July - November 2025

NEWSLETTER

Department of Electronics & Telecommunication

ABOUT US

Government Polytechnic, Pune, an autonomous institute of Government of Maharashtra is established in the year 1957. Institute is awarded academic autonomy in May 1994. It houses in its 28 acre campus: main building, Computer Engineering, Information Technology and Science department building, Electronics and DDGM department building, staff quarters, workshop building, exam section building, conference halls, hostels, classrooms for various disciplines, library, canteen, mess, post office, cooperative stores, etc.

Over the last four decades, several thousand diploma engineers passed out from various disciplines are contributing their expertise for industries and various Government departments. Institute has won several prestigious awards in academics as well as sociocultural activities. Overall, contribution of this institute in technical education of country and development of a progressive society is significant.

Institute Vision:

"To develop professionally skilled Electronic and Telecommunication engineer to meet challenges of industry and serve for betterment of society."

Mission:

1. Imparting updated curriculum in association with stakeholders.
2. Providing with the state of art infrastructure & facilities.
3. Setup strategic alliance with industries.
4. Enhancing e-governance.
5. Continuous development of faculty & staff
6.

Departmental Vision

To develop skilled Electronic and Telecommunication engineer to meet challenges of industry and serve for betterment of society.

Departmental Mission

M1: Imparting quality education embedded with professional ethics and entrepreneur qualities by promoting industry institute interaction.

M2: Providing technical knowledge and skills to the students to accept contemporary challenges in the field of electronics and telecommunication engineering through modernization of infrastructure and facilities.

M3: Motivating students to undertake multidisciplinary innovative projects.

M4: Encouraging up-gradation of technical and soft skill set of students, faculty and staff.

PEO1

To attain excellence in the profession by applying fundamental and disciplinary knowledge to provide solutions for the societal challenges.

PEO2

To be able to demonstrate entrepreneurship skills and practice lifelonglearning for continuous career progression.

PEO3

To utilize their knowledge, skills to find creative and innovative solutions to engineering problems in a multidisciplinary work environment.

AY 2025-2026

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION.

Department has intake of 120, with two shifts:

Intake:
Regular– 60
Minority– 60

PSO's (Program Specific outcomes)

Student will be able to:

- Apply concepts in the field of Semiconductor technology, electronic Communication, Instrumentation & embedded system.

- Use conceptual and practical knowledge of electronic & telecommunication engineering with professional ethics to provide effective solutions to social and environmental issues in multidisciplinary systems.

- Assemble, test and analyze the PCB (electronic) circuits.

PO(Program outcomes)

1.Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the electronic & telecommunication engineering problems.

2.Problem analysis: Identify and analyze well defined electronic & telecommunication engineering problems using discipline specific knowledge.

3.Design/Development of solutions: Design solutions for well-defined technical problems which will support design of system components or process to meet specified need in electronic & telecommunication engineering.

4 Engineering tools, Experimentation and Testing: Apply modern electronic & telecommunication engineering tools and appropriate technique to demonstrate & practice experimental measurements.

5.Engineering practice for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment & Ethical Practices.

6.Project& Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well- defined engineering activities in multidisciplinary field.

7.Life-long Learning: Ability to analyse individual, societal needs and engage in updating in the context of technological changes.

Dr. Rajendra K. Patil
Principal,
Government Polytechnic, Pune

Dear All,

Government Polytechnic, Pune established in 1957 is one of the oldest Polytechnic in India and located at Shivajinagar in the heart of Pune city. Considered as India's one of the leading autonomous Polytechnics, we aim at providing skill based Diploma Education to students' through state-of-art curriculum designed in co-ordination with industry . It is framed with a view of transforming students, who could be of tremendous help in making meaningful contributions to industries, community and rural development as well as inculcating a spirit of self employment through all round training and skill development courses.

Government Polytechnic, Pune has a wealth of talent and knowledge with qualified faculty and high merit students. Equipped with good physical facilities in the form of buildings, lecture halls, laboratories, workshops, hostels etc. With skilled technicians and craftsman for adoption of appropriate technologies, we consistently adapt to the changing needs through continuous up gradation of all our resources. My organization, is committed towards imparting education which as defined by Swami Vivekananda says "Education should be man-making , life giving and character building".

Dr. Rajendra K. Patil
Principal,
Government Polytechnic, Pune

Dr. Y. V. Chavan
Head of the Department,
Electronics &Telecommunication

Welcome to the Department of Electronics and Telecommunication Engineering at Government Polytechnic Pune.

The department has state of art facilities and highly qualified faculty. The department faculty work with excellent team spirit in different technical streams.

All the laboratories in the department are well equipped to run the program specific curriculum.

The department strives to provide a conducive environment for the students to develop analytical and practical skills and apply them to real world problems.

The department organizes various regular training sessions, activities and industrial visits to motivate the students towards excellence.

We are committed to our students in their overall professional career by helping them to learn, grow, develop and achieve their goals.

Dr. Y. V. Chavan
Head of Department
Electronics and Telecommunication

Newsletter Committee Members

Faculty Members

Dr. Y. V. Chavan
(H.O.D) (Chief Editor)

Smt. Manjiri S. Datar
(Editor)

Smt. Ratnamala P. More
(Editor)

Student Members

Soham Waldhurkar
(Chief Editor)

Soham Tonage
(Editor)

Prerna Kothawale
(Media Coordinator)

Shrushti Jagtap
(Media Coordinator)

Department Faculty

Faculty	Qualifications	Date of joining	Teaching Experience
Dr. Y. V. Chavan (H.O.D.)	PhD	19/08/2016	36 Years
Smt. B. J. Nimbalkar (Lecturer (Selection Grade))	B.E.(Electronics)	3/10/1991	34 years
Smt. V. G. Mahendra (Lecturer (Selection Grade))	M.E. (Electronics)	17/11/2001	30 years
Shri A. D. Vikhankar (Lecturer (Selection Grade))	M.E. M.B.A	29/09/1995	33 Years

Department Faculty

Faculty	Qualifications	Date of Joining	Teaching Experience
Smt. P. M. Zilpe (Lecturer)	M.E.	21/10/2010	15 Years
Smt. J. J. Pathan (Lecturer)	M.E.(Signal Processing)	31/10/2010	15 Years
Smt. C. D. Pophale (Lecturer)	M.E. Electronics	19/11/2010	15 Years
Smt. S. S. Chhatwani (Lecturer)	M.E.	21/10/2010	15 Years

Department Faculty

Faculty	Qualifications	Date of Joining	Teaching Experience
Smt. M. V. Saraf (Lecturer)	M.Tech.	12/11/2010	15 Years
Smt. P. B. Dighule (Lecturer)	M.E.	21/10/2010	15 Years
Smt R. S. Deulkar (Lecturer)	B.E. EnTC	22/10/2010	15 Years
Smt G. J. Karajgikar (Lecturer)	M.E. (VLSI and Embedded Systems)	01/01/2011	14 years

Department Faculty

Faculty	Qualifications	Date of Joining	Teaching Experience
Smt. M. S. Datar (Lecturer)	BE(Electronics), MBA	29/10/2003	22 Years
Smt. A. P. Ghode (Lecturer)	ME(VLSI & Embedded System)	09/07/2017	8 Years
Smt. P. R. Rajhans (Lecturer)	B.E. (I.E.)	22/11/2007	18 Years
Smt. R.P. More (Lecturer)	ME (VLSI & Embedded System)	19/07/2012	13 Years

Supporting Staff

Shri. Vijay B. More   Lab Assistant

Shri. Dhananjay S. Mahajan   Instructor (TLA)

Smt. Leena D. Gaikwad   Lab Assistant

Shri. Sarju K. Bagade   Hamal

Shri. Gautam Jagtap   Peon

Shri. Ransingh D. Chavhan   Shipai

Electronics and Telecommunications Students Association (ETSA)

- The Electronics and Telecommunications Students Association (ETSA) is a student-run body typically formed within institutions offering Electronics & Telecommunication Engineering programs.
- Its purpose is to create a platform where students can enhance technical skills, develop leadership abilities, collaborate, and participate in academic and co-curricular activities beyond the classroom teaching.
- ETSA usually works under the guidance of Head of Department and faculty advisors.
- ETSA organizes events such as Technical and Non Technical events , workshops, seminars, industrial visits, and social initiatives.

Objectives of ETSA

1. Academic & Technical Skill Development
• Organize workshops on robotics, embedded systems, IoT, PCB design, etc.
• Conduct seminars and expert talks by industry professionals and alumni.
• Encourage innovation, research, and project-based learning.

2. Industry–Institute Interaction
• Arrange industrial visits, internships, and guest lectures.
• Help students understand current technologies, market needs, and career opportunities.

3. Enhancing Student Involvement and Leadership
• Provide opportunities for students to take leadership roles in organizing events.
• Improve communication, teamwork, and management skills.
• Promote student representation in department-level activities.

4. Promote Co-curricular & Extra-curricular Activities
• Conduct technical fests, hackathons, quizzes, circuit design competitions, and paper presentations.
• Organize cultural, social activities for overall personality development.

5. Encourage Innovation, Research & Entrepreneurship
• Support participation in innovation challenges, startup competitions, and incubation initiatives.
• Guide students in publishing research papers, patents, and project exhibitions.

6. Create a Collaborative Learning Environment
• Promote interaction between juniors, seniors, and faculty.
• Foster a culture of mentorship, peer learning, and knowledge sharing.

ETSA

Dr. Yashwant V. Chavan
(H.O.D.) (President–ETSA)

Smt. Prerna B. Dighule
(Coordinator)

Smt. Ratnamala P. More
(Coordinator)

ETSA Student Committee

SAMAR M. SALUNKE
Chairman

VAISHNAVI V. JADHAV
Chairman

Executive Committee Members

BHAGYASHRI BAHERMATH
General Secretary

AYUSH JOSHI
HARSH HIWASE
Vice Treasurer

PRAMOD BARHANPURE
Vice-Chairman

PAVAN V. MANDGE
Promotional Incharge

PRANJAL GODASE
Treasurer

ADESH R. WANDALE
Membership Promotional Chair

Passionate committee members

ETSA INAUGURATION

On Thursday,
31 JULY 2025
venue : Seminar Hall ,
E&TC DEPARTMENT
TIME : 4:00 pm

Faculty Speeches and Encouragement

"The inauguration of the Electronics and Telecommunication Students Association (ETSA) was formally conducted on 31st August 2025 in the Department of Electronics and Telecommunication at Government Polytechnic, Pune. The association was inaugurated by the Honorable Principal, Dr. R. K. Patil, in the esteemed presence of the Head of the Department, Dr. Y. V. Chavan, and faculty members. During the program, the Honorable Principal addressed the students and emphasized the importance of leadership, teamwork, and active student participation in academic and co-curricular activities.

Highlights

The program featured interactive sessions during which students expressed their enthusiasm and shared their perspectives on ETSA's planned activities. The inauguration witnessed active participation from both students and faculty members, thereby marking a strong and promising beginning to the academic year.

ETSA Committee Coordinators: Smt. R.P. More and Smt. P.B. Dighule

The committee is chaired by Vaishnavi Jadhav and Samar Salunke. Bhagyashri Bahermath serves as the General Secretary.

Inauguration of the ETSA, graced by the presence of our Hon. Dr. R. K. Patil, Principal & Dr. Y. V. Chavan HOD Electronics and Telecommunication

Hon. Dr. R.K.Patil, Principal,G.P.Pune Congratulated Mr. Samar Salunke on his appointment as the Chairman of the ETSA committee for AY:2025-2026

Hon. Dr.R.K.Patil Principal,G.P.Pune Congratulated Ms. Bhagyashri Bahermath on her appointment as the General Secretary of ETS For A.Y:2025-2026

Parents Meeting

The Parents' Meeting held on 2nd August 2025 aimed to strengthen communication between parents and teachers. It provided a platform to discuss students' academic progress, classroom performance, and overall development. Parents shared valuable feedback, while teachers presented reports on students' achievements and areas for improvement.

The session also introduced upcoming school initiatives and extracurricular plans to enhance learning. It concluded on a positive note, with parents appreciating the faculty's efforts and expressing support for continued collaboration. Such meetings help build trust and foster a strong school-community partnership.

TY Parents Meet on 02.08.2025

HAR GHAR TIRANGA RALLY

On the occasion of 15th August – Independence Day, the Department of Electronics and Telecommunication Engineering organized a Har Ghar Tiranga Rally to promote patriotism and national unity. Faculty members and students actively participated in the rally, proudly carrying the Indian National Flag and spreading the message of respect for the tricolour. The rally created awareness about the values of freedom, unity, and responsibility towards the nation, making the celebration meaningful and inspiring.

Cleanliness drive

30ᵀᴴ SEPTEMBER 2025

As per the instruction of Hon. Principal, on the occesssion of Pandit din dyal upadhyay birth aniversary, Mhatma Gandhi birth aniversary and Khandenavami Our Department conducted a Cleanliness Drive to promote hygiene and responsibility among students. Everyone actively cleaned classrooms and common areas, showing great teamwork and enthusiasm. The event helped spread awareness about keeping our surroundings clean and creating a healthy learning environment.

This drive not only made our campus cleaner but also inspired students to follow clean habits in their daily lives. Working together created a sense of unity and responsibility, reminding us that small efforts can bring big changes. The Cleanliness Drive ended with a positive message — a clean environment begins with each one of us.

EMOTIONAL INTELLIGENCE

The Department of Electronics and Telecommunication of Government Polytechnic, Pune organized an expert lecture for all second- and third-year students on the topic "Emotional Intelligence." The lecture was delivered by Mrs. Smita Vikhankar, Founder Director of Yaan Solutions, Pune, on 24th September 2025 at 3:30 PM in the seminar hall.

During the session, Mrs. Vikhankar explained the concept of emotional intelligence in detail. She stated that emotional intelligence was the ability to understand, manage, and express one's own emotions effectively, while also recognizing and responding to the emotions of others.

She highlighted that this skill went far beyond just being academically smart or technically knowledgeable. It involved developing self-awareness, self-control, empathy, and the ability to regulate emotions in a balanced manner.

The lecture emphasized how individuals with emotional intelligence were able to control their impulses, remain calm in stressful situations, and communicate respectfully and empathetically.

MRS. SMITA VIKHANKAR

She is a communicator, collaborator, trainer, and entrepreneur who focuses on creating positive outcomes. With a passion for bringing meaningful change, she combines her experience with creative approaches to inspire people.

As the Founder of Yaan Solutions, she offers career counseling to students, professionals, and senior individuals through scientifically developed psychometric assessments and expert guidance, helping them choose careers best suited for success.

She is also a Certified Life Coach, conducting coaching sessions for individuals, executives, and entrepreneurs who seek growth and transformation.

INDUSTRIAL VISIT: SUBROS LIMITED

26TH SEPTEMBER 2025

The industrial visit to Subros Limited on 26th September 2025 provided students with practical exposure to real-world industrial practices. Subros Limited, a leading manufacturer of automotive air conditioning systems and thermal products, offered students a chance to explore its working environment, production processes, and modern manufacturing techniques.

The visit began with an orientation session where company representatives introduced the students to the organization's profile, operations, and career prospects. Students were then guided through the manufacturing plant to observe assembly lines, automation processes, quality control measures, and safety practices.

Outcomes of Industrial Visit :
Students gained valuable insights into teamwork, industrial discipline, and the importance of applying theoretical knowledge in practical situations. The visit was informative and motivating, helping students bridge the gap between academics and industry while inspiring future career growth in engineering and technology.

The industrial visit was organized and coordinated by the faculty members Smt. R.P. More, Mr. A.D. Vikhankar, Smt. A.P. Ghode, and Smt. M.S. Datar and Plant HR Shri. Tarachand Jadhav. Their efforts ensured a well-structured and informative experience for the students, providing them with valuable insights into real-world industrial practices, modern manufacturing techniques, and the application of theoretical knowledge in practical engineering scenarios.

INDUSTRIAL VISIT TO SUBROS LIMITED

YOUTH ENGAGEMENT AND WATER STEWARDSHIP

The image depicts a congratulatory message along with a photograph from an award function, celebrating the achievements of Dr. R.K. Patil, GPP's Green Club Coordinator Prof. Amol Joshi, and the entire departmental coordination team. The team has been honored with the prestigious title of Best Green Club in Pune District in recognition of their outstanding efforts and dedication. The photograph captures the felicitation ceremony, where the team is being acknowledged on stage in the presence of dignitaries and students. This accolade underscores their significant contribution to promoting environmental awareness, sustainability, and green initiatives within the college and the broader community.

BLOOD DONATION CAMP

29TH SEPTEMBER 2025

The blood donation camp was organized by the GPP NSS Committee in collaboration with Bhavya RaktDaan Shibir, Pune (Sasoon Raktkendra). The initiative aimed to promote social responsibility and encourage students and staff to contribute to life-saving efforts. Participants were guided through the process with proper safety measures, ensuring a smooth and well-coordinated event.

The camp also focused on raising awareness about the significance of regular blood donation and its impact on the community. Students actively participated, understanding the value of selfless service, teamwork, and civic responsibility, while helping provide much-needed support to patients in need.

Government Polytechnic Pune

CAPSTONE PROJECT
EXHIBITION

4th November 2025

The Capstone Project Exhibition is a pivotal event where students present their innovative working models and technical solutions.

Objective of Project Exhibition is to to provide a platform for students to showcase their capstone projects, demonstrating the practical application.

To motivate junior students by providing learning inspiration and project ideas for future academic work.

All India Radio,Hadpsar

All India Radio, Hadpsar Pune.

The Department of Electronics and Telecommunication Engineering organized an industrial visit to All India Radio (AIR), Hadpsar, Pune to provide students with practical exposure to broadcasting systems. During the visit, students gained insights into radio transmission, studio operations, antenna systems, and signal processing techniques. The interaction with technical experts helped bridge the gap between theoretical concepts and real-time broadcasting applications, making the visit highly informative and enriching.

Akashvani Hadpsar, Pune, is a part of All India Radio, India's national broadcaster. It was established to serve as a vital medium of mass communication for the people of Pune and nearby regions.

The station broadcasts a wide range of programs including news bulletins, educational talks, cultural shows, and music in regional and national languages. It ensures that important information reaches even rural and semi-urban audiences.

About & Insights
Date of Visit 16.09.2025
Second Year L2 Class
Faculty Incharge for Industrial Visit
Smt. Jarina Pathan
Smt. C. D. Pophale

आयुध पूजन

AYUDHA POOJA IS IMPORTANT AS IT'S A FESTIVAL TO HONOR THE TOOLS, INSTRUMENTS, AND OBJECTS USED IN DAILY LIFE AND WORK BY PERFORMING A POOJA (WORSHIP). IT SIGNIFIES THE BELIEF THAT EVERY TOOL, FROM A FARMER'S PLOW TO A STUDENT'S BOOKS AND A MODERN COMPUTER, HAS A DIVINE ENERGY AND DESERVES RESPECT, PROMOTING DEDICATION AND HUMILITY IN ONE'S RESPONSIBILITIES. THIS FESTIVAL, WHICH IS A PART OF THE NAVARATRI CELEBRATION, ALSO HONORS THE VICTORY OF GOOD OVER EVIL, HISTORICALLY CONNECTED TO THE SLAYING OF THE DEMON MAHISHASURA BY GODDESS DURGA

Pune Jilhastar Yuva Mahotsav
Prize Distribution

1ST RANK: PA SYSTEM.
STUDENTS:
~GAURI MISAL
~MEDHA PAITHANKER
~SHREYA PATIL
~SANIKA RAIKAR
~SAMRUDDHI PATIL

2ND RANK: VICTIM RESCUE ROBOT.
STUDENTS :
~BHAGHYSHRI BAHERMATH
~SONALI FANDADE
~VAISHNAVI JADHAV
~SHRAVANI JEDHE

3 RD RANK: SMART ENHANCED INTELLIGENT HELMET FOR MINERS.
STUDENTS:
~AARSLAN MOGAL
~SHREYA BADGUJAR
~SEJAL BAWANTHADE
~VAISHNAV CHAVAN

C MASTERMIND COMPETITION

09/09/2025 & 10/09/2025

The Department of Electronics and Telecommunication, Government Polytechnic Pune, under ETSA, organized a C Mastermind Competition on 9th September 2025 and 10th September 2025 at 3:00 PM, exclusively for E&TC students. The event was conducted in two rounds. The first round was an online C quiz of 40 questions for 40 marks, held from 3:15 PM to 3:55 PM through a Google Form.

Objectives C MasterMind Competition :

- To strengthen students' understanding of structured and modular programming concepts in C
- To develop logical reasoning and algorithmic thinking skills
- To improve students' ability to write error-free and optimized code
- To enhance confidence in solving programming problems within time constraints
- To encourage analytical thinking and debugging skills

The event was coordinated by Smt. R.P. More and Smt. P.B. Dighule under the guidance of Dr. Y.V. Chavan, Head of Department.

Debate Competition

A Debate Competition was held on 6th October, where teams presented sharp arguments on various topics. Their energy and teamwork made the event lively and engaging. The competition helped students build confidence and think more critically.

The teams debated with great clarity and confidence, making every round exciting to watch. Judges appreciated the participants' preparation and presence of mind. The event concluded with a positive message—healthy debates encourage open-mindedness and better understanding.

TECHNO-PYTHON

CHALLENGE COMPETITION

09 OCTOBER, 2025

SKILL TEST

The Techno Python Challenge Competition was conducted to test students' logical thinking and programming skills. Participants solved Python-based tasks and puzzles within a limited time, showcasing their creativity and technical knowledge. The challenge created an energetic environment where students pushed their abilities to the next level.

LEARNING & INNOVATION

Each participant demonstrated quick problem-solving and smart coding techniques, making the competition intense and exciting. The event helped students gain confidence in Python and motivated them to explore advanced programming concepts. It ended on an inspiring note, encouraging everyone to continue learning and innovating in the field of technology.

MICROPROJECT
EXHIBITION

INNOVATION SHOWCASE

The Microproject Competition for third-year students provided a platform to present creative and technical ideas through practical projects. Teams displayed their work with confidence, explaining concepts, components, and real-world applications. The event highlighted the students' problem-solving abilities and their understanding of engineering fundamentals.

LEARNING THROUGH PRACTICE

Each project reflected hard work, teamwork, and hands-on learning. Judges evaluated the innovations based on creativity, accuracy, and presentation skills. The competition encouraged students to think beyond textbooks and apply their knowledge, inspiring them to take their ideas further in the field of technology.

ARDUINOTHON COMPETITION

The Arduinothon Competition brought students together to create simple yet innovative projects using Arduino. Participants showcased their ideas through small working models, demonstrating coding and circuit-building skills. The objectives of thi s event to encouraged hands-on learning and motivated students to think creatively while building practical solutions.

Project Competition: Best Project 2k25

Organized by ETSA

The Electronics and Telecommunication Students' Association (ETSA) organized the Project Competition – Best Project 2K25 on 17th November 2025 for Third Year students. The competition aimed to encourage innovation, technical skills, and project-based learning among students. Outstanding projects were recognized, and awards were presented to the Best Project of the Academic Year 2025–26. Medals and certificates were awarded to all participants in appreciation of their efforts and participation. The event provided a platform for students to showcase their creativity and practical knowledge.

Best Project 2k25
Prize Distribution Ceremony

"Students receiving medals for their outstanding performance at the Project Competition 2K25 Prize Distribution Ceremony."

VITALIS

An Autonomous Robot

Group No. 11
Avishkar Jagtap – 2303046
Rohan Karad – 2303054
Ibrahim Khan – 2303056
Adwait Mhaisalkar – 2303066

VICTIM RESCUE ROBOT
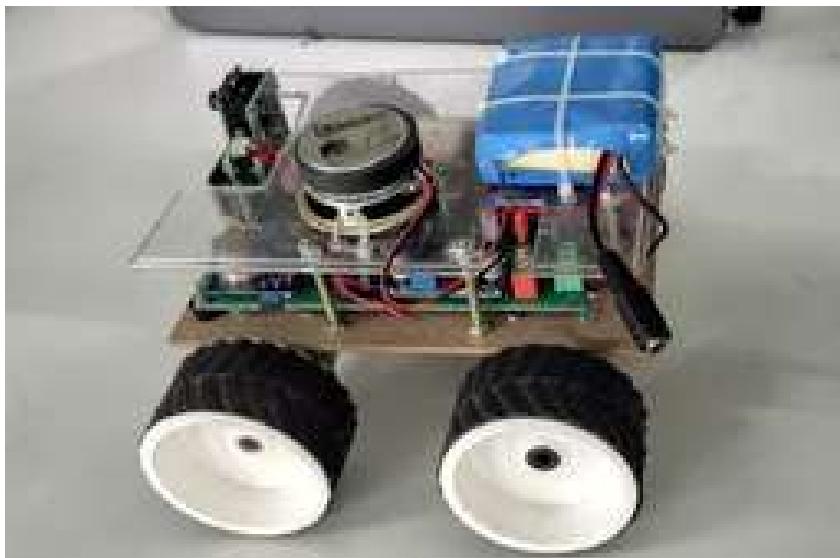
Group Members:

2303005 Bhagyashri Shantling Bahermath
2303028 Sonali Sugriv Fandade
2303045 Vaishnavi Vilasrao Jadhav
2303049 Shravani Shivaji Jedhe

The Victim Rescue Robot is a remote-controlled vehicle designed to navigate hazardous environments—such as collapsed buildings, fire zones, or deep borewells—to locate and assist survivors where human entry is unsafe. Powered by a central microcontroller, it utilizes a combination of live video streaming, obstacle detection sensors, and motion or thermal sensors to identify victims in real-time. Often equipped with a robotic arm for clearing debris or delivering emergency supplies, this system minimizes the risk to human rescuers while significantly improving the speed and efficiency of critical search and rescue operations.

DAKSHATA RALLY

As part of Vigilance Awareness Week 2025, the Electronics & Telecommunication and DDGM departments jointly organized the Dakhshata Rally on 31st October 2025. The rally aimed to promote the message of a "Corruption-Free India" and spread awareness among students and the surrounding community. Students carried informative placards and raised inspiring slogans to emphasize the importance of integrity and transparency.

More than 100 students, along with faculty members and staff, participated enthusiastically in the rally. Starting from the main department entrance, the procession moved through the campus and nearby public pathways in a disciplined and energetic manner. The event successfully highlighted the collective responsibility of building a corruption-free society and created a positive impact on everyone involved.

Government Polytechnic Pune

Result Analysis

Sr. No.	Description	Percentage
1	No. of Students passed in final year ESE Average of all regular courses	86.62%
2	Average % marks scored by students in final Semester.	63.42%
3	No. of students of final semester scoring less than 40% marks (Average of all courses) in progressive test	18.54%

Student Achievements

| Sr. No.	Type of Activity & Details (Sports / Drama / Social / NSS etc.)	Date	Name of Participating Student	Organizing Body & Organizing Institute	Awards (Winner / Participation)	Level (State / National etc.)
1	Elocation Competition	10.03.2025	Bhagyashree Bahermath	EESA ,G.P.Pune	Participation	Institute level
2	Cricket	Year 2024_25	Bhagyashree Bahermath	Government Polytechnic, Pune	Runner up	Institute level
3	Cricket	Year 2024_25	Shreya Vinod Badgujar	Government Polytechnic, Pune	Runner up	Institute level
4	Cricket	Year 2024_25	Prerna Satish Kothawale	Government Polytechnic, Pune	Runner up	Institute level
5	Cricket	Year 2024_25	Shrushti Namadev Jagtap	Vidhyarthi Sahayak Samiti	1st Rank	Hostel Level
6	Khokho	Year 2024_25	Vaishanavi Jadhav	IEDSSA	Runner up	Womens D2 Zonal Sports meet
7	Khokho	Year 2024_25	Bhagyashree Bahermath	Government Polytechnic, Pune	Winner	Institute level
8	Khokho	Year 2024_25	Vaishanavi Jadhav	Government Polytechnic, Pune	Winner	Institute level
9	Volleyboll	Year 2024_25	Shravani Jedhe	IEDSSA	Winner	Womens D2 Zonal Sports meet
10	Khokho	Year 2024_25	Shravani Jedhe	Government Polytechnic, Pune	Winner	Institute level
11	Traffic light System [centrodo Kit]	18.10.2024	Sanika Khomane	Infosys Springborad	Participation	Institute level
12	Demystifying Generative AI for leaders	21.05.2025	Prerna Satish Kothawale	Infosys Springborad	Participation	Institute level
13	Traffic light System [centrodo Kit]	18.10.2024	Prerna Satish Kothawale	Infosys Springborad	Participation	Institute level

Poem Section

आयुष्याच्या पानावर.......

आयुष्य खूप सुंदर आहे ते सुंदरतेने जगलं पाहिजे

वादळ तर येतंच राहणार पण वादळामध्ये टिकलं पाहिजे

चुका तर होतच राहणार पण चुकांमधून शिकलं पाहिजे

खळखळून हसलंही पाहिजे आणि हो, मनसोक्त रडलंही पाहिजे

नेहमीच नसणार आपण बरोबर कधीतरी चुकलंही पाहिजे

पुस्तकांबरोबरच माणसांनाही वाचायला जमलं पाहिजे

भूतकाळ कितीही कडू असला तरी वर्तमान गोड करता आला पाहिजे.....

व्यक्तीला प्रेमाने, निस्वार्थीपणे जिंकता आलं पाहिजे

स्नेहाच्या धाग्यांमध्ये नात्यांना गुंफून ठेवता आलं पाहिजे

पाहिलेल्या स्वप्नांमध्ये रमताना स्वप्नांचा पाठलाग करताना पाय जमिनीवर ठेवून आकाशात भरारी घेता आली पाहिजे...

Sanika Khomane

C3 (E&TC)

मंज़िल

चलके तेरे रास्तों पर अपना अंजाम करना है। बना के मुझे तो अब तेरे शहर कायम करना है,

जो रखना है जो इक तुझी से वास्ता इसी अर्ज नाकाम करना है। में दुनिया से ताल्लुक पिल में अपना मकाम करना है। मेरे दिल में तो तुम हो तुम्ही हो, बस मैंने तेरे दिल में अपना मकाम करना है।

और बहुत डर लिया दुनिया से मुझे इएक अब नहीं उर्जा बेतहाशा तुझे सरेआम करना है.

Tejaswini Dhumal

C2 (E&TC)

Nest of Peacefulness

In a room where the shadows gently play

Cool air whispers what words can't say

Wrapped in warmth, my blanket's grace,

The world slows down, I find my space.

No noise, no rush, no heavy mind,

Only peace in this pause I find.

My phone glows soft with silent light,

As dreams unfold in the quiet night.

I build sweet scenes that never were,

Moments with smiles that softly blur.

Laughter echoes in my mind's embrace,

As time stands still in this sacred place.

Music flows like a secret stream,

Weaving wonder into every dream.

A symphony for my soul alone,

In this calm, I feel at home.

I glance at the mirror, and there I see

A quiet kind of beauty staring back at me.

Not for the world, not for their gaze

But for me, in my own silent praise.

With pen in hand and heart set free,

I write the world as I wish it to be.

A diary of thoughts I'll never share,

Yet they bloom like flowers in the air.

This is my moment, raw and true,

A little world I slip into.

No need for more, no need for less

SANIKA MASKE
2403512

असं म्हणतात घरातली स्त्रीचं घराला घरपण देते, पण आजच्या या नवयुगात इतकचं तीचं अस्तित्त्व उरलयं का ? एकीकडे नवीन विचारांना, कल्पनांना पाठिंबा देणारे आपण दुसरीकडे एका स्त्रीला तिच्या मर्यादा दाखवतोच ना...

कुठेतरी ती एक मुलगी म्हणून घरातली लेक म्हणून, घरातली सुन म्हणुन तर कधी घरातली आई किंवा सासू म्हणून सतत ती तिच्या मर्यादा पाळतचं असते ना.काही बोलण्या किंवा करण्याआधी आपण हे बोलू शकतो का ? करू शकतो का ? असे प्रश्न दुस-याआधी ती स्वतःला करतेच ना.....

शेवटी उरतो का? हा 'का?' कधी एक माणुस म्हणुन स्वतःला विचारलात का ?

स्त्री शिक्षणाला पाठिंबा देणारे आपण कुठेतरी त्यांचं स्त्रीला हद्दीत ठेवतोच ना. ती हवेत उंच भरारी घेत असताना तीला समाजाचा फटका मारतोच ना.

जन्मताच मिळालेले तिचेच हक्क आपण तिच्याकडून काढून घेतो. स्वतंत्रपणे जगण्याचा हक्क ते स्वतःचा विचार करण्याचा हक्क सुद्धा आपणच तर काढून घेतो, आणि तिला तिच स्वातंत्र्य जपू देतोय असा घोषवारा सुद्धा आपणच तर करतो.

या सगळ्यात 'ती' फक्त लढत असते, तिच्या स्वप्नांसाठी,तिच्या स्वातंत्र्यासाठी, तिच्या हसण्यासाठी तर कधी तिच्या असण्यासाठी सुद्धा पण ती मात्र कधीच थकत नाही.स्वतःच मन मारत तर कधी घरच्यांच्या ओझ्याबरोबर समाजाच ओझ वाहत ती फक्त जगत असते, आणि विसरते ते स्वतः साठी जगणं.

वरवरुन सुंदर, सुखी आणि समृद्ध दिसणाऱ्या घरांसाठी कदाचीत तीच मर्यादात असलेली स्त्रीचं जबाबदार असते. अजूनही खूप अश्या घरांमध्ये नियमांत, चौकटीत अडकलेली तीच स्त्री दिसायला मिळते. कदाचीत काळासोबत बदललेले आपण काळामागेच जगतोय.

जसं एखादया सुसंस्कृत घरातील वडील त्यांच्या मुलीला स्वतंत्रपणे जगणे शिकवते , तसेच घरातील आई स्वांतत्र्याचा योग्य वापर कसा करायचा हे शिकवते.

माझी आजी तर म्हणते, स्वातंत्र्याचा योग्य उपयोग कसा करायचा हे एक यशस्वी स्त्रीच सांगु शकते,

आणि असे अनेक उदाहरणे आपल्या डोळ्या समोर आहेत.

हो! तेव्हाच तर सुक्षिक्षीत आणि सुसंस्कृत स्त्रीचं स्वतःबरोबर जगालाही बदलू शकते.

तेव्हाच तर आपण स्वतःला खऱ्या अर्थाने सुक्षिक्षीत आणि सुसंस्कृत म्हणु शकू

फक्त एकदा,एकदा विचार करा की,-

जन्मताच तिचे हक्क होऊन आलेली तुमच्या आयुष्यातली प्रत्येक 'ती' जिला तिचेच हक्क तिला देणारे आपण कोण?

खरचं आजच्या या नवयुगातली, सुशिक्षीत लोकांमधली 'तीच स्त्री' खरचं स्वतंत्र आहे का ?

Namrata Bolewar

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प्रवास वर्णन

अख्खं सेमीस्टर झाल तरी कुठे जायला वेळ मिळेना, आणि मिळाला तरी शहरातच कुठे तरी फिरायच पण मनाला तेवढी शांतता भेटत नव्हती . शेवटी ठरलं मग दोन दिवस गावी जायचं. तस आमचं गाव फार लांब नाही , पुण्यावरून अवघ्या ७० ते ८० किलोमीटर अंतरावर आमचं गाव. छत्रपती शिवाजी महाराजांनी जिथे स्वराज्याचे पहिले तोरण बांधले त्या तोरणा किल्याच्या पायथ्याला आमचं गाव "वेल्हे".

निघतानाच मनात एवढं कुतूहल असत की ह्या वेळेस नवीन काय पाहायला मिळणार, शिकायला मिळणार व अनुभवयाला मिळणार.

गाडीने जात असताना सर्व थंड वारा खात , उन डोक्यावर घेत ,मोठे - मोठे डोंगर नद्या पाहत आणि गाणी ऐकत ऐकत आम्ही गावी पोहोचलो.

आमच्या गावच घर हे जुन्या काळातल कवलांचा घर, आमच्या घरात फर्शी नसून शेणाची भुई आहे, व घरात मातीच्या भिंती व कुड सुद्धा आहे.घर तस बऱ्याच भागात विभागले आहे जसे की अंगण, पढवी, वाडा, ओटी आणि स्वयंपाक घर.

गावाकडच्या घरांमध्ये आपल्या पूर्वजांची वेगळीच साठवण असते , एक आपलेपणा, ओलावा असतो ते प्रेम वेगळच असते आणि ते प्रेमच आपल्याला गावी घेऊन येत असत.

गेल्या-गेल्या घराची साफ सफाई केल्यावर मग चूल पेटवून सर्वांनी गरम गरम जेवणावर ताव मारला. जेवायला मस्त पाटावर वाटलेली तिखट खोबऱ्याची चटणी , गावरान मसुरची आमटी , भाकरी आणि भात.आमच्या भागातील वैशिष्ट्य म्हणजे आमच्या इथला इंद्रायणी तांदूळ, त्याची चवच न्यारी आहे.

जेवण झाल्यावर म्हणल जरा फेर-फटका मारावा.गावातील म्हातारी माणस पाहिल्यायवर ते करत असलेली कष्टाची कामे बघून नवल वाटत कारण शहरातील आताच्या पिढीला साधं काही १०-१२ किलोच उचलायला सुद्धा दोन माणस लागतात आणि मग काम करतात आणि गावाकडे माणस केवढे मोठे-मोठे जड पहारे एकट्याने उचलतात , शेणाच्या पाट्या सुद्धा किती जड असतात एवढच नाही तर थेट ५० किलोचा कटा उचलतात किंवा त्याहून जास्त.त्यांची कष्ट करण्याची जिद्द बघून खरच खूप उभारी मिळते आणि आपण थोडस काम केलं तरी किती थकतो? गावाकडे एका ताईच्या घरी पाहिलं ती ज्या छोट्या शेगडीवर भाकरी भाजत होती , त्याच स्टँड एवढं हलत होत की ते ती एका हाताने पक्कडने पकडुन मग भाकरी उलटत होती. सांगायचा मुद्दा असा , ती आहे त्या परिस्थितीत काट कसर करून राहत होती. खरचं ना गावाकडचं राहणीमान , जीवनशैली किती साधी आणि उच्च कोटीची आहे. उच्च कोटीची कारण इथे सर्व माणस एकत्र राहतात , सर्व सण एकत्र साजरे करतात त्यात वेगळाच स्नेह व आपुलकी असते.

शेवटी माझ्या मोठ्या काकांसोबत व बाबांसोबत आम्ही शेताकडे निघालो. सर्व शेत हिरवीगार नव्हती पण हो बऱ्याच शेतात गावरान पावटा, वाटाणा हरभरा दिसून येत होता. आम्ही मग दऱ्यात गेलो. बऱ्याच शेतात भाताची काढणी होवून कट्टे बांधून ठेवलेले दिसून आले. मग आम्ही अजून थोडे फिरून घरी परतलो कारण थंडी हळू-हळू वाढत चालली होती . रात्री तर जेव्यला गरम-गरम पिठल , भाकरी आणि बोंबिलची चटणी होती . एवढ्या चटकदार जेवणाला कोण नाही म्हणार ! रात्री तर खूप थंडी वाजत होती कितीही जाड अंगावर घेतल तरी ऊब येत नव्हती शेवटी तसच थंडीमध्ये कुडकुडत कधी झोप लागली तेसमजलच नाही.

मग पहाटे जाग आली तरी थंडी होतीच. पण बाहेरच आल्हाददायक वातावरण खुणावत होत. ती शुद्ध हवा, हिरवीगार झाडी मनाला खूप प्रसन्नता देऊन गेली त्यात कवळ उन घेणं म्हणजे खूप सुखद क्षण वाटत होता . नंतर मग मला काकांनी बोलावून झऱ्याच पाणी दाखवलं ते पाणी किती स्वच्छ होत त्यात त्या पाण्याचा खळखळ आवाज कानाला ऐकायला एकदमच भारी वाटत होता.

 पुढे चालत-चालत मग आम्ही डोंगराकडे गेलो , डोंगर चढत असताना आम्हाला गुरे चरताना दिसली. आजूबाजूला हिरवीगर्द झाडी होती आणि गवत दिसले जे पावसाळ्यात हिरवेगार असते ते आता वाळलेलं दिसत होतं व आम्हाला अजून वेगवेगळ्या प्रकारची झाड सुद्धा पहायला मिळाली मी खूपप्रकारची फुल झाडे पाहिली फळझाडे सुद्धा पाहीली व मला पुढे गेल्यावर अजून असे एक झाड दिसले ज्या झाडावर एकही पान नव्हते पण ते झाड गच्च फुलांनी भरलेलं होतं. मनात असा विचार आला काय ही निसर्गाची देणगी आहे की एक ही पान नसताना झाडाला ते झाड किती बहारदार वाटत होते व छान दिसत होते.

आम्हाला चढत असताना एक आजोबा भेटले ते फार वयस्कर वाटत होते, त्यांचे वय पण जास्तच असावे त्यांचं व बाबांचं बोलण ऐकून जरा वाईट वाटल कारण गावाकडे शेतीत जास्त उत्पन्न मिळत नसल्याने सर्वच तरुणवर्ग रोजगारसाठी शहरकडे जात आहे त्यामुळे गावात कमी वस्ती आहे घर आहेत पण त्यांना कुलूप व घरामध्ये जरी माणस राहत असली तरी सर्व म्हतारी आहेत. खरचंना जर सगळेच शहराकडे वळले तर गाव राहील का?

शहरात प्रत्येक कार्यक्षेत्रातील दगदग,नकोशी वाटणारी गर्दी ट्रॅफिक आणि गाड्यांचा हॉर्न चे कर्कश आवाज यापासून कधीतरी वाटत होत की सर्वांपासून दूर निसर्गाच्या सानिध्यात निवांत जाव आणि तो अनुभव मला माझ्या गावाकडे या दोन दिवसाच्या सुट्टीत मिळाला..
मन प्रसन्न झाले आज पुन्हा नेहमीच्या
दिंनक्रमासाठी शहरात आले..पण खेड्यात घालवलेल्या त्या दोन दिवसाच्या उत्साहवर्धक वातावरणाने अनेक दिवस मनात उत्साह कायम राहील हे मात्र नक्की...

S H R A V A N I   J E D H E

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AI AND ROBOTICS: SHAPING THE FUTURE OF WORK AND SOCIETY

Introduction:
Artificial Intelligence (AI) and Robotics are no longer limited to science fiction—they are transforming industries, workplaces, and everyday life. With rapid advancements in machine learning, automation, and human-robot collaboration, these technologies are redefining how humans interact with machines.

Current Developments:
Collaborative Robots (Cobots):
Modern factories use cobots that work alongside humans to improve efficiency and safety. Unlike traditional industrial robots, cobots are designed to assist rather than replace workers.

Autonomous Vehicles and Drones:
Self-driving cars and delivery drones combine AI and robotics to revolutionize transportation and logistics. Companies like Tesla, Google (Waymo), and Amazon are heavily investing in this sector.

AI in Healthcare Robots:
Robots powered by AI are assisting in surgeries, rehabilitation, and elderly care. For example, robotic exoskeletons help patients regain mobility, while AI-driven assistants support doctors in diagnosis.

Humanoid Robots:
Robots like Sophia and Ameca showcase how AI can mimic human conversation, expressions, and behavior—paving the way for advanced customer service and companionship roles.

Opportunities
Industry 4.0: Smart factories powered by AI-driven robotics enhance productivity.

Space Exploration: NASA and ISRO use robotic arms, rovers, and AI navigation for missions on Mars and the Moon.

Agriculture: AI robots are helping with precision farming, crop monitoring, and automated harvesting.

Challenges
Job Displacement: Routine jobs are being automated, raising concerns about unemployment.

Ethical Issues: Using robots in warfare, privacy concerns with AI surveillance, and decision-making without human oversight create ethical dilemmas.

High Cost: Advanced robots are expensive, making adoption slower in developing regions.

Conclusion
AI and Robotics are powerful forces driving innovation across industries. While they bring immense opportunities in efficiency, safety, and exploration, they also demand responsible development, ethical use, and reskilling of the workforce. The future lies not in humans versus robots, but in humans working with robots for a smarter, safer, and more sustainable world.

CONTENT CURATOR:
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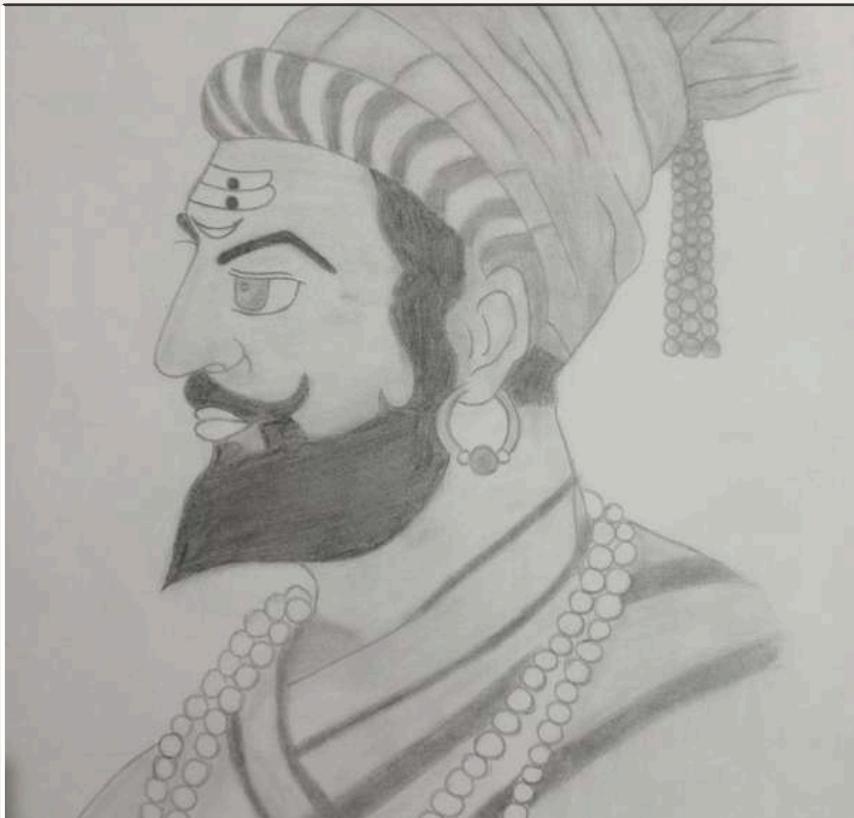
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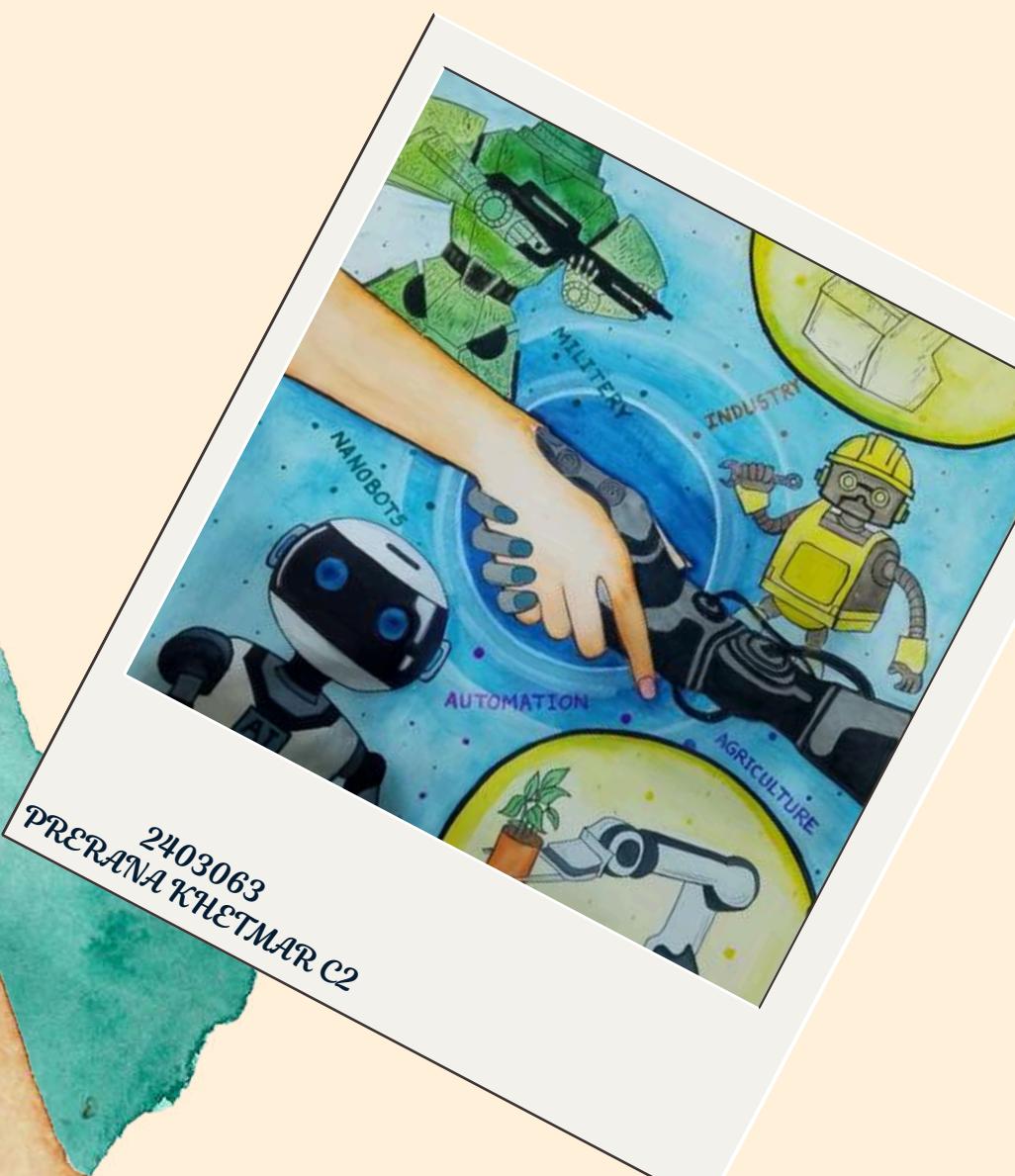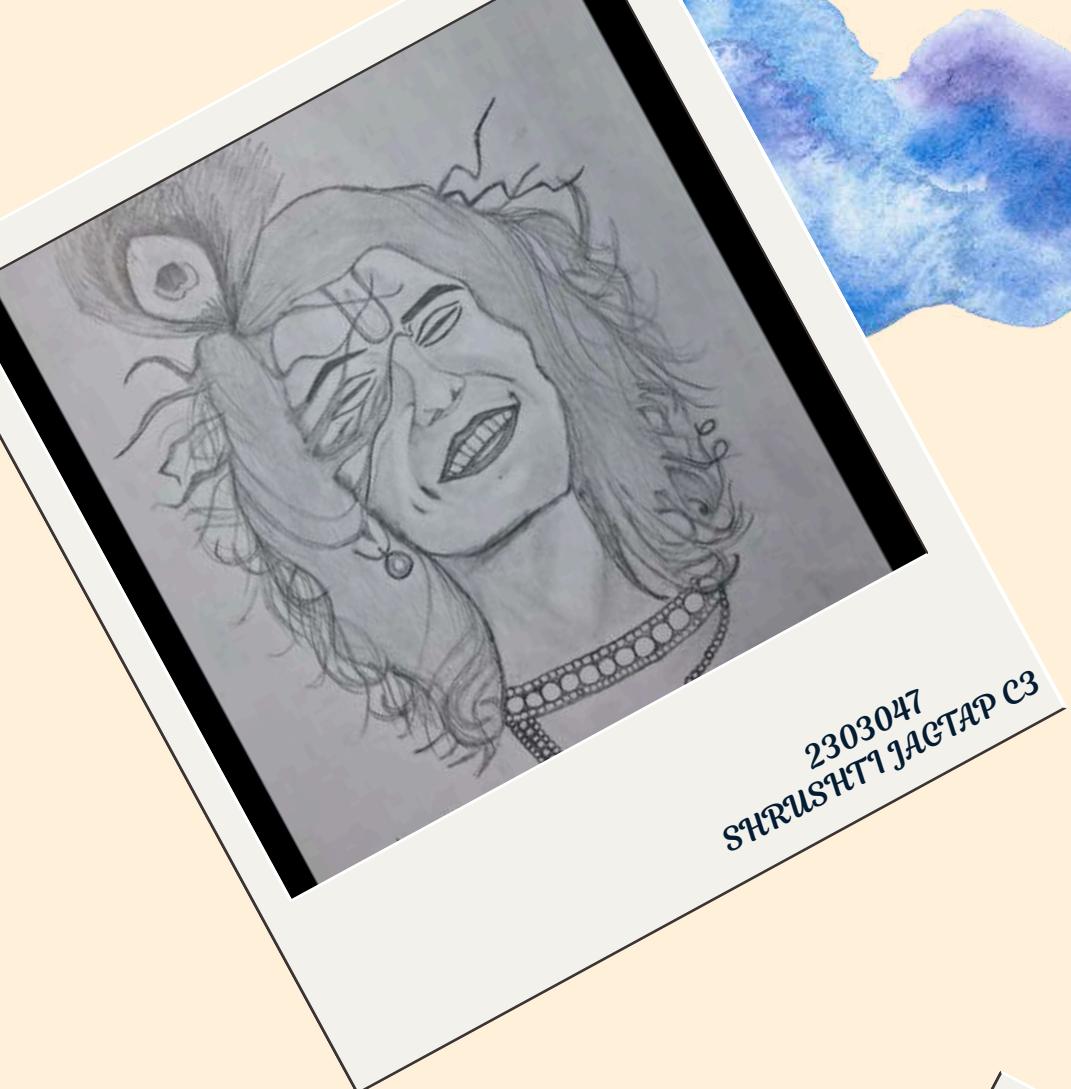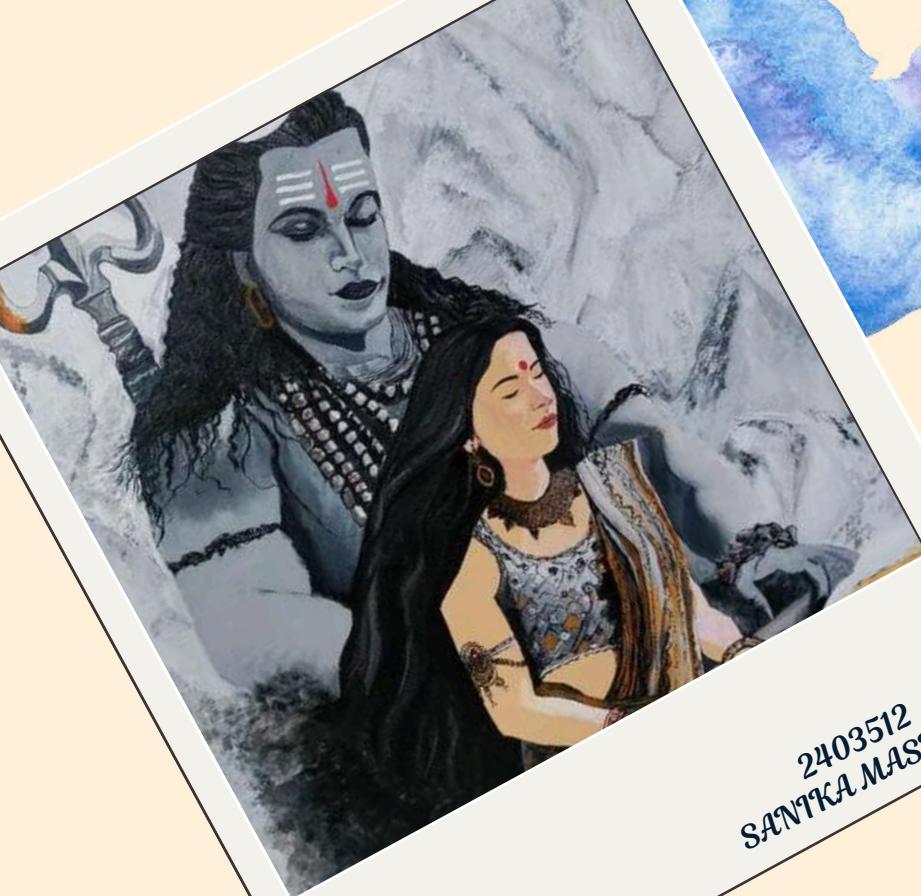
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Photography
Portfolio

2025 - 2026

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PRERNA KOTHAWALE
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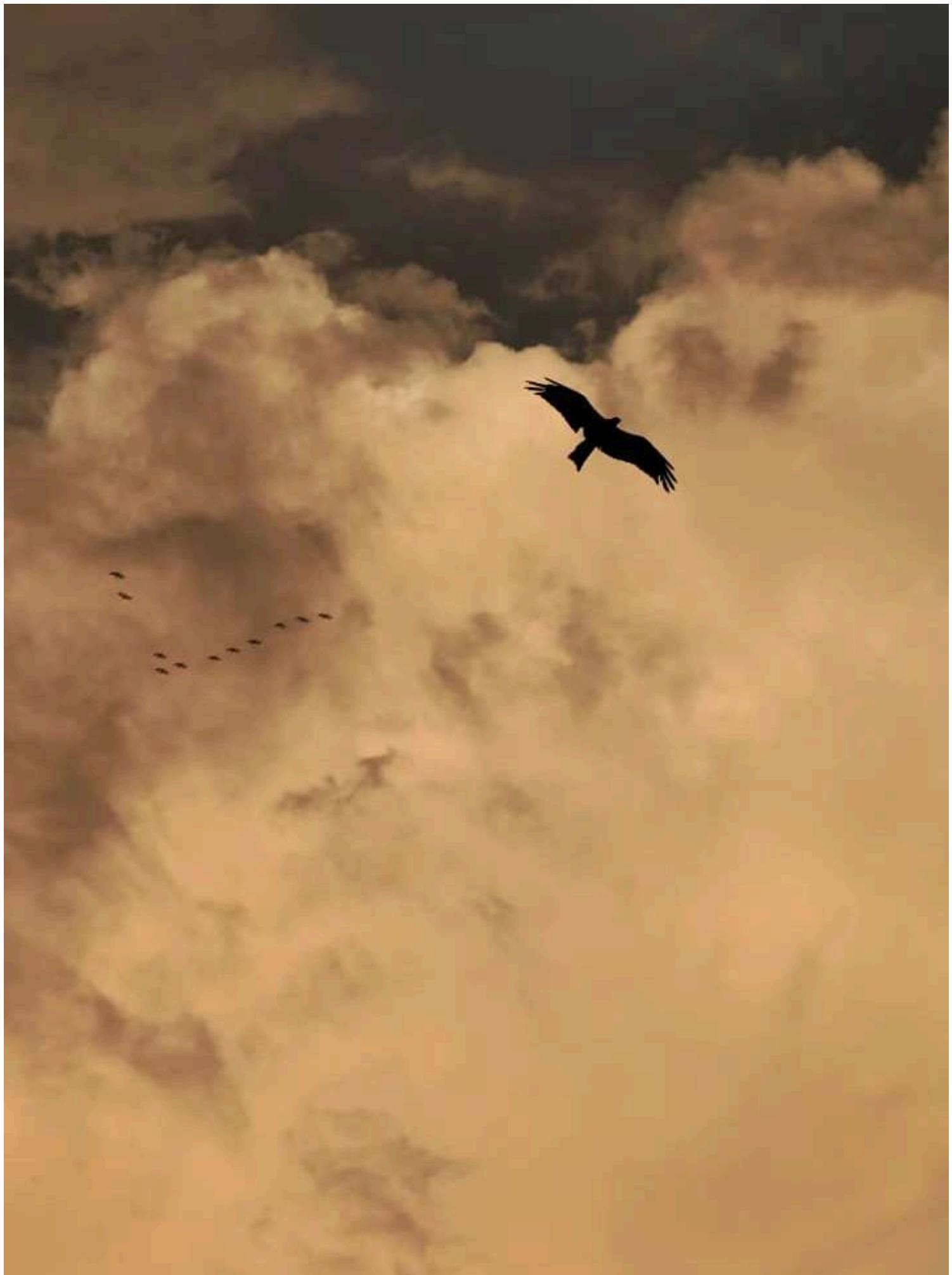
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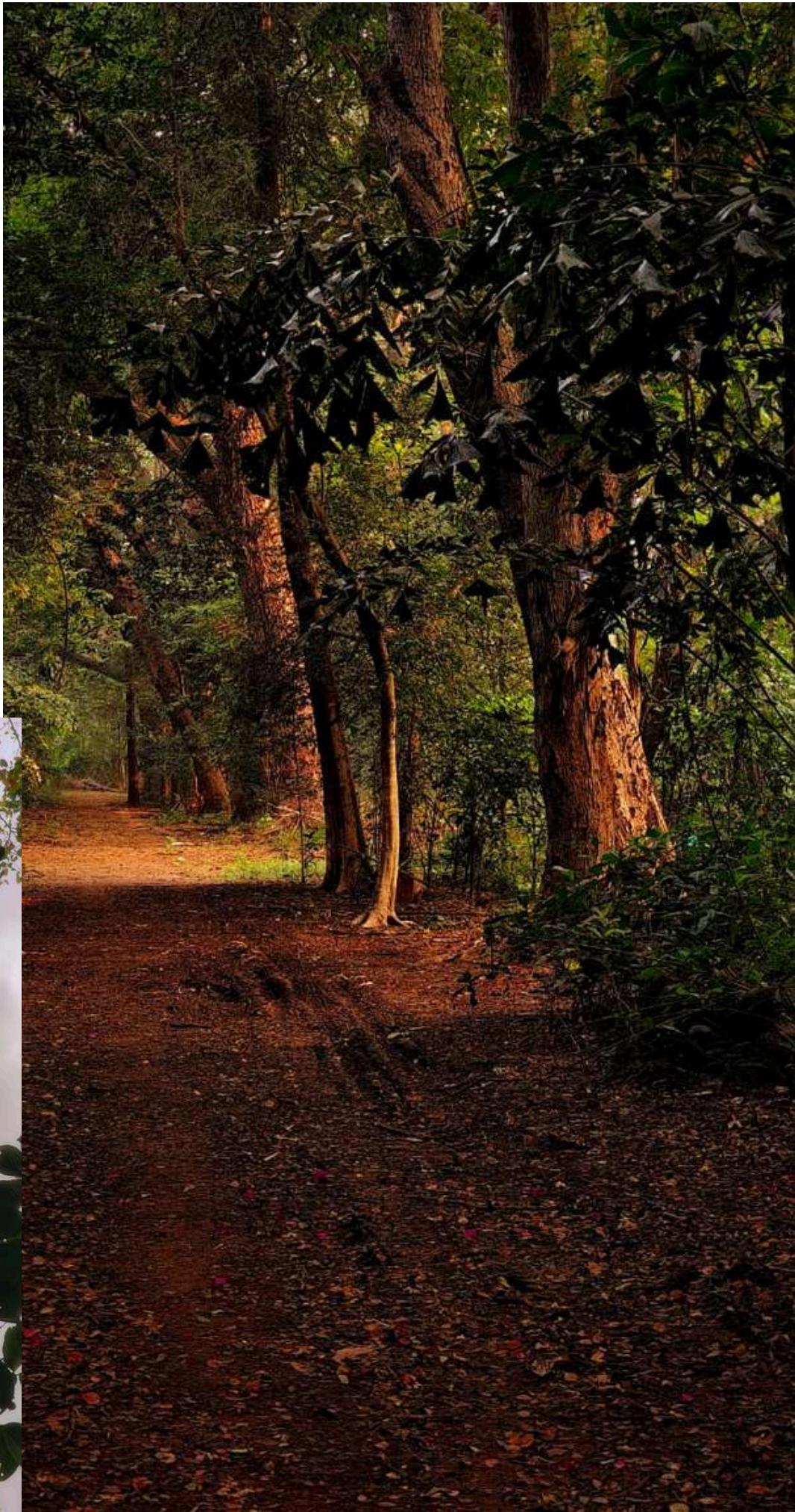
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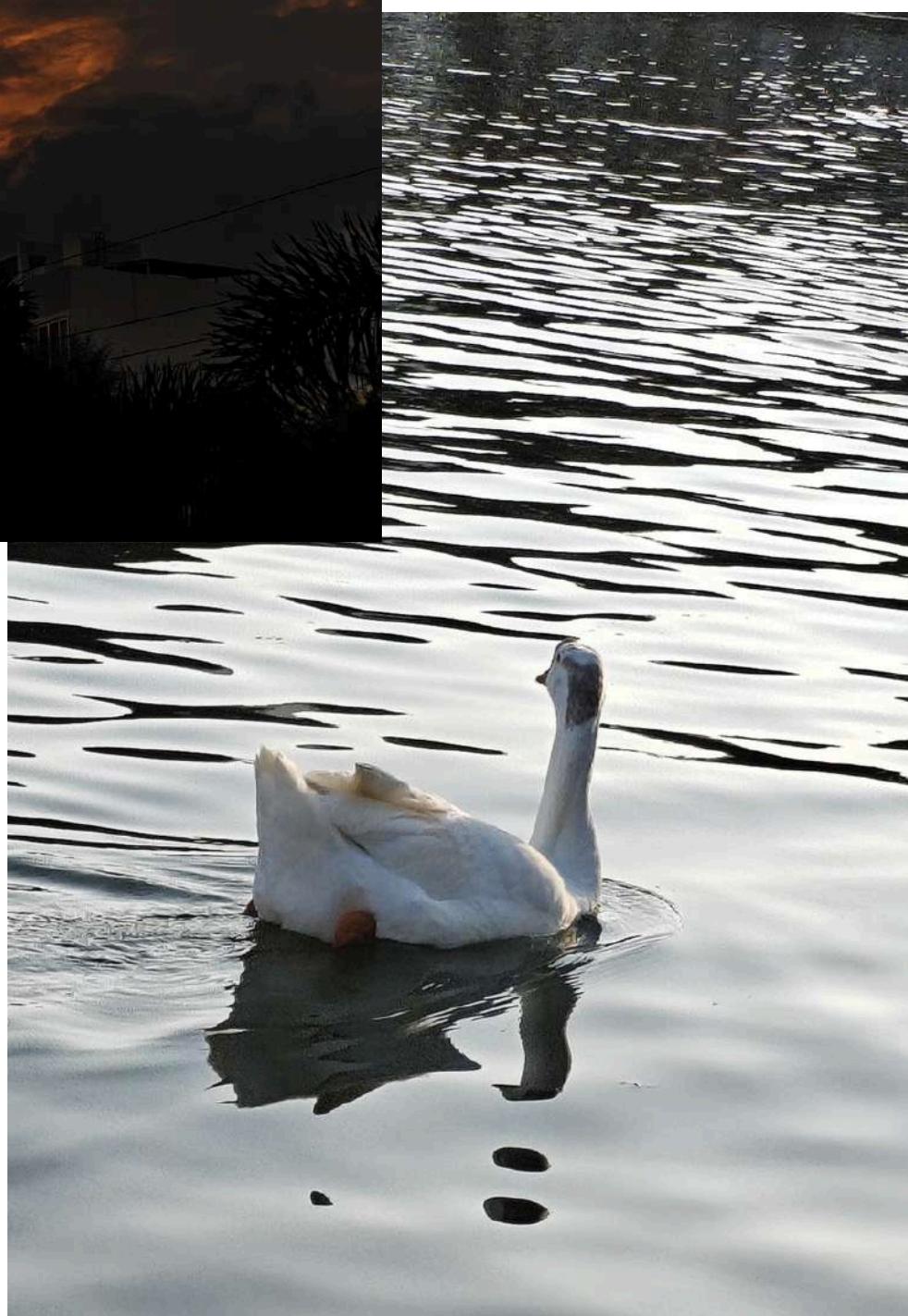
CLOSING THOUGHTS !!!

- In Concluding remark the magzine commitee would like to thanks everyone who contributed.

- At the same time this is an appeal to Forword or submit the article: technical, in Marathi some outstanding writing or poem, painting etc.