind their creations. Chitra sangam, the collage making competition, not only fostered artistic expression but also promoted the preservation of traditional craftsmanship, reinforcing the importance of cultural heritage in contemporary times.

The final event of the year was Kala Sangam, the Open Mic event, was a fun and lively event where students got a chance to show their talents in poetry, storytelling, music, skits, and more. From

emotional songs to creative poems and powerful stories, every performance kept the audience engaged and entertained. The event gave students a great opportunity to express themselves and connect with India's rich cultural heritage.

It reflected the participants' creativity, and attention to detail of the rich cultural legacy of Odisha and Maharashtra. It was an educational journey that allowed students to connect with history and heritage on a deeper level. The event fostered a sense of pride and respect for India's architectural heritage, encouraging students to appreciate the importance of preserving cultural monuments and traditions.

#### List of Events:

Sr. No.	Event Name	Dates
1	Jigyasa 3.0	2/10/2024
2	Shabdankan	2/10/2024
3	Chitra Sangam Collage Making Competition	20/2/2025
4	Kala Sangam Open Mic	20/2/2025



#### Committee's Motto and Mantra:

The EBSB committee operates with the motto, "Unity in Diversity," reflecting the importance of embracing cultural differences and fostering mutual respect. Through its various initiatives, the committee encourages students to explore diverse traditions, promoting a sense of national unity and shared heritage.

The committee's mantra, "**Inspire. Innovate. Implement,**" embodies its core values. The committee aims to inspire students by exposing them to the richness of India's cultural landscape, encouraging them to innovate through creative expression and intellectual engagement. Finally, it emphasizes the importance of implementing these learnings in everyday life, encouraging students to become ambassadors of unity and cultural preservation.

**Dr. Archana Ekbote**  
**Coordinator, EBSB**

## MICROSOFT LEARN STUDENT CLUB - MLSC

#### Short Description of the committee:

The Microsoft Learn Student Club (MLSC) is a technical club dedicated to elevating the coding culture at Vidyavardhini College of Engineering and Technology. We focus on mentoring and motivating members to refine their critical thinking, logical reasoning, and coding skills to help them excel. We offer to spread technical knowledge about current advancements through a peer-to-peer learning strategy. As a club, we are composed of like-minded individuals who encourage students to develop and volunteer in open-source projects, participate in various technical events, and conduct comprehensive seminars.

#### Details of organised event (Between 01/07/2024 - 30/06/2025):

Sr. No.	Event Name	Dates
1	Python Fundamentals Skill workshop	27/7/2024
2	Mission career Seminar	23/9/2024
3	Product Showcase	27/9/2024
4	Git Going Workshop	9/10/2024
5	Skill Trifecta	25/11/2024
6	Coherence '25	28/3/2025



### Committees Motto and Mantra:

"Learn Together. Build Together."

At Microsoft Learn Student Club VCET, we believe in nurturing a collaborative learning environment where students grow by sharing knowledge, exploring new technologies, and working on impactful projects. The club emphasizes practical learning through teamwork, mentorship, and open-source contributions, helping members turn their ideas into meaningful innovations.

### Git Going workshop

A hands-on workshop introducing students to GitHub, version control, and collaborative coding through practical exercises, with E-certificates awarded on completion.

### Skill Trifecta

Empowered students to gain industry-ready skills in AI, Data Science, and Version Control through Microsoft Learn, earning certificates that boost their tech careers.

### Coherence '25

A 24-hour offline hackathon by MLSC-VCET, offering a ₹1,00,000 prize pool and a platform for students to innovate, collaborate, and showcase their tech skills.

### Mission Career seminar

Global Opportunities Seminar in collaboration with Mission Career, guided students on studying and interning abroad, offering key insights on scholarships, visas, and global career paths.

### Product showcase

An engaging event where participants explored and presented Microsoft's innovative products, demonstrating their features, use cases, and real-world impact through creative presentations.

**Mr. Raunak Joshi**  
**Staff In-charge, MLSC**

**Mr. Sridhar Subramanian**  
**Staff In-charge, MLSC**



## NSS COMMITTEE

### Short Description of the Committee:

The National Service Scheme (NSS) Committee, established in 1969 under the Ministry of Youth Affairs and Sports, is a nationwide voluntary organization that mobilizes millions of young students for impactful community service. Its mission is to instill volunteerism and social responsibility in youth while addressing community needs and promoting civic engagement. NSS promotes causes like cleanliness, hygiene, and empathy, inspiring students to use their potential to uplift the less fortunate. Volunteers are committed to helping those in need, enhancing their standard of living, and empowering them to lead lives of dignity. Through these efforts, NSS drives both personal and societal transformation.

### Details of organized event (Between 01/07/2024 - 30/06/2025):

Between 2024 and 2025, the National Service Scheme (NSS) organized various impactful events to promote community development, environmental awareness, health, and national pride. Yoga awareness through Yoga Day (June 2024) promoted mental and physical well-being, while the Tribal Day Celebration (August 2024) and Reel Making Competition (August 2024) encouraged cultural pride and creativity. Social outreach like the Rakhi Collection (August 2024), Orphanage Visit (August 2024), and Umang Special School Visit (August 2024) reflected inclusivity and compassion. National values were celebrated through Independence Day (August 2024) and FE Orientation (August 2024), while innovation and sustainability were highlighted in the Young Innovators Support Program Seminar (August 2024) and Post Ganesh Chaturthi Pollution Awareness Seminar (September 2024). Clean-up efforts such as Shramdaan (September 2024), and Beach Cleanup Drive (September 2024) promoted environmental responsibility.

Health and sustainability events like the Blood Donation Camp (September 2024) and Solar Ambassador Workshop (October 2024) encouraged life-saving participation, and energy awareness. Service-focused events such as Mega Donation Collection (October 2024), Unity Day (October 2024), and Agastya Foundation School Visit (October 2024) reflected social commitment. Democratic and digital education were promoted through Constitution Day (November 2024), and the Social Media HIV/AIDS Awareness Drive (December 2024). Mega Donation Distribution Drive (December 2024) supported underprivileged communities in collaboration with the Maratha Foundation. Digital Awareness was strengthened through the Cybersecurity Seminar (December 2024), while the Viksit Bharat Challenge Quiz (December 2024) engaged students in national development topics. Reading Culture was promoted with Vachan Sankalp (January 2025), and School Outreach was expanded through School Connect 2.0 (January 2025). Coastal Cleanup efforts continued with the Beach Cleanup Drive (January 2025), Patriotism was celebrated during Republic Day (January 2025), and Public Participation was encouraged through the Cycle Rally (January 2025). Vasai Fort Heritage Walk (February 2025) emphasized historical awareness, and cultural heritage. Sanitary Pads Donation Collection (February 2025) promoted menstrual hygiene and supported underprivileged women. Raise Your Voice (February 2025) initiative empowered students to speak out on social issues. Seminar on Eye Donation and Eyecare (February 2025) educated participants on the significance of vision health and voluntary eye donation. Various impactful events such as Gandhi Jayanti (October 2024), Teacher's Day (September 2024), NSS Day (September 2024), Agastya Foundation School Visits (October 2024), and National Youth Day



(January 2025) were actively conducted, and promoted through engaging Instagram stories. Volunteers also participated in activities like poster making and essay writing during occasions such as World Cancer Day (February 2025), Indian Army Day (January 2025), World Earth Day (April 2025), and National Women's Day (February 2025). Events like the Blood Donation Camp Preparation (September 2024), Tree Plantation (October 2024), and Voting Awareness (November 2024) were also highlighted to ensure maximum outreach and awareness through social media.

In rural outreach, NSS conducted activities in Makunsar Village, Saphale, focusing on health, education, and social responsibility. The initiative began with an inauguration, and a motivational lecture by a PSI officer, followed by a health and fitness rally, and a medical check-up camp for villagers. Volunteers conducted surveys, screened educational films for students, and engaged in cultural activities like rangoli-making, and bhajan-kirtan to foster community bonding. Educational efforts included seminars by college principals, career counseling, and first aid drills, while literary and sports events were organized across pre-primary, primary, and secondary levels. Environmental and civic contributions were made through tree plantation, Shramdaan for soil and wheat cleaning, and science experiment sessions. Supportive actions like pad donation, a Mega Donation drive, and visits to the old age home reinforced NSS's mission of service. The outreach concluded with a closing ceremony celebrating the collective efforts of volunteers and villagers.

These activities highlighted NSS's commitment to fostering personal and community growth through volunteerism, health awareness, environmental conservation, and national unity.

Sr. No.	Event Name	Dates
1	Yoga Day	21/6/2024
2	Tribal Day Celebration	9/8/2024
3	Reel Making Competition	09/08/2024 - 12/08/2024
4	Rakhi Collection	09/08/2024 - 13/08/2024
5	Orphanage Visit	10/8/2024
6	Independence Day	15/8/2024
7	FE Orientation	22/08/2024, 04/09/2024
8	Umang Special School Visit	29/8/2024
9	Young Innovators Support Program Seminar	31/08/2024, 03/09/2024
10	Teacher's Day	5/9/2024



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11	Post Ganesh Chaturthi Pollution Awareness Seminar	6/9/2024
12	Shramdaan	18/9/2024
13	Beach Cleanup Drive 1	21/9/2024
14	Blood Donation Camp Preparation	22/09/25 – 24/09/2025
15	NSS Day	24/9/2024
16	Blood Donation Camp	25/9/2024
17	Solar Ambassador Workshop	2/10/2024
18	Gandhi Jayanti	2/10/2024
19	Agastya Foundation School Visit 1	3/10/2024
20	Mega Donation Collection	4/10/2024 - 11/10/2024
21	Agastya Foundation School Visit 2	10/10/2024
22	Tree Plantation	25/10/2024
23	Unity Day	31/10/2024

24	Voting Awareness through Social Media	20/11/2024
25	Constitution Day	26/11/2024
26	Social Media HIV/AIDS Awareness Drive	1/12/2024
27	Mega Donation Distribution (Maratha Foundation)	2/12/2024
28	Viksit Bharat Challenge Quiz	10/12/24 - 12/12/2024
29	Cybersecurity Seminar	20/12/2024
30	Organ Donation Awareness Program	04/01/2025 - 31/01/25
31	Vachan Sankalp	6/1/2025
32	School Connect 2.0	10/1/2025
33	National Youth Day (Essay Writing)	12/1/2025





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34	Indian Army Day (Poster Making)	15/1/2025
35	International Education Day	24/1/2025
36	Beach Cleanup Drive 2	26/1/2025
37	Republic Day Celebrations	26/1/2025
38	Cycle Rally	31/1/2025
39	World Cancer Day (Poster Making)	4/2/2025
40	National Women's Day	13/2/2025
41	Vasai Fort Heritage Walk	15/2/2025
42	Sanitary Pads Donation Collection	20/02/2025 - 2/03/2025
43	Raise Your Voice	21/2/2025
44	Seminar On Eye Donation & Eyecare	25/2/2025
45	World NGO Day	27/2/2025

46	Inauguration at Makunsar Village, Saphale	3/3/2025
47	PSI Officer Seminar at Makunsar Village, Saphale	3/3/2025
48	Rally on Health and Fitness at Makunsar Village, Saphale	4/3/2025
49	Health Check-up Camp at Makunsar Village, Saphale	4/3/2025
50	Survey on Waste Management at Makunsar Village, Saphale	4/3/2025





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51	Educational Film Screening at Makunsar Village, Saphale	4/3/2025	57	Visit to Old Age Home at Makunsar Village, Saphale	5/3/2025
52	Rangoli at Makunsar Village, Saphale	4/3/2025	58	Lecture by passout student at Makunsar Village, Saphale	6/3/2025
53	Educational Guidance Seminar by the Principal of Vartak College at Makunsar Village, Saphale	4/3/2025	59	Pre-primary Literary and Sports at Makunsar Village, Saphale	6/3/2025
54	Secondary Literary and Sports Activities	5/3/2025	60	Pre-Primary Felicitation at Makunsar Village, Saphale	6/3/2025
55	Seminar on "Abhyas Ka Wa Kasa Karava?" at Makunsar Village, Saphale	5/3/2025	61	Primary Literary and Sports at Makunsar Village, Saphale	6/3/2025
56	Seminar on "Abhyas Ka Wa Kasa Karava?" at Adarsh Vidyamandir, Kelve Village	5/3/2025	62	Primary Felicitation at Makunsar Village, Saphale	6/3/2025
			63	Tree Plantation Drive at Makunsar Village, Saphale.	6/3/2025



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64	BEE Lecture at Adarsh Vidyamandir, Kelve Village	6/3/2025	70	Shramdaan (Weed Cleaning) at Makunsar Village, Saphale	7/3/2025
65	Career Counseling Session at Adarsh Vidyamandir, Kelve Village	6/3/2025	71	Secondary Felicitation at Makunsar Village, Saphale	7/3/2025
66	Shramdaan (Soil Erosion Control) at Makunsar Village, Saphale	6/3/2025	72	Science Experiment Demonstration at Makunsar Village, Saphale	7/3/2025
67	First Aid Drill & Disaster Management Seminar at Makunsar Village, Saphale	6/3/2025	73	Sanitary Pad Donation Drive at Makunsar Village, Saphale	7/3/2025
68	Seminar on Women Safety by Police officer at Makunsar Village, Saphale	6/3/2025	74	Team building Activities at Makunsar Village, Saphale	7/3/2025
69	Mega Donation Drive at Makunsar Village, Saphale	6/3/2025	75	Health Awareness Seminar at Makunsar Village, Saphale	7/3/2025
			76	Bhajan Kirtan at Makunsar Village, Saphale	8/3/2025



77	Closing Ceremony at Makunsar Village, Saphale	8/3/2025
78	Seminar on Drug Abuse	9/4/2025
79	National Pet Day	11/4/2025
80	World Heritage Day	18/4/2025
81	World Earth Day (Poster Making)	22/4/2025
82	Malaria Day Awareness	25/4/2025

**Committees Motto and Mantra:**

The National Service Scheme (NSS) motto, "*Not Me, But You*," embodies the principle of selfless service, and altruism. It urges volunteers to prioritize the welfare of others and their community over personal gains. This motto has become a guiding principle for NSS volunteers, inspiring them to participate in a wide range of community service activities, promote social responsibility, and cultivate empathy and unity across diverse backgrounds. Ultimately, "*Not Me, But You*" symbolizes the NSS mission of fostering both personal growth, and societal transformation through volunteerism, and the spirit of giving.

**Dr.Pradip Gulbhire  
Program Officer, N.S.S**





## PR (PUBLIC RELATIONS)

### Short Description of the committee:

As once Jeremy Bentham said "*Publicity is the very soul of justice. It is the keenest spur to exertion, and the surest of all guards against improbity*". and We firmly believe in this at Vidyavardhini's College of Engineering & Technology, Vasai. Our PR (Public Relations) Team is an example of the amazing influence that well-managed public relations can have. We are proud to share our journey and accomplishments while representing our college to the world.

Our Public Relations team takes responsibility for VCET's public image and works hard to connect the college with a larger audience. We ensure that every significant moment at VCET is shared with the world through articles, live videos, and media coverage thanks to strategic collaborations with media partners. We extend our heartfelt gratitude to our esteemed Principal, Dr. Rakesh Himte, for entrusting us with this pivotal role in representing our institution.

We have had the opportunity to cover and feature major events at VCET over the years, including VNPS, VCET Product Showcase, Degree Certificate Distribution Ceremony, and many more. These occasions have not only highlighted the extraordinary abilities and accomplishments of our teachers and students, additionally they have also helped VCET achieve recognition and grow its profile in the academic community.

One of our proudest achievements has been the collaboration with esteemed media partners such as Lokmat, Loksatta, Maharashtra Times, Lokshahir, ZEE 24 Taas, and others.

We have had the honor of having multiple articles published in these esteemed newspapers thanks to these partnerships, which has increased VCET's visibility even more. Furthermore, we have had the privilege of having these media outlets visit our campus, and providing a window into the dynamic and vibrant atmosphere that characterizes VCET for the global audience.

### Committees Motto and Mantra:

The PR (Public Relations) Team at VCET is dedicated to building a strong and positive image of the college. Through media collaborations, event coverage, and strategic storytelling, we ensure that VCET's achievements and milestones reach a wider audience. Our goal is to showcase the vibrant and dynamic culture of our institution while strengthening its reputation in the academic world.

**Dr. Archana Ekbote  
Staff In-charge, PR Team**



## TEAM VCET CENTURIOS

### Short Description of the team:

VCET Centurions, a team from Vidyavardhini's College of Engineering and Technology, is dedicated to manufacturing ATVs with the assistance of local vendors. The team regularly participates in national-level competitions such as QBDC and Quad Torc. Team Centurions provides a platform for enthusiastic students from different branches who strive to uphold hard work, dedication, and teamwork to help solve the various problems and learn through them during design, manufacturing, testing, and presentation. Thus, the team provides a suitable and rich environment for the members to help each other to grow and develop as engineers.

The team has competed in the National Level Quad Torc and QBDC competition with 3 expertly crafted ATVs since 2016. The team's vision is to contribute to the growth of the agriculture sector and off-road motorsports in India for a better future. They strive to enhance the learning experience of students by applying engineering principles and concepts in the process of building ATVs. The team's mission is to promote innovation and continuously improve its designs.

Quad Torc is an off-road design challenge that provides an opportunity for students to conceive, design, and fabricate a four-wheel configuration quad bike (ATV) powered by a 250cc engine under a set of rules and regulations.

Quad Bike Design Challenges (QBDC) is the one-of-a-kind competition that offers engineering students an exceptional opportunity to dive deep into the fascinating world of vehicle design.

Whether you dream of designing the next groundbreaking quad bike or simply wish to

broaden your engineering knowledge, QBDC provides the ideal platform to fulfil your aspirations.

The Competition involves competing in an off-road category of ATV vehicles in areas of

- Engineering design
- Overall cost
- Feasibility
- Dynamic performance

The purpose of this competition is to encourage students to gain hands-on exposure to off-road ATVs while applying engineering concepts, collaborative learning, and mentorship from Industrial experts.

**Details of organised event (Between 01/07/2024 - 30/06/2025):**

Sr. No	Event Name	Dates
1	QBDC, Hyderabad -2nd AIR -1st Rank in Endurance	20/08/2024 - 27/08/2024



### Committees Motto and Mantra:

"Team Centurion's motto, "Built for the ultimate limits, victory is our goal". We take pride in pushing the boundaries of engineering design and off-road capability. Every vehicle they create is crafted with the knowledge that it must endure rugged terrains, unpredictable weather, and extreme physical stress. Once the design is perfected, it moves to the manufacturing phase, where every part of the ATV is carefully constructed and assembled with precision. We value craftsmanship as much as engineering theory, ensuring that every bolt, weld, and component is flawlessly executed. Mantra, "Precision, Power, Performance", serves as a constant reminder of the qualities they strive to imbue into each machine. The vehicles are built not only to survive but to conquer the challenges of off-road competition.

**Mr. Kamlesh Bachkar**  
**Staff In-charge, Team Centurions**

## IEEE COMMITTEE

### Short Description of the committee:

The IEEE Student Branch (IEEE-SB) at Vidyavardhini's College of Engineering and Technology (VCET) continues its mission to bridge academic learning with real-world applications. Throughout the academic year 2024–2025, the committee organized a series of technical, creative and industrial events aimed at enhancing students' professional and technical growth. Each initiative was designed to promote innovation, teamwork and leadership among budding engineers.

The year began with Think Aloud on 9th August 2024, followed by a Logo Making Competition on 3rd September 2024, encouraging creativity and design thinking among students. Anveshan'24, held on 27th September 2024, served as a platform for students to showcase innovative product ideas. To provide hands-on industrial exposure, IEEE-SB organized visits to Evergreen Engineering Co. Pvt. Ltd. on 3rd

October 2024 and CETTM, Powai on 22nd January 2025.

The committee also conducted an engaging Arduino Workshop on 5th February 2025 and a FE Quiz on 7th February 2025, fostering technical curiosity and knowledge sharing. In celebration of National Science Day on 11th March 2025 and the Application and Game Development event on 27th March 2025, students demonstrated creativity and practical coding skills.

VCET's flagship events, VNPS'25 – National Level Project Showcase on 4th April 2025 and Oscillations'25 – National Level Technical Paper Presentation on 5th April 2025, provided platforms for innovation and academic excellence. These were followed by industrial visits to Transpower Solutions, Vasai on 8th April 2025 and Mazgaon Dockyard on 9th April 2025, enhancing students' understanding of industrial operations. The technical session "Unveiling Neural Networks through Image Processing," held on 16th April



# ANANTAM

EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE



April 2025, helped students explore AI and computer vision concepts.

Through this diverse range of activities, IEEE-SB VCET successfully fostered a culture of technical excellence, creativity and collaboration, preparing students to become future-ready engineering professionals.

**Details of organised event (Between 01/07/2024 - 30/06/2025):**

Sr. No.	Event Name	Date
1	Think Aloud	9th August 2024
2	Logo Making Competition	3rd September 2024
3	Anveshan'24	27th September 2024
4	Industrial Visit: Evergreen Engineering Co.Pvt. Ltd	3rd October 2024

5	Industrial Visit: CETTM, Powai	22nd January 2025
6	FE Quiz	7th February 2025
7	Arduino Workshop	5th February 2025
8	National Science Day	11th March 2025
9	Application and Game Development	27th March 2025
10	VNPS'25 VCET's National Level Project Showcase	4th April 2025
11	Oscillations' 25- National Level Technical Paper	5th April 2025
12	Industrial Visit to Transpower Solutions, Vasai	8th April, 2025
13	Industrial Visit Mazgaon Dockyard	9th April 2025



# ANANTAM

EXPRESSIONS BEYOND TIME,  
ECHOES BEYOND SPACE



14	Unveiling neural networks through image processing	16th April 2025
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**Committees Motto and Mantra:**

*"Empowering tomorrow's engineers through knowledge, innovation and collaboration."*

The IEEE Student Branch (IEEE-SB) inspires students to explore the vast world of technology, encouraging them to grow through hands-on learning, innovation and collaboration. It serves as a dynamic platform that connects classroom concepts with real-world applications, enabling students to gain practical insights and technical confidence. The committee promotes interdisciplinary thinking, industry exposure and continuous self-improvement through various workshops, industrial visits and interactive sessions with experts.

By nurturing curiosity, creativity and a problem-solving mindset, IEEE-SB helps students develop essential professional and leadership skills required in today's rapidly evolving engineering landscape. Through its initiatives, the branch not only enhances technical competence but also builds a community of motivated learners who are ready to take on future challenges and contribute meaningfully to society.

**Dr. Sunayana Jadhav**  
**Student Branch In-charge, IEEE**



## TEAM ETHAN RACING ELECTRIC

### **Short Description of the committee:**

Team Ethan Racing is a group of undergraduate students who participate in the International Engineering design competition called Formula Student. The team aspires to leave an indelible mark in the world of Formula Student Racing and aims to establish a strong network among Indian teams and showcase its skills in conceptualizing, designing, manufacturing, and testing formula-style race cars.

The team has competed in the National Level Formula Bharat competition with five conventional cars, one prototype of an electric vehicle (EV), and one EV car since 2014. The team's vision is to contribute to the growth of electric mobility in India for a better future. They strive to enhance the learning experience of students by applying engineering principles in the process of building a formula-style race car. The team's mission is to promote innovation and continuously improve their designs.

The purpose of the Annual FSEV concept challenge is to provide teams with an opportunity to conceptualize and design a Formula Student Electric Vehicle. Formula Bharat is an Indian Formula Student engineering design competition in which teams from various colleges and universities across the country compete.

The Competition involves competing a life-size formula-style vehicle in areas of

1. Engineering Design
2. Overall Cost
3. Marketability
4. Dynamic Performance

The purpose of this competition is to encourage students to gain hands-on practical experience, while applying engineering theories studied in the classroom.

### **Committees Motto and Mantra:**

Team Ethan's motto, 'Strength in Innovation, Excellence in Motion,' embodies our dedication to innovative engineering and unwavering commitment to excellence in the dynamic world of Formula Student racing. Our mantra, 'Steadfast Progress, Endless Innovation, Formula for Success,' underscores our relentless pursuit of progress, fostering a culture of endless creativity and institutionalizing innovation while aspiring to secure higher positions in Formula Bharat. We aim to inspire young minds to pursue engineering and set a standard for success through knowledge sharing, clear communication, and a steadfast approach to building superior Formula-Style Cars.

**Mr. Kamlesh Bachkar**  
**Faculty Advisor, Team Ethan Racing Electric**



## TEAM VCET SOLECTHON

### Short Description of the committee:

Team Solecthon is a student-driven initiative dedicated to building solar-electric hybrid vehicles that combine performance, efficiency, and safety with sustainability. Functioning like a real-world start-up within the campus, it brings together students from Mechanical, IT, Electronics, Computer, AI & DS, and CSE DS Engineering.

The team is structured into specialized subdomains - Chassis & Body works, Powertrain, Brakes, Suspension, Steering, Business Plan, PR & Sponsorship, and Autonomous Vehicle Systems - ensuring both technical depth and professional exposure.

Overall, the year has been remarkable for **Team VCET Solecthon**. The team not only achieved significant milestones in design, innovation, and performance but also strengthened its foundation through teamwork, dedication, and a spirit of continuous learning. With every challenge faced and every success earned, the members have demonstrated perseverance, technical expertise, and passion for sustainable mobility.

The accomplishments of this year serve as a stepping stone toward even greater goals in the future. As the team looks ahead, the focus remains on pushing the boundaries of technology, embracing innovation, and proudly representing VCET on national and international platforms.

*Together, we drive change – towards excellence, sustainability, and a brighter tomorrow.*

### Details of organised event (Between 01/07/2024 - 30/06/2025):

In academic Year 2024-25 Team participated in following events-

Sr. No.	Event Name	Dates
1	SEVC 2025, Coimbatore	27/3/2025
2	Innovation, St. Xavier's COE Mumbai	5/4/2025

In SEVC 2025, the team showcased an extraordinary performance and bagged the following awards and achievements-

1. B-Plan
2. Best Female Member Award
3. Best Inspiring Faculty Award
4. Static Champion
5. Hovering and Drag
6. Maneuverability
7. Brakes and Acceleration
8. Endurance in HEV Category
9. HEV Dynamic Champion
10. Overall Champion in all categories  
(Rank 1 National Level)

### Committees Motto and Mantra:

With the motto “A step towards sustainability,” Solecthon aligns with India’s vision of reducing carbon emissions and promoting e-mobility. Beyond competitions, the team organizes workshops, training sessions, and exhibitions to spread awareness of EVs, clean energy, and industry opportunities.



Expanding into autonomous vehicle research, Solechthon now explores AI, sensor fusion, and embedded systems. More than a competition team, it is a platform for innovation and leadership, preparing students to become pioneers in green mobility and smart systems.

**Mr. Dipak J Choudhari**  
**Faculty In-charge, Team VCET Solechthon**

## PLACEMENT AND TRAINING COMMITTEE

**Short Description of the committee:** The Training & Placement (T&P) Committee at Vidyavardhini's college of Engineering and Technology is a body which is responsible for carrying out all placements-related activities. We are a team of highly dedicated faculties and students who work for a common goal of obtaining the desired placement offers for the students in terms of both profiles and organizations to work with. The Placement Committee looks into tasks like student skills development, soft skills training, student's skills-job mapping and placement related event organizing. Apart from these tasks, T&P also conducts mock group discussions and interviews which equip the students to face the placement interviews and be industry ready. The Placement Committee also plays an important role in developing and sustaining a long-term mutually beneficial relationship with the industry.

Accordingly, for the academic year 2024-25, we conducted the following training and Seminars for the students.

1. Campus Recruitment Training by Campus Credential for 3rd Year Students.
2. Mock Group Discussion and Personal Interviews for Final Year Students under CRT Training
3. Aspiring Minds Continuous assessment tests..

4. Soft skills development Program.
5. Competitive Exams Awareness Programs
6. Industrial Internships for students
7. Guidance Seminars on Higher Studies

We had several breakthroughs this year as 192 offers were made to students by 79 companies. Various students also got elite offers in various companies with the highest offer being 40 LPA. The average salary offered is 3.70 LPA.

We at the Training & Placement cell are striving to take this alliance with industry at a higher level with passage of each year. We at VCET have tied up with Aspiring Minds, India's leading online assessment and hiring platform for PRE-ASSES tests and campus placements, and Campus Credential which is a training institute providing Campus recruitment training and employability skill training.

### Achievements for the Year 2024-25:

1. Institute got TCS Priority accreditation.
2. Establishment of AICTE IDEA LAB
3. The highest package of ₹40 LPA was secured by Jitendra Prajapati at ElevenLabs, while Dhrish Parekh received a package of ₹30 LPA at Induced.



**Placement Details:**

Branch	Students Placed
Mechanical Engineering	38
Computer Engineering	35
Information Technology	30
Electronics And Telecommunications Engineering	18
Civil Engineering	12
Computer Science And Engineering (Data Science)	24
Artificial Intelligence And Data Science	24
Structural Engineering	2
MMS	9

**Training and Placement Cell Staff Team:**

Sr. No.	Name	Position
1	Dr. Rakesh Himte	Principal
2	Mr. Prafulla Patil	Placement Manager
3	Mr. Sanket Patil	Training and Placement Officer

4	Mr. Vikrant Kothari	Placement Coordinator
5	Dr. Viren Chandanshive	
6	Mr. Mukund Kavekar	
7	Mr. Kamlesh Bachkar	
8	Ms. Ashwini Katkar	
9	Ms. Anagha Patil	
10	Ms. Snehal Mhatre	
11	Ms. Sweety Patil	
12	Mr. Rujuta Vartak	
13	Ms. Janisa Pereira	
14	Ms. Odilia Gonsalves	
15	Ms. Sneha Mhatre	
16	Ms. Brinal Colaco	
17	Mr. Rowland Lopes	



## CSI COMMITTEE

### Short Description of the committee:

The **Computer Society of India (CSI)** is the first and largest body of computer professionals in India, with its VCET students chapter established in 2003. As a prestigious technical committee, CSI-VCET is committed to fostering a strong coding culture and enhancing students' technical skills. It represents a joint initiative of the departments of Computer Engineering, IT, and CSE(DS), organizing various activities to help students stay abreast of technological trends and developments in the IT industry.

To achieve its objectives, CSI-VCET conducts technical seminars, workshops, coding competitions, project showcases, and other interactive sessions. These events introduce students to emerging technologies, provide hands-on learning opportunities, and encourage collaboration and networking. CSI not only focuses on empowering students with technical expertise but also promotes holistic development, inspiring them to transform ideas into impactful projects. By being part of CSI-VCET, students gain valuable experience, develop innovative solutions, and become part of a vibrant community of future leaders and innovators in technology, preparing them to excel in their professional journeys.

### Details of organized event (Between 01/07/2024 - 30/06/2025):

The Computer Society of India (CSI) organized several impactful events to promote technical excellence and bridge the gap between academia and industry. These included Abacus, Elixir, and Product Vidya, which showcased industry-driven products. The initiative continued with seminars on 'The Future of AI' with Yotta Shakti Cloud, 'A Pragmatic Guide to Distributed Systems,' and 'Unlocking Business Intelligence with

Tableau', along with events such as VNPS 2025 and Oscillations 2025, all designed to foster creativity and enhance technical skills.

**Product Showcase** is an exciting event where students present products sourced directly from the industry, offering a unique opportunity to explore real-world innovations. The event is divided as follows: Abacus by the Computer Engineering Department, showcasing cutting-edge tech solutions; Elixir by the IT Department, featuring advanced IT products; and Product Vidya by the CSE(DS) Department, focusing on data science and analytics-driven products. This event bridges academic learning with industry trends, allowing students to engage with and learn from the latest technological advancements

The Seminar on "**Future of AI with Yotta Shakti Cloud**" provided an insightful look into the future of artificial intelligence powered by the Yotta Shakti Cloud platform. Students learned about scalable AI models, cloud infrastructure, and the deployment of real-time AI. The session equipped participants with knowledge about leveraging cloud-based AI technologies to innovate and build intelligent applications.

The Seminar, "**A Pragmatic Guide to Distributed Systems.**" This seminar offered a practical introduction to the core concepts of distributed systems, including fault tolerance, scalability, and consensus algorithms. Students gained hands-on insights into designing robust distributed architectures, preparing them to tackle complex problems in modern computing environments.

The Seminar on "**Unlocking Business Intelligence with Tableau**" focused on data visualization and analytics. This seminar introduced students to Tableau, a leading business intelligence tool.



Participants learned how to convert data into compelling visual stories and create interactive dashboards, gaining skills essential for data-driven decision-making and business analysis.

VidyaVardhini's **National Level Project Showcase (VNPS)** 2025 is a prestigious annual competition where students present their innovative projects across various disciplines such as cloud computing, AI, IoT, and more. VNPS provides a platform for receiving valuable feedback from industry experts and peers, fostering creativity, collaboration, and technical excellence. It inspires students to push boundaries and gain significant exposure within the tech community.

**Oscillations** is a technical paper presentation competition. This event provides a platform for students to research and submit papers on topics related to various engineering and IT fields. Participants get the opportunity to showcase their work, receive feedback from experts, and engage in meaningful discussions.

Sr. no.	Event Name	Dates
1	Abacus	27/9/2024
2	Elixir	27/9/2024
3	Product Vidya	27/9/2024

4	Seminar on "Future of AI with Yotta Shakti Cloud"	5/9/2025
5	Seminar on "A Pragmatic Guide to Distributed Systems"	5/2/2025
6	Seminar on "Unlocking Business Intelligence with Tableau"	18/2/2025
7	Oscillations	4/4/2025
8	VNPS	5/4/2025

#### Committee's Motto and Mantra:

The CSI committee is dedicated to empowering students by bridging the gap between theoretical knowledge and practical application in the ever-evolving world of technology. Its motto, "**Empowering Students with Knowledge, Technology, and Innovation,**" underscores its commitment to equipping students with the skills and expertise needed to excel in cutting-edge fields, paving the way for successful and fulfilling careers.



The mantra, "*Inspire. Innovate. Implement,*" encapsulates the committee's core values. It strives to ignite creativity and curiosity in students by exposing them to groundbreaking technological advancements, fosters a culture of innovation by encouraging them to think critically and solve real-world challenges, and emphasizes hands-on learning to help them transform ideas into impactful solutions. Through its initiatives, CSI ensures students are not only prepared for industry demands but also inspired to become future leaders and change-makers in technology.

**Dr. Swati Varma**

**Branch Counsellor (COMP)**  
**CSI-VCET**

**Ms. Maya Varghese**

**Branch Counsellor**  
**(CSE(DS))**  
**CSI-VCET**

**Ms. Pragati Patil**

**Branch Counsellor (IT)**  
**CSI-VCET**

## VMEA

### **Short Description of the committee:**

The Vidyavardhini's Mechanical Engineers Association (VMEA), established in 2000, is one of the oldest and most active technical student bodies of Vidyavardhini's College of Engineering and Technology (VCET). Built entirely on the enthusiasm and dedication of its members, VMEA has been a driving force in fostering innovation, teamwork, and leadership among budding mechanical engineers.

The association regularly organizes a variety of technical and co-curricular events, including Product Showcases, Quiz Competitions, Project Exhibitions, and Technical Seminars. These initiatives provide students with a platform to sharpen their problem-solving skills, present innovative ideas, and stay updated with the latest trends in engineering and technology.

By being part of VMEA, students gain hands-on experience, develop innovative solutions, and become members of a vibrant community of future leaders and innovators. This exposure not only enhances their technical and managerial abilities

but also prepares them to excel in their professional journeys.

With its legacy of over two decades, VMEA continues to be a symbol of creativity, knowledge-sharing, and excellence within the Mechanical Engineering Department, inspiring every new batch to carry forward its tradition of learning and innovation.

### **Details of organised event (Between 01/07/2024 - 30/06/2025):**

The Vidyavardhini's Mechanical Engineers Association (VMEA) had an eventful academic year, successfully organizing impactful programs to enhance technical learning, creativity, and industry interaction.

#### **1. Condition Monitoring Workshop (19th September 2024)**

Led by Mr. Hemant Madhukar Bari, this session introduced students to predictive maintenance techniques such as vibration analysis,



It highlighted the role of monitoring in reducing downtime, improving efficiency, and ensuring industrial safety

#### **2.MechExpo'25 – Product Showcase (27th September 2024)**

The annual flagship event provided SE, TE, and BE students a platform to present innovative products and projects. Students interacted with industry experts, explored emerging technologies, and experienced hands-on learning beyond the classroom.

#### **3.Seminars on Challenges and Advantages in Industrial Careers: To prepare students to take up problems and make them industry ready & Mastering the Art of Research Writing: Research Proposal & Academic Paper (27th September 2024)**

In the first session, “Challenges and Advantages in Industrial Careers: To prepare students to take up problems and make them industry ready” Mr. Amrut Arole and Mr. Akshay Salunkhe shared insights on career challenges and opportunities in the industry. The second seminar, “Mastering the Art of Research Writing: Research Proposal & Academic Paper” conducted by Dr. Amit Malgol (NIT Kerala), guided students on research proposal writing, literature reviews, and academic publishing, preparing them for research excellence.

#### **4.HVAC & IoT for Energy Efficiency Seminar (7th March 2025)**

Delivered by Mr. Omkar Sawant, this seminar emphasized the fundamentals of HVAC systems and the integration of IoT with Building Management Systems (BMS). Students gained knowledge about sustainable design and energy-efficient solutions in modern industries.

#### **5.VNPS'25 – National Level Project Showcase(4th April 2025)**

This event gave students a platform to display innovative projects and practical solutions to real-world problems. With participation from across disciplines, the showcase encouraged teamwork, problem-solving, and industry-academia collaboration.

#### **6.Oscillations'25(5th April 2025)**

A platform for research paper and project presentations, Oscillations fostered technical excellence and student innovation. Participants presented ideas before a distinguished panel of judges from academia and industry, receiving valuable feedback and recognition.

Together, these initiatives enriched students’ technical knowledge, creativity, and professional readiness, reaffirming VMEA’s role in shaping future-ready engineers.

Sr. No.	Event Name	Dates
1	MechQuiz	5/9/2024
2	Condition Monitoring Workshop	19/9/2024
3	MechExpo'24	27/9/2024
4	Seminar on Challenges and Advantages in Industrial Careers: To prepare students to take up problem and make them industry ready	27/9/2024



5	Seminar on Mastering the Art of Research Writing: Research Proposal & Academic Paper	27/9/2024
6	Seminar on HVAC & Its Applications: Leveraging Building Management Systems & IoT for Energy Efficiency	7/3/2025
7	VNPS'25	4/4/2025
8	Oscillation'25	5/4/2025

**Committees Motto and Mantra:**

**Motto:**

"Empowering Mechanical Minds through Knowledge, Innovation, and Industry Connect."

**Mantra:**

VMEA, along with organizing events, focuses on building the core technical knowledge of students, enabling them to develop a strong technical perspective. It creates opportunities for student members to interact with industries, enhance their communication skills, and gain valuable practical insights.

**Ms. Priti S. Vairagi,  
Staff In-charge, VMEA**



## TEAM YANTRIKA

### **Short Description of the committee:**

Team Yantrika, the official robotics team of Vidyavardhini's College of Engineering & Technology (VCET), is a student-driven, multidomain team passionate about building intelligent robots, automation systems, and innovative embedded solutions. Established in 2019, the team provides a collaborative platform for students to explore creativity, innovation, and hands-on experience through practical projects and competitions. With a mission to harness innovation and teamwork to push the boundaries of technology, Team Yantrika believes in learning through experimentation and collaboration across different fields. The team turns creative ideas into real, functional robotic systems. With expertise in embedded systems, control systems, and automation, its members work together to design and build advanced robots that showcase precision, intelligence, and technical expertise.

Throughout the academic year 2024–25, Team Yantrika actively participated in several national and inter-college robotics competitions, achieving notable success. The team secured first place in the Line Follower Bot event at the SPIT Bot Combat League and also performed well in Robosoccer, achieved a Top 5 position at IIT Jodhpur's Prometeo 2025, and won first place in RoboMaze at Megaleio 2025 hosted by St. John College of Engineering, completing the maze in just three minutes and thirty-one seconds. The team also emerged as semi-finalists in the e-Yantra 2023–24 competition organized by IIT Bombay, gaining valuable experience in ROS, image processing, embedded systems, and control algorithms. Additionally, members showcased innovative projects at the VNPS Track 2 Project Showcase, achieving notable positions while demonstrating innovation and technical expertise.

Overall, Team Yantrika reflects VCET's focus on innovation and hands-on learning, turning engineering ideas into impactful robotic solutions.

### **Details of organised event (Between 01/07/2024 - 30/06/2025):**

Sr. No.	Event Name	Dates
1	VNPS Track 2	4/4/2025
2	Techniverse 2025- L. R. Tiwari College	29/3/2025
3	Bot Combat League 2025-SPIT	22/3/2025
4	Megaleio 2025- St. John College	8/3/2025
5	Prometeo 2025 – IIT Jodhpur	17/01/2025-19/01/2025



### Committees Motto and Mantra:

*“Automating the World, One Bot at a Time”*,

Over the past few years, robotics, automation, and embedded systems have become the head of engineering innovation, capturing the interest of students and professionals worldwide. At Team Yantrika, we aim to turn this fascination into reality by designing, building, and programming intelligent robots capable of tackling complex real-world challenges.

Our projects include line followers, maze solvers, RC car and embedded technology applications, all focused on pushing the boundaries of innovation and practical problem-solving.

Looking ahead, Team Yantrika continues to expand its capabilities in autonomous technology, AI integration, and sustainable robotics. With consistent participation in national and international competitions, the team strives to represent VCET and India, turning ambitious ideas into impactful engineering solutions.

**Ms. Shaista Khanam**  
**Faculty In-charge, Team Yantrika**

## CORE CODING CLUB (C3)

**Short Description of the committee:** The **Core Coding Club (C3)** is a student-driven technical committee dedicated to enhancing the coding proficiency of its members and preparing them for successful placements through a focus on collaborative learning, consistency, and industry exposure. The club conducts weekly coding challenges on **HackerRank**, providing members with regular opportunities to strengthen their problem-solving and algorithmic thinking skills.

To promote inclusivity and active participation, C3 organizes exclusive webinars and events, to inspire students to explore the world of coding and innovation. C3 also bridges the gap between academic learning and industry expectations through **C3 Katta**, an interactive discussion that connects students with professionals and alumni. Many notable sessions were led by alumni, who shared their expertise in technical problem-solving, offering valuable insights into coding strategies and interview preparation. Furthermore, C3 collaborates with prominent technology organizations to provide industry-oriented learning experiences. The club hosted a **Citius Cloud webinar on Kubernetes**, giving members exposure to modern cloud technologies, and organized a Women's Day Seminar that celebrated women coders and encouraged their active participation in tech.

It also conducted technical talks featuring experts from various Companies helping students understand real-world software engineering workflows and best practices. In addition, the club's Cloud Computing Group encourages members to explore emerging domains, enhancing their readiness for modern tech environments. Through these initiatives, C3 has cultivated a dynamic community of learners who collaborate, innovate,



and grow together—bridging the gap between theory and practice while nurturing confident, industry-ready professionals equipped with strong technical and problem-solving abilities.

**Details of organised event (Between 01/07/2024 - 30/06/2025):**

Sr. No.	Event Name	Dates
1	Weekly Coding Sessions	26/7/2024
2	Cloud Computing Group	8/8/2024
3	CitiusCloud Seminar	23/1/2025
4	Women's day seminar	8/3/2025
5	Placement session for companies	7/6/2025
6	Coding session with experts	10/6/2025

**Committee's Motto and Mantra:**

The Core Coding Club (C3) stands by the motto “**Code. Collaborate. Conquer.**”, reflecting its vision to nurture problem solvers who learn, grow, and innovate together. C3 believes that true learning happens through collaboration and consistency, where every member is encouraged to challenge themselves and explore the endless possibilities of technology. The committee’s mantra emphasizes the values of teamwork, curiosity, and perseverance, inspiring members to stay committed to continuous learning and creative thinking.

Through coding sessions, webinars, and knowledge-sharing initiatives, C3 fosters an environment that transforms ideas into impactful solutions and knowledge into practical expertise. By promoting inclusivity and technical excellence, the committee aims to bridge the gap between theory and real-world application. C3 motivates its members to embrace challenges, adapt to evolving technologies, and work collectively toward achieving professional growth. With every line of code written and every problem solved, the Core Coding Club reaffirms its dedication to empowering students to become confident, skilled, and industry-ready innovators who embody the spirit of collaboration and lifelong learning.

**Mr. Chandan Kolvankar  
Staff In-charge, C3 Club**



## IETE

### Short Description of the committee:

The Institution of Electronics and Telecommunication Engineers (IETE) is a prominent professional society in India dedicated to advancing science, technology, electronics, telecommunication, and information technology. The IETE student forum at Vidyavardhini's College of Engineering and Technology plays an active role in organizing events to supplement academic learning and provide practical exposure for students. This report summarizes the key activities and achievements of the IETE student forum during the 2024-25 academic year. During the year, the IETE student forum organized several events, including industrial visits and workshops.

### Details of organised event (Between 01/07/2024 - 30/06/2025):

Sr. No	Event Name	Dates
1	Workshop on PT-51 microcontroller (in association with IIT Bombay Well Lab)	03-07-2024 To 07-07-2024
2	Online Workshop on STM-32	3/8/2024
3	Industrial Visit to Process Precision Instruments, Vasai	09-08-2024 & 10-08-2024

5	ANVESHAN'24	27/9/2024
6	Hands-on Workshop on PGA	29-01-2025, 31-01-2025 & 05-02-2025, 14-02-2025
7	Robotics Workshop for Junior College Students	31/1/2025
8	IETE Students' Day Seminar	21/2/2025
9	Electroforge: Robotics Workshop	8/3/2025
10	VNPS'25	4/4/2025
11	Oscillations'25	5/4/2025
12	Industrial Visit to Transpower Solutions, Vasai	8/4/2025



A Workshop on '**PT-51 Microcontrollers**' in association with **IIT Bombay Well Lab** was organized from 3rd July to 14th July, 2024. This workshop introduced participants to basic microcontroller programming, interfacing, and embedded system applications. Hands-on sessions with LEDs and peripherals enhanced practical skills, fostering innovation in embedded technology.

An online workshop on '**STM-32 Microcontroller**' was conducted on 3rd August, 2024. The online STM32 workshop aimed to help students with their mini projects while introducing them to microcontroller applications. It covered STM32 basics, development tools, and practical coding to enhance embedded system skills.

An Industrial Visit to '**Process Precision Instruments, Vasai**', was organized on 9th and 10th August, 2024. This industrial visit provided students with practical insights into industrial processes, technologies, and instrumentation operations. They learned about the role of precision instruments in ensuring accuracy and efficiency in sectors like pharmaceuticals, chemicals, and research.

A Seminar on '**NVIDIA Edge AI Device and Computer Vision**' in association with VCET NSDC was conducted on 30th August, 2024. This seminar introduced participants to its architecture, features, and real-time applications. It included live demos and hands-on sessions using DeepStream and Generative AI. The session aimed to build practical skills in edge computing and software stacks for real-world projects.

'**ANVESHAN'24**', a product showcase where over 13 leading companies presented cutting-edge innovations across industries, was organized by IETE-SF in association with IEEE-SB in honour of Engineers' Day on 27th September, 2024. The event bridged industry and academia, giving students

valuable exposure to emerging technologies and real-world insights

A workshop on '**FPGA**', was organized on 29th & 31st January 2025 and 5th and 14th February, 2025. This workshop introduced participants to digital logic design, hardware programming, and the role of FPGAs in high- speed computing. Hands-on sessions with Xilinx and VirtualBox helped students build and debug basic digital circuits. The workshop enhanced technical skills through real-world applications and optimization strategies

A '**Robotics Workshop for Junior College Students**', was organized in association with Texas Instruments and Innovations Lab on 31st January, 2025. The workshop aimed to spark interest in robotics through hands-on learning, where students explored engineering basics and built robots using Arduino and Texas Instruments tools.

A Seminar on '**The Power of Embedded Systems: From Microcontrollers to Career Prospects**', was organized on 21st February, 2025 on the occasion of **IETE Students' Day**. This highlighted the importance of Embedded Systems in today's technology- driven world. It focused on the role of embedded systems in automation and smart solutions, helping students understand key concepts like microcontrollers and sensor interfacing.

'**Electroforge: A Robotics Workshop**', was organized for **First Year Students** in association with Texas Instruments and Innovation Lab on 8th March, 2025. This workshop introduced students to Arduino programming and sensor-based robotics. Participants built obstacle-avoidance and line-following robots, gaining hands-on experience in automation and embedded systems.

'**VNPS – A National Level Project Showcase**', was organized by VCET in association with student chapters like IEEE, IIC, CSI, IETE, VMEA, ISHRAE, IGBC, and NSDC on 4th April, 2025.



Students from across the country presented projects across diverse engineering domains. The event fostered creativity, collaboration, and real-world problem-solving.

**'Oscillations'25 – A National Level Technical Paper Presentation'**, was organized by VCET in association with student chapters like IEEE, IIC, CSI, IETE, VMEA, ISHRAE, IGBC, and NSDC on 5th April, 2025. The event provided a platform for students to present innovative research and technical papers across various engineering fields. It encouraged knowledge exchange, critical thinking, and academic excellence among participants from diverse institutions.

An Industrial Visit to '**Transpower Solutions, Vasai**', was organized for Second Year Students on 8th April, 2025. This visit provided students with hands-on exposure to electronics manufacturing, lighting solutions, and smart technologies. Students gained insights into product development, power efficiency, and career opportunities in electronics design.

#### **Committees Motto and Mantra:**

"Empowering Students through Engineering Excellence in Technology and Human Development".

The committee's motto revolves around fostering student empowerment through cutting-edge engineering and technological expertise, nurturing both personal growth and societal advancement. Our focus lies in cultivating excellence in technology-related disciplines, fostering innovation, and shaping well-rounded individuals. Committed to equipping college students with the skills and knowledge for societal progress and holistic human development."

**Dr. Sunayana Jadhav,**  
**Staff In-charge, IETE**

**Dr. Shaista Khanam,**  
**Staff In-charge, IETE**



## ISHRAE

### Short Description of the committee:

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE has a total of 61 chapters/sub-chapters, including 6 international chapters. Additionally, membership count stands at over 25000 which includes both regular and student members.

It is led by a team of elected officers, who are members of the Society, working on a voluntary basis, and collectively called the Board of Governors.

ISHRAE-VCET Students Chapter was installed in Vidyavardhini's College of Engineering and Technology in the Department of Mechanical Engineering in 2009.

### Opportunities for ISHRAE members

1	Installation of office bearers
2	A Quest Quiz
3	Job Junction
4	HVAC&R Hackathon
5	National Students Design Competition (NSDC)
6	Global Student Poster Design Competition

7	Student Research Project Grant upto Rs 50,000 per group
8	Work in Acrex as volunteer
9	E-Journal
10	Webinar
11	Invitation to all ISHRAE National level Conferences, Workshops, Training Programmes

### Details of organised events (Between 01/07/2024 - 30/06/2025):

Sr. No.	Event Name	Dates
1	Industrial visit at “Ice factory, Pachbandar, Vasai”	21/3/2025
2	Expert session on “India’s Leadership in Embracing Net Zero”	2/4/2025
3	ISHRAE Quizathon 2025	7/4/2025



4	MechExpo'25	27/3/2025
5	VNPS'25	4/4/2025
6	Oscillation'25	5/4/2025

#### **Industrial visit at “Ice factory, Pachubandar, Vasai” (21st March 2025)**

Pachubandar Ice factory is situated near the coastal area of Vasai is a major supplier of Ice cubes for preservation of fish. The purpose of the visit was to study various components of the ice factory and understand the concept behind it. Students had to go through various stages of ice preparations and storage of ice in the factory.

#### **Expert session on “India's Leadership in Embracing Net Zero” (2nd April 2025)**

Speaker for the session was Mr. Bhavesh Mehta who is IGBC fellow, ISHRAE life member. Presently working as Vice President - Business Development at Asawa Insulation Pvt ltd Navi Mumbai.

In the session, Mr. Bhavesh talked about India's first platinum rated green building i.e. IGBC Headquarters, Hyderabad. Environmental benefits of green building were explained. The concept of Net Zero i.e. lowest energy demand & high energy efficiency was explained. Sir also explained the top 10 net zero energy.

#### **ISHRAE Quizathon 2025 (7th April 2025)**

The ISHRAE VCET Students Chapter organized an engaging Quiz competition called the "ISHRAE Quizathon" on April 7, 2025. This event was designed to pique the interest of Mechanical Engineering students from all years in the topics of Heating, Ventilation, Air Conditioning, and Refrigeration (HVAC&R). A total of 52 students from various academic levels eagerly participated and cash prizes were awarded.

#### **MechExpo'25 – Product Showcase (27th September 2024)**

The annual flagship event provided SE, TE, and BE students with a platform to present innovative products and projects. Students interacted with industry experts, explored emerging technologies, and experienced hands-on learning beyond the classroom. This activity promotes peer learning.

#### **VNPS'25 – National Level Project Showcase (4th April 2025)**

This event gave students a platform to display innovative projects and practical solutions to real-world problems. With participation from across disciplines, the showcase encouraged teamwork, problem-solving, and industry-academia collaboration.

#### **Oscillations'25 (5th April 2025)**

A platform for research paper and project presentations, Oscillations fostered technical excellence and student innovation. Participants presented ideas before a distinguished panel of judges from academia and industry, receiving valuable feedback and recognition.

Together, these initiatives enriched students' technical knowledge, creativity, and professional readiness, reaffirming ISHRAE's role in shaping future-ready engineers.



### Committees Motto and Mantra:

1. Continuing education of Members and other interested persons in the said sciences through Lectures, Workshops, Product Presentations, Publications and Expositions.
2. Rendition of career guidance and financial assistance to students of the said sciences.
3. Encouragement of scientific research.

**Mr. Rishabh Melwanki,**  
**Staff In-charge, ISHRAE**

## INDIAN GREEN BUILDING COUNCIL-IGBC

### Short Description of the committee:

The Indian Green Building Council (IGBC) is a technical committee within the civil engineering department for the development of the student. IGBC student chapter has been a part of the department since its inception in 2020. From its birth, the IGBC student chapter actively organizes various technical events such as the Product Showcase, Project Showcases and different workshops related to civil engineering for the awareness and advancement in technologies pertaining to civil engineering. The Product Showcase is celebrated every year on Engineer's Day successfully. Additionally, the participation and interaction of the IGBC student chapter with other technical committees for the national-level Project Showcase are outstanding. The council offers a wide array of services which include developing new green building rating programs, certification services and green building training programs. The council also organizes Green Building Congress, its annual flagship event on green buildings. Membership in the student chapter provides its member students with a unique reach and access to resources that provides a certain competitive edge. By becoming a member of IGBC, VCET students join a community of professionals who chart the green building path for India. The council is committee-based, member-driven and consensus-focused.

All the stakeholders of the construction industry comprising architects, developers, product manufacturers, corporate, government, academia and nodal agencies participate in the council activities through local chapters. The council also closely works with several State Governments, Central Government, World Green Building Council, bilateral and multilateral agencies in promoting green building concepts in the country.



Details of organized event (Between 01/07/2024 - 30/06/2025):

Sr. No.	Event Name	Dates
1	NIRMITI 2024 - Product Showcase	27/9/2024

**Committees Motto and Mantra:**

IGBC aims to eliminate the communication gap between the industry and the educational system by offering a robust sharing platform. Alumni, businessmen, entrepreneurs, and college students have a unique chance to get engaged in the advancement of sustainable development, smart building, and the promotion of new construction methods in India. The committee organizes a technical fest “NIRMAAN” which presents unique challenges and helps them to utilize their engineering knowledge in real life. The success of an event is always about the combined efforts and zeal of the participants, the organizing committee, student volunteers, and faculty members, and such is the case with the members of this committee.

**Dr. Viren Chandanshive  
Staff In-charge, IGBC**



**5**

**PHOTO**

**GALLERY**

## Literati - The Literary Club

VIDYAVARDHINI'S COLLEGE OF  
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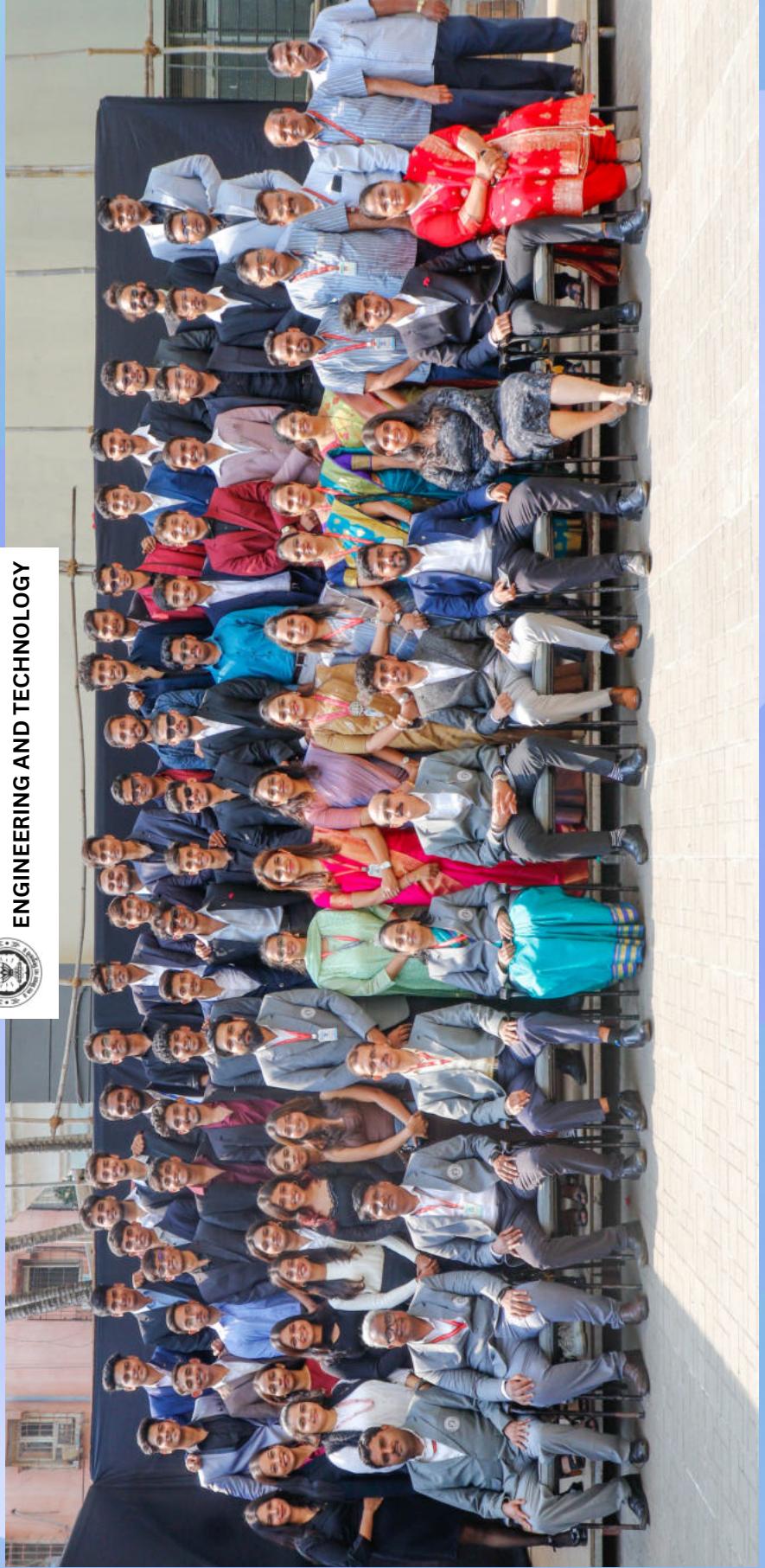
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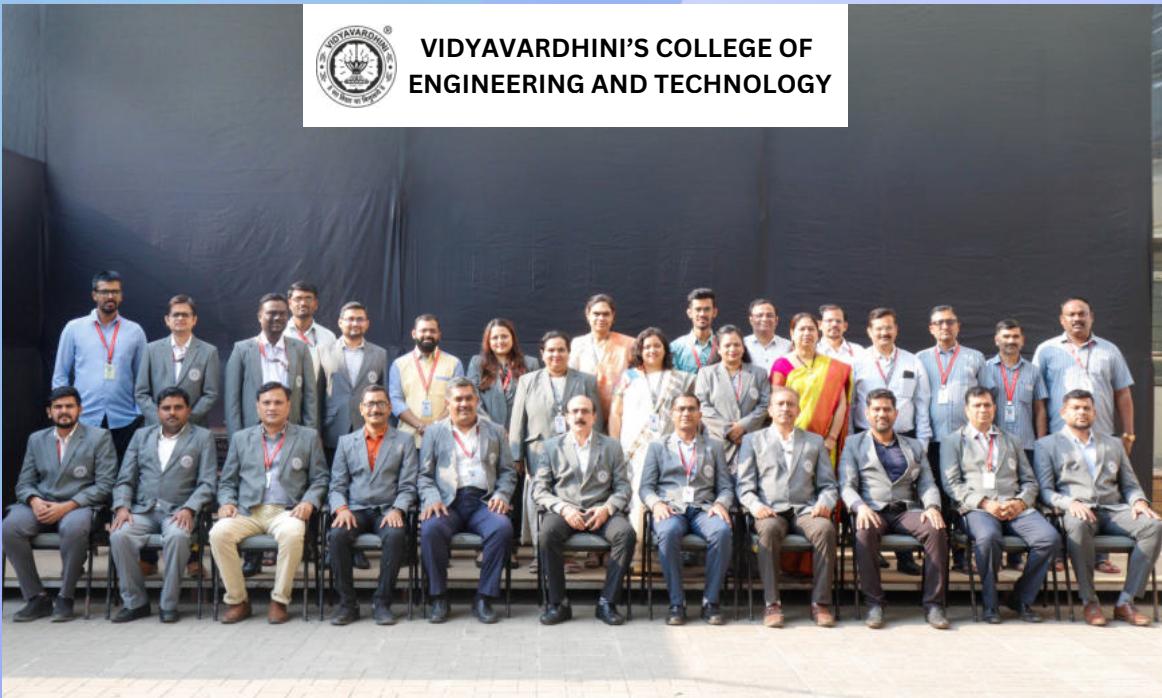
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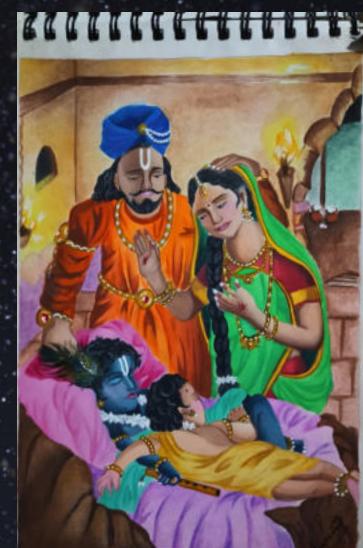
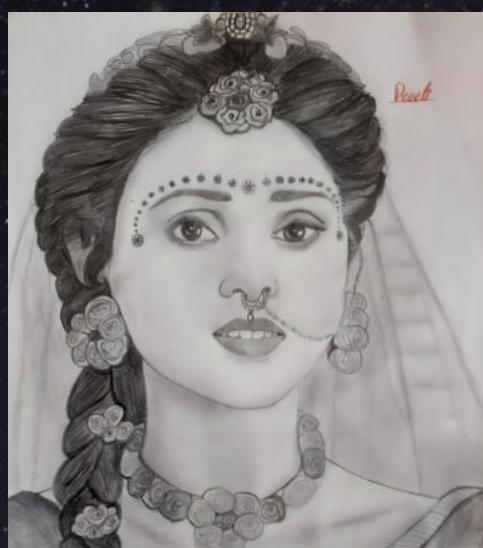


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Post-Ganesh Chaturthi Pollution Awareness Seminar, 2024-25



Independence Day, 2024-25

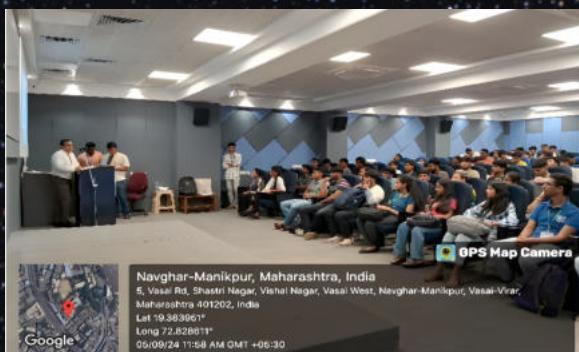


Umang Special School, 2024-25



Orphanage Visit, 2024-25

# CSI COMMITTEE



# VMEA



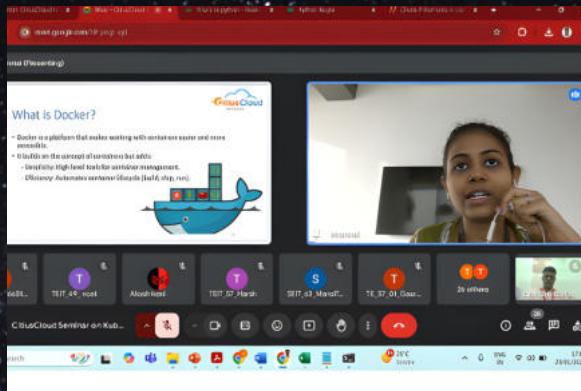
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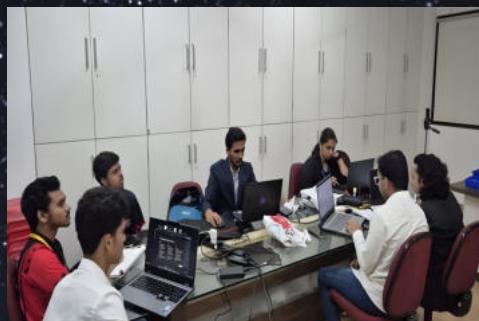
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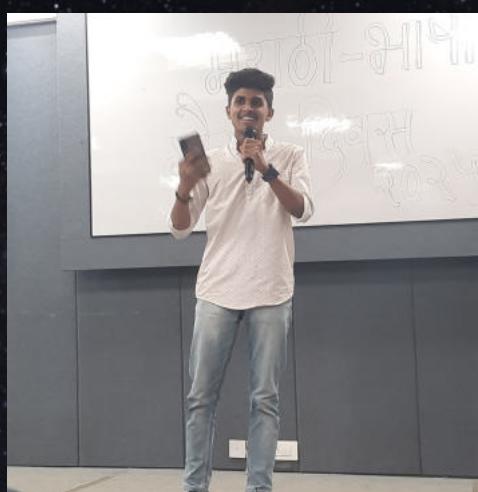
# IGBC



# GLIMPSES OF CAMPUS LIFE



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