

2025-2026 Volume 11 Issue 01

KSHITIJ

DEPARTMENT OF
CIVIL ENGINEERING, PCCOE

ASPRING TO INSPIRE THE LEADERS OF
TOMORROW AND BRING MEANINGFUL
CHANGE



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VISION AND MISSION

VISION OF THE INSTITUTE

To serve the Society, Industry and all the stakeholders through Value-Added quality Education.

MISSION OF THE INSTITUTE

To serve the need of society at large by establishing state-of-the-art Engineering, Management, Research Institute and impart Attitude, Knowledge and Skills with quality Education to develop individuals and teams with the ability to think and analyse right values and self-reliance.

VISION OF THE DEPARTMENT

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

MISSION OF THE DEPARTMENT

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

PEOS OF CIVIL ENGINEERING

- To impart sound academic fundamentals among the students to formulate, analyze and solve civil engineering problems.
- To develop students' ability to adopt and apply recent trends in civil engineering.
- To prepare students for the challenging needs of the civil engineering profession and higher academic pursuits.
- To develop professional ethics among students for functioning as an individual or in a team for betterment of society and environment.

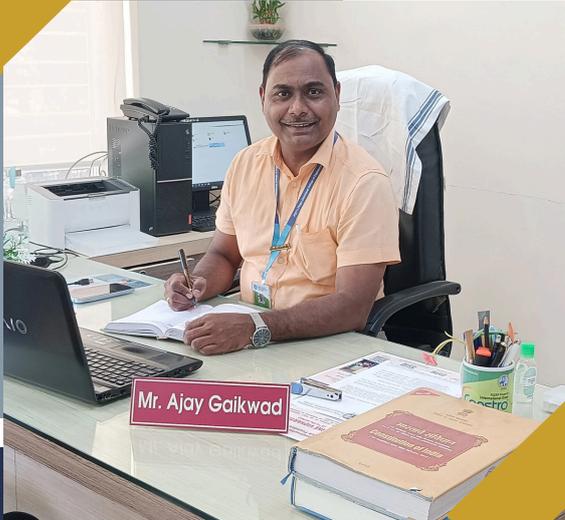
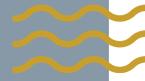
PSOS OF CIVIL ENGINEERING

- The graduate will be able to apply necessary Civil Engineering knowledge, skill sets for quality construction work in infrastructural and industrial development.
- The graduate will be able to demonstrate skill sets required for entrepreneur in civil engineering.

POS OF CIVIL ENGINEERING

- Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex civil engineering problems.
- Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, physics, chemistry and engineering geology.
- Design solutions for complex civil engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex Civil engineering activities with an understanding of the limitations.
- Apply reasoning informed by the contextual knowledge to assess societal issues like water management, waste management, air & water pollution, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Demonstrate knowledge and understanding of the Civil engineering and Construction management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Message



DR. A. K. GAIKWAD

HOD, Department of Civil Engineering, PCCoE



At our department, we prioritize the holistic development of our students through innovative teaching and learning methodologies. Our primary objective is to cultivate a cadre of qualified, competent, and employable civil engineering graduates, ready to meet the evolving demands of both industry and society. Through comprehensive curriculum for our UG and PG program, based on five principles as Contemporariness, Market Demand, NIRF needs, Uniqueness, and Flexibility. The curriculum is designed in accordance with the guidelines set by UGC, AICTE, and SPPU, ensuring that it meets the Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). Comprehensive training and exposure to emerging technologies, we aim to equip our students with the necessary knowledge and skills across various domains of Civil Engineering. Our dedicated faculty, comprising highly qualified professionals, is committed to nurturing the next generation of engineers, instilling in them the values of excellence and adaptability. Together, we strive to bridge the gap between academia and industry, ensuring that our graduates/postgraduate are well-prepared to make meaningful contributions to the field of Civil Engineering and beyond.

Meet

04

EDITORIAL



Yugandhar Tapkir
Editor in Chief



Sumedha Dharrao
Editor in Chief



Rutuja Dige
Executive Editors



Aarti Chopade
Executive Editor



Utkarsh Tekale
Executive Editor

"Meet the team that turned ideas into stories and stories into a magazine."

CIVIL ENGINEERING DEPARTMENT PROGRESS HIGHLIGHTS | AY 2025–26 (SEMESTER I) |

Academic Excellence & Delivery

- *Consistent academic monitoring was conducted across Second Year, Third Year, and Final Year B.Tech Civil students, ensuring steady attendance trends and academic engagement.*
- *100% syllabus coverage was achieved across all UG years, including core subjects, laboratories, professional electives, open electives, proficiency courses, and multidisciplinary modules.*
- *The curriculum strongly integrated emerging areas such as:

 - *Generative AI*
 - *Data Science & Statistical Analysis using R*
 - *3D Printing & Modeling**



Student Performance & Results

- *Final Year B.Tech Civil students demonstrated excellent academic outcomes, with:

 - *Over 92% students clearing all subjects*
 - *Nearly 46% securing Distinction**
- *Second and Third Year students showed steady performance, with a high overall success rate including ATKT, reflecting effective academic support and mentoring.*

Industry Collaboration & MoUs

- *The department maintains strong industry–institute collaboration through multiple MoUs with:*
- *Construction and infrastructure firms*
- *Research foundations*
- *Environmental and sustainability organizations*
- *Establishment of a Centre of Excellence in 3D Concrete Printing, promoting cutting-edge research, innovation, and practical exposure.*
- *Active student chapters such as the Indian Geotechnical Society, enhancing technical knowledge and industry interaction.*



Industry Exposure & Experiential Learning

- **Multiple site visits and industrial visits were conducted for all UG years, including:**
 - **Water Treatment Plants, STPs, E-waste recycling facilities**
 - **Urban water cycle exploration in Pune**
 - **National-level industrial study tour covering Chandigarh, ATAL Tunnel, Amritsar, and Wagah Border**
- **These visits strengthened students' understanding of real-world civil engineering applications, sustainability practices, and large-scale infrastructure systems.**

ACHIEVEMENTS

CIVIL DEPT. PCCOE



VARUN BHANGALE B. TECH

- Won 1st Place at IIM Bangalore Venix – Young Entrepreneur Summit 2025 as the youngest winner among 300+ participants from Top Premier Management institutes of India .
- Youngest Entrepreneur Of the Year 2025 Maharashtra in Innovation and Technology
- Secured 3rd Place in IFAT 2024 University Challenge with an innovative wastewater management solution for smart cities.
- Grabbed 1st Place in Kirloskar Sustainability Event India 2024

ACHIEVEMENTS

07

CIVIL DEPT. PCCOE

Manasvi Chandrakant Gawade B. TECH

Received Second Price in
Kirloskar Vasundhara Video
making Competition



ADITYA AGHAV & SIDDHESH DESAI B. TECH

First Runner up in Paper
Presentation Competition
organized by MIT-WPU in
2024



SITE VISITS



CWPRS VISIT 14/06/25



DIMBHE DAM VISIT (SY) 26/09/25

INDUSTRIAL VISITS



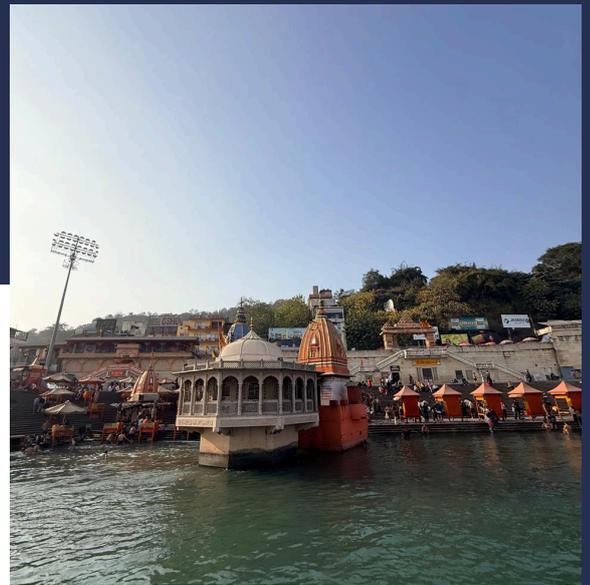
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NAINITAL

RISHIKESH



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NEW DELHI

GUEST LECTURE *Under spardha MES*



**ER. YUVRAJ GARJE
(PCCOE,ALUMNUS,BATCH-21-25)**



**SAMRUDDHI PATIL
(JR. ENGINEER, CONSTRUCTION
DEPARTMENT, PCMC)**

GUEST LECTURE Under spardha MES



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q26+xp, Sector No. 26, Pradhikaran, Nigdi, Pimpri-chinchwad, Maharashtra
1044, India
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3/09/2025 09:59 AM GMT +05:30

**IMPERIAL ACADEMY
(MR.PARESHGUGALE)**



**ER. AKASH NAGANE
(AE-II,WRD,GOM)**



**ER. OMKARSHENDURE
(AEE, WRD, GOVT. OF MAHARASHTRA)**

TEAM CiESA



Divya Patil
TY
EXECUTIVE
OFFICER



Aditya Aghav
B.Tech
PRESIDENT



Mrs. Kanchan Dhapekar
M.Tech (Structures)
FACULTY
CO-ORDINATOR



Shrawani Palav
B.Tech
VICE-PRESIDENT



Omkar Shevkari
TY
EXECUTIVE
OFFICER



Varun Gejegaonkar
SY
FINANCE OFFICER



Ashish Patil
SY
FINANCE OFFICER



Rutuja Dige
SY
PRE EXECUTIVE
OFFICER



Omkar Pachore
SY
POST EXECUTIVE
OFFICER



Laksh Jain
SY
POST EXECUTIVE
OFFICER



Yugandhar Tapkir
SY
DOCUMENTATION
OFFICER



Sumedha Dharrao
SY
DOCUMENTATION
OFFICER



Vivaan Sangpal
SY
PRE EXECUTIVE
OFFICER



Sarangsing Ingle
SY
INVENTORY
MANAGEMENT



Kaivalya Dhaygude
SY
SOCIAL MEDIA TEAM



Yogesh Japkar
SY
SOCIAL MEDIA TEAM



Utkarsh Tekale
SY
SOCIAL MEDIA TEAM



Krishna Kaware
SY
ART & DESIGN
TEAM



Kush Sarda
TY
ART & DESIGN
TEAM



Pratiksha Gondal
SY
ART & DESIGN
TEAM



Aarti Chopade
SY
MARKETING
OFFICER

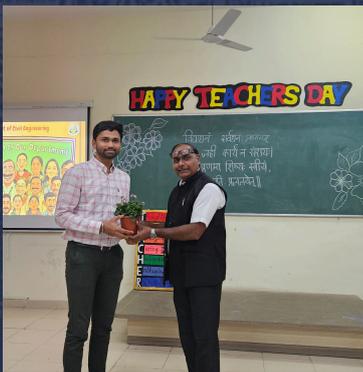


Shubham Chaube
SY
MARKETING
OFFICER

CiESA ADVISORY TEAM 2025-26 "WE BUILD, WE LEAD"

The Civil Engineering Students Association (CiESA) is an academic and professional student organization that represents and supports students pursuing civil engineering degrees. Typically established within universities, CiESA chapters aim to foster technical, leadership, and networking skills among future civil engineers.

ACTIVITIES



TEACHERS DAY

On Teachers' Day, we express our heartfelt gratitude to our mentors for their constant guidance, encouragement, and dedication in shaping future engineers.

Teachers' Day is a tribute to the mentors who inspire learning, leadership, and lifelong growth.

ENGINEERS' DAY CELEBRATION



ENGINEER'S DAY IS CELEBRATED TO HONOR THE CONTRIBUTIONS OF ENGINEERS IN BUILDING AND ADVANCING SOCIETY. IT RECOGNIZES THEIR ROLE IN INNOVATION, PROBLEM-SOLVING, AND SUSTAINABLE DEVELOPMENT. THE DAY INSPIRES YOUNG MINDS TO UPHOLD THE VALUES OF RESPONSIBILITY, CREATIVITY, AND EXCELLENCE IN THE FIELD OF ENGINEERING.



COMMUNITY SERVICE



PUNARUTTHAN GURUKULAM VISIT

TEAM NSS

National Social Responsibility (NSS) means students serving society and helping in the nation's development through social service activities.

As part of the NSS Civil social outreach program, we organized a visit to a nearby orphanage to connect with the children and brighten their day. The purpose of the visit was to share meaningful moments with them, make them feel cared for, and create an atmosphere of joy and togetherness. Our team engaged the children in various enjoyable activities such as games, storytelling, and interactive sessions, and we also distributed useful items including stationery, snacks, and toys. This experience deepened our understanding of kindness, empathy, and the true spirit of service. It was a touching and memorable initiative that inspired us to continue working for the betterment of our community.

The motto of NSS is “Not Me, But You.” 🌱



On 11th October 2025, driven by the vision of a Healthy India, our NSS volunteers collaborated with the PCMC to conduct a transformative river cleaning drive. The initiative aimed to revive the ecological health of the local river by removing plastic waste, debris, and pollutants while spreading awareness about responsible waste disposal. Through dedicated teamwork and active community engagement, the volunteers contributed to a cleaner environment and reinforced our commitment to sustainable community development and environmental responsibility.

Name of Programme:	Contribution to NSS Seva Setu: River Cleaning Drive		
Date of Programme:	11/10/2025	Venue:	PCMC,Nigdi
No of Volunteers:	7	No. of Beneficiaries:	40+
Budget Sanctioned	Na	Budget Utilized	Na



As part of the NSS Civil social outreach program, we organized a visit to a nearby orphanage to connect with the children and brighten their day. The purpose of the visit was to share meaningful moments with them, make them feel cared for, and create an atmosphere of joy and togetherness. Our team engaged the children in various enjoyable activities such as games, storytelling, and interactive sessions, and we also distributed useful items including stationery, snacks, and toys. This experience deepened our understanding of kindness, empathy, and the true spirit of service. It was a touching and memorable initiative that inspired us to continue working for the betterment of our community.



Name of Programme:	Orphanage Visit		
Date of Programme:	7 November 2025	Venue:	Matruchyaya Balakashram Dighi
No of Volunteers:	14	No. of Beneficiaries:	40+
Budget Sanctioned	-	Budget Utilized	-

SPORTS

**MIRZA AQIB
SY**

**PCCOE ANNUAL SPORTS
COMPETITION 2024-25**

**SANGHARSH'25
BADMINTON
RANK-1**



SPORTS

AARTI CHOPADE SY

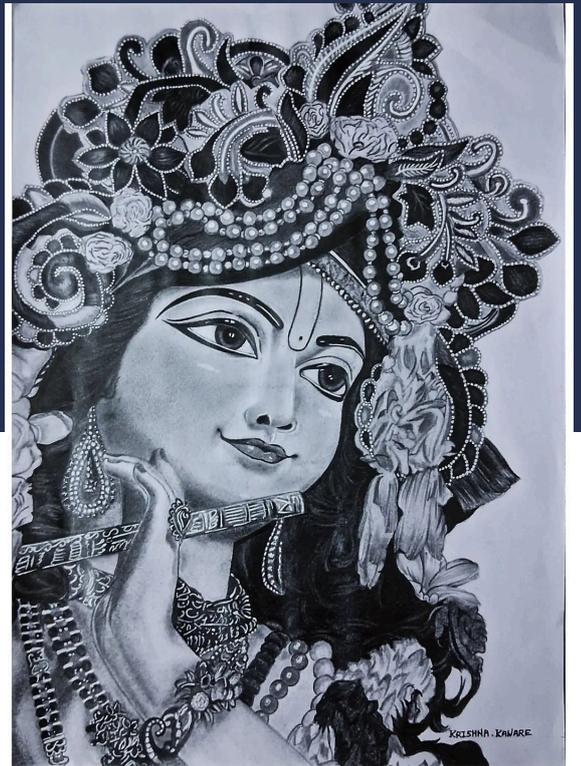
ZP SPORTS COMPETITION

WRESTLING RANK-1



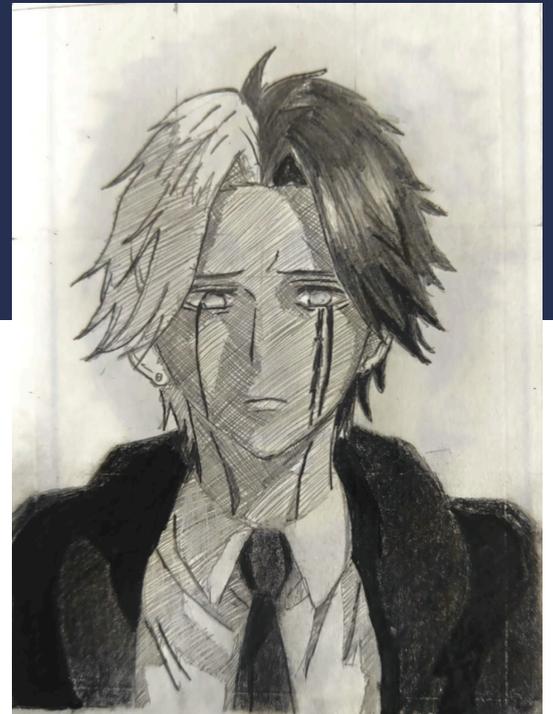
ART AND CRAFTS

KRISHNA KAWARE SY



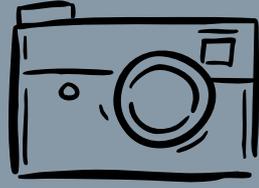
ART AND CRAFTS

CHINMAY MACCHI SY





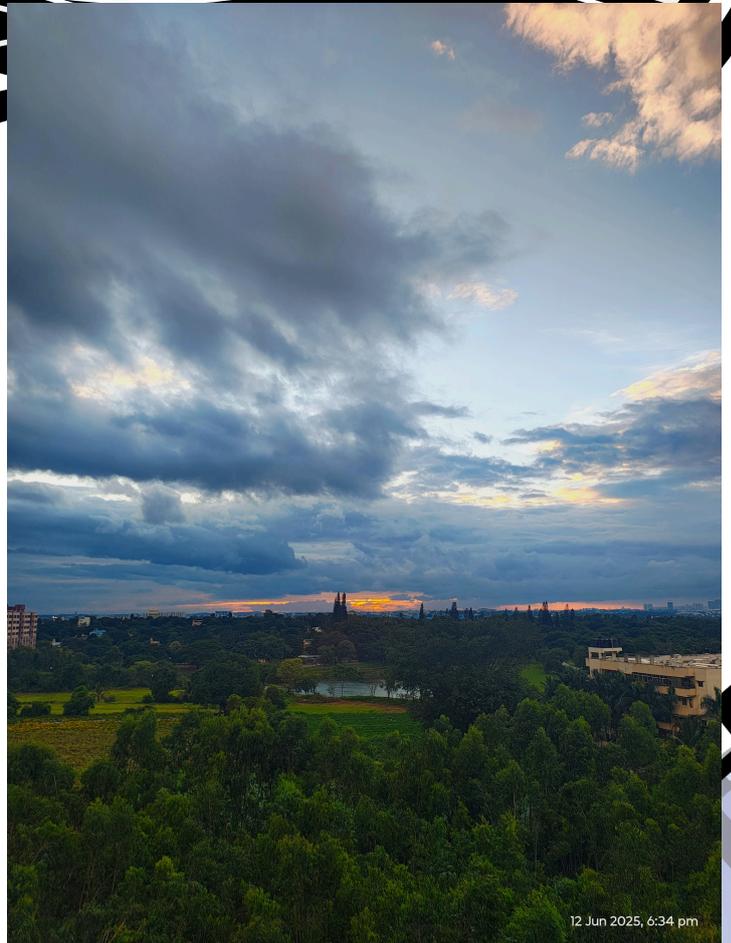
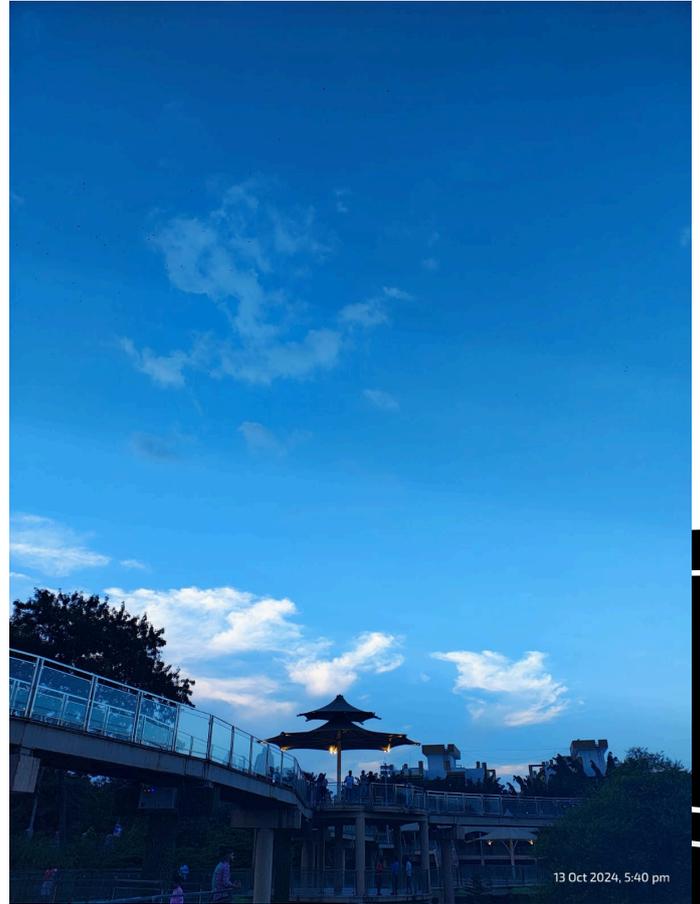
PHOTOGRAPHS



PRATHAMESH

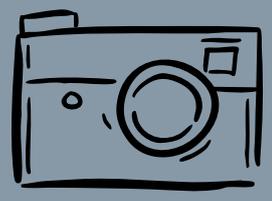
LIGADE

SY

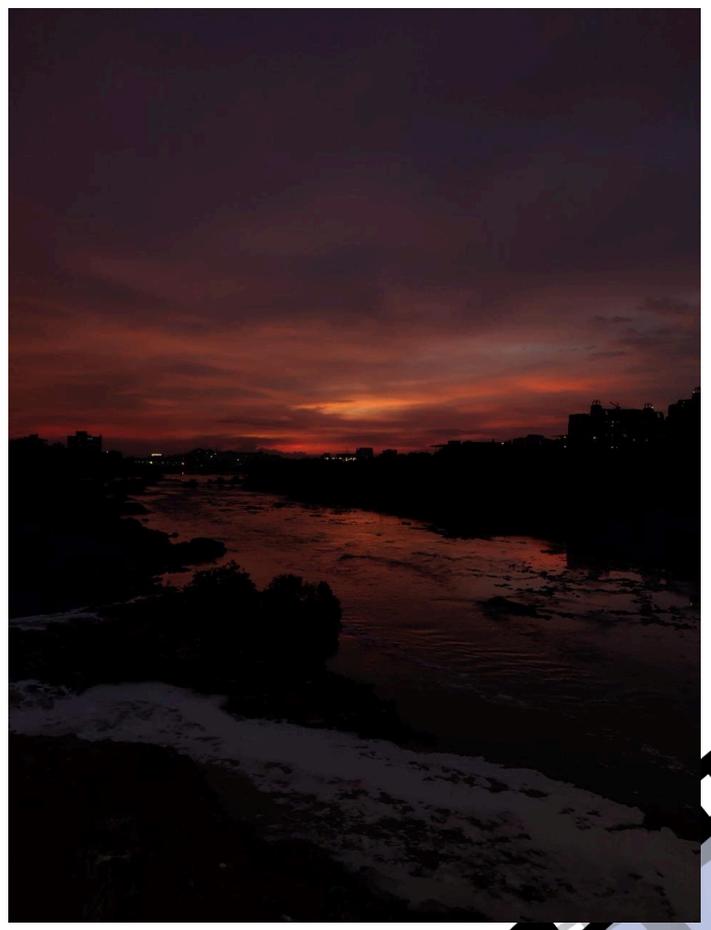
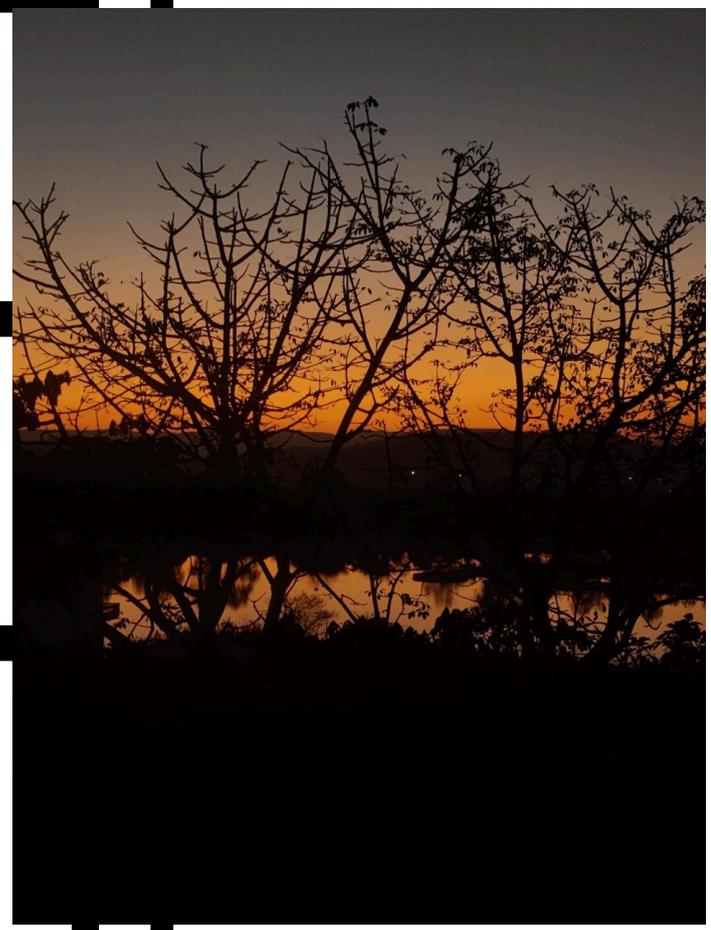
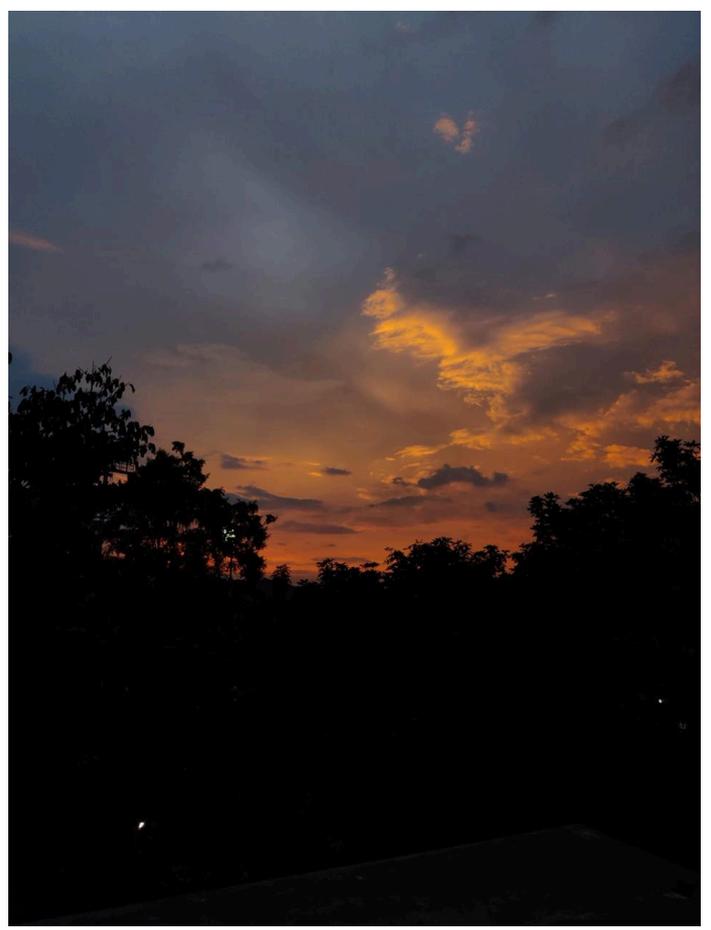




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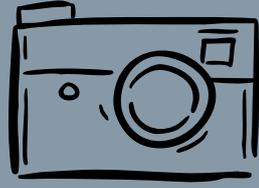


**SUMEDHA DHARRAO
SY**

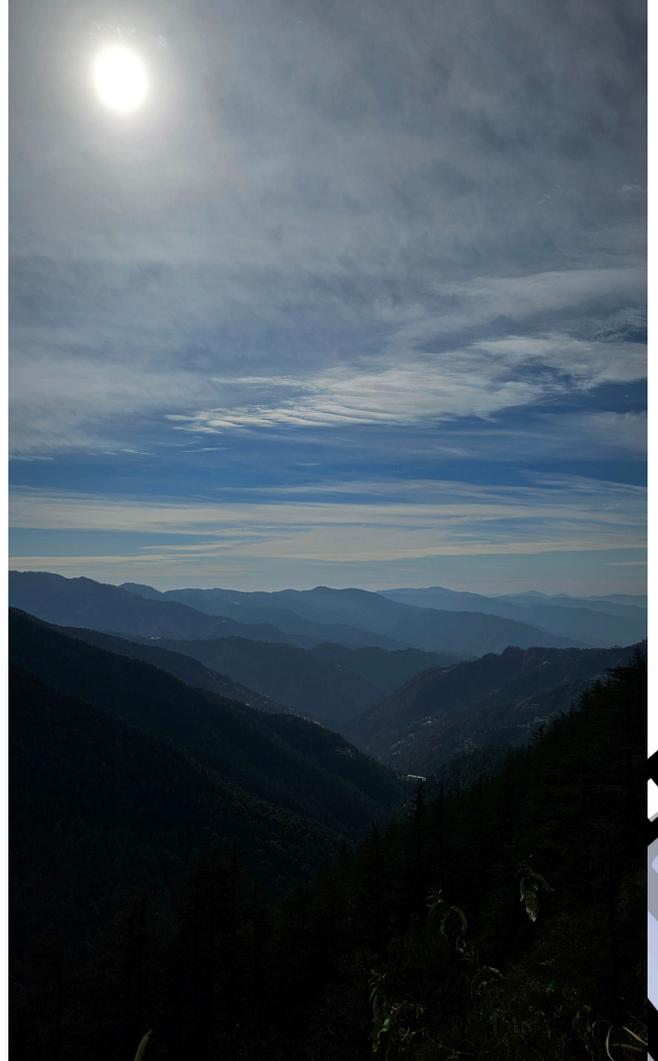




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THANK YOU