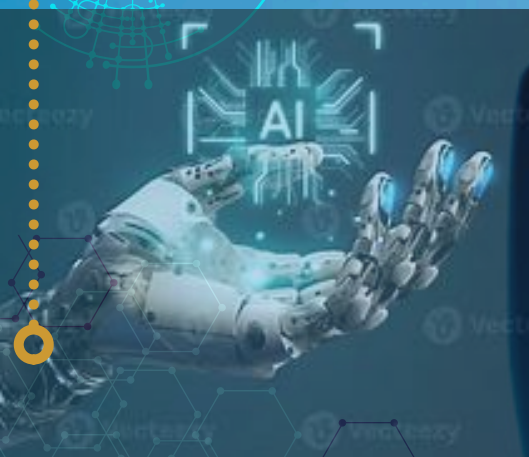
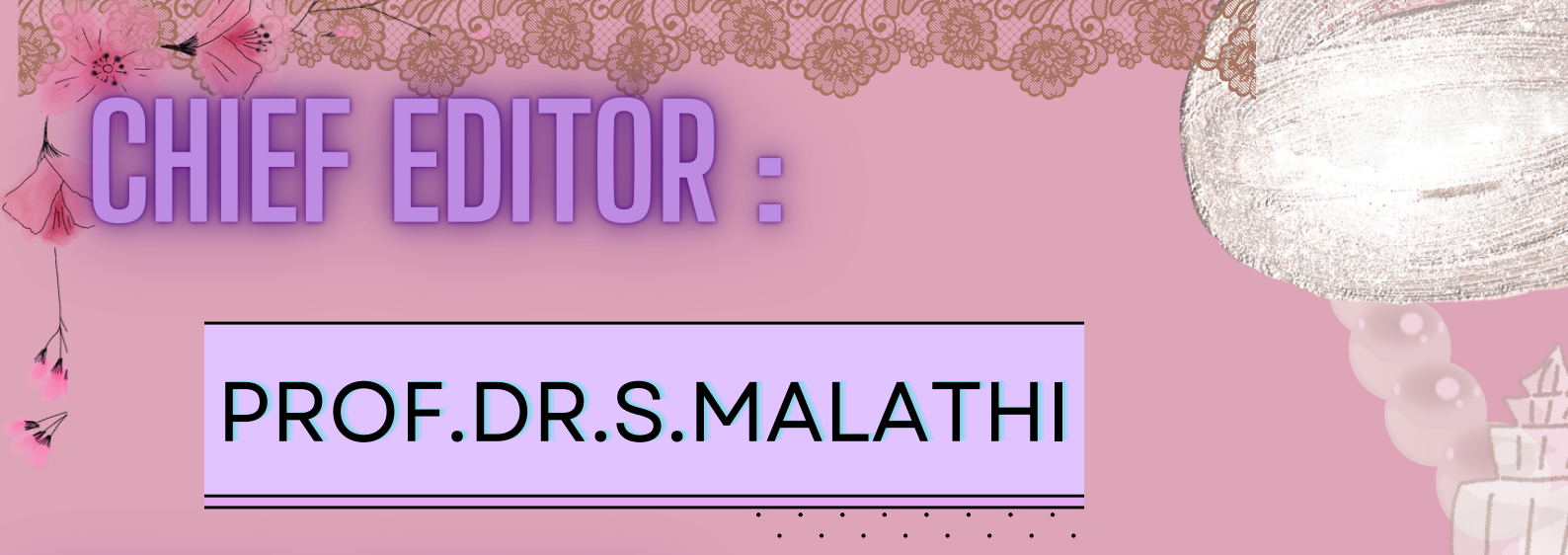


PANTMALAR ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION - JAISAKTHI EDUCATIONAL TRUST
(AFFILIATED TO ANNA UNIVERSITY, CHENNAI.)
APPROVED BY AICTE, UGC FOR 2(F) & 12(B) STATUS
ACCREDITED BY NATIONAL BOARD OF ACCREDITATION(NBA)



DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
DEPARTMENT MAGAZINE
CHRONICLE - 2025 - 2026



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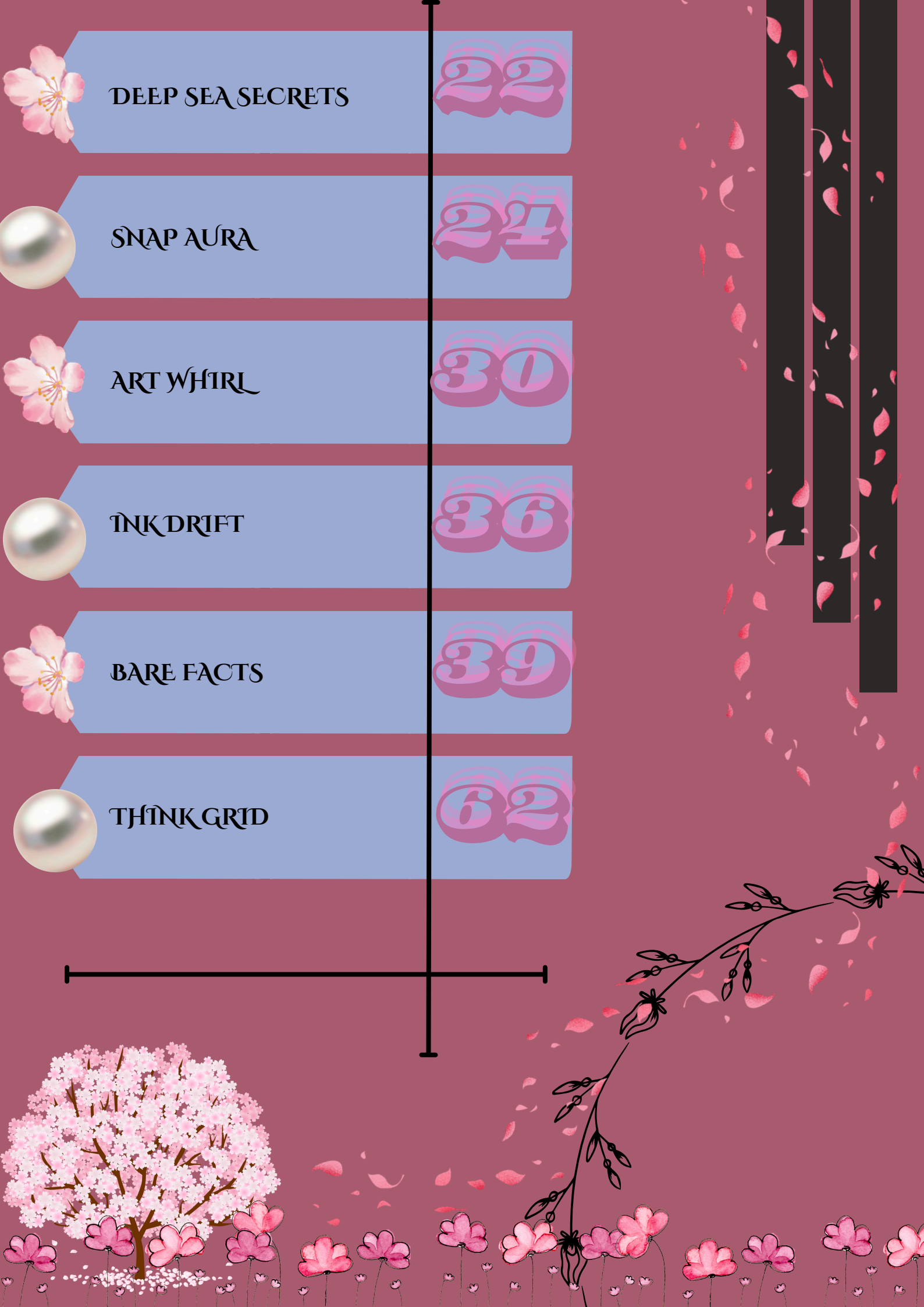
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ABOUT PANIMALAR ENGINEERING COLLEGE



ABOUT OUR COLLEGE :



**PANIMALAR ENGINEERING COLLEGE – SHAPING EXCELLENCE,
INSPIRING FUTURES**

Established under the visionary guidance of the Jaisakthi Educational Trust, Panimalar Engineering College stands as a distinguished Christian Minority Institution committed to excellence in technical education. Since its inception in 2000, the institution has consistently upheld its mission of delivering quality engineering and management education to aspiring young minds.

Renowned for its disciplined environment, state-of-the-art infrastructure, and highly qualified faculty, Panimalar creates a perfect blend of knowledge, ethics, and innovation. The institution emphasizes not only academic brilliance but also the holistic development of students, nurturing them into confident, value-driven individuals ready to meet the challenges of the corporate world.

Accredited by the National Board of Accreditation (NBA), approved by AICTE, and recognized by UGC under 12(B) & 2(f), the college maintains the highest standards of educational excellence. Strategically located near Poonamallee, Chennai, it serves as a hub of learning for students across Chennai, Kancheepuram, and Thiruvallur districts.

At Panimalar, education goes beyond textbooks—students are transformed into dynamic professionals with strong character, perseverance, and a commitment to success. With a stimulating academic atmosphere and a focus on innovation and discipline, the institution continues to mould the leaders and achievers of tomorrow.

ABOUT OUR DEPARTMENT :



DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE – INNOVATING THE FUTURE

Established in 2020, the Department of Artificial Intelligence & Data Science is rapidly emerging as a center of excellence in teaching, research, and innovation. With a team of experienced faculty, the department nurtures students with strong foundations in AI-driven technologies.

The B.Tech. AI & DS program equips students with expertise in Artificial Intelligence, Machine Learning, Deep Learning, Robotics, Data Analytics, and Natural Language Processing. The department also offers Ph.D. programs, fostering advanced research and development.

With a focus on industry-oriented learning, students gain practical exposure through guest lectures, workshops, industrial visits, and hands-on training. Backed by modern infrastructure and strong industry collaborations, the department is committed to shaping future leaders, innovators, and entrepreneurs in the evolving world of intelligent technologies.



MESSAGE FROM THE SECRETARY

THE MAGAZINE HIGHLIGHTS THE ACHIEVEMENTS OF THE DEPARTMENT AND THE TALENTS OF OUR STUDENTS, BLENDING IMPRESSIVE DESIGN WITH VALUABLE INSIGHTS.

I WANT TO ACKNOWLEDGE THE DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE FOR SHOWCASING THEIR REMARKABLE ACHIEVEMENTS AND THE TALENTS OF THEIR STUDENTS TO THE COMMUNITY. THEIR COMMITMENT SIGNIFICANTLY ENRICHES THE LEARNING EXPERIENCE.

I WISH BOTH THE MAGAZINE AND THE DEPARTMENT CONTINUED SUCCESS AND LOOK FORWARD TO THEIR FUTURE ACCOMPLISHMENTS.



DR.P.CHINNADURAI, M.A., PH.D.,

SECRETARY & CORRESPONDENT

PANIMALAR GROUP OF INSTITUTIONS

MESSAGE FROM THE DIRECTOR

THE FIELD OF TECHNOLOGY IS CONSTANTLY ADVANCING, OPENING UP EXCITING NEW POSSIBILITIES AS IF UNLOCKING MAGICAL DOORS TO ENDLESS DISCOVERIES.

THE MAGAZINE, FILLED WITH VALUABLE INFORMATION, INVITES READERS TO DELVE DEEPER AND ADVANCE, SUPPORTING THEIR JOURNEY TOWARD REACHING THEIR FULL POTENTIAL.

I SINCERELY WISH FOR THEIR CONTINUED SUCCESS AND HOPE THEY REACH NEW MILESTONES IN THE EVER-EVOLVING WORLD OF COMPUTING



DR. C. SAKTHIKUMAR, M.E., PH.D.,

DIRECTOR

PANIMALAR GROUP OF INSTITUTIONS

MESSAGE FROM THE DIRECTOR

AS WE CONTINUE TO STRIDE FORWARD WITH UNWAVERING DEDICATION TO NURTURING HOLISTIC GROWTH IN EVERY STUDENT, IT GIVES ME IMMENSE PRIDE AND JOY TO ADDRESS YOU THROUGH THE PAGES OF OUR ESTEEMED COLLEGE MAGAZINE.

THIS PUBLICATION STANDS AS A VIBRANT REFLECTION OF THE TALENT, IMAGINATION, AND HARD WORK THAT FLOURISH WITHIN OUR CAMPUS COMMUNITY. AT OUR COLLEGE, WE HAVE ALWAYS BELIEVED EDUCATION IS NOT CONFINED TO TEXTBOOKS AND CLASSROOMS; IT IS ABOUT SHAPING CONFIDENT, CREATIVE, AND COMPASSIONATE INDIVIDUALS READY TO MAKE MEANINGFUL CONTRIBUTIONS TO THE WORLD.

I ENCOURAGE EACH ONE OF YOU TO EXPLORE THIS MAGAZINE WITH AN OPEN HEART-ADMIRE THE CREATIVITY, APPRECIATE THE VOICES EXPRESSED, AND CELEBRATE THE COLLECTIVE ACHIEVEMENTS OF OUR STUDENTS. MAY THE PASSION AND DEDICATION SHOWCASED WITHIN THESE PAGES INSPIRE YOU TO PURSUE YOUR OWN DREAMS WITH COURAGE AND CONVICTION.



**DR. SARANYA SREE SAKTHI KUMAR B.E, M.B.A,
PH.D.**

DIRECTOR,

PANIMALAR GROUP OF INSTITUTIONS

MESSAGE FROM THE PRINCIPAL

I AM DELIGHTED TO PRESENT THE INFORMATION TECHNOLOGY DEPARTMENT MAGAZINE OF PANIMALAR ENGINEERING COLLEGE. I AM CONFIDENT THAT YOU WILL ENJOY READING IT, AS IT OFFERS AN INSIGHTFUL GLIMPSE INTO THE DYNAMIC ACTIVITIES AND ACCOMPLISHMENTS OF THIS VIBRANT DEPARTMENT.

MAY THIS MAGAZINE, AND THE MANY EDITIONS THAT FOLLOW, CONTINUE TO KEEP US INFORMED AND INSPIRED BY THE DEPARTMENT'S PROGRESS IN THE YEARS AHEAD.

MY WHOLEHEARTED CONGRATULATIONS TO THE HEAD OF THE DEPARTMENT, THE FACULTY MEMBERS, AND THE STUDENTS FOR THEIR COMMENDABLE EFFORT AND EXCEPTIONAL INITIATIVE IN BRINGING THIS PUBLICATION TO LIFE.



DR. K.MANI, M.E, PH.D

PRINCIPAL,

PANIMALAR ENGINEERING COLLEGE

VISION & MISSION OF THE INSTITUTE

VISION

TO TRANSFORM THE BUDDING ENGINEERS INTO
ACADEMICALLY EXCELLENT, HIGHLY INTELLECTUAL
AND SELF DISCIPLINED ENGINEERING GRADUATES TO
MOULD THEM AS GOOD CITIZENS WITH THE SPIRIT OF
INTEGRITY AND MORALITY THAT WOULD CATER TO THE
NEEDS OF OUR NATION.

MISSION

- TO IMPART QUALITY EDUCATION WITH HIGH STANDARDS OF EXCELLENCE IN ENGINEERING AND TECHNOLOGY.
- TO PROVIDE AN EXCELLENT INFRASTRUCTURE IN A SERENE AND CONDUCIVE ATMOSPHERE THAT WOULD MOTIVATE THE STUDENTS IN THEIR PURSUIT OF KNOWLEDGE IN THE FIELD OF ENGINEERING AND TECHNOLOGY.

VISION & MISSION OF THE DEPARTMENT

VISION



TO PRODUCE HIGH QUALITY CREATORS AND ETHICAL ENGINEERS FOR INNOVATIVE TECHNOLOGY IN THE FIELD OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE.

MISSION



- **M₁:** TO DEVELOP THE DEPARTMENT AS A CENTER OF ARTIFICIAL INTELLIGENCE FOR SIGNIFICANT BREAKTHROUGHS IN ADVANCING THE PROMISE OF HUMAN-MACHINE SYSTEMS THAT CAN ADDRESS COMPLEX COGNITIVE TASKS.
- **M₂:** TO IMPART QUALITY AND VALUE-BASED EDUCATION AND CONTRIBUTE TOWARDS THE INNOVATION OF COMPUTING DATA SCIENCE FOR THE TRANSLATION OF DATA INTO INFORMATION TO SUPPORT AND IMPROVE DECISION MAKING.
- **M₃:** TO PRODUCE ETHICAL ENGINEERS AND RESEARCHERS BY INCULCATE THE VALUES OF HUMANITY AND COURAGE IN PRODUCING RELEVANT SOLUTIONS TO ADDRESS BUSINESS AND SOCIETAL CHALLENGES.

PROGRAMME EDUCATIONAL OBJECTIVES(PEOS)

PEO 1: MASTERING AI AND DATA SCIENCE FOR HUMAN MACHINE SYNERGY

To enrich knowledge to the engineering students with cutting-edge technologies like Artificial Intelligence and Data science and enable them to develop innovative solutions to solve complex problems in various sectors and to enhance the synergy between humans and intelligent systems for optimal performance.

PEO 2: FOSTERING INTERDISCIPLINARY RESEARCH INNOVATION AND ETHICS

To engage the students in advanced research with special focus on AI and cultivate a deep knowledge of ethical frameworks that will contribute to the development of fair and accountable systems that prioritize societal well-being.

PEO 3: PATHWAYS TO PROFESSIONAL EXCELLENCE

To enable the students to secure successful careers through strong technical expertise and skill sets and drive them to pursue lifelong learning with integrity-driven mindset and become successful entrepreneurs.

PROGRAMME OUTCOMES (PO)

PO1: ENGINEERING KNOWLEDGE

Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: PROBLEM ANALYSIS

Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: DESIGN/DEVELOPMENT OF SOLUTIONS

Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS

Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: ENGINEERING TOOL USAGE

Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: THE ENGINEER AND THE WORLD

Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5 and WK7).

PO7: ETHICS

Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9).

PO8: INDIVIDUAL AND COLLABORATIVE TEAM WORK

Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: COMMUNICATION

Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences.

PO10: PROJECT MANAGEMENT AND FINANCE

Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

POII: LIFE LONG LEARNING

Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8) .

PROGRAMME SPECIFIC OUTCOMES (PSOS)

PSO 1: AI DRIVEN INNOVATION

Graduates should be able to evolve AI based efficient domain specific processes for effective decision making in several domains such as business and governance domains.

PSO 2 : DATA-DRIVEN DECISION MAKING INSIGHT

Graduates should be able to arrive at actionable fore sight, insight, hind sight from data for solving business and engineering problems.

PSO 3 : SOCIETAL INTELLIGENCE SOLUTIONS

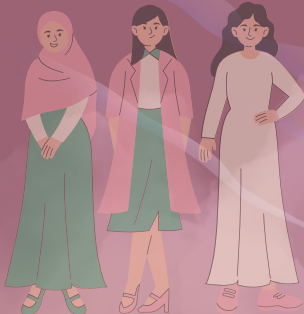
Graduates should be able to create, select and apply the theoretical knowledge of AI and Data Analytics along with practical industrial tools and techniques to manage and solve wicked societal problems.

DEPARTMENT ACTIVITIES

DATA XSCAPE 2K26

Data Escape Hackathon is more than just a competition—it's a celebration of innovation, creativity, and problem-solving. Designed to challenge the brightest minds, this high-energy event brings together passionate students, developers, designers, and innovators to collaborate, compete, and create meaningful solutions for real-world problems. Participants are pushed beyond their comfort zones as they race against time, transforming raw ideas into functional prototypes through teamwork, critical thinking, and technical excellence.





TECHDIVATHON

TECHDIVATHON is an empowering 24-hour women-centric hackathon that celebrates innovation, diversity, and the limitless potential of women in technology. Bringing together talented minds from diverse backgrounds, the event challenges participants to solve real-world problems through creativity, collaboration, and cutting-edge technology.



ICONIC 2K26



ICONIC 2K26 is the flagship IEEE technical conference hosted by Panimalar Engineering College, bringing together students, researchers, academicians, and industry professionals on a common platform to celebrate innovation, research, and technological excellence. The event features a Paper Presentation and Project Expo, providing participants with the opportunity to showcase groundbreaking research, innovative ideas, and practical engineering solutions.





TECH

PREVIEW



AI GADGETS: EMERGING TOOLS FOR MODERN LIFE

1. AI SMART GLASSES – META RAY-BAN

- WEARABLE GLASSES WITH AI VISION AND VOICE ASSISTANCE.
- USED FOR NAVIGATION, TRANSLATION, AND NOTIFICATIONS.

2. AI VOICE ASSISTANTS – GENERATIVE AI DEVICES

- ADVANCED ASSISTANTS WITH HUMAN-LIKE CONVERSATIONS.
- USED FOR AUTOMATION, SCHEDULING, AND PERSONALIZED HELP.

3. AI WEARABLE HEALTH MONITORS – APPLE WATCH

- SMART DEVICES FOR TRACKING HEALTH AND FITNESS.
- MONITORS HEART RATE, SLEEP, AND DETECTS HEALTH ISSUES.

4. AI PERSONAL ROBOTS – AMAZON ASTRO

- ROBOTS DESIGNED FOR HOME ASSISTANCE AND COMPANIONSHIP.
- USED FOR DAILY TASKS, MONITORING, AND ELDERLY CARE.

5. AI SMART HOME CAMERAS

- SECURITY CAMERAS WITH AI-BASED DETECTION.
- IDENTIFIES PEOPLE, OBJECTS, AND SUSPICIOUS ACTIVITY.

6. AI DRONES

- DRONES WITH AI NAVIGATION AND AUTOMATION.
- USED IN AGRICULTURE, SURVEILLANCE, DELIVERY, AND MAPPING.

7. AI WRITING / NOTE DEVICES – PLAUD AI

- SMART TOOLS FOR RECORDING AND SUMMARIZING NOTES.
- USED IN MEETINGS, LECTURES, AND PRODUCTIVITY TASKS.

8. AI FITNESS COACHES – TEMPO STUDIO

- AI-POWERED DEVICES FOR GUIDED WORKOUTS.
- HELPS IN POSTURE CORRECTION AND FITNESS TRACKING.

9. AI LANGUAGE TRANSLATOR DEVICES

- PORTABLE DEVICES FOR REAL-TIME TRANSLATION.
- USEFUL FOR TRAVEL AND MULTILINGUAL COMMUNICATION.

10. AI SMART RINGS – OURA RING

- COMPACT RINGS WITH AI HEALTH TRACKING SENSORS.
- MONITORS SLEEP, ACTIVITY, AND OVERALL WELLNESS.

ANANDHA KUMAR.R.K

III-‘H’

AI EVERYWHERE: POWERFUL TOOLS FOR EVERY USE CASE

1. CHATBOTS & CONVERSATIONAL AI – CHATGPT

USED FOR ANSWERING QUERIES, CUSTOMER SUPPORT, AND VIRTUAL ASSISTANCE. PROVIDES HUMAN-LIKE CONVERSATIONS AND AUTOMATES COMMUNICATION TASKS

2. AI WRITING TOOLS – GRAMMARLY

HELPS IN GRAMMAR CORRECTION, CONTENT WRITING, AND TONE IMPROVEMENT. WIDELY USED BY STUDENTS AND PROFESSIONALS FOR BETTER WRITING QUALITY.

3. IMAGE GENERATION – MIDJOURNEY

CREATES HIGH-QUALITY IMAGES FROM SIMPLE TEXT PROMPTS. USED IN DESIGN, MARKETING, AND CREATIVE PROJECTS.

4. VIDEO CREATION – SYNTHESIA

CONVERTS TEXT INTO VIDEOS USING AI AVATARS AND VOICEOVERS. USEFUL FOR TRAINING, PRESENTATIONS, AND MARKETING VIDEOS.

5. AI SEARCH ENGINES – PERPLEXITY AI

PROVIDES DIRECT ANSWERS WITH SOURCES INSTEAD OF TRADITIONAL SEARCH RESULTS. HELPS IN RESEARCH, LEARNING, AND QUICK INFORMATION RETRIEVAL.

6. CODING ASSISTANTS – GITHUB COPILOT

GENERATES CODE SUGGESTIONS AND HELPS DEVELOPERS WRITE FASTER. SUPPORTS MULTIPLE PROGRAMMING LANGUAGES AND IMPROVES PRODUCTIVITY.

7. PRODUCTIVITY & WORKSPACE – NOTION AI

ASSISTS IN NOTE-TAKING, SUMMARIZATION, AND TASK MANAGEMENT. IMPROVES ORGANIZATION AND WORKFLOW EFFICIENCY.

8. AUTOMATION TOOLS – ZAPIER

AUTOMATES REPETITIVE TASKS BY CONNECTING DIFFERENT APPLICATIONS. REDUCES MANUAL WORK AND SAVES TIME IN BUSINESS PROCESSES.

9. SPEECH & VOICE AI – ELEVENLABS

GENERATES REALISTIC VOICEOVERS AND CONVERTS TEXT TO SPEECH. USED IN AUDIOBOOKS, VIDEOS, AND VIRTUAL ASSISTANTS.

10. DATA ANALYSIS & BI – TABLEAU

USES AI TO ANALYZE DATA AND CREATE INTERACTIVE DASHBOARDS. HELPS BUSINESSES MAKE DATA-DRIVEN DECISIONS.

AI EVERYWHERE: POWERFUL TOOLS ACROSS DIFFERENT SECTORS

1. GOOGLE DEEPMIND HEALTH

AN ADVANCED ARTIFICIAL INTELLIGENCE TO ANALYZE MEDICAL DATA SUCH AS SCANS AND PATIENT RECORDS FOR EARLY AND ACCURATE DISEASE DETECTION. IT HELPS DOCTORS MAKE FASTER, DATA-DRIVEN DECISIONS, IMPROVING DIAGNOSIS QUALITY AND PATIENT OUTCOMES.

2. DARKTRACE

AI-POWERED SECURITY PLATFORM THAT ACTS LIKE A DIGITAL IMMUNE SYSTEM, AUTOMATICALLY DETECTING AND NEUTRALIZING CYBER THREATS BY IDENTIFYING DEVIATIONS FROM A NETWORK'S "NORMAL" BEHAVIOR IN REAL-TIME.

3. TABNINE

AN AI-POWERED CODING ASSISTANT THAT PROVIDES INTELLIGENT CODE SUGGESTIONS AND AUTO-COMPLETIONS AS DEVELOPERS WRITE PROGRAMS. IT ENHANCES PRODUCTIVITY BY LEARNING CODING PATTERNS AND HELPING GENERATE ACCURATE, CONTEXT-AWARE CODE SNIPPETS IN REAL TIME.

4. JOHN DEERE AI

USES AI IN AGRICULTURAL MACHINES FOR REAL-TIME CROP AND SOIL ANALYSIS. HELPS FARMERS MAKE DATA-DRIVEN DECISIONS FOR PLANTING, SPRAYING, AND HARVESTING. IMPROVES YIELD WHILE MINIMIZING RESOURCE USAGE.

5. UNITY ML-AGENTS

AN MACHINE LEARNING FRAMEWORK ALLOWING DEVELOPERS TO TRAIN SMART AGENTS IN GAME ENVIRONMENTS WITH REINFORCEMENT LEARNING. IT ENABLES VIRTUAL CHARACTERS TO TRAIN THEIR BEHAVIORS SUCH AS MOVEMENT, DECISION-MAKING, AND STRATEGY BY SIMULATING AND INTERACTING.

6. TESLA AUTOPILOT

TESLA AUTOPILOT USES ADVANCED NEURAL NETWORKS TO INTERPRET ROAD CONDITIONS AND ASSIST WITH STEERING, ACCELERATION, AND BRAKING.

BY LEARNING FROM VAST DRIVING DATA, IT ENHANCES VEHICLE AWARENESS AND SUPPORTS SAFER, MORE EFFICIENT DRIVING EXPERIENCES.

7. CASETEXT

AN AI-BASED LEGAL RESEARCH ASSISTANT FOR LAWYERS AND PROFESSIONALS. USES NATURAL LANGUAGE PROCESSING TO ANALYZE LEGAL DOCUMENTS AND QUERIES. PROVIDES RELEVANT CASE LAWS AND INSIGHTS QUICKLY AND EFFICIENTLY.

SANTHYA R

III-‘C’

SPACE



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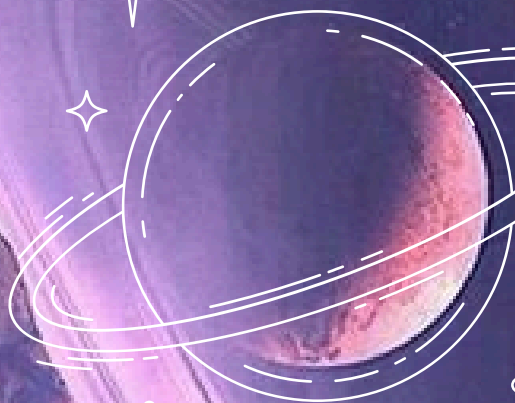
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ASTRO FACTS

1. NEW MOON OF URANUS DISCOVERED 🌙

A NEW MOON ORBITING URANUS WAS IDENTIFIED. THIS INCREASES ITS TOTAL KNOWN MOONS TO 29.

2. BLACK HOLES CAN "SING" 🎵

BLACK HOLES LIKE THOSE STUDIED BY LIGO PRODUCE VIBRATIONS. THESE WAVES CAN BE CONVERTED INTO SOUND FREQUENCIES SCIENTISTS CAN ANALYZE.

3. THE UNIVERSE IS EXPANDING FASTER 🚀

GALAXIES ARE MOVING AWAY FROM EACH OTHER AT INCREASING SPEED. THIS IS DUE TO A MYSTERIOUS FORCE CALLED DARK ENERGY.

4. THERE ARE MORE STARS THAN GRAINS OF SAND ✨

THE OBSERVABLE UNIVERSE HAS BILLIONS OF GALAXIES WITH TRILLIONS OF STARS. THAT'S MORE THAN ALL THE SAND GRAINS ON EARTH COMBINED!

5. A DAY ON VENUS IS LONGER THAN A YEAR ⌚

ON VENUS, ONE FULL ROTATION TAKES LONGER THAN ITS ORBIT AROUND THE SUN. THIS MAKES ITS DAY LONGER THAN ITS YEAR.

6. JUPITER HAS A GIANT STORM 🌀

JUPITER HAS A STORM CALLED THE GREAT RED SPOT. IT HAS BEEN RAGING CONTINUOUSLY FOR OVER 300 YEARS.

7. THE SUN IS EXTREMELY POWERFUL ☀️

SUN RELEASES MORE ENERGY IN ONE SECOND THAN HUMANS USE IN YEARS. IT POWERS ALL LIFE AND WEATHER ON EARTH.

8. HUMANS ARE PLANNING MISSIONS TO MARS 🚀

ORGANIZATIONS LIKE NASA ARE PREPARING FUTURE HUMAN MISSIONS. THIS COULD MAKE HUMANS A MULTI-PLANETARY SPECIES SOON.

SURENDHAR. R.A

III-'D'

DEEP SEA SECRETS



淘圖

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INTO THE ABYSS

1. OCTOPUSES ARE MASTER ESCAPE ARTISTS 🐙

OCTOPUS CAN SQUEEZE THROUGH TINY GAPS DUE TO THEIR SOFT BODIES. THEY ARE HIGHLY INTELLIGENT AND CAN SOLVE PUZZLES EASILY.

2. SOME FISH CAN CHANGE GENDER 🐟

SPECIES LIKE CLOWNFISH CAN SWITCH GENDER DURING THEIR LIFETIME. THIS HELPS MAINTAIN BALANCE IN THEIR SOCIAL GROUPS.

3. JELLYFISH ARE ALMOST IMMORTAL 🪼

THE TURRITOPSIS DOHRNII CAN REVERT TO ITS YOUNGER FORM. THIS ALLOWS IT TO POTENTIALLY LIVE INDEFINITELY UNDER THE RIGHT CONDITIONS.

4. SHARKS HAVE BEEN AROUND LONGER THAN DINOSAURS 🦈

SHARK SPECIES HAVE EXISTED FOR OVER 400 MILLION YEARS. THEY SURVIVED MULTIPLE MASS EXTINCTION EVENTS.

5. DOLPHINS HAVE UNIQUE "NAMES" 🐬

DOLPHIN USE SPECIFIC WHISTLE SOUNDS TO IDENTIFY EACH OTHER. THIS WORKS LIKE HUMAN NAMES IN COMMUNICATION.

6. DEEP-SEA CREATURES GLOW IN DARKNESS ✨

MANY SEA ANIMALS USE BIOLUMINESCENCE TO SURVIVE. IT HELPS THEM ATTRACT PREY AND AVOID PREDATORS.

7. SEA TURTLES NAVIGATE LIKE GPS 🐢

SEA TURTLE USE EARTH'S MAGNETIC FIELD TO TRAVEL LONG DISTANCES. THEY RETURN TO THE SAME BEACH WHERE THEY WERE BORN.

8. SOME CREATURES SURVIVE EXTREME DEPTHS 🌊

ANIMALS LIKE THE ANGLERFISH LIVE IN COMPLETE DARKNESS AND HIGH PRESSURE. THEY HAVE ADAPTED UNIQUE FEATURES TO SURVIVE.

9. CORAL REEFS ARE LIVING STRUCTURES 🪸

CORAL REEFS ARE BUILT BY TINY LIVING ORGANISMS. THEY SUPPORT A VAST DIVERSITY OF MARINE LIFE.

10. SEAHORSES HAVE MALE PREGNANCY 🐠🐡

SEAHORSE MALES CARRY AND GIVE BIRTH TO BABIES. THIS IS ONE OF THE RARE CASES OF ROLE REVERSAL IN NATURE.

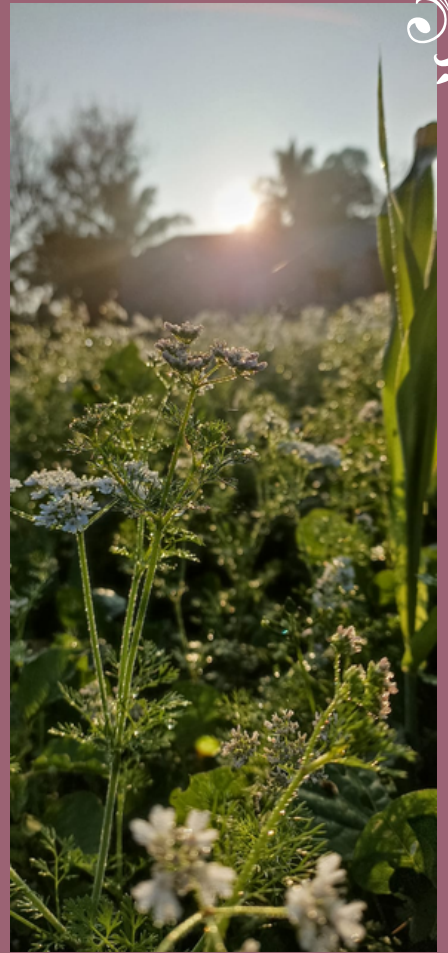
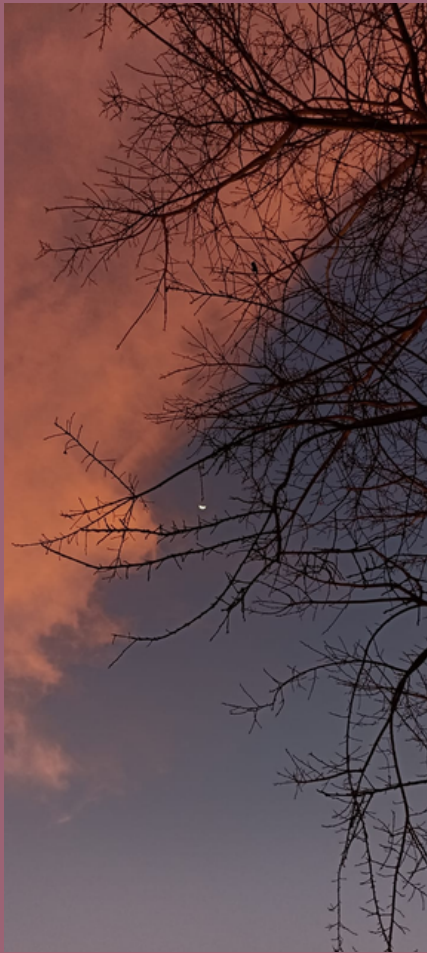
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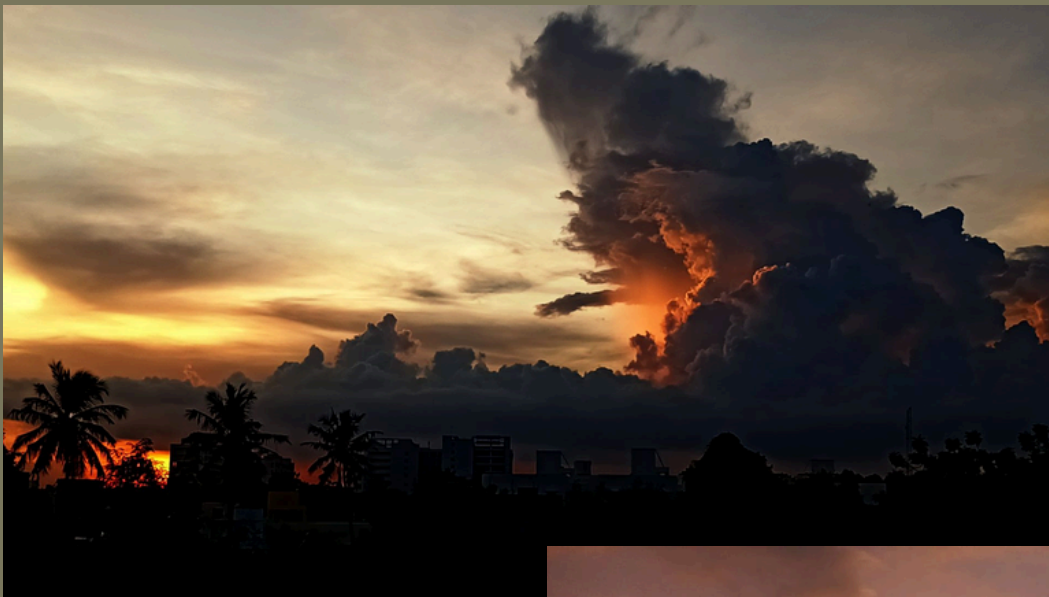


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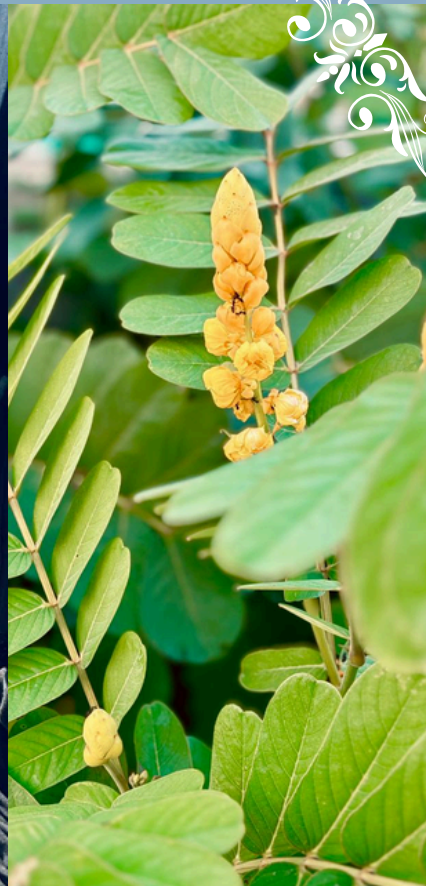


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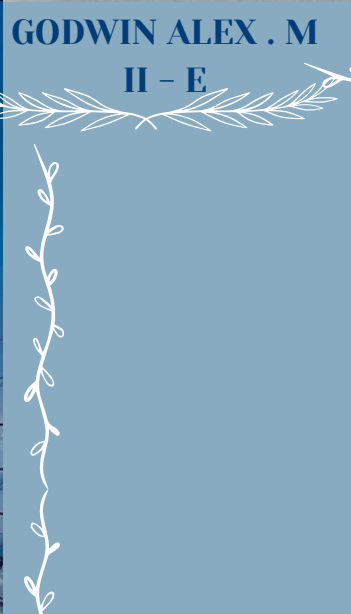


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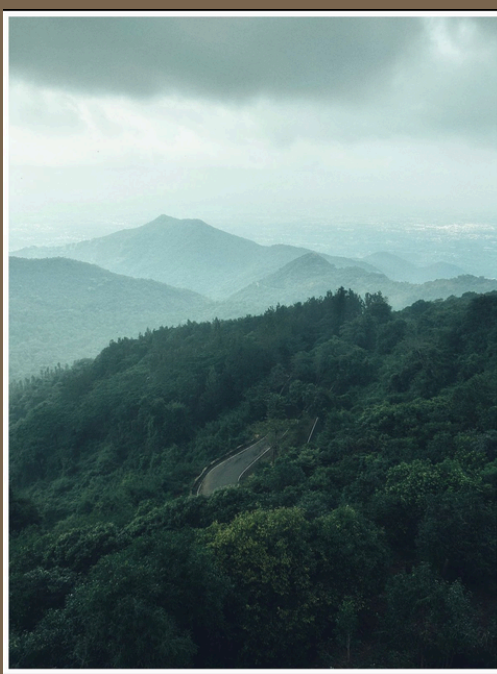
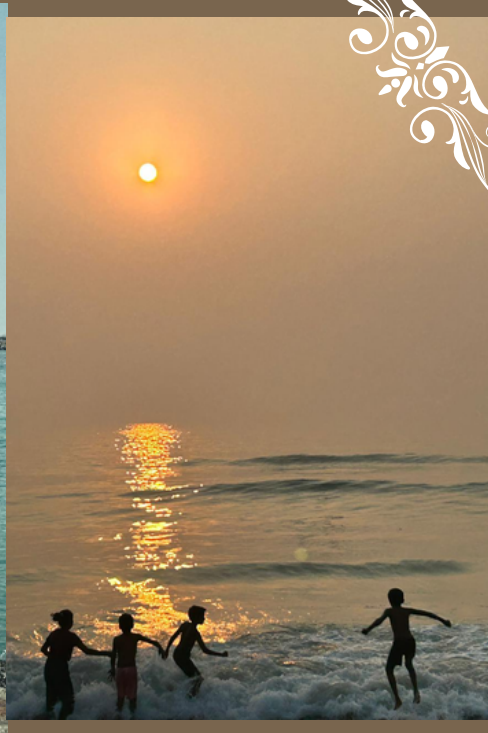


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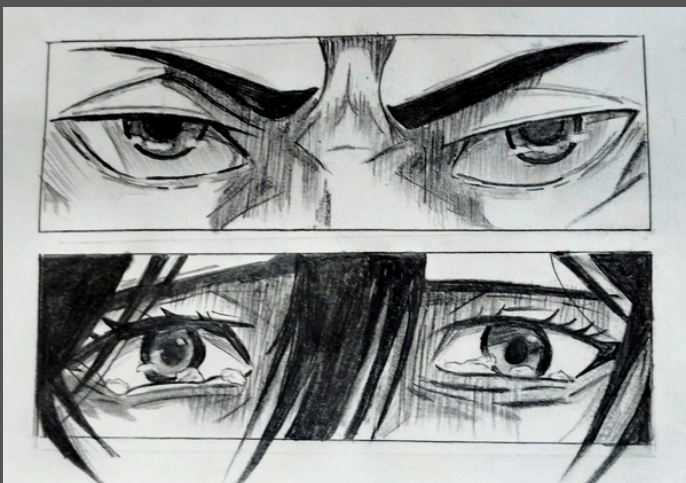
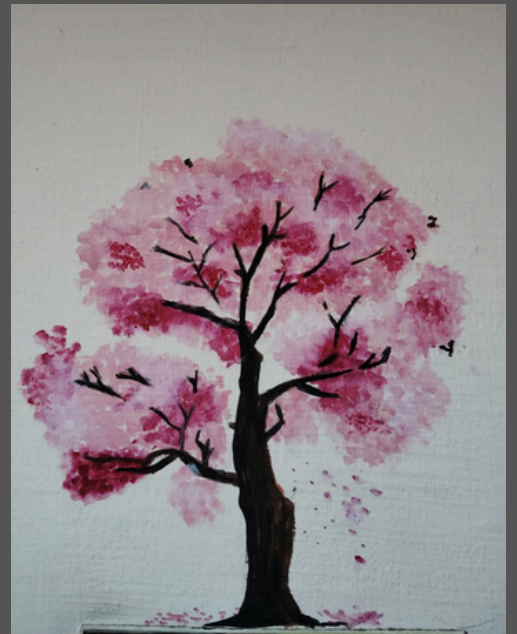
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III - G

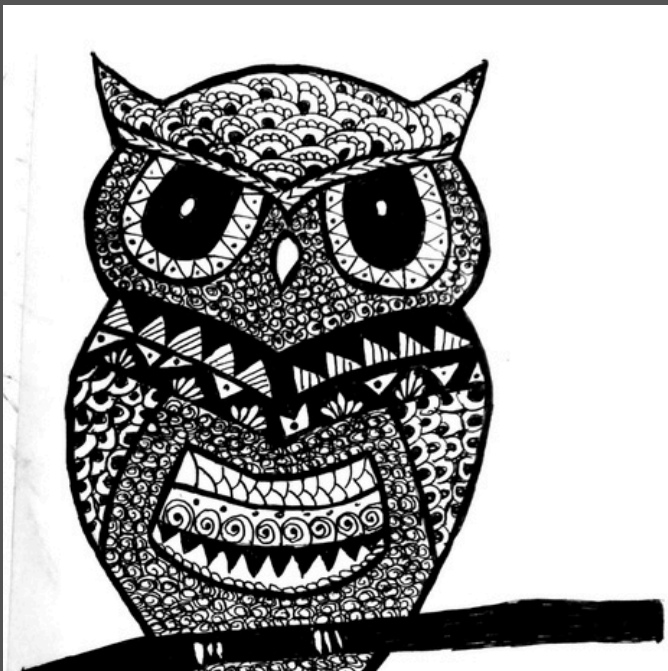




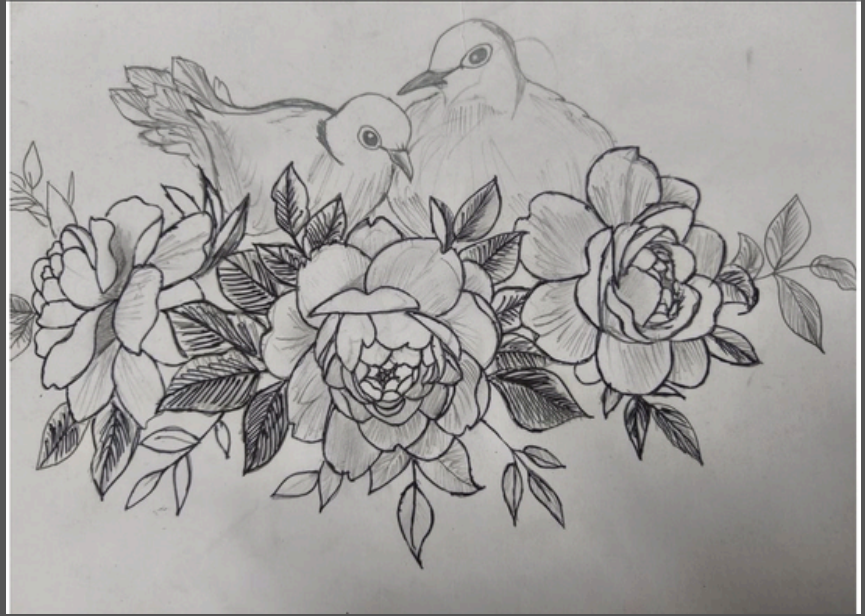
ART Whirl



CHERIE LYDIA . A
II - A

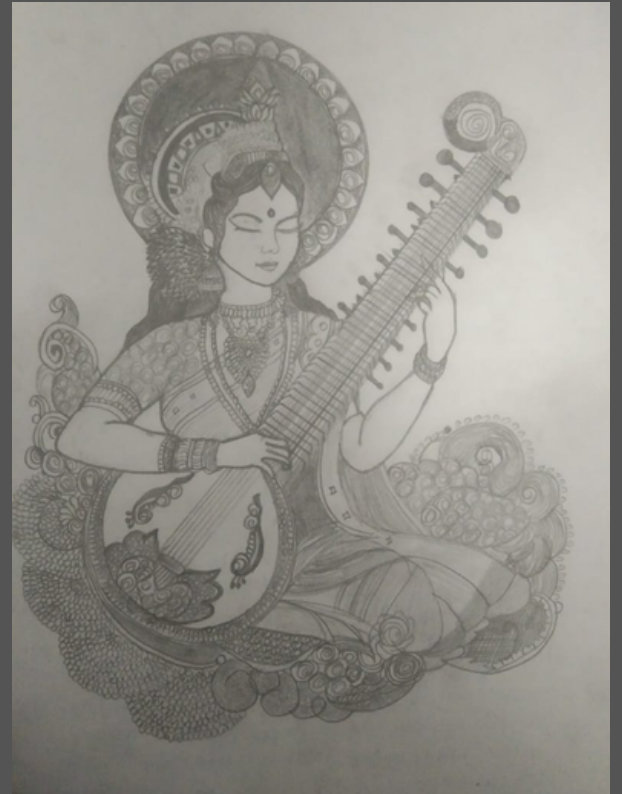
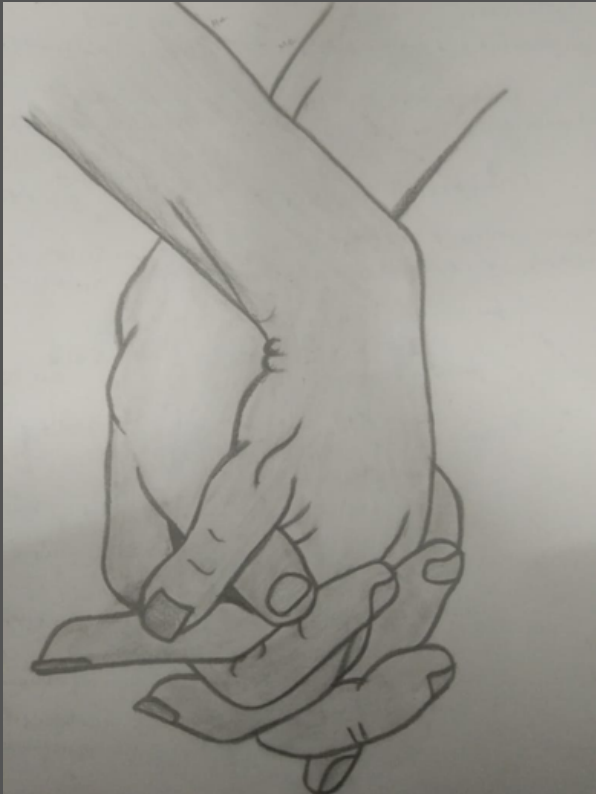


POOVARASAN



KANMANI . M

II - B



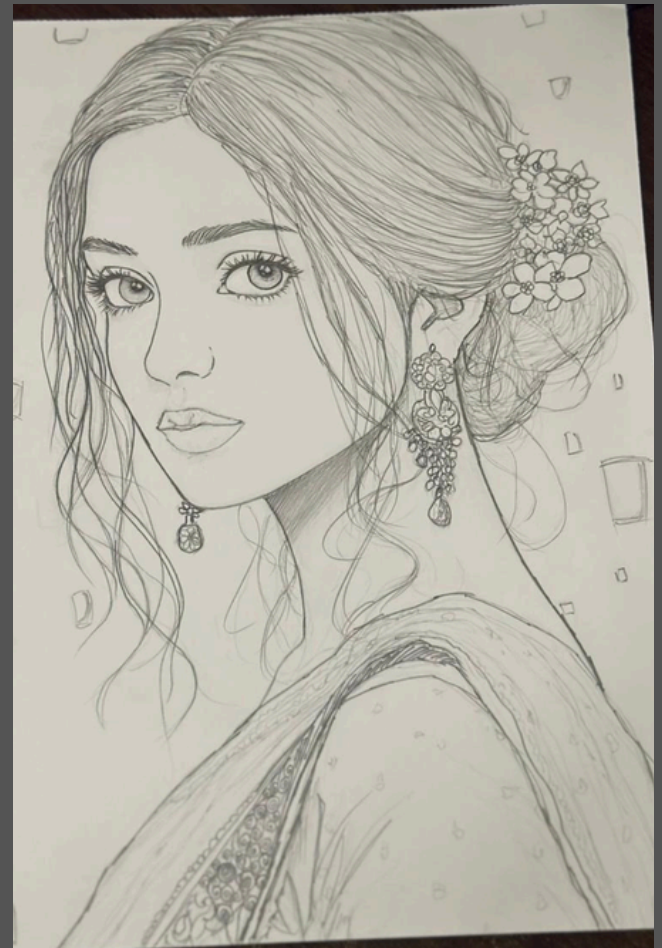
SWETHA

II - C





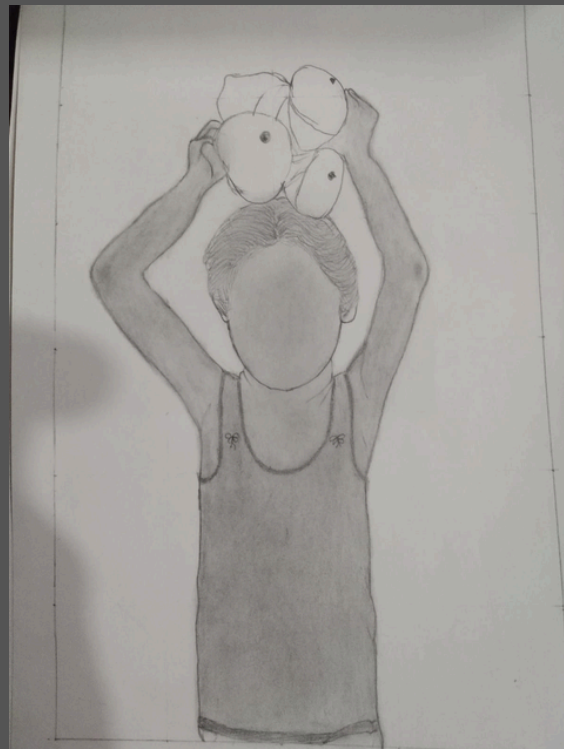
VASUNDHARA. L
II - C



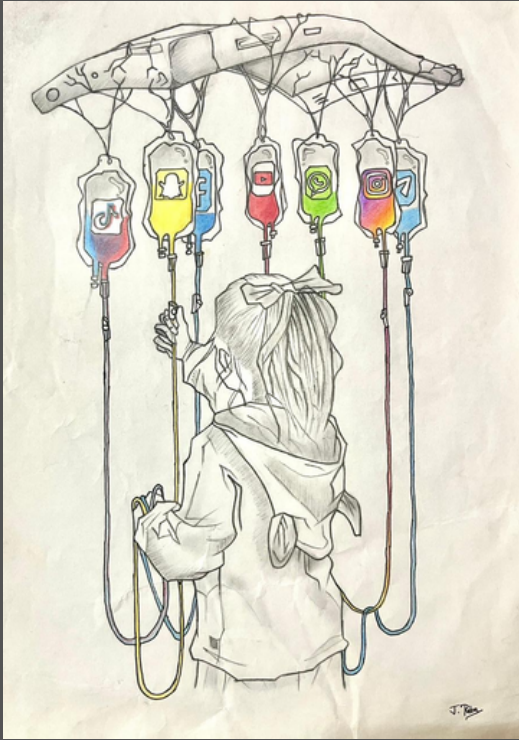
IRFAN MARICHAMY
III - G



HARI PRASAANTH
III – G



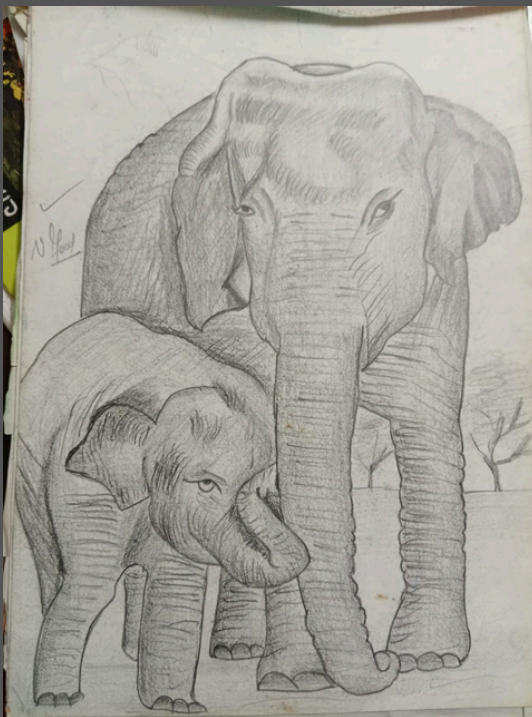
YUVASRI
III – C



RUBA DARSHINI .J
III - C



AMUDALA BHADDRESH
II - D



MUKILA . S
II - B



EILEEN DELCY
II - B

INK DRIFT





பிறர் பார்வைக்கு உன்னை மாற்றாதே,
 உன் உண்மையை எங்கும் நீ மறைக்காதே.
 உன் உள்ளம் எழுப்பும் குரலே உண்மையே,
 அதை அடக்கும் பயமே உனக்கே தடையே.
 உறுதியாய் நின்றால் உயரங்கள் நெருங்குமே,
 உன் உண்மை முன் உலகமே தன்னை
 மாற்றிக்கொள்ளுமே.

SANTHYA . R

III - 'C'



ME LIKE A MOON 🌙

NOT COMPARED IN THE WAY OF BEAUTY BUT.....
 IN THE WAY HOW IT STANDS ALONE IN THE DARK
 AND CARRIES THE CURSE OF....

NOT ABLE TO STAY CLOSE WITH THE PERSON IT LOVES
 LIKE HOW MOON IS UNABLE TO STAY WITH SUN..
 WHO GIVES WARMTH AND LIGHT TO IT'S COLD AND
 DULL LIFE...

SIVASAKTHI S

III - 'C'

என் உலகம், என் குட்டி ஸ்டோரி!
 அமைதி என் அழகு, அது பலருக்குத் தெரியாது,
 பிடித்தவர் கூட்டத்தில் என் பேச்சிற்கு
 அளவே கிடையாது!

LIFE IS VERY SHORT NANBA,

கவலைகளைத் தள்ளி வைப்போம்,
 ALWAYS BE HAPPY-னு புன்னகையை அள்ளி வைப்போம்!
 உண்மையான நட்பு கிடைத்தால், பேசும் தேன்துளி நான்,
 தன்னம்பிக்கை குறையாமல் என்றும் உயரும்
 வான்மழை நான்!

தனிமையில் கெத்து காட்டி, உன் பாதையில் நீ நில்லு,
 எப்பவும் சில்லா இருந்து, உன் 'குட்டி ஸ்டோரி'ய நீ
 சொல்லு!

SEENI PRIYAMANI. C

III - 'C'





...❤️👩 அம்மா என் அழகிய தேவதையே...❤️❤️

கருவில் என்னை சுமந்து இந்த உலகிற்கு என்னை
அறிமுகப்படுத்தியவளே!...❤️

உன்னை அம்மா என்று அழைத்தவுடன் என்னை
அரவணைத்து முதல்முத்தமிட்டவளே!...❤️
என்னை உன் மடியில் தாலாட்டியவளே என் அன்பு
தேவதையே!...👩🤔

என் உறவை உன் உயிராக நினைத்தவளே!...❤️
உன்னை நினைக்கும் பொழுதெல்லாம் என் கண்கள்
கலங்குகிறது.🤔

உன் கஷ்டத்தை பார்க்கும் பொழுதெல்லாம் என் நெஞ்சம்
உடைகிறது...❤️❤️

என் படிப்பை உன் படிப்பாக கொண்டு என்னை சரியான
பாதையில் நடத்துபவளே என் அழகிய தேவதையே...🛣️👑🦋
நான் நாள் முழுவதும் கண் விழித்து படிப்பது உன் கஷ்டத்தை
போக்கவா?... அல்ல!...😊😊

என் தங்க தேவதையாக உன்னை ஜொலிக்க வைப்பதற்கு...



கஷ்டம் வரும்போது எல்லாம் உன் மடியில் சாய்ந்தேன்....
என்னை தடவி கொடுத்து முத்தமிட்டு என் கஷ்டத்திற்கு ஒரு
தீர்வாக நின்றவளே என் அன்பு தேவதையே...👑👑

சண்டையிட்டாலும் உடனே என்னை தேடி வந்து

அரவணைக்கும் என் அழகிய உறவே...👩😊

எனக்கு அம்மாவாக தோன்றி அன்பால் அரவணைத்து

தோழியாக உறவாடி இப்பொழுது என் பாதி உயிராக

இருப்பவளே என் அன்பு தேவதையே...👩❤️👩

உன் பத்து கைவிரல்களில் வைர கற்களாலும்...💍💎

உன்னை விலை உயர்ந்த பட்டுப்புடவை ஆளும்....🎄🎄👩❤️

உன் அழகிய கழுத்தில் தங்கத்தாலும்....🏛️✨✨

உன் அழகிய கால்களில் வெள்ளியாலும்....💎

உன்னை அழகுப்படுத்துவேன் என் அம்மா...👑🤔

அதற்கு நான் ஆகுவேன் கலெக்டர்(COLLECTOR) அம்மா...🎓🎤

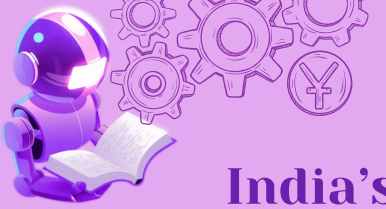




bare facts

STRAIGHT TALKS

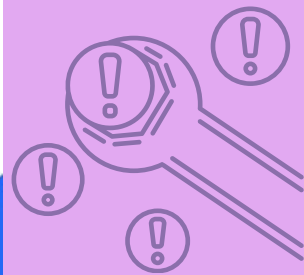
-  TECHNICAL ARTICLES
-  BIOGRAPHY
-  STORIES



India's Rise as an AI Superpower: Opportunities, Impact, and the Road Ahead

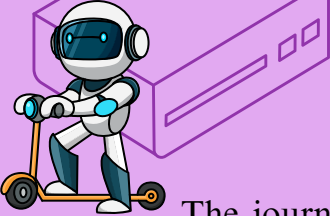
Artificial Intelligence (AI) is no longer a distant concept reserved for science fiction; it has become a defining force of the present era. Across the globe, nations are competing to harness its power, but among them, India is emerging as one of the most promising contenders. With a unique combination of demographic advantage, technological growth, and an expanding innovation ecosystem, India is steadily progressing toward becoming a global AI superpower.

The growth of AI in India over the past decade has been remarkable. What began as a niche area of research has now evolved into a widespread technological movement influencing multiple sectors. The rapid digitalization of the country has played a crucial role in this transformation. The widespread use of smartphones, affordable internet access, and the expansion of digital services have resulted in an unprecedented generation of data. This data forms the backbone of AI systems, enabling machines to learn, adapt, and make intelligent decisions.



India's strength lies not only in its data but also in its people. The country produces a vast number of engineering graduates every year, many of whom are now specializing in AI, machine learning, and data science. Educational institutions are increasingly incorporating AI-focused curricula, while online learning platforms have made advanced knowledge accessible to a broader audience. As a result, India is building a workforce that is not only large in number but also increasingly skilled in emerging technologies.





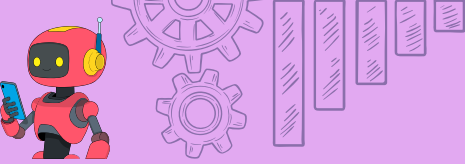
The journey toward becoming an AI superpower is not defined solely by technological capability but by how effectively that technology is applied. India stands out because of its ability to implement AI solutions at scale and across diverse sectors. In healthcare, AI is being used to assist in early diagnosis and improve patient outcomes. In agriculture, it helps farmers make informed decisions about crops and weather conditions. In finance, AI-driven systems enhance security and streamline transactions. In education, it personalizes learning experiences, making education more accessible and effective.



Another significant factor contributing to India's rise is its thriving startup ecosystem. Young entrepreneurs are leveraging AI to solve real-world problems, creating innovative solutions that are both impactful and scalable. These startups are not only addressing domestic challenges but are also competing on a global stage. Their ability to deliver cost-effective solutions has made India a hub for practical and scalable AI innovation.

The development of AI in India is continuous and dynamic. Advancements in deep learning, natural language processing, and computer vision are expanding the possibilities of what machines can achieve. The integration of AI with technologies such as cloud computing and the Internet of Things is further accelerating progress. This constant evolution ensures that AI in India does not remain static but continues to adapt to new challenges and opportunities.

As AI continues to grow, its impact on industries and markets becomes increasingly evident. Businesses are shifting from traditional models to data-driven approaches, where decisions are based on insights derived from large datasets. This shift has led to increased efficiency, improved customer experiences, and faster innovation cycles. Companies are now able to predict trends, optimize operations, and deliver personalized services, giving them a competitive edge in the market.



However, this transformation also brings significant changes to the job market. The rise of AI has led to the automation of routine and repetitive tasks, raising concerns about job displacement. Roles that involve basic data processing or repetitive functions are gradually being replaced by automated systems. At the same time, AI is creating entirely new categories of jobs that require advanced skills and expertise. The demand for AI engineers, data scientists, machine learning specialists, and cybersecurity professionals is growing rapidly.

Rather than eliminating opportunities, AI is reshaping the nature of work. It is pushing individuals to adapt, learn new skills, and move toward more complex and creative roles. This shift highlights the importance of continuous learning and skill development in today's world. Those who are willing to evolve with technology will find themselves at an advantage, while those who resist change may struggle to keep up.

For students, especially those pursuing careers in engineering and technology, the rise of AI presents an unprecedented opportunity. Knowledge of AI and data science is no longer optional; it is becoming essential. Students who invest time in understanding these technologies will have access to a wide range of career opportunities, both within India and internationally. They will be able to work on cutting-edge projects, contribute to meaningful innovations, and play a role in shaping the future.



The emergence of AI is also opening doors to interdisciplinary careers. It is no longer confined to the field of computer science. AI is being integrated into healthcare, law, business, education, and even creative industries. This expansion allows individuals from diverse backgrounds to contribute to and benefit from the AI revolution. It also encourages collaboration between different fields, leading to more holistic and innovative solutions.





Despite these advancements, the question of sustainability remains crucial. How long can India maintain its position as a leading force in AI? The answer depends on several factors, including investment in research, quality of education, and the ability to foster innovation. India must continue to strengthen its infrastructure, support startups, and encourage collaboration between academia and industry.

Equally important is the need for ethical development. As AI becomes more powerful, concerns related to data privacy, bias, and accountability become more significant. India must ensure that its growth in AI is guided by strong ethical principles and robust regulatory frameworks. Responsible innovation will be key to maintaining trust and ensuring that technology benefits society.

Global competition in AI is intense, with countries investing heavily in research and development. To remain at the forefront, India must not only keep pace but also differentiate itself through inclusive growth and practical innovation. Its ability to create solutions that address real-world problems at scale can serve as a unique advantage in the global landscape.

In conclusion, India's rise as an AI superpower is not a distant dream but an ongoing reality. The country has the resources, talent, and vision required to lead in this transformative era. However, sustaining this leadership will require continuous effort, adaptability, and a commitment to ethical practices.

For students and future professionals, this is a defining moment. The choices made today in learning, innovation, and responsibility will shape not only individual careers but also the future of the nation. India stands at the threshold of a technological revolution, and its journey in AI has the potential to influence the world for decades to come. The true measure of its success will not just be in how advanced its technology becomes, but in how effectively it uses that technology to create a better, more inclusive future.

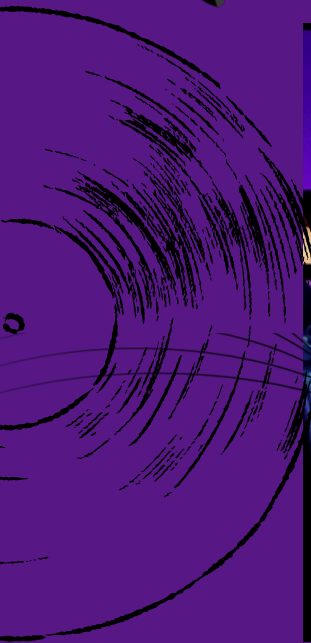
Name: Thejas Krishna M

Year: II-AI&DS-H-sec





THE ART AND IMPACT OF VIDEO EDITING IN THE DIGITAL AGE



INTRODUCTION

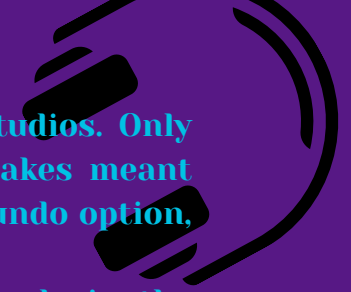
Video editing has evolved into one of the most powerful creative and technical skills in today's digital world. From movies and television to social media and online education, video content has become the primary way people communicate, learn, and entertain themselves. At the heart of all this content lies video editing—the process of transforming raw footage into a meaningful, engaging, and visually appealing story.

Video editing is not just about cutting and arranging clips; it is an art that involves creativity, storytelling, timing, and emotion. Over the years, it has undergone a massive transformation, moving from manual techniques to highly advanced digital systems. Understanding its journey from the past to the present and its future potential highlights its importance in shaping modern communication.

THE PAST: TRADITIONAL VIDEO EDITING

In the early days, video editing was a completely manual and time-consuming process. Editors worked with physical film reels, cutting and joining pieces using scissors and tape. This method, known as linear editing, required careful planning because making changes was difficult once the film was cut.





Editing equipment was expensive and limited to professional studios. Only trained experts could handle the process, and even small mistakes meant redoing large portions of work. There was no instant preview or undo option, making editing both risky and labor-intensive.

Despite these challenges, traditional editing played a crucial role in the development of cinema and television. Classic films were created using these techniques, proving that storytelling and creativity were more important than technology. Editors relied heavily on their intuition, understanding of timing, and narrative skills to produce impactful content



However, the limitations were clear:

- Editing was slow and inefficient
- Equipment was costly and inaccessible
- Creative flexibility was limited
- Revisions were difficult

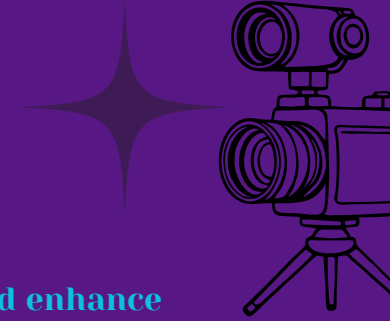
This phase laid the foundation for modern video editing by establishing core principles like continuity, pacing, and storytelling.

THE PRESENT: DIGITAL REVOLUTION IN VIDEO EDITING

The introduction of digital technology completely transformed video editing. Today, editing is done using computers and software, making the process faster, more flexible, and widely accessible.

Modern editing is known as non-linear editing, which allows editors to access any part of the video at any time without affecting the original footage. This has made editing more efficient and creative.





KEY FEATURES OF MODERN VIDEO EDITING

- **Advanced Software Tools:** Editors can cut, trim, add effects, and enhance videos with ease.
- **Real-Time Preview:** Changes can be viewed instantly.
- **Special Effects and Animation:** Visual effects, transitions, and graphics improve storytelling.
- **Color Grading:** Enhances mood and visual appeal.
- **Sound Editing:** Background music and sound effects add emotional depth.

RISE OF SOCIAL MEDIA AND CONTENT CREATION

The digital age has made video editing accessible to everyone, not just professionals. With smartphones and easy-to-use apps, anyone can create and edit videos. Platforms like YouTube, Instagram, and TikTok have increased the demand for high-quality video content.

Short-form videos, reels, and vlogs have become extremely popular. Influencers, students, and businesses now rely on video editing to communicate their ideas effectively.

IMPACT ON DIFFERENT FIELDS:

1. **Entertainment:** Movies, web series, and online content rely heavily on editing for storytelling and visual effects.
2. **Education:** Video lectures and tutorials make learning more engaging and understandable.
3. **Business and Marketing:** Companies use videos for advertising, branding, and product promotion.
4. **Social Communication:** People share ideas, experiences, and opinions through edited video.

ADVANTAGES OF MODERN EDITING:

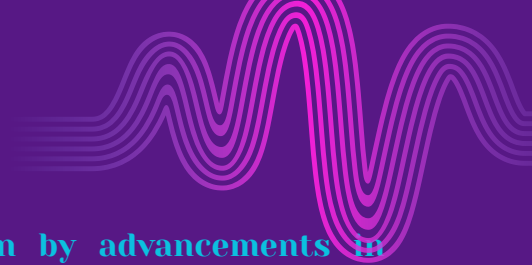
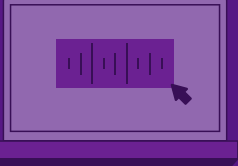
1. **Faster and more efficient**
2. **Easy to learn and accessible**
3. **High-quality output**
4. **Unlimited creative possibilities**

HOWEVER, THE PRESENT ERA ALSO COMES WITH CHALLENGES:

- **Overuse of effects can reduce content quality**
- **Misinformation through edited videos**
- **Increased competition in content creation**

Overall, the present stage of video editing represents a perfect blend of creativity and technology.





THE FUTURE: INNOVATIONS AND POSSIBILITIES

The future of video editing is highly promising, driven by advancements in artificial intelligence (AI), machine learning, and immersive technologies.

1. AI-Powered Editing:

- Artificial intelligence is already changing how videos are edited. AI tools can:
- Automatically cut and arrange clips
- Suggest transitions and effects
- Enhance video quality
- Generate subtitles and voiceovers
- This will reduce manual effort and make editing faster and smarter.

2. Automation and Smart Tools:

- Future editing software will become more user-friendly, allowing even beginners to create professional-quality videos. Automation will handle repetitive tasks, letting creators focus more on creativity.

3.Virtual Reality (VR) and Augmented Reality (AR):

- Video editing will expand into immersive experiences. Editors will create content for VR and AR platforms, allowing viewers to interact with videos in real-time.

4. Real-Time Editing and Cloud Collaboration:

- Cloud-based editing will enable teams to work together from different locations. Real-time editing and sharing will improve efficiency and teamwork.

5.Deepfake and Ethical Concerns:

- While technology offers many benefits, it also raises ethical issues. Deepfake videos and manipulated content can spread misinformation. In the future, there will be a need for strict regulations and ethical guidelines to ensure responsible use of editing tools.

THE ARTISTIC VALUE OF VIDEO EDITING

Even with technological advancements, the artistic aspect of video editing remains essential. Editing is about telling a story that connects with the audience emotionally.

Editors use:

- Timing to create suspense or excitement
- Transitions to maintain flow
- Music to enhance mood
- Visual composition to create impact

No matter how advanced technology becomes, creativity and storytelling will always be at the core of video editing.



IMPORTANCE OF VIDEO EDITING IN THE DIGITAL AGE



Video editing has become essential in today's world because:

- It improves communication through visual storytelling
- It enhances learning and understanding
- It supports digital marketing and business growth
- It provides a platform for creativity and self-expression

Without video editing, raw footage would lack structure and impact.

CONCLUSION

Video editing has come a long way from manual film cutting to advanced digital and AI-powered systems. It has transformed how people communicate, learn, and entertain themselves in the digital age.

In the past, it was limited and complex. In the present, it is accessible and powerful. In the future, it will become even more intelligent and immersive.

Despite all technological changes, the essence of video editing remains the same: to tell meaningful stories and create engaging experiences. As the digital world continues to grow, video editing will play an even more important role in shaping communication and creativity.

By

Ranjani R, Rackshitha R
II year – AI&DS, C Section



The Mysterious World of Dreams

Dreams have always fascinated human beings. Every night, as we sleep, our minds create a world filled with images, emotions, and experiences. While some dreams bring joy and excitement, others may leave us confused or even frightened. Despite their mysterious nature, dreams play an important role in our daily lives. Dreams are a series of thoughts and sensations that occur during sleep, especially in a stage known as Rapid Eye Movement (REM). During this time, the brain remains highly active, even though the body is at rest. This is why dreams often feel real and vivid.

There are several types of dreams that people commonly experience. Normal dreams are related to everyday activities, while nightmares can be disturbing and cause fear. Lucid dreams allow a person to become aware that they are dreaming, giving them a sense of control. Daydreams, on the other hand, occur while a person is awake and lost in imagination.

Experts believe that dreams serve many purposes. They help individuals process emotions, store memories, and reduce stress. Dreams also play a role in boosting creativity, allowing the mind to explore new ideas and possibilities.

Interestingly, many dreams are believed to have deeper meanings. For example, dreaming about falling may indicate fear or a sense of losing control. Flying in a dream often represents happiness, freedom, or success. Being chased in a dream can suggest that a person is avoiding a problem in real life. Similarly, dreams about exams may reflect stress or fear of failure, while clear water in dreams symbolizes peace, and dirty water may indicate confusion. Seeing a specific person in a dream may show their importance in one's thoughts and emotions. Dreams are not just random images; they reflect our inner feelings and thoughts. They help us understand ourselves better and can even inspire new ideas or solutions to problems. In many ways, dreams act as a mirror of the human mind. In conclusion, dreams remain one of the most intriguing aspects of human life. Although we may not fully understand them, they continue to influence our emotions, thoughts, and creativity. As science continues to explore this mysterious world, dreams will always remain a fascinating subject for everyone.

SANDHIYA .S
II – YEAR , 'C'
2024PECAI255



THE JACKFRUITLAB-SIMPLE IDEA INSPIRED BY NATURE

Sometimes, the most complex ideas begin with the simplest observations.

I was looking at a jackfruit recently, and its structure caught my attention in a different way. It has a strong central core, surrounded by multiple sections arranged in an organized pattern – each one naturally enclosed, protected, and supported within the same system. Everything is contained and sustained without interference.

If you look closer, each section is separated yet connected, cushioned within soft internal layers, while the thick outer skin shields everything from the outside. The entire fruit functions like a self-contained system – stable, protected, and efficiently structured.

That made me think...

In science, we often take inspiration from nature. What if a similar structure could one day influence how we design controlled environments – even for something as complex as supporting early human life artificially?

At a surface level, imagine a system where a central unit acts as a support source, regulating nutrients, oxygen flow, and overall environmental balance. Around it, multiple enclosed units maintain stable, fluid-like conditions, providing a protected space for early developmental stages. All of this exists within a sealed outer layer that controls temperature, pressure, and exposure to the outside world.

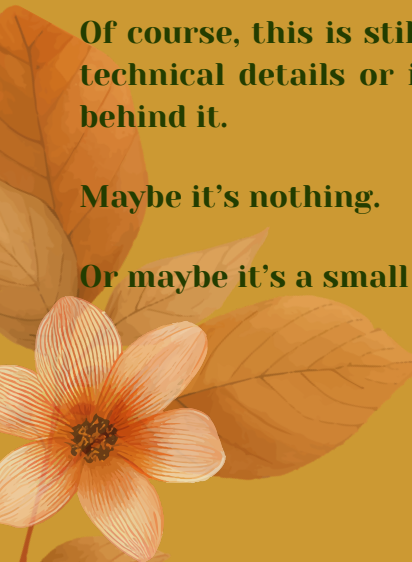
The beginning of life itself would still follow existing scientific methods. This idea only explores how that early life could be supported afterward within a structured and controlled environment.

This way of thinking connects to a broader scientific approach where natural structures inspire conceptual designs. It's not about replacing natural processes, but about understanding how organization, protection, and system design might guide future experiments.

Of course, this is still just an idea – simple, incomplete, and evolving. It does not go into technical details or implementation, but focuses only on the structure and the thought behind it.

Maybe it's nothing.

Or maybe it's a small starting point for something worth exploring



Tjaswini
II – YEAR, 'C'

THE FEAR OF BEING AVERAGE



Do you ever feel scared of living a “normal” life? Have you ever wondered if your life is a little too ordinary or not exciting enough? To avoid this feeling, many people try hard to be “extraordinary.” They chase big achievements, dream of becoming famous, or fill their lives with experiences just to feel special.

But even after doing all this, it often doesn’t feel like enough.

Look around any classroom or scroll through social media—there’s always a silent competition. Who scored the highest? Who got placed first? Who is doing something “big” with their life? Somewhere in between, a quiet fear begins to grow: What if I end up being just... average?

Today, being “normal” almost feels like a failure. We are constantly told to stand out, achieve more, and prove ourselves. Social media makes this pressure even stronger. Every day, we see people sharing their success, travels, and perfect moments. It creates the illusion that everyone else is living an exciting life while ours feels simple in comparison. Without realizing it, we begin to measure our lives against others.

This feeling is known as the fear of being ordinary. It makes us believe that we must always do something extraordinary to be valued. In some ways, this fear can push us to work hard and achieve goals. But when it becomes too strong, it starts affecting our peace of mind.

One reason behind this fear is the belief that we need to be special to be accepted or loved. When people feel “not good enough,” they try to prove their worth through achievements. This creates constant pressure to do more, be more, and never slow down.

In college, this becomes even more real. Marks feel like a measure of success. Placements feel like a race. When a friend gets an internship or achieves something big, we start questioning ourselves. Even when we are doing fine, it never feels enough. There is always a fear of falling behind.

Over time, this leads to stress, self-doubt, and dissatisfaction. You may achieve something, but instead of feeling happy, you compare it with someone who did better. You start chasing goals not because you truly want them, but because you are afraid of being left behind. Slowly, life becomes less about living and more about proving.

This fear can also stop us from choosing what truly makes us happy. Sometimes, people avoid simple and peaceful choices—like a stable job or a quiet life—just because they seem “too ordinary.” Instead of following their own path, they follow what looks impressive to others. But here’s something we rarely stop to ask: Is being average really that bad? What does “average” even mean?

Not everyone needs to be extraordinary all the time. Not everyone has to be the best in everything. Being average simply means being human. It means having your own pace, your own journey, your own struggles, and your own small victories. And often, these small victories—getting through a difficult day, improving little by little, staying consistent—are more meaningful than big achievements.

The truth is, the idea of being “average” exists only because of comparison. When you stop comparing, it loses its power. Your life doesn’t need to look impressive to others to be meaningful to you.

So how can we overcome this fear?

It starts with focusing on yourself instead of seeking validation from others. When you understand what truly makes you happy, the need to prove yourself begins to fade. Not everyone wants the same kind of life, and that’s perfectly okay. Some people find joy in big achievements, while others find happiness in simple routines and meaningful relationships.



True self-worth does not come from achievements alone. Even reaching great heights does not guarantee inner satisfaction. Real happiness comes from accepting yourself, including your imperfections.

Having goals is important, but they don’t always have to be extraordinary. Small goals—spending time with loved ones, enjoying your hobbies, or simply taking care of yourself—can give life deep meaning.

In the end, we often overlook the beauty of simple moments. A quiet morning, a good conversation, or a peaceful evening can bring genuine happiness.

You don’t have to climb the highest mountain to see the stars. Sometimes, just looking up is enough.

And maybe, the real problem is not being average—but being afraid of it. Because sometimes, in that “ordinary” life, we find the most real and meaningful experiences of all.

– KANISKA R
2nd year ‘B’ Section

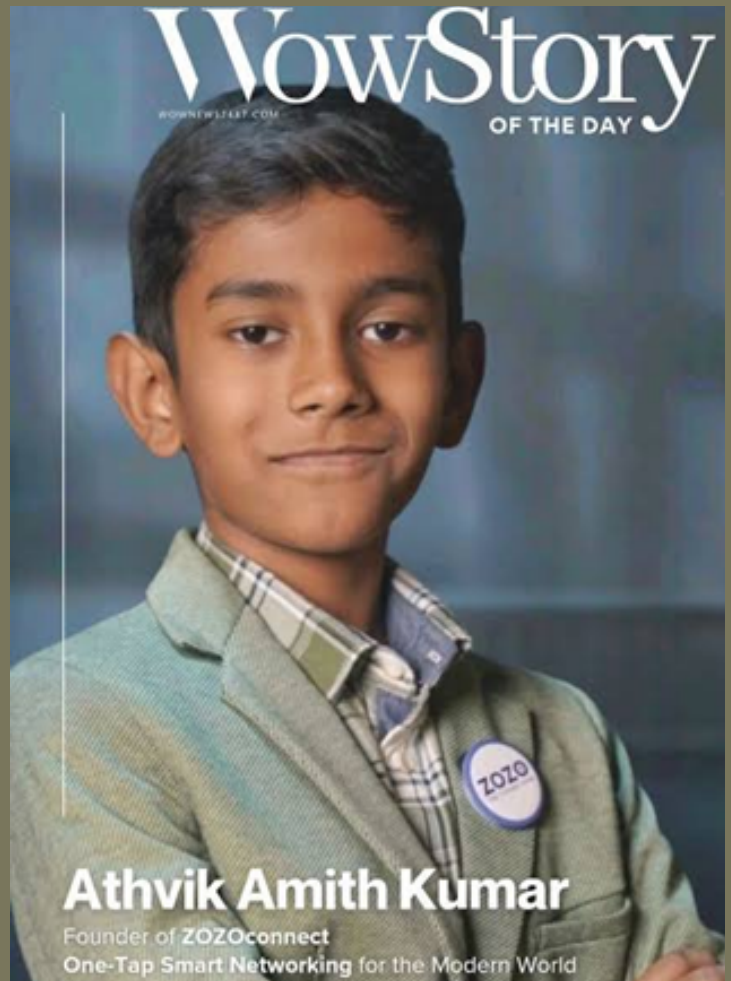


ATHVIK AMITH KUMAR AND THE RISE OF “ZOZO”

A STORY OF YOUNG INNOVATION

IN THE MODERN DIGITAL ERA, INNOVATION IS NO LONGER LIMITED TO EXPERIENCED PROFESSIONALS OR LARGE ORGANIZATIONS. TODAY, EVEN YOUNG MINDS ARE COMING UP WITH CREATIVE IDEAS THAT HAVE THE POTENTIAL TO GROW INTO SOMETHING IMPACTFUL. ONE SUCH INSPIRING NAME IS ATHVIK AMITH KUMAR, A YOUNG INNOVATOR WHO IS GAINING ATTENTION FOR HIS UNIQUE CONCEPT KNOWN AS “ZOZO.”

THIS ARTICLE EXPLORES ATHVIK’S JOURNEY, THE IDEA BEHIND ZOZO, ITS SIGNIFICANCE, AND HOW IT REFLECTS THE GROWING TREND OF YOUNG ENTREPRENEURS IN INDIA.



WHO IS ATHVIK AMITH KUMAR?

ATHVIK AMITH KUMAR IS A YOUNG AND CREATIVE INDIVIDUAL WHO REPRESENTS THE NEW GENERATION OF THINKERS. HE IS PASSIONATE ABOUT EXPLORING NEW IDEAS AND TURNING THEM INTO REALITY. UNLIKE MANY STUDENTS WHO FOCUS ONLY ON ACADEMIC LEARNING, ATHVIK SHOWS INTEREST IN INNOVATION, CREATIVITY, AND INDEPENDENT THINKING.

THE CONCEPT OF “ZOZO”

“ZOZO” IS THE IDEA OR PROJECT DEVELOPED BY ATHVIK AMITH KUMAR. IT IS MORE THAN JUST A NAME—IT REPRESENTS CREATIVITY, IDENTITY, AND INNOVATION.

ALTHOUGH ZOZO IS STILL IN ITS EARLY STAGES, IT CAN BE UNDERSTOOD AS A FLEXIBLE CONCEPT THAT MAY GROW INTO DIFFERENT FORMS SUCH AS:

A DIGITAL PLATFORM

A BRAND NAME

A STARTUP IDEA

A CREATIVE CONTENT PROJECT

THE UNIQUENESS OF ZOZO LIES IN ITS OPENNESS. IT IS NOT RESTRICTED TO ONE SPECIFIC AREA, WHICH GIVES IT THE POTENTIAL TO EXPAND INTO MULTIPLE DOMAINS LIKE TECHNOLOGY, ENTERTAINMENT, OR DIGITAL SERVICES.





MEANING AND VISION BEHIND ZOZO

THE IDEA OF ZOZO REFLECTS A MODERN APPROACH TO THINKING. IT REPRESENTS:

- FREEDOM OF CREATIVITY
- INNOVATION WITHOUT LIMITS
- BUILDING SOMETHING FROM SCRATCH

ATHVIK'S VISION BEHIND ZOZO IS LIKELY TO CREATE SOMETHING ORIGINAL THAT CONNECTS WITH PEOPLE IN A SIMPLE AND MEANINGFUL WAY. INSTEAD OF COPYING EXISTING IDEAS, ZOZO FOCUSES ON BEING FRESH AND DIFFERENT.

THIS KIND OF THINKING IS VERY IMPORTANT IN TODAY'S WORLD, WHERE ORIGINALITY PLAYS A KEY ROLE IN SUCCESS.

WHY ZOZO IS IMPORTANT

ZOZO IS IMPORTANT NOT BECAUSE IT IS ALREADY BIG, BUT BECAUSE OF WHAT IT REPRESENTS. IT SHOWS THAT:

- YOUNG PEOPLE CAN CREATE THEIR OWN IDEAS
- INNOVATION DOES NOT REQUIRE AGE OR EXPERIENCE
- SMALL IDEAS CAN GROW INTO BIG PROJECTS

IN A COUNTRY LIKE INDIA, WHERE MILLIONS OF STUDENTS ARE STUDYING, ONLY A FEW TRY TO CREATE SOMETHING NEW. ATHVIK'S ZOZO STANDS AS AN EXAMPLE FOR OTHERS TO STEP OUT OF THEIR COMFORT ZONE.

CONNECTION WITH YOUNG ENTREPRENEURS IN INDIA

INDIA IS CURRENTLY SEEING A RISE IN YOUNG ENTREPRENEURS AND STARTUP CULTURE. MANY STUDENTS ARE:

- DEVELOPING APPS
- STARTING ONLINE BUSINESSES
- CREATING DIGITAL BRANDS

ATHVIK AMITH KUMAR IS PART OF THIS GROWING MOVEMENT. LIKE MANY YOUNG FOUNDERS, HE IS TRYING TO BUILD SOMETHING UNIQUE WITH LIMITED RESOURCES.

- THIS TREND IS SUPPORTED BY:
- EASY ACCESS TO THE INTERNET
- AVAILABILITY OF ONLINE LEARNING PLATFORMS

GROWING AWARENESS ABOUT STARTUPS

ZOZO FITS PERFECTLY INTO THIS NEW GENERATION MINDSET.

FUTURE SCOPE OF ZOZO

ZOZO HAS A WIDE RANGE OF POSSIBILITIES IF DEVELOPED PROPERLY. IN THE FUTURE, IT CAN BECOME:

- A STARTUP COMPANY
- A MOBILE APPLICATION OR DIGITAL PLATFORM
- A CONTENT CREATION BRAND
- A TECHNOLOGY-BASED SOLUTION

WITH PROPER PLANNING, CREATIVITY, AND CONSISTENT EFFORT, ZOZO CAN GROW INTO A SUCCESSFUL VENTURE. THE KEY IS TO CONTINUE IMPROVING AND ADAPTING TO NEW TRENDS.

~ TENNA JOSE





THE UNTOLD STORIES BEHIND EVERY STUDENT'S SMILE

"Every smile hides a story of dreams, struggles, hope, and resilience."



Introduction: The Smile We See

Walk through any college campus and you will notice something beautiful—students smiling, laughing with friends, walking to class with notebooks in their hands, and sharing moments of joy. To an outsider, college life looks exciting and carefree. Social media posts show happy faces, group selfies, and fun campus memories. It appears as if every student is living the best years of their life.

But behind every smile, there is often a story that many people never see.

A student smiling while walking to class might be hiding stress about an upcoming exam. Another might laugh with friends while silently worrying about family problems at home. Some students smile simply because they do not want others to see their struggles.

A smile can sometimes be a mask—one that hides fear, pressure, hope, and determination. Every student carries a unique journey, filled with dreams and challenges that shape who they become.

This article explores the untold stories behind every student's smile and reminds us that behind every cheerful face is a human being with feelings, struggles, and strength.

The Pressure of Expectations

For many students, college is not just about education; it is also about expectations. Parents hope their children will succeed. Teachers expect them to perform well. Society pushes them to build successful careers.

While these expectations can motivate students, they can also create enormous pressure.





Many students constantly worry about grades, assignments, projects, and exams. Some feel that one failure might disappoint their families or affect their future. This pressure can make even the brightest student feel anxious and overwhelmed. Sometimes a student smiles in class even though they are exhausted from studying late at night. Others pretend everything is fine because they believe showing weakness might make them appear less capable. Yet, behind that smile is a powerful determination—the determination to keep going despite the pressure.

Silent Battles: Stress and Self-Doubt

Not all struggles are visible. Many students fight silent battles every day. Some students experience stress due to heavy academic workloads. Others struggle with self-doubt, constantly questioning whether they are good enough. There are students who feel lonely in a crowd of thousands because they are far away from home and family. A student sitting quietly in the library might not just be studying—they might be worrying about their future, financial difficulties, or personal challenges. Self-doubt is another hidden struggle many students face. They compare themselves with classmates who seem smarter, more confident, or more successful. This comparison can sometimes make them feel inadequate. However, what many people do not realize is that even the most confident-looking student may be dealing with similar fears. The difference is that they continue smiling and moving forward.

Dreams That Keep Students Going

Some dream of becoming engineers, doctors, teachers, scientists, or entrepreneurs. Others dream of helping their families, improving their communities, or making the world a better place. These dreams act as a source of motivation during difficult times. A student studying late at night may feel tired, but the thought of achieving their dream keeps them going. The smile on their face often reflects hope—the belief that all the hard work will one day pay off. Dreams transform struggles into stepping stones toward success.

Friendship: The Hidden Strength

One of the most beautiful aspects of college life is friendship. Friends become a support system during stressful times. They share notes before exams, encourage each other during failures, and celebrate achievements together. Sometimes, a simple conversation with a friend can lighten the burden a student is carrying. Laughter during lunch breaks, late-night study sessions, and group discussions create memories that last a lifetime. Friendship reminds students that they are not alone in their struggles. Behind many smiles are friends who helped create those moments of happiness.



$$ax^2 + bx + c = 0$$





Learning Beyond the Classroom

College is not only about textbooks and lectures. It is also a place where students learn important life lessons.

Students learn how to manage time, handle responsibilities, solve problems, and make decisions. They experience success and failure, both of which teach valuable lessons.

Failure, although painful, often becomes a powerful teacher. It teaches resilience and patience. It helps students understand that setbacks are not the end of the journey.

These experiences shape students into stronger and wiser individuals.

The Strength Behind the Smile

The smile of a student is more powerful than it appears.

It represents courage—the courage to face challenges. It represents hope—the hope for a brighter future. It represents resilience—the ability to keep moving forward despite difficulties.

Every student who walks through the college gates carries a story that deserves to be respected and understood.

Sometimes, the strongest people are those who continue smiling even when life is difficult.

Conclusion: Understanding the Real Story

The next time we see a student smiling, we should remember that there might be an untold story behind that smile.

Instead of judging others quickly, we should show kindness and empathy. A small act of encouragement, a supportive word, or simply listening to someone can make a big difference in a student's life.

Because behind every student's smile lies a journey of dreams, struggles, friendships, and hope.

And perhaps that is the most beautiful story of all.



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ECHOES OF LUCID HOLLOW (CHAPTER I)



The Road That Shouldn't Exist

(A car moves through a silent road. Fog everywhere.)

Marco Blaze:

Bro... this road looks like it eats people.

Elina Varez (smiling):

Relax. It's just an abandoned school.

Rafael Quinn:

"Just," she says... famous last word.

Sofia Lune (looking outside):

It feels nice... like a dream.

Isabella Cruz:

More like a nightmare pretending to be a dream.

(Car suddenly stops. Engine dies.)

Marco:

Okay... who forgot to pay the horror subscription?

The School That Waits

(They stand in front of a broken school: "San Aurelio Institute")

Rafael:

We go in, we stay together. No splitting.

Elina:

And if something calls your name... ignore it.

Marco:

WHY do you know rules like that?!

(Door slowly opens on its own)

Sofia (grinning):

Gentleman ghost.

Footsteps That Don't Belong

(Long hallway. Their footsteps echo... but extra footsteps appear sometimes.)

Marco:

Okay...someone is walking extra. Who's doing that?

TSABELLA:

NOT ME.

SOFIA:

NOT ME EITHER.

(THEY ALL LOOK AT ELINA. SHE JUST SMILES.)

THE CLASSROOM THAT LISTENS

(OLD DESKS. MARCO SITS DRAMATICALLY.)

MARCO:

FIRST DAY OF SCHOOL. WHERE'S THE HOT TEACHER?

(A CHAIR BEHIND HIM SLOWLY DRAGS...)

MARCO (FROZEN):

...SHE HEARD ME.

SOFIA (LAUGHING):

GHOST REJECTED YOU.

WINDOWS OF BROKEN TIME

(WINDOWS SHOW DIFFERENT TIMES: RAIN, SUNSET, NIGHT)

RAFAEL (TOUCHING WALL):

THIS PLACE ISN'T NORMAL.

ELINA (SOFTLY):

IT'S NOT A PLACE... IT'S A MEMORY.

(EVERYONE PAUSES.)

MARCO:

COOL. EVEN THE BUILDING HAS TRAUMA.

A MEMORY BETWEEN US

(DIM HALLWAY. SILENCE.)

TSABELLA (HOLDING RAFAEL'S HAND):

FEELS LIKE WE'VE BEEN HERE BEFORE...

RAFAEL:

YEAH... LIKE WE FORGOT SOMETHING

IMPORTANT.

(THEY DON'T LET GO.)

(NEARBY)

MARCO (TO SOFIA):

YOU'RE NOT SCARED?

SOFIA:

I AM... BUT I LIKE THIS FEELING.

MARCO:

THAT'S... KINDA ATTRACTIVE AND SCARY AT THE SAME TIME.

REFLECTIONS THAT AREN'T OURS

(EMPTY HOUSES. BROKEN MIRRORS EVERYWHERE.)

MARCO:

NO PEOPLE... NO DOGS... EVEN MOSQUITOES LEFT.

(THEY LOOK INTO MIRRORS...)

(EACH REFLECTION IS DIFFERENT: INJURED, SMILING, CRYING)



Boo!

ISABELLA:
THAT'S NOT ME...

RAFAEL:
THAT... IS US.
THE VOICE THAT KNOWS YOUR NAME
(A SOFT VOICE ECHOES)

VOICE:
ELINA...
(SHE TURNS SLOWLY)

VOICE AGAIN:
YOU CAME BACK...

RAFAEL:
YOU KNOW THIS PLACE?

ELINA (QUIET):
...I THINK IT KNOWS ME.
WHEN REALITY STARTS BREATHING
(GROUND SHAKES. SCHOOL BEHIND THEM SHIFTS LIKE IT'S ALIVE.)

MARCO:
OKAY, I VOTE WE LEAVE. IMMEDIATELY. DEMOCRACY.
(SUDDENLY... ALL HEAR THEIR OWN VOICES CALLING THEM FROM INSIDE)
SOFIA (WHISPERS):

THAT... WAS MY VOICE.
RUN FIRST, THINK NEVER
MARCO:

IF I RUN, DON'T FOLLOW ME.
ISABELLA:

WE WILL.

MARCO:

WHY?!

RAFAEL:
YOU'RE FASTEST.

MARCO:
I HATE THIS TEAM.
THE ROOM THAT SHOULDN'T EXIST
(A GLOWING CIRCULAR ROOM APPEARS INSIDE THE SCHOOL)
(CENTER: STRANGE GLOWING STRUCTURE)

RAFAEL:
MACHINE?

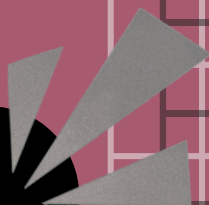
ELINA:
NO... MEMORY.
WE'VE BEEN HERE BEFORE
(SUDDEN FLASHES — THEY SEE THEMSELVES HERE BEFORE)

SOFIA:
WE'VE BEEN HERE...





MARCO:
NO. NOPE. FAKE NEWS.
(HE SEES HIMSELF ALONE IN THE ROOM... SMILING)
MARCO (SHAKEN):
...OKAY NOT FAKE.
THE RULE: ONE STAYS
(VOICE FILLS THE ROOM)
VOICE:
YOU CANNOT ALL LEAVE.
(SILENCE. ALL FIVE LOOK AT EACH OTHER.)
NOT LEAVING WITHOUT YOU
ISABELLA:
WE LEAVE TOGETHER.
ELINA (STEPPING BACK):
THAT'S NOT HOW THIS WORKS.
RAFAEL:
THEN WE CHANGE HOW IT WORKS.
BREAKING THE
UNBREAKABLE
(ROOM STARTS COLLAPSING. LIGHT BURSTS.)
MARCO (SHOUTING):
FOR ONCE, LET'S BREAK THE RULE!
(EVERYTHING FREEZES FOR A SECOND...)
"THE MORNING THAT FEELS WRONG"
(THEY ARE BACK ON THE ROAD. MORNING. PEACEFUL.)
MARCO:
WE... SURVIVED?
SOFIA:
DID WE?
3:17 — TIME REFUSES TO MOVE
RAFAEL (CHECKING WATCH):
3:17 AM...
(WATCH ISN'T MOVING.)
NEXT TIME, WE REMEMBER
ISABELLA (TO ELINA):
WHAT DID YOU DO?
(ELINA SMILES... SLIGHTLY DIFFERENT)
ELINA:
NEXT TIME... WE'LL REMEMBER MORE.
(WIND BLOWS...)
(BEHIND THEM, FOR A SECOND... THE SCHOOL APPEARS CLOSER.)
(INSIDE THE SCHOOL...)
(A SHADOW MOVES... NOT ONE OF THEM.)
SOMETHING STAYED BEHIND.. TO BE CONTINUED..



GRID



INK

CROSSWORDS:



ACROSS

- A supervised ensemble method combining multiple decision trees
- A LIFO-based data structure
- AI field focused on human language understanding
- Process of extracting patterns from large datasets
- Neural network primarily used for image tasks
- Layer introducing non-linearity in neural networks
- Widely used open-source operating system
- Technique used to prevent overfitting
- Probabilistic classifier based on Bayes theorem
- Distributed big data processing framework
- Study of computational procedures and structures

DOWN

- Learning from unlabeled data
- FIFO-based data structure
- Common output activation for binary classification
- Deep learning framework developed by Google
- Fundamental unit of a neural network
- Programming language used in statistical computing
- Sequence modeling architecture in deep learning
- When a model performs well on training but poorly on new data

SUDOKU:



1	2		8		6			9
		6		7	1	8	2	3
7				4				5
6	7	1		2	3			8
3		5				2	1	
	4		1	9		6	3	
	6			3			5	
9		7				3		2
5				1	9		8	6



REBUS PUZZLE:



gsge gsge
egsg egsg
gges gges
esgg esgg

HINT: GIVE THIS
REBUS PUZZLE A
WHIRL.

nafish
nafish

HINT: SEE FOR THE COUNT.



HOUSE

HINT: THE COLOR HERE
MATTERS.

R
O
R O A D S
D
S

HINT: IF YOU DON'T
KNOW HOW TO SOLVE
THIS PUZZLE, YOU MIGHT
BE AT ONE OF THESE.

I FELL
I FELL
I FELL
I FELL
I FELL
I FELL
I FELL
I FELL

HINT: IS SOLVING THIS
PUZZLE TOO TALL A
TASK?

TRAVEL
CCCCCC

HINT: MAKE SURE TO TAKE
NOTE OF THE PLACEMENT OF
THE WORDS.

TROUBLE

HINT: UH-OH, THIS IS
SOMETHING NOBODY
WANTS TO HEAR ...

ENTURY

HINT: YOU MIGHT USE THIS
TO GREET AN OLD FRIEND.

STAND
TRY 2

HINT: THE ANSWER ISN'T "TRY TO
STAND." IF THAT'S WHAT YOU
THOUGHT, KEEP GUESSING.

WHAT
MUST

HINT: TILT YOUR
HEAD TO SOLVE
THIS REBUS
PUZZLE.

META META
META META

HINT: WHAT WORDS START WITH
META-?

GIVE GET
GIVE GET
GIVE GET
GIVE GET

HINT: THIS
REBUS PUZZLE
IS ALL ABOUT
QUANTITY.

→ SECRET
SECRET
SECRET

HINT: NOTICE
THE POSITION
OF THIS REBUS
PUZZLE TO HELP
YOU SOLVE IT.

A Rest
You're

HINT: THIS
REBUS PUZZLE
IS ALL ABOUT
POSITIONS.

RIDDLES:

- I SHAVE EVERY DAY, BUT MY BEARD STAYS THE SAME. WHAT AM I?
- WHAT QUESTION CAN YOU NEVER ANSWER YES TO?
- THERE'S A ONE-STORY HOUSE IN WHICH EVERYTHING IS YELLOW. YELLOW WALLS, YELLOW DOORS, YELLOW FURNITURE. WHAT COLOR ARE THE STAIRS?
- WHAT GOES UP BUT NEVER COMES DOWN?
- A MAN WHO WAS OUTSIDE IN THE RAIN WITHOUT AN UMBRELLA OR HAT DIDN'T GET A SINGLE HAIR ON HIS HEAD WET. WHY?
- WHAT IS BLACK WHEN IT'S CLEAN AND WHITE WHEN IT'S DIRTY?
- WHAT GETS BIGGER WHEN MORE IS TAKEN AWAY?
- THE PERSON WHO MAKES IT DOESN'T NEED IT, THE PERSON WHO BUYS IT DOESN'T USE IT, THE PERSON WHO USES IT DOESN'T KNOW IT. WHAT IS IT?
- I HAVE NO BEGINNING, END, OR MIDDLE, YET PEOPLE USE ME EVERY DAY. WHAT AM I?
- I TURN EVERYTHING AROUND BUT DO NOT MOVE. WHAT AM I?
- I CAN BRING TEARS TO YOUR EYES, RESURRECT THE DEAD, MAKE YOU SMILE, AND REVERSE TIME. WHAT AM I?
- I AM LIGHTER THAN AIR, BUT EVEN THE STRONGEST PERSON CAN'T HOLD ME FOR LONG. WHAT AM I?
- THE MORE YOU HAVE OF ME, THE LESS YOU SEE. WHAT AM I?
- I CAN FLY WITHOUT WINGS, CRY WITHOUT EYES. WHEREVER I GO, DARKNESS FLIES. WHAT AM I?
- WHAT HAS MANY NEEDLES, BUT DOESN'T SEW?
- WHAT KIND OF BAND NEVER PLAYS MUSIC?
- WHAT HAS A THUMB AND FOUR FINGERS, BUT IS NOT A HAND?



ANSWERS :

CROSSWORD

ACROSS

- RANDOM FOREST
- STACK
- NLP
- DATA MINING
- CNN
- ACTIVATION FUNCTION
- LINUX
- REGULARIZATION
- NAIVE BAYES
- APACHE SPARK
- ALGORITHMS

DOWN

- UNSUPERVISED LEARNING
- QUEUE
- SIGMOID
- TENSORFLOW
- NEURON
- R
- LSTM
- OVERFITTING

• • • • • • •

SUDOKU

1	2	3	8	5	6	4	7	9
4	5	6	9	7	1	8	2	3
7	8	9	3	4	2	1	6	5
6	7	1	4	2	3	5	9	8
3	9	5	6	8	7	2	1	4
2	4	8	1	9	5	6	3	7
8	6	2	7	3	4	9	5	1
9	1	7	5	6	8	3	4	2
5	3	4	2	1	9	7	8	6

REBUS PUZZLE

- SCRAMBLED EGGS
- TUNA FISH
- GREEN HOUSE
- CROSS ROADS
- EIFFEL TOWER
- TRAVEL OVERSEAS
- ARE YOU IN TROUBLE
- LONG TIME NO SEE
- TRY TO UNDERSTAND
- WHAT GOES UP MUST COME DOWN
- METAPHOR
- FORGIVE AND FORGET
- TOP SECRET
- YOU ARE UNDER ARREST

• • • • • • •



RIDDLES

- A BARBER
- ARE YOU ASLEEP YET ?
- THERE AREN'T ANY—IT'S A ONE-STORY HOUSE.
- AGE
- HE WAS BALD
- A CHALKBOARD
- A HOLE
- COFFIN
- A CIRCLE
- A MIRROR
- MEMORY
- BREATH
- DARKNESS
- CLOUD
- A CHRISTMAS TREE
- A RUBBER BAND
- A GLOVE





Thank
you