

Illuminating the Cosmos Through Words



LITERATI

PRESENTING THEME FOR SHILPI'25 CHRONICLES OF COSMOS









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चतुर्दश दीक्षांत समारोह सुकवार, २५ अक्टूबर २०२४ FOURTEENTH CONVOCATION

















MESSAGE FROM THE DIRECTOR



"उद्यमेन हि सिध्यन्ति कार्याणि न मनोरथैंः। न हि सुप्तस्य सिंहस्य प्रविशन्ति मुखे मृगाः॥" This profound verse from the Upanishads beautifully encapsulates the spirit of exploration whether it is the cosmos, where we unravel the mysteries of the stars, or the depths of our own intellect, where creativity and innovation reside.

From ancient civilizations to the modern era, humanity has gazed at the night sky, seeking meaning in the vast expanse of the universe. But the cosmos is not something separate from us; rather, we are woven from its very fabric. The same cosmic dust that once formed distant galaxies now resides within us, fueling our relentless pursuit of knowledge and discovery. In this sense, our quest for progress—be it in science, literature, or art—is not merely an observation of the universe but an expression of it.

With great honor and delight, I present the 2024-25 edition of Shilpi, the annual magazine curated by the Literary Committee of NIT Raipur. This year's theme, Chronicles of Cosmos, seamlessly intertwines the enigmatic vastness of the universe with the boundless potential of the human mind. Just as the stars have guided travelers for centuries, this magazine seeks to illuminate the creative brilliance of our students and faculty, capturing their thoughts, aspirations, and artistic expressions. More than just a compilation of words, Shilpi is a voyage through uncharted realms of imagination and innovation. This edition is not only a celebration of knowledge but also a reflection of our shared journey—as explorers of both outer space and inner potential. It stands as a testament to the creativity and dedication of the Literary Committee, who have meticulously brought together a collection of ideas as vast and vibrant as the cosmos itself.

I wholeheartedly congratulate the editors, coordinators, and contributors who have worked with passion and perseverance to bring this edition to life. Your dedication has transformed Shilpi into a masterpiece that will inspire its readers to dream, explore, and create.

May Shilpi continue to be a guiding light—leading us from darkness to illumination, from questions to discoveries, and from the known to infinite possibilities. Wishing the Literary Committee continued success in all future endeavors.

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FROM EDITORIAL'S DESK...

Dear Readers,

Welcome to the latest edition of Shilpi, the creative cornerstone of NIT Raipur's literary landscape. As the official publication of Literati, our college's esteemed literature club, we proudly present this year's theme: "Chronicles of Cosmos."

The cosmos has captivated human imagination since time immemorial—its vast expanse serving as both scientific pursuit and poetic muse. Through this edition, we invite you to embark on an interstellar journey that explores the universe through astronomy, mythology, philosophy, art, and literature.

Literati, the heart of literary expression at NIT Raipur, provides a platform for budding writers, poets, and thinkers to showcase their creative prowess. Our club nurtures literary talents within the technical environment of our institution, creating a harmonious blend of scientific acumen and artistic sensibility.

National Institute of Technology Raipur, established in 1956, has evolved into one of India's premier technical institutions. While renowned for engineering excellence, we believe in the holistic development of our students. Publications like Shilpi demonstrate our commitment to cultivating well-rounded individuals who excel in both technical and cultural domains.

We present this edition of Shilpi as a testament to the intellectual vibrancy and creative spirit of the NIT Raipur community. Each page reflects the dedication of contributors, editors, and designers who have worked tirelessly to bring this cosmic vision to life.

Thank you for joining us on this celestial journey. May these Chronicles of Cosmos inspire you to look up at the night sky with renewed wonder.

Ad astra per aspera—to the stars through difficulties.



-The Editors



DR. SANJAY HUMAR CHAIRPERSON

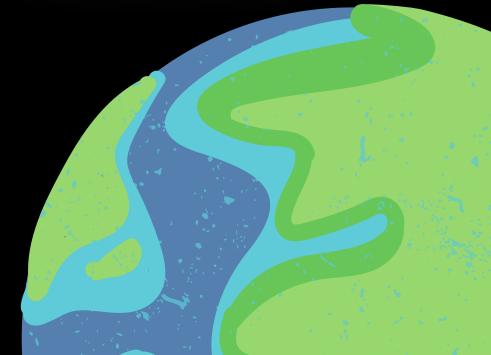


DR. УЕДДИ VIJAY ВАВИ – DR. SACHIN SAHU MEMBER

MEMBER







STARDUST AND SACRIFICE: THE POETIC ODYSSEY OF

"The sky is not the limit, it is only the beginning."

Beneath the infinite canvas of the cosmos, where stars are born and galaxies swirl in silent majesty, a quiet revolution was unfolding on a small blue planet. In the tropical heat of Thumba, where fishermen once mended their nets under skies streaked with rocket trails, a nation began whispering to the universe.

This is not just the story of the Indian Space Research Organisation. This is an epic—written in equations and rocket fuel, in shattered dreams and triumphant landings, in the sweat of scientists who worked under flickering tube lights and the tears of a nation that dared to reach for the moon.

Prologue: The Alchemists of Thumba

1963. A converted church. A fishing village.

The St. Mary Magdalene Church in Thumba, Kerala, where hymns once echoed, now housed something far more celestial—India's first rocket launch facility. The altar became a workbench; the pews, storage for rocket parts. Outside, fishermen watched as strange metallic birds were carried into the chapel, their hulls gleaming under the Arabian sun.

Dr. Vikram Sarabhai, the cosmic dreamer, stood there. His eyes scanning the horizon. He saw what others could not, a future where India didn't just gaze at the stars but touched them.

"We must be second to none in the application of advanced technologies to the real problems of man and society."

-Dr. Vikram Sarabhai

And so, with borrowed rockets, makeshift launchpads, and a handful of young scientists who worked for passion more than paychecks, India's space odyssey began.

– <u>Chapter 1: The First Verse – Aryabhata's Song</u>

April 19, 1975. Kapustin Yar, USSR.

Aryabhata, India's first satellite, named after the ancient mathematician who mapped the heavens centuries before Galileo, spun into the void atop a Soviet rocket. It was a modest beginning—a 360-kg metallic sphere with solar panels like outstretched wings, humming silently in the cosmic dark. Back in Bangalore, engineers hunched over oscilloscopes, straining to catch its faint signals. The newspapers called it a triumph. The scientists knew the truth—it was a promise. We will go farther.

Chapter 2: The Fire-Bearers – The SLV-3 and the Agony of Flight



August 10, 1979. Sriharikota.

The SLV-3, India's first homegrown rocket, stood trembling on the launchpad. Inside its nosecone sat Rohini, a humble satellite meant to prove India could reach space alone. The countdown ended. The engines roared.

And then 'catastrophe'.

A faulty valve. A shuddering explosion. The rocket veered wildly before plunging into the Bay of Bengal.

In Mission Control, silence. A young engine<mark>er</mark> named K. Sivan (who would decades later become ISRO's chairman) clenched his fists. Failure.

But Sarabhai had taught them: "Every rocket that fails is a stepping stone to one that flies." July 18, 1980. The SLV-3 rose again—this time, straight and true. Rohini slipped into orbit. India had arrived.

<u>Chapter 3: The Silent Guardians - INSAT and the Art of Watching</u>

While the world marvelled at moon landings and space shuttles, ISRO was perfecting something far more revolutionary—the art of seeing.

The INSAT satellite<mark>s beca</mark>me <mark>India's</mark> ey<mark>es</mark> i<mark>n</mark> the sky:

- Predicting cyclones before they ravaged coasts.
- Beaming television to villages where children had never seen a school.
- Linking a nation through whispers of data and light.

And then, EDUSAT—the world's first educational satellite—turned the sky into a classroom. In remote villages, children gathered around crackling TVs, watching lessons from faraway cities. The universe, it seemed, was the greatest teacher of all.

<u>Chapter 4: The Horse That Flew – PSLV's Unlikely Legend</u>

It was an ungainly beast- four stages, six strap-on boosters, a design so complex critics called it "overkill." But the Polar Satellite Launch Vehicle (PSLV) had a secret: it was relentless.

October 22, 2008. PSLV hurled Chandrayaan-1 toward the moon, where it discovered water molecules in the lunar soil, rewriting textbooks.

November 5, 2013. It flung Mangalyaan toward Mars, making India the first Asian nation to reach the Red Planet.

February 15, 2017. A single PSLV deployed 104 satellites in one flight—a ballet of metal and mathematics that left the world breathless. Each launch was a sonnet written in fire.

Chapter 5: The Fall and the Rise – Chandrayaan's Redemption



September 6, 2019.

Vikram Lander was 2.1 km above the moon when the signals turned chaotic.

"Velocity too high... trajectory deviation..."

In Mission Control, a woman's voice cracked: "We've lost Vikram."

The lander had crashed. ISRO Chairman K. Sivan, the boy who had watched the SLV-3 fail, now stood before cameras, his face a mask of calm.

"We came very close. Next time, we will touch down."

August 23, 2023.

Vikram Lander descended once more. This time, its legs kissed the lunar dust gently, as if the moon itself was waiting.

India erupted. Fireworks tore through the night. Strangers hugged in streets. In that moment, every Indian was an astronaut.

<u>Chapter 6: The Dreamers – Gaganyaan and Bey</u>ond

2025.

Three Indians—Vyomanauts—will float inside a capsule, gazing at Earth through a tiny window. They will be the first of their kind, but not the last.

Their training is brutal:

- Spinning in centrifuges until vision blurs.
- Floating in water tanks to simulate zero gravity.
- Learning to survive even if the sky betrays them.

Because space does not forgive. But neither does the human spirit.

Epilogue: The Infinite Horizon

ISRO's story is etched in paradoxes:

- A space program born in a fishing village.
- Rockets assembled by hand flying farther than supercomputers predicted.
- Failures that birthed greater triumphs.

It is a reminder that the universe favors not the wealthy, but the relentless.

As Chandrayaan-3's Pragyan Rover sleeps forever on the moon, its solar panels dusted with lunar twilight, it leaves behind a message in the soil:

"We were here. And we will return."

TEUGRATE CELECICERS

ISRO'S QUEST TO MOONOUST:

The Indian Space Research Organisation (ISRO) has made remarkable strides in space exploration, with its quest for Moon sand representing a significant scientific endeavor. Moon sand, or lunar soil or regolith, is the fine, dustY Material Covering the Moon's surface. ISRO's interest in Moon sand is driven by its potential to advance scientific knowledge, support future lunar Missions, and aid in developing technologies for space Colonization.

The quest for moon sand began with ISRO's ChandraYaan Missions. ChandraYaan-1, launched in 2008, marked India's first successful lunar probe. While it did not Collect physical samples, it significantly contributed to lunar science, including discovering water molecules on the Moon's surface. ChandraYaan-2, launched in 2019, aimed for a soft landing near the Moon's south pole but partially succeeded, with the orbiter Continuing to send valuable data. ChandraYaan-3, launched in July 2023, successfully achieved a soft landing, Making India the fourth nation to land on the Moon and the first to reach the lunar south pole region. This milestone reaffirmed ISRO's commitment to lunar exploration.

The significance of Moon sand lies in its scientific and practical applications. Lunar regolith can provide insights into the Moon's geological history and the formation of the solar system. Analyzing its composition can reveal the presence of elements such as oxygen, silicon, and titanium, essential for understanding lunar Mineral resources.

FurtherMore, Moon sand Can be Crucial for in-situ resource utilization (ISRU) — the process of using local Materials for Construction and life support in future lunar bases. ISRO's interest in studying Moon sand aligns with global efforts to establish a sustainable human presence on the Moon.

ISRO has taken steps to simulate moon sand on Earth to prepare for future missions. By creating lunar soil simulants, ISRO enables researchers to test equipment, rovers, and life support systems under conditions similar to the Moon's surface. This effort ensures that technologies are rigorously tested before being deployed on actual Missions.

Moreover, ISRO's focus on Moon sand exploration contributes to international collaboration and scientific progress. The data collected from the lunar regolith can support joint space Missions, such as NASA's Artemis program and collaborations with other space agencies. India's advancements also inspire developing nations to pursue space research and innovation.

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ISRO also aims to explore the possibility of 3D printing structures using lunar regolith, which could reduce the need to transport construction materials from Earth, making space missions more efficient. Moreover, lunar soil's potential use in producing oxygen and fuel could significantly support longduration missions and reduce dependence on Earth.

Moreover, ISRO's focus on moon sand exploration contributes to international collaboration and scientific progress. The data collected from the lunar regolith can support joint space missions, such as NRSR's Artemis program and collaborations with other space agencies. India's advancements also inspire developing nations to pursue space research and innovation.

In Conclusion, ISRO's quest for Moon sand symbolizes India's growing presence in the global space exploration Community. By studying lunar regolith, ISRO aims to unlock scientific discoveries, develop sustainable space technologies, and Contribute to humanity's long-term aspirations of exploring and inhabiting celestial bodies. This ongoing pursuit not only showcases India's scientific prowess but also holds the promise of a collaborative future in space exploration. AURICA

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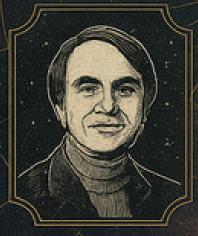
Space Sketchers

IAUREUS

PISCES

CETUS

Portraits of minds who dared to sketch the universe.



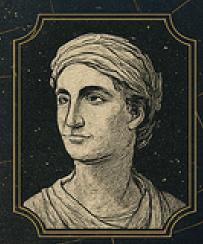
Carl Sagan



Vikram Sarabhai



Kalpana Chawla



Hypatia

Chronicles of cosmos

CARL SAGAN The Cosmic Poet

"Somewhere, something incredible is waiting to be known."

VISIONARY · STORYTELLER · COSMOLOGIST

Carl Sagan was more than an astrophysicist—he was the cosmic bard, a rare synthesis of science and soul. He stood at the intersection of intellect and imagination, translating the silence of the universe into words that stirred the very core of human consciousness. In a world driven by data, he brought in wonder. He made the universe feel like home.

With a gaze that reached beyond telescopes, and a voice that softened even the coldest truths of space, Sagan taught us that the cosmos is not just out there—but within us. "We are made of star-stuff," he said, collapsing the distance between our atoms and ancient supernovas. For him, astronomy wasn't about conquest—it was about connection. Through Cosmos, he became a household name, not by simplifying the science, but by dignifying the awe.

He saw Earth not as a geopolitical battleground, but as a fragile blue dot, suspended in a sunbeam—worthy of reverence, humility, and stewardship. His vision was not limited to telescopes or timelines; it reached into the ethical, the existential, and the poetic. Carl Sagan made us fall in love with the universe, not because it was vast and strange, but because it was part of us.

Even today, when we look at the night sky, we're not just seeing stars—we're seeing his legacy twinkle back at us.

He walked among stars without ever leaving the Earth.

Chronicles of cosmos

KALPANA CHAWLA

The Star-bound dreamer

"The path from dreams to success does exist. May you have the vision to find it, the courage to get on to it, and the perseverance to follow it."

EXPLORER · TRAILBLAZER · ASTRONAUT

Her journey began in the narrow lanes of Karnal, beneath modest rooftops and unassuming skies. But her dreams were boundless, written not on paper, but in the heavens. Kalpana Chawla was not born to follow paths—she was born to chart them.

An engineer, a flier, a seeker—Kalpana was all these, but most of all, she was a believer. In herself. In flight. In possibility. Her name, meaning "imagination," echoed through every step she took from studying aerospace engineering in India to soaring aboard the Space Shuttle Columbia. She didn't just break barriers; she dissolved them into stardust.

She was quiet, determined, meticulous. In the silence of space, she carried the voices of countless women, countless dreamers who saw in her a reflection of their own skyward hopes. Her journey wasn't merely personal—it was symbolic. A message etched in vapor trails: that gender, geography, or gravity need not constrain the human spirit.

Even in tragedy, she transcended. When Columbia disintegrated on re-entry, she became more than a name; she became a constellation in the collective Indian memory, an eternal reminder that courage has altitude. That even in falling, some souls rise.

Today, every girl who looks up at the stars doesn't just see the Moon or Mars- she sees Kalpana, smiling gently from the stratosphere, whispering: "You belong here."

She left Earth as an astronaut, but returned as a constellation

Chronicles of cosmos

DR. VIKRAM SARABHAI

The architect of India's Space Odyssey

"We must be second to none in the application of advanced technologies to the real problems of man and society."

PIONEER · DREAMWEAVER · STRATEGIST

Born into a family of privilege, he could have chosen ease. Instead, he chose elevation—not of self, but of a nation. To him, science was not a laboratory luxury but a moral necessity. He envisioned satellites irrigating fields, mapping forests, connecting classrooms- science that served the soil as much as the sky.

In the infancy of India's independence, he dared to dream of rocket launches from rice fields, of scientists in sandals building futures with slide rules and sky maps. His charisma didn't shout—it inspired. His leadership didn't command—it cultivated. In ISRO's humble beginnings, under corrugated sheds and coconut trees, Sarabhai saw not limitations, but latent constellations.

He walked between worlds—of scientists and statesmen, of tradition and tomorrow. A Renaissance man with a cosmic compass, he saw the universe not as a spectacle, but as a shared inheritance. His belief in India's capacity was unshakeable. He didn't just build a space program; he sowed a philosophy—that knowledge, when wielded with vision and humility, can reshape a nation's destiny.

He left too soon. But his spirit is now etched into every PSLV launch, every Chandrayaan whisper, every Indian child tracing constellations with their fingertips. Vikram Sarabhai didn't just write a chapter in India's scientific history—he opened the book of stars, and invited us all to read.

There are men who reach for the stars—and then there are those who make stars reachable. Vikram Sarabhai belonged to the latter kind. Chronicles of cosmos

HYPATIA OF ALEXANDRIA

The Celestial Mathemagician.

Reserve your right to think, for even to think wrongly is better than not to think at all."

PHILOSOPHER · MATHEMATICIAN · ASTRONOMER

In the fading glow of classical antiquity, when empires trembled and ideologies collided, there lived a woman who dared to chart the skies while chaos churned beneath her feet—Hypatia, the luminous mind of Alexandria.

Daughter of the mathematician Theon, Hypatia inherited not just knowledge, but a fire to expand it. She mastered the heavens through Ptolemaic astronomy, improved the astrolabe, and taught Platonic philosophy with a clarity that enthralled scholars from far and wide. Her presence in the intellectual heart of Alexandria, among scrolls, sundials, and seekers was not just rare; it was radical.

Clad in scholar's robes, riding through the streets on her chariot, she became both legend and lightning rod. At a time when the ancient world was slipping into shadows, Hypatia stood fiercely for light- for logic, discourse, and inquiry. She welcomed minds from all backgrounds, regardless of faith or status, and in doing so, became a symbol not just of intellect, but of unity through knowledge.

But even stars face eclipse. In a city splintered by religious strife and political ambition, Hypatia's reason was mistaken for rebellion. Her brutal death at the hands of a mob marked the end of Alexandria's golden age, but not of her influence.

Today, she endures—in crater names on the Moon, in the dreams of every girl holding a telescope, in every thinker who chooses courage over comfort. Hypatia did not reach space, but she reached across time, reminding us that the cosmos begins not above, but within the mind unafraid to ask.

She didn't just question the stars, she became the answer history couldn't forget.

COSMIC CALENDAR 25-26

March 25 - Penumbral Lunar Eclipse: The Moon will pass through Earth's outer shadow, creating a subtle darkening.

April 8 - Total Solar Eclipse: A breathtaking celestial show a the Moon completely covers the Sun, revealing the solar corona

April 22-23 - Lyrid Meteor Shower: A dazzling display of shooting stars, peaking with up to 20 meteors per hour.

May 5-6 - Eta Aquarids Meteor Shower: Dust from Halley's Comet lights up the sky with swift, bright meteors.

> June 5 - Mercury at Greatest Elongation: Catch Mercury shining brightly in the western sky just after sunset.

June 21 - Summer Solstice: The longest day of the year in the Northern Hemisphere, as the Sun reaches its highest point.

July 21 - Saturn at Opposition: The ringed giant will shine the brightest and be visible all night through a telescope.

> August 12-13 - Perseid Meteor Shower: One of the most spectacular meteor showers, with bright, colorful meteors streaking through the sky.

September 17 - Neptune at Opposition: The blue giant will be at its closest and brightest, visible with binoculars or a telescope.

> September 22 - Autumn Equinox: Day and night will be nearly equal as the Sun crosses the celestial equator

October 14 - Annular Solar Eclipse: A ring of fire will blaze around the Moon as it covers most of the Sun.

> October 28 - Partial Lunar Eclipse: Part of the Moon will darken as it moves into Earth's shadow.

> > **November 17-18** - Leonid Meteor Shower: Famous for its periodic storms, this meteor shower will light up the night sky.

December 4 - Jupiter at Opposition: The gas giant will be at its brightest and most visible, glowing in the night sky.

> **December 14-15** - Geminid Meteor Shower: A grand celestial show, with multicolored meteors blazing across the heavens.

December 21 - Winter Solstice: The shortest day of the year in the Northern Hemisphere, marking the official start of winter.

2026 Cosmic Highlights

January 3-4 - Quadrantid Meteor Shower: A brief but intense meteor shower, with up to 120 meteors per hour at its peak.

March 14 - Mercury at Greatest Elongation: Witness Mercury at its farthest distance from the Sun in the morning sky.

March 20 - Spring Equinox: Day and night will be equal, marking the arrival of spring in the Northern Hemisphere.

April 13 - Jupiter at Conjunction: Jupiter will pass on the opposite side of the Sun, becoming temporarily invisible.

April 22-23 - Lyrid Meteor Shower: The annual Lyrids return, illuminating the night sky with swift, bright meteors.



NIT RAIPUR











Graduate Aptitude Test in Engineering

Ankur Srivastava



(Biomedical Engineering, AIR 45, GATE 2024)

1. How did you structure your overall GATE preparation (daily, weekly, and monthly)? Did you follow a fixed schedule, or did you study based on your comfort and grasp of subjects?

<u>Motivation:</u> Initially, I was also unaware of what Biomedical Engineering actually is. But as time passed by, it started to grow on me and I was fascinated by the cool stuff that you can do in BME. So, in India, if you want to do something in BME, then you gotta opt for higher studies. Like most of the students I also wanted to do masters from abroad but then I came to know that there's a very little chance of getting full or even 80-90% scholarship, so I dropped the idea of abroad and started focusing on India itself.

Preparation: I started preparing from a month before the beginning of the fourth year. Preparation strategy: Study *task based* instead of *time based* Eg: completing 1 unit in 1 week instead of deciding how many hours to study per day. Study when you feel like studying with 100% efficiency. Mathematics: cover syllabus from youtube and practice all PYQs Aptitude: just practice PYQs (my aptitude is weak though, cuz I gave more importance to technical subjects)

Technical subjects: Electrical circuits: study from youtube and do all PYQs(those asked from ECE branch well) Signals and systems: same Analog and digital electronics: same Sensors and bioinstrumentation: analyse PYQs and practice questions from Webster medical instrumentation book Human anatomy and

<u>Physiology</u>: very vast and uncertain, but from what I analysed in the PYQs was , cardiovascular system, nervous system and glands were the topics from which questions were mainly asked, so prepare it well. Youtube Channel that I suggest: Dr John Campbell lectures Medical imaging: analyse PYQs and practice questions from "Prince and Links" book Medical imaging is the most weighted subject in gate BME, so prepare it well. Biomechanics: Theory is vast and tough, so only prepare the biomechanics FBD numerical, it comes every year.

<u>Biomaterials:</u> Study biomaterials characterization techniques as given in syllabus and study all basic formulaes, Young's modulus, shear modulus, stress, strain etc. If you have time then only study the whole subject. Managing classes with college: Since in 4th year classes are very less and get over in first half itself, so you have full day to prepare for gate. I didn't sat for placements because it wasn't my first priority. Future plans: Going to join masters in biomedical engineering in one of the top IITs and once you get in , getting PhD abroad in a good university(fully funded with stipend) is very easy. So either I'll do that or work in a r&d job role in core BME field.

<u>Advice to juniors</u>: Prepare aptitude well, as it will be helpful in both placements and gate exam. For all other branches gate aspirants: Complete the syllabus(first finish the most weighted topics which will give you confidence). Prepare personalized short notes and mind maps. Revise atleast 3-4 times(theory as well as questions) Get familiar with the *gate calculator* Give at least 5-6 full length mock tests PS I was able to qualify gate ECE exam as well with 3346 rank with biomedical electronics knowledge.

2. Which subjects/topics did you find most scoring, and which ones required extra effort? How did you decide the priority order for covering different subjects?

Mathematics: cover syllabus from youtube and practice all PYQs Aptitude: just practice PYQs (my aptitude is weak though, cuz I gave more importance to technical subjects)

Technical subjects: Electrical circuits: study from youtube and do all PYQs(those asked from ECE branch well) Signals and systems: same Analog and digital electronics: same Human anatomy and physiology: very vast and uncertain, but from what I analysed in the PYQs was, cardiovascular system, nervous system and glands were the topics from which questions were mainly asked, so prepare it well. Youtube Channel that I suggest for anatomy and physiology : Dr John Campbell lectures Medical imaging(very high priority, must do subject): analyse PYQs and practice questions from "Prince and Links" book Medical imaging is the most weighted subject in gate BME, so prepare it well.

Biomechanics: Theory is vast and tough, so only prepare the biomechanics FBD numerical, it comes every year. Sensors and bioinstrumentation (very high priority, must do subject): Map previous year questions with Webster medical instrumentation Book and practice them well. Questions will be similar to PYQs. It looks kinda complicated, but questions are formulae based.

Biomaterials: Study biomaterials characterization techniques as given in syllabus and study all basic formulaes , Young's modulus, shear modulus, stress, strain etc. If you have time then only study the whole subject.

3. What were your go-to books, online platforms, and test series? How did you choose the best practice materials and avoid unnecessary resources?

Mathematics - gate wallah mathematics playlist

Aptitude - PYQs are enough

Electrical subjects - Sahav Singh Yadav youtube channel and PYQs

Human anatomy and physiology - Dr. John Campbell and Ninja nerd Medical Imaging - Prince and Links book (Pearson publication)

Bio instrumentation - Webster medical instrumentation Book

Biomechanics - Prof. Varadhan SKM NPTEL playlist (for understanding FBD questions)

4. How did you approach numerical problems and tricky conceptual questions? What strategies helped you improve speed, accuracy, and avoid silly mistakes?

Get familiar with GATE calculator Try to avoid Tricky questions Give at-least 10 mock tests before the real exam Do more and more PYQs.

5. How much time did you dedicate to PYQs, and what was your approach to analyzing them? Did you find any patterns or trends in GATE questions that helped in preparation?

Since GATE biomedical started in 2020. So, we don't really have much PYQs, but the main gate paper would be similar to the PYQs and other things I've mentioned above.

6. What was your strategy for revising effectively without wasting too much time? Did you make your own short notes/formula sheets, or did you rely on external sources?

While practicing questions, mark them as Easy, medium and hard. Don't revise easy questions, because you already have a hold on them. Medium questions- revise them time to time to retain the concept in your memory Hard questions - the approch will not pop up in your mind at the exam, so better to by heart them.

7. How many mock tests did you take, and how did you analyze your performance? How did you overcome low scores or setbacks in mock tests?

I gave 10 mock tests before exam Analysis - analyze your strong and weak subjects, work on weak subjects if time allows. Irrelevant question.

8. What was your approach for attempting the paper (time management, question selection)? How did you deal with stress, difficult questions, and maintaining focus during the exam?

There's a option in top right of the window, where you can see the PDF of all questions, open it and start marking the easiest questions, which you can do in one Go. Finish them you'll have confidence and then again analyze the remaining questions and find the doable questions and go so on..

9. What are the common mistakes GATE aspirants make, and how can they be avoided? If you could go back, what would you do differently in your preparation?

Don't let your ego come in between, leave tough question in which your stuck, even if you dedicated 1-2 months studing the same.

10. What is the most important piece of advice you would give to future GATE aspirants? How can aspirants stay consistent, motivated, and confident throughout their preparation journey?

GATE exam is gate to multiple opportunities, higher studies in india from top institutes, PSUs, to JRF positions. Staying motivated, i believe GATE is easier than JEE and since you guys have already cleared JEE, you should be confident that you can clear gate. I myself had 7.86 CPI and my class rank was very average still I was able to clear gate with AIR 45, so you can do it. Just be rational and clear about everything.

Achintya Jain



(Chemical 4th year, CAT 2024 Percentile 99.64)

1. Can you introduce yourself and tell us about your academic and professional background?

I am Achintya Jain, a current 4th year student of Chemical Engineering at NIT Raipur, and I recently got 99.64 percentile in CAT 2024.

2. What motivated you to appear for CAT, and how did you plan your preparation journey?

My motivation to appear for CAT stemmed from a mix of academic exposure, leadership experiences, and career aspirations. While pursuing my BTech in Chemical Engineering at NIT Raipur, I actively participated in student organizations like Literati, Think India, Go Green, and Technocracy. These experiences allowed me to develop skills in management, strategic thinking, and leadership, which gradually sparked my interest in pursuing an MBA. Over time, I realized that my career aspirations extended beyond a purely technical role, and I wanted to explore opportunities where I could combine problem-solving with decision-making at a larger scale. When I decided to prepare for CAT, I knew that structured planning and consistency were key. I focused on strengthening my basics in Quantitative Aptitude, Logical Reasoning, and Verbal Ability by using standard resources and practicing regularly. Taking mock tests and analyzing them thoroughly helped me identify my weaknesses and improve my time management. In the final months, I concentrated on revision and refining my test-taking strategy to maximize my performance in each section. Beyond academics, I also worked on maintaining a balanced approach to preparation, ensuring I stayed motivated and resilient throughout the journey. CAT was not just an exam for me but a step toward a career path that aligns with my strengths and interests, allowing me to develop a problem-solving mindset that extends far beyond the test itself.

3. When did you start preparing for CAT, and how did you structure your study plan? What were your go-to resources—books, online platforms, mock tests, etc.?

I started preparing for CAT around a year before the exam. Initially, my focus was on building conceptual clarity in Quantitative Aptitude, Logical Reasoning, and Verbal Ability. I allocated the first few months to understanding fundamental concepts and solving basic problems. Once I gained confidence, I gradually increased the difficulty level and started practicing time-bound exercises. As the exam approached, I shifted my focus to intensive practice through mock tests and analysis. I structured my study plan by dividing my preparation into phases. The first phase was dedicated to concept-building, where I referred to standard books and online resources to strengthen my understanding. The second phase focused on rigorous practice through sectional tests and topic-wise exercises. The final phase revolved around taking full-length mock tests and analyzing my performance to identify weaknesses and improve accuracy and time management.

For resources, I relied on books like Arihant for Quantitative Aptitude, Logical Reasoning, and Data Interpretation. For Verbal Ability, I focused on extensive reading, practicing RCs from various sources, and using materials from online platforms. Mock tests played a crucial role in my preparation, and I made sure to take them regularly from reputed coaching institutes. Analyzing these mocks thoroughly helped me fine-tune my strategy and work on my weaker areas. A key aspect of my preparation was consistency. Instead of studying for long, exhaustive hours, I maintained a steady routine and ensured daily practice across all three sections. This structured approach helped me stay focused and maximize my performance in the exam.

4. How did you stay motivated throughout the preparation phase?

Staying motivated throughout the CAT preparation phase was a challenge, but I managed it by maintaining a disciplined yet flexible approach. Rather than aiming for unrealistic study hours, I focused on consistency—even on difficult days, I ensured I solved at least a few questions or read something relevant. Small, achievable milestones kept me engaged and gave me a sense of progress.

5. What was your strategy for VARC (Verbal Ability & Reading Comprehension)?

I would make sure to read news articles every day, and made sure to check the meanings of any new words I came across.

6. How did you tackle DILR (Data Interpretation & Logical Reasoning), considering its unpredictable nature?

DILR was the most unpredictable section in CAT, so my strategy focused on pattern recognition, structured practice, and smart selection of sets rather than just solving a large number of questions blindly. Since DILR doesn't have a fixed syllabus, I started by identifying common question patterns—arrangements, Venn diagrams, games and tournaments, networks, caselets, and traditional DI sets like bar graphs and tables. I practiced a variety of these to build familiarity with different structures. However, I didn't just solve them mechanically—I focused on understanding how to break down complex information and approach problems systematically.

7. What was your approach to QA (Quantitative Aptitude), and how did you handle tricky problems?

My approach to Quantitative Aptitude (QA) was based on conceptual clarity, structured practice, and strategic time management. Since QA is vast but based on fundamental concepts, I focused on building a strong foundation first rather than jumping straight into complex problems. I started by thoroughly covering the basics of key topics like Arithmetic, Algebra, Geometry, and Number Systems, as these form the bulk of the CAT syllabus. Instead of just memorizing formulas, I worked on understanding their applications, which helped me solve problems more intuitively. Arithmetic, in particular, played a crucial role in my preparation, as it contributes significantly to the QA section. For practice, I initially solved topic-wise questions, gradually increasing the difficulty level. Once comfortable with individual topics, I moved to mixed-question practice to simulate the actual exam scenario. This helped me develop the ability to switch between different concepts quickly.

Handling tricky problems required a mix of pattern recognition, logical elimination, and approximation techniques. If a question seemed too complex, I would check if it could be solved through alternative approaches like back-substitution, options elimination, or approximation rather than detailed calculations. This helped save time and avoid unnecessary lengthy computations. In the final months, I focused on speed and accuracy, ensuring I could attempt a balanced number of easy, medium, and difficult questions efficiently. By keeping a structured approach and practicing consistently, I developed confidence and adaptability, which helped me tackle even the trickiest QA problems in the actual exam.

8. Which section did you find most challenging, and how did you overcome your weaknesses?

The section I found most challenging was VARC (Verbal Ability & Reading Comprehension), primarily because of the uncertainty in answer choices and the need for precise comprehension. Unlike QA, where there is a clear right answer, or DILR, where logic dictates the solution, VARC often had close answer choices, making it difficult to decide between two seemingly correct options. Initially, my biggest struggle was accuracy in Reading Comprehension (RCs). I would often misinterpret the author's tone or fall for trap options that seemed correct but were slightly misleading. To overcome this, I worked on active reading techniques, ensuring I understood the central idea and the relationship between different paragraphs rather than just skimming for answers. I also practiced summarizing passages in a few sentences to improve my retention.

9. How many mock tests did you attempt, and how did you analyze your performance? Did your mock test scores fluctuate? How did you handle setbacks?

I attempted 10 mock tests during my preparation, and while my scores fluctuated slightly, they provided valuable insights into my strengths and weaknesses. Each mock test was an opportunity to fine-tune my strategy rather than just a measure of my performance. After every mock, I analyzed my performance thoroughly instead of just focusing on the overall score. I looked at accuracy rates, time spent per question, and question selection mistakes. For sections like DILR, I checked if I had chosen the right sets or wasted time on unnecessarily difficult ones. In QA, I reviewed whether I made calculation errors or struggled with specific topics. For VARC, I focused on understanding why I got certain RC or VA questions wrong, especially when two answer choices seemed similar. My scores did fluctuate, but I took that as part of the learning process rather than getting discouraged. On days when I scored lower than expected, I identified whether it was due to conceptual errors, poor time management, or external factors like fatigue. Instead of overanalyzing one bad test, I looked at trends across multiple mocks to track my overall progress.

10. What was your strategy during the actual exam—sectional time allocation, skipping tough questions, etc.?

During the actual CAT exam, my strategy focused on efficient time management, strategic question selection, and maintaining composure under pressure. Since each section had a fixed time limit, I ensured that I optimized my time allocation within each section rather than rushing or getting stuck on difficult questions.

For VARC, I spent the first few minutes scanning the RC passages and selecting the ones that seemed the most straightforward. I ensured I didn't spend too much time on a single passage and moved to Verbal Ability questions with at least 10–12 minutes remaining. In DILR, my priority was selecting the right sets. I spent the first 2–3 minutes scanning all the sets and identified 2–3 that looked manageable. I avoided time-consuming calculations and moved on if I felt stuck. My goal was accuracy over quantity, ensuring I didn't waste time on unsolvable sets. For QA, I started with easy and familiar questions first. I quickly scanned the section and marked questions that I could return to later. If a question seemed too calculation-heavy or tricky, I skipped it and came back only if time allowed. I ensured I didn't spend more than 2 minutes on any single question to maintain a steady pace. Throughout the exam, I stayed calm and focused, not letting one tough question affect my overall performance. I reminded myself that CAT is as much about strategy and decision-making as it is about knowledge, which helped me maximize my score without unnecessary stress.

11. How did you shortlist B-schools based on your score?

I shortlisted B-schools based on a combination of my CAT score, academic background, career goals, and institute reputation. While percentile was a key factor, I also considered placement reports, faculty, peer group quality, alumni network, and specialization strengths before making my choices. I first categorized institutes into aspirational, target, and safe options based on previous year cutoffs and my expected performance. Aspirational institutes were the top-tier IIMs and other prestigious B-schools where the cutoff was slightly higher than my score but still within reach. Target institutes were those where my score aligned well with past cutoffs, giving me a strong chance of conversion. Safe options were institutes where I had a high probability of getting an admission offer. Beyond rankings, I focused on institutes that aligned with my long-term career goals. Since I was looking for a program that balanced academic rigor with industry exposure, I researched placement reports, internship opportunities, and corporate tie-ups. I also considered factors like campus culture, alumni network, and location advantages, as they play a significant role in career growth. Finally, I ensured that the B-schools I applied to had a strong return on investment (ROI), both in terms of learning experience and career prospects. This structured approach helped me make informed decisions and choose institutes that best fit my aspirations.

12. What was your preparation strategy for GD-PI-WAT (Group Discussion, Personal Interview & Writing Ability Test)?

My preparation strategy for GD-PI-WAT focused on building strong content, improving articulation, and practicing structured responses to ensure clarity and confidence during the selection process. For WAT (Written Ability Test), I worked on developing a structured approach to essay writing. I practiced writing on current affairs, abstract topics, and business-related issues, ensuring my essays had a clear introduction, body, and conclusion. I focused on presenting logical arguments, supporting them with relevant examples, and maintaining a neutral, well-balanced perspective. To improve clarity and coherence, I also refined my writing by reading editorials from The Hindu, The Indian Express, and The Economic Times. For GD (Group Discussion), I focused on content development and effective participation.

I made sure to stay updated on current events, economic trends, and key national and international issues. During practice GDs, I worked on structuring my thoughts quickly and contributing meaningfully without being overly aggressive. I also learned to listen actively, acknowledge others' viewpoints, and steer discussions constructively rather than just focusing on speaking more. For PI (Personal Interview), I categorized my preparation into personal questions, academic knowledge, and current affairs. I prepared answers for common questions like "Tell me about yourself," "Why MBA?" and "What are your career goals?", ensuring my responses were authentic and well-structured. Since I came from an engineering background, I revised key concepts from my undergraduate coursework to be prepared for technical questions. Additionally, I stayed updated with major business and economic developments, especially industry-specific trends, to demonstrate awareness during the interview. Mock interviews played a crucial role in refining my responses. I participated in peer mock sessions and institute-led practice interviews, which helped me work on my body language, clarity, and confidence. Constructive feedback allowed me to fine-tune my answers and eliminate unnecessary filler words.

13. Can you share some common PI questions and how you tackled them?

During my PI preparation, I encountered a mix of personal, academic, career-oriented, and general awareness questions. I prepared structured responses to ensure clarity, conciseness, and confidence. Here are some common PI questions and how I tackled them:

1. Tell me about yourself. This is often the opening question, and I structured my response to cover my background, education, key achievements, interests, and career aspirations. I kept it crisp yet engaging, ensuring it reflected my personality beyond just academics. Instead of repeating my résumé, I highlighted aspects that made me stand out, such as leadership roles in college clubs and my motivation for pursuing an MBA.

2. Why MBA? I connected my answer to my past experiences and future aspirations. Coming from an engineering background, I explained how my involvement in college committees sparked an interest in management, leading me to explore areas like leadership, decision-making, and business strategy. I emphasized that an MBA would help me bridge the gap between technical expertise and managerial skills, preparing me for leadership roles in the future.

3. What are your strengths and weaknesses? For strengths, I chose qualities backed by real-life examples, such as problem-solving skills, adaptability, and structured thinking. For weaknesses, I mentioned traits I was actively working on, like delegating tasks more efficiently or overanalyzing decisions, and explained the steps I was taking to improve.

4. Questions from academics. Since I had an engineering background, I was asked basic questions about chemical engineering concepts. I revised fundamental topics to ensure I could answer confidently, and if I wasn't sure about something, I acknowledged it honestly while attempting to logically explain the concept.

5. Where do you see yourself in five years? I aligned my response with my long-term career goals, emphasizing growth, learning, and leadership roles. Rather than stating a specific company or job title, I focused on gaining experience in management, working on strategic decision-making, and contributing to impactful projects.

6. Questions on current affairs and business awareness. I was asked about recent economic trends, major government policies, and industry-specific developments. To stay prepared, I regularly read business newspapers (Economic Times, Business Standard),

watched interviews of industry leaders, and followed updates on global markets. If I didn't know the exact details, I made sure to provide a well-reasoned perspective based on what I knew. The key to tackling PI questions was preparation, structured thinking, and confidence. I ensured my answers were genuine, backed by examples, and aligned with my career aspirations, which helped me leave a strong impression during the interview.

14. What are some common mistakes CAT aspirants should avoid? Any tips for future aspirants to maximize their scores? How do you see CAT preparation helping in MBA and beyond?

One of the most common mistakes CAT aspirants make is focusing too much on quantity over quality when it comes to practice. Many candidates believe solving a large number of questions or taking excessive mock tests is enough, but without proper analysis, the learning remains ineffective. It's crucial to review each mock test thoroughly—understanding mistakes, identifying weak areas, and refining strategies accordingly. Another mistake is ignoring section-wise balance. Some aspirants focus only on their strong areas while neglecting weaker sections. Since CAT has sectional cutoffs, a balanced approach is necessary. For example, a candidate strong in QA but weak in VARC must dedicate extra time to reading comprehension and verbal logic rather than just practicing math. Time management during the exam is another challenge. Many aspirants spend too much time on tough questions instead of moving on. Smart question selection is key-identify high-probability questions and avoid time traps. Practicing mock test simulations with a focus on skipping difficult questions quickly can help develop this skill. For future aspirants looking to maximize their scores, my biggest tip is to build conceptual clarity before diving into speed practice. Rather than memorizing formulas or tricks, understand the logic behind them. Also, maintain consistency in preparation—short bursts of intense study are less effective than regular, structured practice over time. CAT preparation doesn't just help with MBA admissions; it builds problem-solving, analytical thinking, and time management skills, which are crucial for B-school coursework and corporate life. The rigorous practice of breaking down complex problems, making quick decisions, and working under pressure mirrors real-world business scenarios, making the preparation highly relevant even beyond the exam.

15. CAT preparation can be overwhelming. How did you manage stress and anxiety, especially in the final months?

CAT preparation can be overwhelming, especially in the final months when pressure is at its peak. To manage stress and anxiety, I focused on maintaining a balanced routine, setting realistic goals, and keeping a positive mindset. One of the most effective ways I handled stress was by sticking to a structured study plan. Instead of randomly attempting questions, I divided my preparation into focused study sessions with breaks in between. This prevented burnout and kept me motivated. I also ensured that I wasn't just preparing endlessly but also revising effectively and taking regular mock tests to track progress. In the last few months, mock test fluctuations became a major source of anxiety, but I reminded myself that a single bad mock didn't define my actual performance. Instead of stressing over scores, I focused on mock analysis and learning from mistakes. I also avoided overloading myself with too much last-minute practice and focused on reinforcing strengths rather than cramming new concepts. To keep my mind fresh, I made

sure to take breaks and engage in activities that helped me relax, such as listening to music, going for a walk, or talking to friends. Surrounding myself with a positive support system helped me stay motivated. Good sleep, light exercise, and mindfulness techniques like deep breathing also played a crucial role in keeping anxiety under control. Closer to the exam, I avoided unnecessary discussions about CAT difficulty levels or percentile predictions, as they only added to the stress. I focused on my strategy, remained confident in my preparation, and reminded myself that staying calm and composed on exam day was just as important as knowing the concepts. Ultimately, I treated CAT as a test of strategy, patience, and adaptability rather than just knowledge, which helped me stay mentally strong and perform my best on exam day.

16. Many aspirants struggle with consistency. What was your secret to maintaining regular study habits? Did you have a fixed daily schedule, or was it more flexible?

Maintaining consistency in CAT preparation was crucial for me, and I followed a mix of structured planning and flexibility to ensure steady progress without burnout. Rather than following a rigid daily schedule, I set weekly goals to cover specific topics, take mock tests, and analyze mistakes. This approach gave me the flexibility to adjust based on my energy levels and focus on areas needing improvement without feeling pressured to stick to a fixed routine. To build a regular study habit, I made sure to study at a consistent time every day, treating CAT prep like an essential part of my routine rather than something optional. I prioritized quality over quantity, ensuring that even if I studied for a shorter duration on some days, my sessions were focused and productive. The biggest secret to consistency was staying motivated by focusing on the bigger picture—reminding myself why I wanted to crack CAT and how each small effort contributed to my larger goal. By maintaining discipline, adapting my approach when needed, and making learning engaging, I ensured that I stayed consistent throughout my preparation journey.

17. How important was your support system—family, friends, mentors, or study groups?

My support system played a crucial role in keeping me motivated and focused during CAT preparation. My family provided emotional stability, ensuring a stress-free environment, while my friends and study groups helped with doubt-solving, strategy discussions, and accountability. Talking to peers made the journey less isolating, and guidance from mentors, seniors, and online resources gave me structured insights on exam strategy and time management. Beyond academics, their support helped me manage stress, stay consistent, and approach the exam with confidence.

THE LETTER THAT NEVER ARRIVED

It was drizzling, the rain falling in a soft, steady rhythm as Ishani sat by the window, watching the city lights blur into streaks of gold and crimson. The city had changed, and so had she. But one question remained frozen in time. Why had Aarav never written back? She had poured everything into that letter—her love, her regrets, her dreams of a future with him. And then—nothing. Just silence.

A decade ago, she had been different— young, fearless, and convinced that love could defy distance. When Aarav left for another country to chase his dreams, she hesitated, unsure of whether to follow. By the time she realized she couldn't live without him, he was already gone. So she wrote him a letter, confessing everything, asking if he still felt the same. She mailed it with trembling hands, believing it would change everything.

But no reply ever came.

Eventually, Ishani forced herself to move on, pushing her feelings deep inside. She convinced herself he had made his choice, that silence was an answer too. She stopped waiting. Until today.

As she sorted through her late grandmother's belongings, an old book tumbled from a forgotten shelf, its pages worn with time. And from within it, a single envelope slipped out, like a ghost from the past.

She caught her breath, and reached for it with trembling hands, her heart pounding as she recognized the handwriting—her own. The envelope was sealed, its edges rough but untouched.

Unsent.

The truth hit her hard. The letter had never reached him.

A wave of emotions crashed over her—shock, regret, sorrow. Had he waited for a response that never came? Had he felt abandoned, just as she had? The thought tightened her chest.

Hands unsteady, she tore open the envelope, her own words staring back at her. Love. Apology. Hope. A decade's worth of emotions locked away in ink. Her fingers hovered over her phone. A decade had passed—was it too late?She hesitated, then quickly searched his name. Her breath hitched when she found it—Aarav Malhotra. Still in the same city.

With a racing heart, she pressed the call button. Each ring stretched endlessly.

Then, he answered.

"Hello?" His voice was older, deeper, but still unmistakably his.

She clutched the phone tighter. "Aaray ... it is me. Ishani."

Silence. Then a sharp intake of breath. "Ishani?" His voice held disbelief, and something else—something unspoken.

She swallowed hard. "I found the letter. The one I wrote to you ten years ago. It never reached you."

More silence. Then his voice came through, quieter now. "I thought you had moved on. I thought you did not care."

Tears welled in her eyes. "I thought the same, about you."

A deep sigh. "I waited, Ishani. I waited for so long."...

The rain outside grew heavier, tapping against the glass. Her heart pounded as she took a shaky breath. "Do you...still wait?"

A pause. Then, softly, "I never stopped."

Something inside her cracked open—grief, relief, longing. She wiped her tears, gripping the phone like it was a lifeline. "Then let's not waste any more time."

The rain poured harder, but for the first time in years, it did not feel like a storm. It felt like a beginning.

Maybe fate had delayed her words, but it had not erased them. Maybe, just maybe, some stories were not meant to end in silence.



Shantanu Trivedi metallurgical and materials engineering, 1st year.



THE NEVY FRA OF Will It End Energy Poverty?

It is common to come across communities with no access to electricity even though they live right under the power lines. Ironically, it is normalized that people engaged in back-breaking work to create infrastructure rarely get to taste the fruit of their labor. The question is do we want to continue with the inequality in the era of new energy as well?



Historian-Philosopher Will Durant stated- "Inequality is not only natural and inborn; it grows with the complexity of civilization." The statement holds true if one examines the energy distribution in today's world. The solemn resolve of the 7th Goal of the SDGs (Sustainable Development Goals), 'Ensuring access to affordable, reliable, sustainable, and modern energy for all,' seems like a distant dream. As per the UN's Sustainable Development Goals Report (2024), it is projected that at the current rate, 660 million people will still lack electricity, and 1.8 billion will not have access to clean cooking by 2030.

Poverty and Energy Poverty go hand in hand; the lack of energy alienates marginalized communities from the benefits brought by development. According to UNDP, "Energy poverty is a lack of adequate, reliable, and affordable energy for lighting, cooking, heating, and other daily activities necessary for welfare and development." Global electricity access developing economic and underdeveloped countries is generally less, but even in the global south, there is a deep disparity between the rich and the poor. Power consumption per person is the barometer of a nation's progress. Observer Research Foundation's 2024 paper shows India's per person energy consumption is 27.3 GJ, which is quite less compared to the world average of 77 GJ. Energy poverty deprives people of a dignified life and hinders their access to social, economic, and political opportunities. The problematic part is that the underprivileged, especially migrant workers, are caught in the vicious cycle of poverty without any hope of escaping it.

India has been dependent on fossil fuels for a major chunk of its power generation. Since these are exhaustible and cause global warming, transitioning to renewable sources of energy is imperative. The call for RE (Renewable Energy) is gaining momentum as the government and private sectors are showing interest in funding.

India's Renewable Energy Capacity (in MW)				THE CHART ILLUSTRATES INDIA'S ENE SOURCES AS PER THE STATISTICA
Energy Source	Achievements (31.03.2014)	Achievements (30.09.2024)	Growth (MW)	REVIEW OF WORLD ENERGY 2024.
Wind Power	21,042.58 MW	47,362.92 MW	26,320.34 MW	INDIA'S ENERGY RESOURCES
Solar Power	2,821.91 MW	90,762.12 MW	87,940.21 MW	
Small Hydro Power	3,803.68 MW	5,075.75 MW	1,272.07 MW	
Biomass (Bagasse) Cogeneration	7,419.23 MW	9,802.67 MW	2,383.44 MW	
Biomass (Non-bagasse) Cogeneration	531.82 MW	921.79 MW	389.97 MW	
Waste to Power	90.58 MW	249.74 MW	159.16 MW	
Waste to Energy (Off-grid)	275.71 MW	354.75 MW	79.04 MW	
Total Renewable Energy	35,849.59 MW	154,529.74 MW	118,680.15 MW	COAL • OIL • SOLAR AND WIND • HYDRO • OTHERS • NATURL
<u></u>				SOURCE :MINISTRY OF NEW AND RENEWABLE ENERGY

There are plans to venture into the One Sun One World One Grid Project (OSOWOG), aiming to connect 140 countries through a "common grid" that will be used as a channel for transferring solar power. The aim of the initiative is to generate round-the-clock electricity from the sun and capture the essence of "the sun never sets" as sunlight is available at one or the other geographical location. Though our country has made tremendous progress, we must not forget those who continue to live in the shadows.

It is indeed an exciting time for engineering students as, in the coming years, wider adoption of RE is anticipated. However, the question is – "Are we going to allow the unequal status quo to prevail, or will we address the inequality right away with technological solutions?". In this era of energy transition, the potential to work on flexibility, cost-effectiveness, and accessibility of RE is immense. As young engineers, hopefully, we will be able to take up the challenges and enjoy the journey towards a sustainable and energy-equal future.



SAYEE BHAKARE ELECTRICAL ENGINEERING, 1ST YEAR.

TECH-SAVVY LEADERS:

UNLOCKING NEW CAREER PATHS FOR ENGINEERING STUDENTS

As technology reshapes industries, the landscape of work is evolving rapidly. For engineering students contemplating a career shift into business management, understanding emerging fields like e-commerce and digital marketing is essential. These fields are not only transforming the global marketplace but also driving innovation in business strategy. By acquiring relevant skills in these areas, engineering students can position themselves at the forefront of future business leadership roles.

E-commerce has become a dominant force in the business world, with companies relying on online platforms to reach global audiences. For engineering students, the technical skills honed through their academic studies can serve as a strong foundation for excelling in this sector. E-commerce involves a blend of business strategy, technology, and customer experience, all of which require a thorough understanding of digital tools and platforms. From optimizing online stores to analyzing customer behavior using data analytics, engineering students have a unique advantage in understanding the technical aspects that drive ecommerce success.

For example, learning how to use platforms like Shopify or Amazon to manage product listings, optimize pricing, and analyze sales data can give you a practical understanding of the business side of e-commerce. Furthermore, engineering students are often skilled in programming and problem-solving, which can be valuable when working with e-commerce technologies such as web development or backend systems. This technical expertise can enable you to take on roles that merge business management with technology, such as e-commerce project management or digital product development. Digital marketing is another critical area where engineering students can gain a competitive edge. In today's business environment, marketing strategies are increasingly data-driven. Digital marketing involves leveraging tools like social media, search engine optimization (SEO), email marketing, and targeted advertising to attract and engage customers. With a strong technical mindset, engineering students can excel in analyzing data to assess the performance of digital marketing campaigns, using metrics to optimize strategies for higher engagement and ROI.

To get started, engineering students can explore online courses and certifications that offer practical insights into ecommerce and digital marketing. Platforms like Coursera, LinkedIn Learning, and Google Analytics Academy provide flexible learning opportunities that cater to busy schedules. Participating in internships or part-time jobs that focus on digital business management can also provide real-world experience, allowing you to apply your engineering skills in a business context.

By integrating technical expertise with an understanding of digital marketing and e-commerce, engineering students can successfully navigate the future of work. With the right skills, they can move beyond traditional engineering roles into business management, leading the next generation of techdriven business innovation.



Jeevana Kalla

Humanities and Social Sciences, PhD, 2nd year

NETFLIX

ELLIS ELLIS ELLIS Netflix is one of the largest streaming platforms in the world, known for its wide range of entertainment content, including movies, TV shows, documentaries, and original programming.

Netflix's cultural impact is vast and multifaceted, influencing how people consume media, the types of stories told, and even global conversations.

It has been the source of vast variety of memes most notably the phrase "Netflix and chill" is synonymous with entertainment

- Shaping Viewing
- Binge-Watching Phenomenon

Netflix revolutionized how people watch TV by releasing entire seasons of shows at once.

Viewers no longer wait for weekly episodes, fundamentally changing how stories are consumed and discussed.

The ability to watch anytime, anywhere transformed entertainment into a highly personalized experience.

Streaming eclipsed traditional TV and even movie theaters for many, challenging cable networks and cinema industries.

Netflix invests heavily in local productions, giving global audiences access to culturally rich content.

1. Stranger Things (Sci-Fi, Thriller)

Why Watch: A perfect blend of 1980s nostalgia, supernatural mystery, and heartwarming friendships. The show offers suspenseful storytelling with compelling characters and a chilling "Upside Down" world.

2. The Crown (Drama, Historical)

Why Watch: Delve into the fascinating life of Queen Elizabeth II and the British monarchy. Stunning performances and historical accuracy make it a must-watch for history buffs and drama lovers.

3. Money Heist (La Casa de Papel) (Crime, Thriller)

Why Watch: This Spanish series combines intelligent heists with emotional depth. The Professor's meticulous plans and the ensemble cast keep you hooked till the end.

5. Dark (Sci-Fi, Mystery)

Why Watch: A German series that redefines time-travel storytelling. Its intricate plot and mind-bending twists make it one of Netflix's smartest shows.

7. The Witcher (Fantasy, Action)

Why Watch: Dive into a richly crafted fantasy world filled with monsters, magic, and morally complex characters. Perfect for fans of epic tales like Game of Thrones.

4. Squid Game (Thriller, Drama)

Why Watch: A South Korean phenomenon that critiques capitalism through a deadly series of children's games. Its high stakes and emotional storylines are gripping and thought-provoking.

6. Wednesday (Fantasy, Comedy)

Why Watch: A gothic coming-of-age story centered on Wednesday Addams. Tim Burton's direction and Jenna Ortega's stellar performance breathe new life into the Addams Family universe.

8. The Queen's Gambit (Drama, Sports)

Why Watch: This miniseries about a chess prodigy blends intense competition with personal struggles. Even if you don't play chess, it's captivating and visually stunning.

9. BoJack Horseman (Animation, Dark Comedy)

Why Watch: A hilarious yet poignant take on fame, mental health, and existential crises. Its layered storytelling makes it one of the most profound animated series.

11. Peaky Blinders (Crime, Drama)

Why Watch: Follow the Shelby family's rise to power in post-WWI England. With sharp writing and Cillian Murphy's magnetic performance, it's an instant classic.

10. Arcane (Animation, Fantasy)

Why Watch: Based on the world of League of Legends, this visually breathtaking show boasts a deep narrative about class struggles, relationships, and power.

12. Breaking Bad (Crime, Thriller)

Why Watch: While not a Netflix original, this is a masterclass in storytelling about a chemistry teacher-turned-drug lord. It's gripping, intense, and unforgettable

13. Narcos (Crime, Biographical)

Why Watch: Explore the rise and fall of notorious drug lords like Pablo Escobar. A gritty, action-packed dive into the drug trade's global impact.

14. Black Mirror (Sci-Fi, Anthology)

Why Watch: Each episode is a standalone story exploring the dark side of technology and human nature. Perfect for thought-provoking, dystopian storytelling.

Each of these shows offers something unique, whether you're in the mood for action, drama, or heartfelt storytelling. Let me know if you'd like recommendations tailored to your favorite genres!



REACHING NEW HORIZONS: The Satellites Between Rohini and Bhaskara (1979–1981)

Imagine a time when India was just beginning to dream big in the realm of space exploration—a time when each step felt like a giant leap for a nation striving to touch the stars. Between 1979 and 1981, ISRO embarked on a journey that was nothing short of revolutionary. This was the era of Rohini and Bhaskara, names that would become synonymous with India's relentless pursuit of self-reliance and innovation in space.

Step into the time machine and set the dial to July 18, 1980. The atmosphere crackles with anticipation as the roar of engines fills the air. You're standing at Sriharikota, India's budding spaceport, witnessing history unfold. Before your eyes, the mighty SLV-3, India's first indigenously developed launch vehicle, stands tall, flames erupting from its base as it powers into the sky.

Inside the SLV-3 is the Rohini Technology Payload (RTP), India's first satellite to be placed in orbit by an indigenous launch vehicle. The moment the satellite deploys into space, a wave of pride sweeps over you.

It's not just a satellite launch—it's the birth of a dream.

The crowd erupts in thunderous applause, scientists exchange triumphant smiles, and India cements its place among the elite group of nations with the capability to launch satellites independently. The success of RTP is the cornerstone of the Rohini Satellite Series, proving that India's aspirations to explore space are no longer just aspirations they're reality. Even as Rohini was making headlines, another marvel was already up there, silently watching over Earth. Let's rewind the clock a little further. It's

June 7, 1979, and the Bhaskara-I satellite is hurtling through the heavens. Named after the legendary Indian mathematician and astronomer Bhaskara, this satellite is more than a tribute—it's a trailblazer.

It's armed with cameras and sensors, scanning Earth's surface with unprecedented precision. The data it gathers will empower farmers, meteorologists, and scientists back home. From your vantage point, the vivid blues of the oceans and the greens of India's farmlands seem to stretch endlessly.

The time dial on your wrist beeps, fast-forwarding to November 20, 1981. As you float alongside Bhaskara-II, it feels like greeting an old friend. A twin to its predecessor, this satellite is equipped with enhanced capabilities, ready to deepen India's understanding of Earth's natural resources.

From your orbital view, you see its cameras scanning the planet, gathering data that will guide agricultural policies and disaster management for years to come. The legacy of Bhaskara-II is unmistakable—it solidifies India's role as a leader in remote sensing technology.

As your time machine returns to 2024, you remove your helmet and reflect on the journey. So the next time you look up at the night sky, remember—those tiny, twinkling satellites are more than just dots of light. They're storytellers, narrating India's incredible odyssey among the stars.

TRIPTI PATEL ECE, 1st year



TRAILS.

*OF WORDS



ENGINEER'S BLUEPRINT

When you could stand organization even as plans are transferring, And hold your cool while chaos starts to brew, When you could dig for solutions, hassle-lifting, And recognize every setback has a lesson too.

> When past due nights find you there, never With tired eyes and desire that does When you may smile via disasters, slow That each small step adds up bit l

When you could dream, but no longer wander off in scheming, And turn those desires into something real and actual, When challenges keep coming, but you're beaming, Because you realize there's nothing you couldn't do.

> When you can listen, learn, and share your vision, And take the hits without your spirit bent When every mistake will become a clear revision, And you find pleasure in how the time was spent...

When you can work with experts, buddies, and strangers,
And lead or comply with, knowing when to influence,
When you include the hazard and all its dangers,
But by no means permit it to develop into doubt or worry.

When days are lengthy, however purpose maintains you going, And laughter fills the areas in between, You'll see your work, alive and clearly glowing And recognize, as an engineer, what it means.



Mayank Dewangan

Mining,2nd year

REDEMPTION

FROM THE DIRTIEST, STINKING LAKE; THE BRIGHTEST LIGHT COULDN'T MAKE A REFLECTION CRIMES OF WITNESSED BUT SILENT, NEVER FIND REDEMPTION AND HOW IS THAT WHEN THE INNOCENT SOUL CRIED YOU DIDN'T SPEAK OUT IS IT THAT THE CONSCIOUS PIECE OF YOU DIED? IF THEY WERE SUFFOCATED, WHY DIDN'T YOU MAKE A NOISE? IN THE SHRINE OF JUSTICE, WHY DIDN'T YOU RAISE THE VOICE? AND OH! JUST DON'T TELL ME OF CELLATION YOU FEARED ANC TALK 'BOUT THE POST & POWER, YOU NEVER REALLY CARED AND ONCE AND FOR ALL WHAT YOU SHOULD REALLY BE AFRAID OF IS WHEN YOUR SOWN SADISTS BACKFIRE, BUT WELL- WISHERS WERE SMEARED OFF LITTLE DID YOU KNOW, EACH SILENCE WAS COUNTED YOU PASSED BY, BUT 'VICTIM SCREAMS' SURMOUNTED SO, IN THE DEATHBED WHEN SUFFERINGS TAKE OVER YOU WOULD KNOW THE PAINS, YOUR SILENCE DEVOUR KARMA WILL HIT BACK AND DESTINY CRUCIFY YOU LAY; TOO WEAK TO SPEAK; TOO WEAK TO JUSTIFY....

> **ADITI DIWAN** Chemical, 1st Year

The Unseen Growth

Everywhere I look up to, All I could see is a blanket so dark. For the ones wondering who am I, I am a seed, sown in the corner of the park.

There's no one surrounding me. And I've heard, one day I'd become a huge tree. But I'm afraid I might get eroded by the storm. Or I may never break free from this reddish-brown dorm.

I PONDER, WHAT DOES IT LIKE TO FEEL? GROWING UP ABOVE THE GROUND. I APPERCEIVE THE FEELINGS OF INADEQUACY, AND MY FEAR KNOWS NO BOUNDS. ULTIMATELY, AFTER DAYS AND DAYS HAVE PASSED; THE MOMENT ARRIVES-L EMERGE AT LAST. THE FIRST RAY OF SUNLIGHT EMBRACES ME BY ITS WARMTH. VEILED BY THE COLOUR GREEN, MY NEW LEAVES MOVE BACK AND FORTH. AFTER EVERY STORMY NIGHT, A NEW DAWN FINDS ITS WAY. WITH COURAGE SHINING FIERCE AND BRIGHT, YOU'LL RISE AGAIN-COME WHAT MAY.



TRIPTI PATEL ECE, 1st year

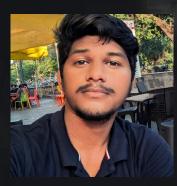
The Paradox of a Lonely Heart

IN THE SHADOWS, I WEAR A MASQUERADE OF GRACE, A practiced art, a false smile to embrace. Hiding my sadness, I've worn it for a while, Even as my pain speaks, I hide it with a guile.

TEARS IN MY EYES, YET A SMILE I PORTRAY, THE PARADOX OF MY HEART, NIGHT AND DAY. Why does this pain persist, so hard to unveil, In this charade of joy, I endlessly sail.

I PONDER, WHAT DOES IT LIKE TO FEEL? GROWING UP ABOVE THE GROUND. I APPERCEIVE THE FEELINGS OF INADEQUACY, AND MY FEAR KNOWS NO BOUNDS.

A LIFETIME WITH THIS MASK, WILL IT BE MY FATE? OR WILL I DISCOVER SOLACE, A DIFFERENT STATE? AMIDST THIS TURMOIL, WILL A CURE EVER APPEAR? OR IN THIS MASQUERADE, WILL I DISAPPEAR, I FEAR.



R Shrish

Mechanical, 2nd Year

Wind

THE WIND BLOWS, PRODUCING A RESONANT SOUND, THE LOVELY BREEZE REFRESHES THE ENVIRONMENT AROUND,

PROBABLY, THE LEAVES TALK IN A SIGN LANGUAGE, EXPRESSING THEIR JOY, THEY LOOK TOO HAPPY, AS IF THEY ARE PROVIDED WITH SOME TOY,

The cold wind tickles the grasses lying on the ground, And tempts them to move around. But they are bound so tightly, is what I found.

THE WIND FEELS LIKE A PERFUME, A PERFUME HAVING NATURAL FRAGRANCE, AND WHEN IT BLOWS AWAY, IT LEAVES A REFRESHING ESSENCE.

Now my eyes find a building below the clouds, The building looks much dull, Seems like it's a human with a depressed skull.



THE BUILDING SEEMS TO BE REQUESTING THE SKY, TO REMOVE THIS DULL DYE.

Even the animals are pleased, and are roaming around, With joy in their eyes, Otherwise, I always find them with tears and cries.

I EVEN GAZED AT THE SKY, THERE WERE SOME CLOUDS, THEY WERE PRETTY DARKER IN COLOUR AND WERE LOUD.



ANISH JAISWAL ECE, 1st year

Luce

AS I CAST MY GAZE, I FIND I AM NOT ALONE— OTHERS' EYES LINGER IN QUIET YEARNING, DRIFTING INTO MY HEART, GENTLE, AT PEACE, YET VEILED IN SILENCE. YOU WOULD NOT KNOW, THOUGH YOU STOOD THERE FOR HOURS. I TURN MY GAZE AWAY, CLOAK MY EYES IN SHADOWED STAY, UNCERTAIN WHEN MY GAZE FIRST MET THEIRS, DRAWN TO THEIR SHIMMER IN THE NIGHT'S DARK HAZE. BRIGHTER THAN THE SCARS OF PRESTICE, I TRY TO CATCH THEM, BUT THE HIGHER THEY FLY, THE DEEPER THEY GO, THE MORE ELUSIVE THEY GET. A VIVID RAINBOW, SPUN OF LIES, I CUESS. I BEGIN TO CHERISH, I DARE TO LOVE, AS FLEETING AS THE DREAMS I LONG TO HOLD. I STIR TO TREASURE, I DARE TO DREAM IN LOVE. I DREAD THE BLUES THAT HAUNT MY SLEEP-IN SHADOWS, THEY STRETCH LONG AND DEEP. WOULD SAY INNOCENT, BUT LIFE-TAKING THEY ARE. YOU SPEAK OF BEAUTY? HEAVENLY, I WOULD SAY THEY BE. 'TIS NEITHER THE MOON, NOR THE STARS' SOFT GLOW, BUT THE EYES IN WHICH MY PRAISES FREELY FLOW.



Prashant Rao

IT, 1st year

THE ROSE THAT COULDN'T RISE

In a dusty diary of half-folded pages, A crimson rose lay between the fringes. Discovered after years of search, Beneath the study table where he would perch.

In the corner of a silent room, Can one say that once a rose like that did bloom? It was vibrant once and rather fresh, But couldn't endure the human threat.

The price of its life just to become a showpiece, No one else would grant their life like the rose on lease. Crushed petals no longer spread fragrance, But certainly can be powdered and still impart elegance.

It alone remains calmly without a mutter, The stems are devoid of water drops and the entire system suffers. A delicate flower has now become crushed, Its essence has been lost and its life got locked inside the pages which are stuffed.



ANJALI VERMA Mining, 2nd year

THE PRICE OF SELFISHNESS

Selfishness defines us, chasing desires unbound, In a world of empty promises, trust is rarely found. Friendships flip like shoes, love feels like a game, Holding on tight, just to feel no shame.

We seek success, forget the hands that fed, Chasing pride while true bonds are left for dead. But hey, don't worry- greed tastes sweet, right? Except when it's bitter and you lose the fight.

In love, we cling, possess, and fight, Afraid to lose, we dim the light. Yet in our selfishness, we see the truth, Only we let go, we find our proof.

So here I stand, with flaws on display, But knowing in selfishness, we find our way. It's a game, a dnace, but we must learn, To rise above and finally return.



Astha Banwaria

MME, 2nd Year

THE BEAUTY OF RAIN

I love everything about rain... It's a pleasure to see the droplets on the windowpane. The sound of a heavy downpour, While you are in bed, Is the ultimate remedy for Your mind, which remains unread. Rain brings happiness on warm days. The clouds blocking the Sun's rays, The confetti of rain from the sky, Soothes each and every eye. Rain is the love of the sky for earth Which drives away all the dearth.

The smell of the rejuvenating rain Is a promising beauty, adding to nature's again. When it ends, there is a complete silence. All beautiful things must end, it makes sense. But someday, the rain will come again, To wash away all your worries and pain. The beauty of rain never fades, It stays in your heart for decades.



Avik Mandal

Chemical Engineering , 2nd Year

IN THE LIGHT OF SOLITUDE

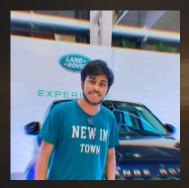
Too busy watering my own grass, To care if yours is green or gray. In solitude, I find my peace, Where quiet thoughts can freely stay. Too busy watering my own grass, To care if yours is green or gray. In solitude, I find my peace, Where quiet thoughts can freely stay.

One day she took her glasses off, Her sight grew blurred, the world askew. But mine grew sharp with focused eyes, As hers dissolved, my vision grew.

When rain departs, the umbrella's weight Becomes a burden, heavy, worn. Once shielded us from stormy skies, Now it's the load we all have borne. They say before you die, you see Your life in flashes, moments stray. But isn't living just the same— A fleeting glimpse, day after day?

She was the prettiest by far, Yet distant, like the moonlit sky. A glowing orb I couldn't reach, Too high above for me to try.

While tending to my quiet world, I learned to let her light drift by. In watering my own small patch, I found my solace in the sky.



Rahul Kumar Singh

ECE, 2nd year

VIGNETTE

With our luggage and our baggage, We trudged along the well-worn path. Clad in her cotton nauvari saree, Panji had been waiting since dawn For we don't get to meet often.

From the wise wrinkles on her visage, The blue veins stretching over her paper-thin skin, And her fine, silvery hair bun, She must be over ninety. To us, she had always looked as old as time Could she ever have been young? With dreams, hopes, and desires?

Married off at nine Mother at sixteen Widow at twenty... The customs and rituals which condemned Her kind to suffocate Inhaling the smoke of chullah and Rarely seeing the open sky through the veil. Even looking deep into her weary eyes, We couldn't fathom all that she had endured Riots, droughts, floods and funerals.

We sat a long time, hand-in-hand But still, that wouldn't lift an ounce of sorrow. The 'worldly-wise' in their drunken stupor Squandered away everything that came their way. The blows and the piercing arrows of fate Shattered her already battered soul... A lonely life indeed;

No one but a shadow to keep company.

Telling the beads of her japmala, She used to chant her prayers. This time she confessed-Her faith in God had faded. Alas! The elixir of mercy and miracles runs low; Everyone will have to bear their share due.

The gulmohur of life was withering... We had asked her once-"What happens to a person after death?" Evading the talk of heaven and hell, She smiled a toothless smile and said, "Nothing, all that remains is a wisp of smoke and ash."

Some years down the line, I saw The memories of a life Being framed in a vignette Hanging on the dusty walls; Lying among the festoons of spider's webs.

The meaning of Marathi words used: Panji: great-grandmother Nauvari: a nine yards long saree



SAYEE BHAKARE Electrical, 1st Year

BEYOND TOMORROW

Do not cry if I'll be gone tomorrow For I'll be present in the scattered dust around, In the first beam of sunlight that gushes at the dawn, In the first drop of rain that comes down for the love of dry grounds Between the pages of my favourite book In the hues of paintings I poured my heart into, Dancing to the rhythm I loved, Looking every night at the sky, for moon to complete its phases In the wind that'll caress your cheek at a leisurely pace, In the joy that'll come to you at your lowest In the momentary castles of damp sand at beaches Hear me in the giggles of a toddler, amongst the jumbled stories they have.

See me in someone praying in the temple dearest to me Feel me in the touch of a vulnerable Help me like I'm the bruises etched Recognise me in the girl who cried in the silliest movie Catch my smile when Einaudi's music plays And love me as the world that's waiting for you.



NANDINI GOURAHA

Mechanical, 1st Year

TALKING TO YOUR GHOST

Hands wave at you from a distance even you are out of my head buried emotions still want to fly to present that you are not dead....

Some sinful regrets Some unburnt cigarettes Weighing my suffocation for your presence Amidst your lost longing fragrance

> If I grab your ghostly soul Would you let me know How it is to be hauntingly beautiful

> > Why I feel low is a trap Who falls in it Regarded as a fool

My frozen tears, my hidden fears Even if I say they are real

I can't taste the pain of losing you again If your ghost comes to me even as a trial



Suraj Kumar Thakur

M.Tech in Applied Geology, 2nd Year



असल परिश्रम

तू घर की चारदीवारी से बाहर निकल, और दुनिया का संघर्ष देख, जब देखेगा धूप में झुलसते चेहरे, तब समझेगा परिश्रम का लेख।

कभी खेतों में अनाज के लिए मेहनत करते किसान देख, तो कभी रोज़गार की तलाश में दर-दर भटकते इंसान देख। उनके श्रम से झुके कंधे और पसीने में डूबी देह देख, तब जान पाएगा क्या होता है असल परिश्रम ।

अपनी चाहतों और उनके संघर्षों का फर्क देख, जहां तेरे शौक हैं, वहां उनकी जरुरतें अनगिनत देख। बेरोज़गार, बेबस और विकल्पहीन जीवन के हालात देख, तब समझ आएगा असल परिश्रम।

उनकी आंखों में झलकता दर्द और अधूरे सपने देख, उनके थके चेहरे और मुरझाई मुस्कान देख। जब तू इन एहसासों में डूबेगा, तब ही असल परिश्रम का मोल समझेगा।

तू उनकी उम्मीदों और हौसलों को अपना मार्गदर्शक बना, और अपनी आत्मा को परिश्रम का पाठ पढ़ा। उनकी कोशिशों से सबक लेकर खुद को मजबूत बना, और साहस के साथ जीवन के हर संघर्ष को अपना।

असल परिश्रम केवल मेहनत नहीं, एक जज्बा है, जो हर मुश्किल को पार कर सफलता तक पहुंचने का रास्ता है।



GOURAV MISHRA

IT, 1st Year

बेटी

किलकारियों से उसकी चहक उठा था सारा आँगन घर बार, सभी के चेहरों की मुस्कान दर्शा रही थी मानो हो कोई त्योहार। सूने आँगन में लक्ष्मी का रूप लिए वह आई थी, पूरे घर में मानो अपार खुशियाँ छाई थी।।

जीवन की कठिनाइयों से अनभिज वह मुस्कुराया करती थी, अपने प्रश्नों से पिता जी की दिन भर की थकान वह मिटाया करती थी | माँ की आँखों का वह तारा थी, दादा दादी के जीने का सहारा थी ||

हुई बड़ी तो उसे समझ यह आने लगा जीवन के ये रास्ते सुगम न थे। उठने, चलने, बैठने के सौ तौर तरीके माँ उसे सिखलाती थी, माँ की ये सारी बातें उसे खूब सताती थी॥

पिता जी ने उड़ने के लिए सदा पंख दिये, पर ना जाने क्यों लोगों ने उसके कदम रोक लिए। "बेटियां तो पराये घर की होती हैं" हर कोई उसे याद दिलाता, उसका अपना घर कौन सा है यह कोई न बतलाता



VAIBHAVI MISHRA

IT, 1st year

चिंता से चिता तक

देखा जाए तो दोनो शब्दो में अंतर कुछ नहीं, देखने वालों के नज़रों में यह सिर्फ़ एक बिंदु का ही अंतर दिखे,

लेकिन समझने वालो के सोच में यह एक लंबा सफ़र है,

जो शायद कभी खतम ही ना लगे, चिंता, काफी छोटा शब्द लगता है, परंतु यह हद से बढ़ जाए, तो व्यक्ति को तबाह कर सकता है,

चिंता का अर्थ कई लोगों के लिए अलग भी हो सकता है, रारीब को आज पैसे मिलेंगे की नहीं, इस बात की चिंता, वहीं दूसरी ओर अमीर के पैसे आज चोरी ना हो जाए, इस बात की चिंता।

लेकिन चिंता की माला एक ना एक दिन किसी भी व्यक्ति को चिता की माला तक पहुँचा ही देती है। कभी सोचती हूँ, दुनिया बनाई इस खुदा ने, क्या चिंता भी इसी ने बनाई होगी ?

अगर मिल जाए तो ज़रूर पूछूँगी उस खुदा से, ये कैसा कुदरत का नियम बनाया है, क्या चिंता के बिना जीवन अधूरा है?

लेकिन बड़ी फुरसत से यह ज़िन्दगी बनाई होगी तूने, जहाँ पल दो पल की खुशियाँ, और ग़म के खज़ाने मिल जाते हैं, ज़िन्दगी इतने ग़म से भर दी गई है, चिंता की बारिश से चैन ना मिले, तब तक चिता आ जाती है, वा! रे ख़ुदा बड़ी फुरसत से जिंदगी बनाई है, ना समझ पाया तेरा इंसान, एक रिश्ता चिता और चिंता का

चिंता है इस लिए चिता है? या अंत ही चिता है, इस लिए चिंता है?



Chaitanya Rajesh More

Chemical, 1st Year

एक ठिकाना अपना

दीवाली की छुट्टियों में घर आई थी मैं, बहन संग बातों में खोई थी मैं। फिर उसने यूँ ही पूछा, "एक बात बताओ, पहली तनख्वाह का करोगी क्या? समझाओ।" हँसते हुए मैंने कहा, "एक घर बनाऊँगी अपना, जहाँ सबका साथ हो, हर कोना हो अपना।"

फिर चला ख़्वाबों की चादर में बातों का सिलसिला, दिल में सजने लगा एक घर का काफ़िला। फिर चला ख़्वाबों की चादर में बातों का सिलसिला,दिल में सजने लगा एक घर का काफ़िला। हर इक छत के नीचे मैंने अपना घर देखा, किराए की दीवारों में अपना बसर देखा।

बीस बरस की ज़िन्दगी मुसाफ़िर-सी बीती, अब दिल में ठहरने की ख्वाहिश है जीती। एक पत्ता हूँ मैं, जो हवाओं में बहता रहा, गाँव-गाँव, शहर-शहर, बिना किसी जड़ के बढ़ता रहा। जहाँ अपना कुछ न था, उसे अपना समझ के

देखा, क्योंकि हर घर में मैंने अपना घर देखा। आगे बढ़ी हमारी ख़्वाबों की बातें, "तू नक़्शा बनाए, मैं देखूँ सजावटें। मिलकर बनाएंगे एक जहाँ, बनेगा अपने सपनों का मकाँ।" "चौखट पर विराजेंगे गणेशा, कृपा रहे हम पर उनकी हमेशा।

अपनी सोच से बनेगा आशियाना अपना, कभी तो होगा एक ठिकाना अपना।" हमें यक़ीन है, ऐसा कोई तो आएगा सवेरा, अपना भी होगा कहीं बसेरा। मिलेगा मुझे मेरा अपना आसमान, जहाँ इस मुसाफ़िर के पूरे होंगे



Divyanshi Soni

ECE, 2nd Year





YOU KNOW IT ALL By Anusha Potdar

MY MOTHER A SUNNY DAY, FULL OF RAYS. FOR THE FIRST TIME, 1 HELD YOU IN MY ARMS— DELICATE AS A FLOWER, PRETTIER THAN ANY OTHER LOVE, IT WAS SIMPLY-JUST LOOKING AT YOU, 1 COULD SQUEAL.

SAW YOU TAKE YOUR FIRST STEPS THROUGH MY EYES, WHICH WERE NOW ON YOU TOO. MY CURLS PRINTED ON YOUR SHOULDERS, MY SMILE REFLECTED ON YOU. MY MIRROR-MY DAUGHTER-US FOREVER AND AFTER YOU KNOW IT ALL PEOPLE COME AND PEOPLE GO, BUT THERE'S SOMETHING YOU PROBABLY DON'T KNOW: HOW MUCH YOU MATTER AND HOW MUCH YOU KNOW ABOUT ME, ABOUT US, AND WHERE WE'LL GO.

THERE ARE MANY 1 CAN TELL TO, BUT 1 CHOSE YOU. FROM THE START OF OUR BANTER AND US CRYING TOGETHER, YOU STAND UP FOR ME, AND 1 FOR YOU. DARLING, 1 CHOSE YOU.





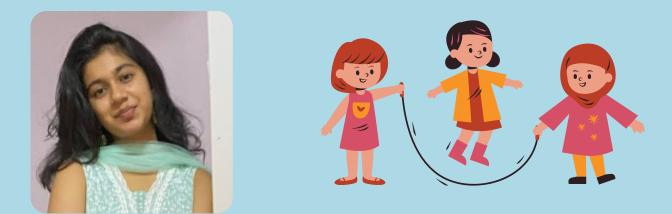
YOU KNOW IT ALL By Anusha Potdar

TF T WERE A FLAME HE SCREAMED, HIS EYES MELTING AND HIS HANDS RUNNING LIKE WATER. THE DARK RED GLOW REFLECTED OFF HIS TERRIFIED AND MISHAPPENED FACE-IF IT COULD EVEN BE CALLED ONE. HE WAS SCREAMING. SCREAMING SO LOUD, BUT NOTHING AND NOBODY HEARD HIM. WILD REALIZATION HIT HIM: HE WASN'T REAL; HE WAS JUST WAX.

HIS BODY MELTED, TURNING INTO ASHES, BUT HIS SOUL MOURNED A LIFE THAT WAS NEVER HIS. HIS SOUL STILL WANDERING THROUGH FLAMES-FROM CANDLE TO CANDLE, FROM FIRE TO FIRE-HOPING TO LIVE JUST FOR A SPLIT SECOND. AGAIN.

OUR LAND

À RAINBOW OF COLOURS, ALL UNIQUE AS THE OTHER, BEAUTIFUL TO LIGHT UP THE DAY. FORMED FROM SOMETHING SO OPPOSITE, THE SUN AND THE RAIN. THAT'S OUR COUNTRY, I WOULD SAY, PARTS BEING THE SUN, PARTS BEING THE RAIN. SHINING IN THE RAIN. SHINING IN THE SKY, EACH AS BEAUTIFUL AS THE OTHER. BUT TOGETHER WE CRY-WE ARE ONE FOREVER AND EVER.



THE GIRL ON THE TRAIN By Dhriti Sachdev

THE GIRL ON THE TRAIN... WITH A YELLOW TOP AND CARGO PANTS... She is always there, whether sun or rain... 1 see the girl on the train, 1 know not who she is, nor her name...

SHE IS ALWAYS THERE... EITHER LOOKING AT HER PHONE OR TRACING HER HAIR... SHE WOULD GET UP FROM HER SEAT FOR WHOEVER CAME, WHOEVER NEEDED IT... A KIND SOUL IS HARD TO SPOT, AND I HAVE A FEELING HERS WILL NEVER ROT...

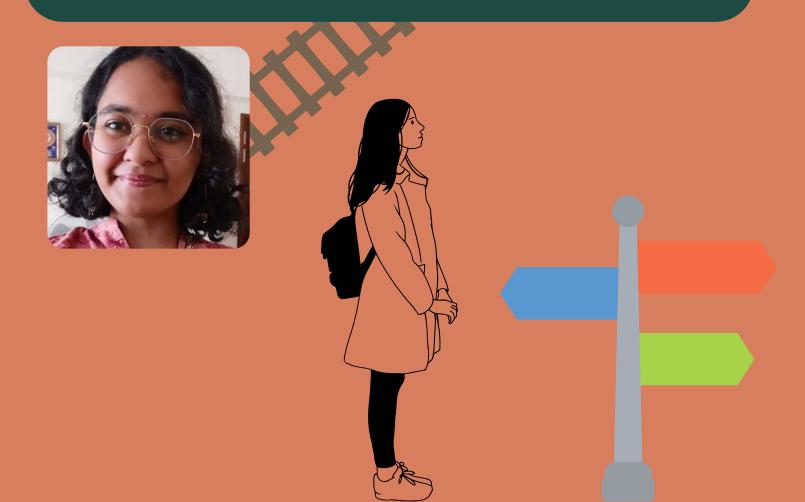
1 AM LATE, 1 AM EARLY, YET 1 KNOW 1 WILL SEE HER SURELY... 1 SEE THE GIRL ON THE TRAIN, 1 KNOW NOT WHO SHE IS, NOR HER NAME... ONE DAY 1 WENT EARLY... AND 1 KNEW 1 WOULD SEE HER SURELY... BUT TODAY WAS STRANGE...



THE GIRL ON THE TRAIN By Dhriti Sachdev

MAYBE THERE WAS A CHANGE? 1 LOOKED AT THE SEATS... AT THE PEOPLE STANDING — BUT SHE WASN'T TRAVELING THAT DAY...

1 CAME THE NEXT DAY... SHE WAS NOWHERE — TO MY DISMAY... 1 NEVER SAW HER THEN ON... 1 USED TO SEE THE GIRL ON THE TRAIN... NOW 1 WILL NEVER KNOW WHO SHE IS, NOR HER NAME...







SOMETHING SHE LOVED SHE COULDN'T KEEP SO SHE'D WEEP AND WEEP HERSELF TO SLEEP.

AT THIS STAGE SHE WAS IN SO DEEP EVEN A SMALL STEP FELT LIKE A BIG LEAP.

FEELINGS PILED UP INTO A HEAP WHAT SHE'D SOWN WAS WHAT SHE'D FINALLY REAP

RUNNING FROM PROBLEMS SHE CONSIDERED CHEAP, YET SHE WANTED TO FLEE TO THE MOUNTAINS IN A JEEP

AROUND HER BACK SHE FELT VINES CREEP, SHE DIDN'T LIKE BEING AS GULLIBLE AS SHEEP 1NTO HER LIFE, PEOPLE WOULD TRY TO PEEP

NOW FED UP, SHE DECIDED TO GIVE THEM A CLEAN SWEEP SOMETHING STIRRED WITHIN, FERAL AND STEEP

NOW SHE HAD TO PUT IT BACK INSIDE TO SLEEP NEVER AGAIN WOULD SHE LET SOMETHING SEEP ALL THE WAY IN SO DEEP.



BUS 143 By Asmita Tangirala

THE PASSENGERS FILLED BUS 143. THE TODDLER'S BIG EYES PEERED AT THE TEEN,

WHILE HER SORROW-FILLED ONE RESTED ON THE ADULT, WHOS'S ATTENTION WAS FIXED ON THE FUSSY BABY'S SCENE.

THE TODDLER BEAMED, HOPING THE TEEN WOULD SEE, WHO SNIFFLED, GAZE FIXED OUT OF THE GLASS. THE ADULT PLAYED PEEK-A-BOO WITH THE BABY. WHILE BUS 143 CAME TO A HALT.

THE TODDLER WAVED AT THE TEEN. THE TEEN WAVED BACK, A GHOST OF A SMILE ON HER LIPS THE BABY'S GIGGLES ECHOED THE ADULT'S SMILE, AS BUS 143 RESTARTED ITS RIDE.

THE GIGGLES OF THE BABY AND THE CHATTER OF THE TODDLER. THE WHISPERS OF THE TEENAGER AND THE AMUSEMENT OF THE ADULT. EARNED THE ATTENTION OF THE OLD DRIVER, FOR WHOM THE MOMENTS ON BUS 143 FELT LIKE ANY OTHER.



THE SLENT ALB

Melody Parker, the ace detective of Greenwalt Street, was assigned a case that no one had solved. Yet. It all began 20 years ago when Zoe Abrams, Mel's aunt, was found murdered in the Parker Mansion. 15 years later, Mel took up the case for the sake of her still-grieving mother.

The case had always haunted her, but now, it felt like a weight around her chest. There's something I missed. Always something I missed.

"Parker! How far have you gotten with the case?" Andrew's voice broke through her thoughts.

She blinked, trying to push the feelings down.

"Just going through the CCTV footage," she said, her voice tight. "I might have missed something."

"Wait—what's this?" Andrew leaned over her shoulder, finger hovering over a blurry figure escaping the mansion in a hurry.

Melody's stomach flipped, but she didn't let it show. It's just a lead, she reminded herself. Focus, Mel. Focus. She jumped to her feet, moving toward the case board, already feeling a familiar tension.

"Can you determine the gender?" she asked.

Andrew zoomed in on the screen. "Height—around 178 cm, long dark hair tied up in a man-bun? Slim build. Looks like a man."

A lead. But instead of excitement, something heavy settled in her stomach. She had to focus on the facts. Nothing else.

"Have you gotten the forensic results?" she asked, her voice tight.

"About the poison?" Andrew clarified, and she nodded. Zoe's body had been found among broken, bloodied glass shards, and a cut on her neck that looked like a syringe puncture.

Andrew flipped through the papers. "Yeah, they came back. Apparently, the liquid was spurious alcohol. It's usually found in paint thinners. High doses of it are fatal." Spurious alcohol. Melody's mind raced. I know that. I know exactly what that is. She felt a pang of unease. The pieces were clicking together in ways that didn't sit right.

"Spurious alcohol? Paint thinner?" she repeated, tasting the words. Without another word, she grabbed her coat, her hands trembling slightly as she slipped it on.

"I need to check something, I'll be back soon." Her voice was sharper than she intended. She didn't care.

Before Andrew could respond, she rushed out of the department. Her stomach twisted into a knot. She was moving too fast, but she couldn't stop herself. Not now.

Melody's car sped through the streets; she could feel her heart hammering in her chest. Don't think about it. You need to act. Stay ahead.

She pulled up to the shop—Karlos Paints, the sign hanging above like a weight. He was inside. She could already see him through the window, absorbed in his work. The familiar scent of paint and varnish hit her as she stepped inside. It made her nauseous.

"Karlos!" she spat throat tight with emotion. He turned, surprise flickering across his face. "Mel? What's going on?"

A lump formed in her throat. Her breath caught. But she couldn't back down now. The case was too far gone.

"You are under arrest as a suspect in a murder," she said, tone cold.

Karlos' smile dropped, eyes widened. "What?!"

She felt a surge of anger rise in her. But something shifted. She knew this man. She had trusted him.

And now...

The words were bitter and cruel, but they felt true in the moment. True enough to keep this going.

Karlos was shaking his head, more frantic now. "This isn't you, Mel. I never wanted to hurt her. You have to believe me. Please." His voice cracked, and for a second, Melody almost wavered. Almost.

But then she reminded herself—this was bigger than him. This was about control, about ending the past.

Melody clenched her jaw. "You were seen leaving the mansion the night she died. No one else was around. That's evidence enough."

Karlos' face paled, brow furrowing in confusion. "You think I just... killed her and walked out like nothing happened?" His voice trembled. "Mel, I didn't do it! Why are you doing this to me?"

The pain in his voice almost made her turn the car around, almost made her stop and tell him everything. But the moment she did that, there'd be no going back. Instead, she pulled into the station parking lot, her fingers shaking as she turned off the engine.

"Get out," she said flatly.

For a moment, Melody's heart clenched. She could almost hear Zoe's voice accusing her, the shock on Zoe's face when she realized the truth.

But then she remembered the brutality of that night, the cut on Zoe's neck, the blood pooling around her, the syringe discarded before anyone could find it.

Melody could still remember the look in Zoe's eyes—a look of betrayal.

A look meant for someone else.

That was the truth, wasn't it? Zoe had figured it out. Mel couldn't let that happen. Not when everything was planned. She was getting too close, not when she had spent years struggling to keep things in place. But there was no time to question it. She had a job to do, she couldn't bring personal feelings into this.

"You have the right to remain silent. Anything you say can and will be used against you in a court of law." Melody said, though her voice cracked slightly.

Karlos stared at her, his eyes full of hurt and betrayal, but she didn't flinch. She quickly cuffed him

and guided him toward the door.

The car hummed steadily as Melody drove toward the station. Karlos was silent behind her, still processing the arrest, still stunned by the accusations.

She could feel his eyes on her, waiting for an explanation.

"I don't get it, Mel," Karlos finally spoke, his voice a mix of confusion and frustration. "Why are you doing this? Why me? I thought we were friends."

Melody's grip on the steering wheel tightened. She couldn't look at him. Not now.

"You were the last one to see her, Karlos. You were at the mansion. That's all the evidence I need.", She stuttered.

Karlos huffed in disbelief. "What? Do you think I killed Zoe? Come on, Mel. You've known me my whole life. You can't think I did this."

Melody swallowed hard, feeling the familiar sting of guilt. It wasn't supposed to be this way. Karlos wasn't supposed to be in the dark.

"I don't know what to think anymore," Melody replied quietly, her voice cold. "Everything points to you. You were there. You hated her. You were angry at her for taking over the business, for being better than you."

Karlos sat back, stunned. "What are you talking about? Yeah, we had issues, but this—this isinsane—"

She glanced at him quickly, before looking away. Big mistake. The pain in his expression caught her in a chokehold. But it wasn't enough. She couldn't stop now. She can't.

"Zoe wasn't just a business partner to you. She was your rival. She always one-upped you. She never gave you the recognition you deserved. She took everything from you, Karlos. Everything." "I'm sorry, Karlos," Melody said, her voice hollow. "But I can't let you walk away from this. You're theonly one who was close enough to the truth, and if I let you go now, it all falls apart."

Karlos' eyes widened in realization. "Wait. No. No, you—you didn't. You can't be—you're lying."

But it was too late. The lie had already spiraled out of control. There was no stopping it now.

Melody stepped out of the car, her legs like lead as she walked around to the passenger side, opening the door. "Come on, Karlos," she said, forcing the words through a tight throat. "Let's go inside."

Karlos' eyes were wild, desperation written all over his face. "Mel, no. You—"

But she didn't give him a chance to finish. She grabbed his arm and all but dragged him towards the station's doors, her mind already racing through the next steps.

Inside, the harsh lights of the place blinded her temporarily. Officers were scattered around, looking at her curiously as she led Karlos to the holding cells.

"Put him in here," she said curtly to the officer at the desk.

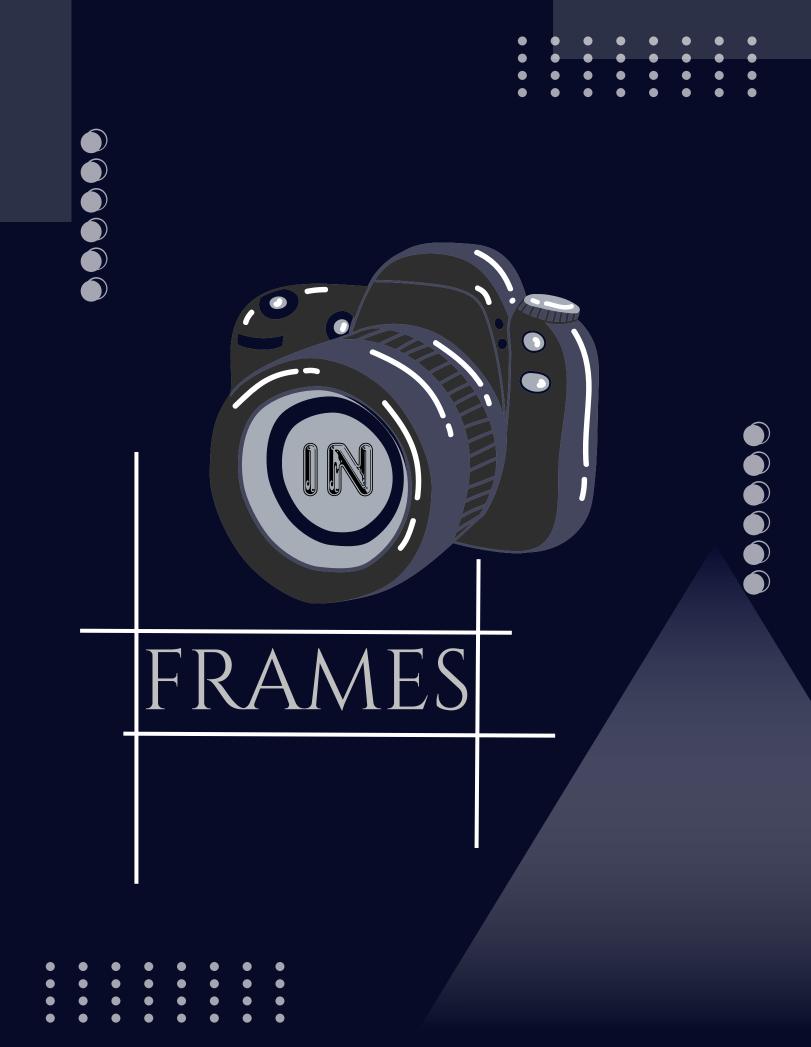
"Melody, you can't do this. Please—" Karlos pleaded, his voice breaking.

She didn't look back as they locked the door behind him. The room was silent now, apart from the pounding of her own heartbeat. As she walked away, a cold smile flickered on her lips.

It was done.

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DPS INTERNATIONAL SCHOOL, 12TH GRADE



PHOTOGRAPHY



Title: Homie

Title: Moon acts like Jupiter



Manash Chandak MME, 2nd Year



PHOTOGRAPHY

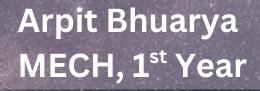
Title : Star Trails



Harshit Jhariya IT, 1st Year

PHOTOGRAPHY

Title : The Side Walk



Title : The Rising Sun







Pratyaksh Singh ECE, 2nd Year

Hetwoek





Celestial Empress

Veil of Consciousness



TANISH DHAUALE CHEM 2ND YEAR

Hetwork





RadhaKrishna

ABHINAU SWARNKAR MECH IST YEAR



Hetwoek



The Legend of the Black Pearl





ISHAN DAHARIYA ECE IST YEAR

Lyricism as Literature

Bekhauf Bloodywood ft. BABYMETAL



Rage. Healing. Cultural Reclamation.

Bekhauf doesn't ask for permission—it breaks the silence. A fierce anthem against generational shame and the stigma of mental illness, it transforms vulnerability into power. Bloodywood blends rap-metal with Indian folk textures, crafting not just a sound but a statement: your story matters, your pain is valid, your voice will not be silenced.

Literary Link: Confessionalism, anti-colonial resistance, psychological realism.

Best Described As: Bhagat Singh reincarnated in distortion pedals and dhol beats, screaming truth in the face of silence.

Soldier of Heaven



Epic, tragic, mythic, chilling

Written from the perspective of a martyred soldier, this power-metal anthem immortalizes the "White Friday" avalanche of December 13, 1916 - when nature itself became a battlefield. Sabaton delivers this frozen apocalypse through crushing guitar salvos and vocals that howl like Alpine winds across the centuries.

Literary Links: Homer's ghost watches from Valhalla as Wilfred Owen's war poetry gets electrified - "Dulce et Decorum Est" with a Marshall amp's snarl.

Best Described As: Owen's "Dulce et Decorum Est" rewritten in steel and sky, sung by ghosts with wings of frost.

Schism

Tool



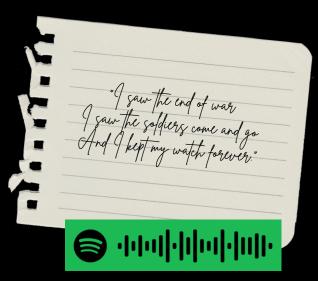
Fractured, cerebral, visceral, paradoxical

A prog-metal labyrinth where love and logic collide. Maynard James Keenan snarls "I know the pieces fit" like a man trying to reassemble a shattered mirror in the dark, pieces of a fractured relationship.

Literary Links:Kafka's Metamorphosis set to a 5/4 time signature —"Gregor Samsa woke up to this riff."

Best Described As: Descartes in a mosh pit, mapping the anatomy of a failed connection with a compass and a bassline.







"Kypics are poerha with a pulse"



Society

Eddie Vedder



Solitude. Simplicity. Silent Rebellion.

A gentle protest wrapped in acoustic melancholy, 'Society' speaks volumes in whispers. Vedder doesn't rage against the machine—he quietly opts out. The lyrics critique consumerism and conformity, using soft chords and steady voice to echo the loneliness of nonconformity. It's not a war cry, but a withdrawal. A return to self.

Literary Link: Allegory, irony, transcendental thought. Best Described As: Thoreau strumming a campfire elegy in the age of excess.

Achilles Come Down Gang of Youths



Mythology. Psychology. Mortality.

This is Homer with a guitar.

The song unravels the tortured psyche of Achilles- not as a warrior, but as a man on the edge. The whispered voice of Patroclus pleads, 'Achilles, come down', in an echo that feels like both a lullaby and a last chance. The song fuses ancient Greek tragedy with modern mental health awareness, making it a chorus of history and heartbreak.

Literary Link: Greek mythology, narrative poetry, psychological monologue.

Best Described As: A soliloquy Shakespeare would weep to hear.



Bohemian Rhapsody



Operatic, absurd, flamboyant, tragicomic

A six-minute melodrama where Freddie Mercury plays murderer, martyr, and court jester. From whispered confessions to mockopera camp, it's a "Scaramouche" of emotions with a guitar solo for an exclamation point.

Queen

Literary Links: Macbeth's guilt meets Alice in Wonderland's chaos —Shakespeare on a sugar rush.

Best Described As: Hamlet fronting a glam-rock opera in a dream scored by Dali.



SILVER SCREEN

TAKE

THE BIG DIPPER'S



THE WILD ROBOT

DIRECTED BY: CHRIS SANDERS 2024 · FAMILY/SCI-FI · 1H 42M IMDB: 8.2/10 ROTTEN TOMATOES: 96%

Why watch?

In this anti-progress techno feast for neo-luddites, the biological crashes with the technocratical, the organic with the anorganic, the "real" with the artificially constructed world — The Wild Robot really works from the very beginning as it establishes its characters and the lush island they reside on. A robot with a programme of optimism, pragmatism and rationalism meets several quirky animals that have to arrange their lives in the forest.

As viewers hop into their world, the movie needs to jump as well to make this work and make it child-friendly of course. So the animals learn to work together (instead of eating each other up) and form a socialist collective to get through the winter, eventually realizing that family and friendship are the essential components for a fulfilled life. The Wild Robot goes down this rather classic path, but within its limits it is able to make some substantial points and has its heart in the right place.

There's additional material about parenthood and trauma attached, so it does reach a depth that may be tough for children to swallow which is ultimately a good thing, as it confronts them and trusts them to deal with the harsher realities of life. Part of what is so fun, and funny, about the film is how unflinchingly it depicts the circle of life and the neutrality of loss within that cycle. The animation is gorgeous, ranging from lush forests to futuristic cities, every environment is bright and vivid. A brilliant contrast is how the film shows nature's duality—beautiful butterfly scenes are followed by animals attacking and killing each other. It's jarring, but in the best way. This film works on so many levels, it's hard to know where to begin. The story is relatively simple, but that's a strength, it's refreshing to see an animated film confident in the single story it wants to tell, without adding unnecessary subplots.

Roz is a standout protagonist, she starts as a mindless robot simply seeking a task, but through raising Brightbill, she evolves into a real mother figure. Her development is wholesome and Lupita Nyong'o brings her to life with a brilliant vocal performance. The mother-son relationship between Roz and Brightbill is one of the film's emotional anchors. Also, the "liar reveal" plot point is handled well and resolved quickly, avoiding unnecessary melodrama.

And then there's the fox, Fink, voiced by Pedro Pascal. While Roz may be the heart of the film, Fink arguably steals the show. Starting as a selfish trickster just using Roz for food and safety, he grows to genuinely care for both Roz and Brightbill. His arc from nearly eating Brightbill to threatening the bullies who tease him is surprisingly rich. His conversations with Roz are some of the film's most emotionally grounded and well written scenes.

All in all, while The Wild Robot is based on a book series (with a sequel likely in the works), this first installment stands strong on its own. It's a stunning achievement in animation, and easily one of the best animated film to come out last year. For those who haven't seen it yet—this is a must-watch.



"She's not a problem to be solved. She's a soul to be unlocked."





Why Watch?

Before there was "Girl-boss energy" there was Annie Sullivanpart-teacher, part-warrior, and all heart. The Miracle Worker tells the true story of Helen Keller, a young girl rendered deaf and blind after an illness, and her relentless tutor who fights against ignorance, silence, and stubbornness (from both child and family). This is a masterclass in persistence, patience, and poetic breakthroughs. Watching Annie spell "W-A-T-E-R" into Helen's hand and ignite a universe inside her is like witnessing a silent symphony roar to life.

A must-watch for students who've ever struggled to explain an idea, grasp a concept, or face resistance—it reminds us that education isn't about teaching facts; it's about unlocking minds. ~Avish





"When the dog bites, when the bee stings... watch this movie again."

Cast: Julie Andrews, Christopher Plummer Director: Robert Wise Released: 1965 Awards: Academy Awards: Best Picture, Best Director, and more (5 wins total) IMDb: 8.1/10 Rotten Tomatoes: 83% Production House: 20th Century Fox, Argyle Enterprises Essential Vibe: Escapism meets courage, with a soundtrack that teaches you solfège and strength.

Why Watch?

Imagine dropping out of the convent, becoming a governess to seven hyperactive children, falling for their brooding father, and teaching everyone to sing—all before escaping Nazis through the Alps. Casual.

The Sound of Music is a musical fairytale dipped in resistance and wrapped in lullabies. Julie Andrews as Maria is every chaotic good protagonist we root for—cheerful, defiant, and unfailingly hopeful. Captain Von Trapp's cold heart thaws with every note, and the children become a harmonious band of bravery. You don't just watch this movie- you hum it, quote it, and find yourself singing "Do-Re-Mi" during grocery runs.

Set against the rise of WWII, it's also a quiet nod to the power of art as defiance, and family as sanctuary.

~Avish

The Truman Show

Director :- Peter Weir Starring: Jim Carrey, Laura Linney, Ed Harris IMdB :- 8.2/10. Rotten tomatoes:- 94%

Why watch?

Looking for a film that's both entertaining and thought-provoking? I can't recommend "The Truman Show" (1998) enough.

This Peter Weir masterpiece stars Jim Carrey as Truman Burbank, a man who has unknowingly lived his entire life as the star of a 24-hour reality show. His seaside town of Seahaven is actually an elaborate studio set, and everyone in his life—from his wife to his best friend—are merely actors.

What makes this film exceptional is how it balances humor with profound philosophical questions. Carrey delivers his most nuanced performance, seamlessly transitioning from comedic moments to heart-wrenching realizations as Truman begins noticing strange occurrences: falling studio lights, radio malfunctions, and repetitive patterns in his seemingly perfect world.

The film is remarkably prescient, predating our current reality TV and social media landscape while exploring timeless themes of free will, authenticity, and the courage to question one's reality. The climactic scene where Truman confronts both his implanted fear of water and the physical boundaries of his world culminates in one of cinema's most powerful moments of self-determination.

Whether you're looking for entertainment or something deeper, "The Truman Show" delivers on all fronts. Its exploration of media manipulation and the human yearning for genuine connection feels even more relevant today than when it was released.

Watch it for Carrey's performance, stay for the questions it will leave you pondering long after the credits roll.

~Prakhar Shrivastava



Directed by: James Mangold Rotten Tomatoes: 92% IMDB: 8.1 2019 · Sport/Action · 2h 32m

Why watch?

Carroll Shelby: "There's a point at 7,000 RPM... where everything fades. The machine becomes weightless. Just disappears. And all that's left is a body moving through space and time. 7,000 RPM. That's where you meet it. You feel it coming. It creeps up on you, close in your ear. Asks you a question. The only question that matters. Who are you?"

Ford v Ferrari is the story of car designer Carroll Shelby and driver Ken Miles who battles corporate interference and the laws of physics to build a revolutionary race car for Ford in order to defeat Ferrari at the 24 Hours of Le Mans in 1966. It's a story of grit, innovation, and friendship, where the real fight isn't just on the racetrack but also in the boardroom.

If you're a fan of racing or cars in general, this movie will be for you. This is a very welldirected film by James Mangold, and the racing sequences are quite long, taking up a good chunk of the run time. Luckily, they are very intense, practically shot, with a fantastic score to back it up, and sound effects to get your heart pumping. And even if you not into cars, Mangold, Damon and Bale still end up charming you with one of the best film from 2019.

Ford v. Ferrari focuses on the clash between Carroll Shelby & Ken Miles and the creatively inept corporate heads at the Ford Motor Company. Matt Damon brings smooth charm to Shelby, especially when his love for racing and loyalty to Miles come through. Bale is a brilliant ball of blind fury, emerging as the film's indisputable standout, notable for his adept abilities to demonstrate both Miles's trademark temper tantrums and his unquestionable dedication to racing.

TRIVIA:

According to Matt Damon, Christian Bale had to lose seventy pounds before filming began. Bale had previously gained a lot of weight for his role in Vice (2018) and had about seven months to lose it all and then some to play the lean race car driver, Ken Miles. Damon inquired of Bale how he managed to lose all the weight, to which Bale replied that he simply didn't eat. Damon said he was impressed by Bale's monk-like discipline.

In preparation for his role, Christian Bale took race driving lessons at the Bondurant High-Performance Driving School. As it happened, the founder of the school had been a friend of Ken Miles. So in addition to the driving, Bale also got to hear stories of the 1960s racing scene. Bale's instructor and the film's stunt coordinator, Robert Nagle later stated: "he's hands down the best actor I've ever trained "

Several of the film's plot twists feels telegraphed, even for those who didn't know the full story coming in, and it does lean on a few familiar sports movie clichés, but overall, it works really well.. In the end, Ford v Ferrari is engaging, emotional, and downright thrilling when it wants to be. And let me warn you, the ending will break you.

~Divyam Dixit

Final Verdict: What Should You Watch?

Crave a quiet tale of survival and soul? *The Wild Robot*.

Need proof that education can be revolutionary? *The Miracle Worker*.

Want to sing your way through heartbreak and hope? *The Sound of Music*.

> Feel like your life's staged? Cue existential crisis! *The Truman Show*.

Want adrenaline, ambition, and asphalt battles? *Ford vs. Ferrari*.





FIFTIAL Solution of the second seco









Source: Manga by Makoto Yukimura TV, 2019 48ep, 24min MAL Score: 8.77/10 Adventure, Drama, Historical, Seinen

Despite being a seinen anime, Vinland Saga Season 1 turned out to be highly successful, thanks to Wit Studio for season 1 and Mappa Studio for season 2, who gave this seinen manga such a beautiful treatment that it usually doesn't get. Seinen mangas are some of the best one can imagine, but their animated adaptations have generally not had a good track record. But the studio did several things with Vinland Saga that proved the people working on it genuinely respected and loved the series. The way they handled the certain moments was even better than one could imagine.

Yukimura, the author of Vinland Saga, is a very brave and bold man for two reasons. First, killing off a fan favourite character so early as usually, when a character becomes a fan favorite, writers hesitate to remove them. And here comes the second reason—what's called the Farmland Saga was always intended to be. It's not just an action-slash-viking anime. If the second season felt boring to you, then you're missing as well as proving the point. Even though you know everything, you may still get pumped up when Thorfinn punches someone five times or during some other intense sequence. It's ironic that you're watching a show that is against violence, while you wait for violence to happen.

Whether it's in media or in stories, we have always glorified war and violence. That's where we see the glory in fact, to the point that we don't even mention very crucial information that people die in wars. We are so immersed in celebrating the glory associated with armed forces that we stop thinking about their actual meaning and consequences.

It's very common to hear that your favorite genre is action—but have you ever asked yourself why? It's understandable if you like comedy. It's understandable if you like romance. But action—why? Why do you like watching violence so much? What do you feel when you see people in distress killing each other? Why do you get excited when you see blood everywhere? It's because even if you yourself haven't stood on the front lines, when you see someone else standing there, especially a fictional character, you receive that sense of accomplishment and glory which is missing from your real life.

Vinland Saga is a story of the ever-changing Thorfinn, and the best way to watch his journey is this—you are Thorfinn. With every small and big event, Thorfinn learns something. He has made many mistakes in the past. And when he realizes his mistakes, he becomes an immovable object. Some of you might be thinking, "I'm done, I'm tired," but stop, just look at where Thorfinn started. That's part of the process. Being empty is better than being drunk because then you can fill yourself with better things. You need to understand what his father actually meant when he said:

"You have no enemies."

FRIEREN

Beyond Journey's End

Anime: Sousou no Frieren Alias- Frieren: Beyond Journey's end Source: Manga by Kanehito Yamada and Tsukasa Abe TV, 2023 28ep, 24min MAL Score: 9.31/10 Adventure, Drama, Fantasy, Shounen

Time is the most precious resource we have—finite, irreplaceable, and uncertain. We never truly know how much of it remains, and once it's gone, we can't reclaim it. So, what would you do if you had all the time in the world? Sousou no Frieren delves into this profound question in a way unlike anything the medium has seen before. With top-tier production quality, deeply endearing characters, grounded life lessons, and a proper grand fantasy premise, It's not hard to see why this is one of the biggest anime in recent memory and it's well deserved.

Every time you think it's about to chill out, it punches you right in the gut. It's not just another cry-bait anime, it's a fantasy story with so many layers, filled with wholesome and funny moments that really get you invested. Especially with its long premise, Studio Madhouse absolutely nailed the pacing. It's a story about an elf named Frieren who basically has an insanely long lifespan compared to the average human. It takes place after a party of heroes—Himmel, Heiter, and Eisen—with Frieren as their mage, defeats the Demon Lord and completes their quest. Unlike most fantasy stories or role-playing games that focus on the grand adventure itself, this one explores a rare perspective: the aftermath—the "after story."

A ten-year journey, which to Frieren felt like mere minutes, becomes the foundation for this tale. The story follows this elf as she slowly witnesses the passing of her dear friends one by one which in her case, happens quickly. The anime throws you off right at the start with how emotionally detached Frieren seems. While everyone reminisces about their long journey, she treats it as if it was only a brief moment in her life which, relatively speaking, is true.

And this is where the anime shines. At Himmel's funeral, People poke fun at her for not looking sad until that moment when they bury him. It's then that Frieren breaks down in tears. And not just her you will also start tearing up watching her cry. The show does such a great job of pulling you into her perspective, helping you feel the weight of time and regret. When Frieren realizes this person is not going to wake up again that this is truly the last time she'll see him the regret of not spending more time getting to know him hits hard.

It's a beautiful story about coming to terms with human mortality, the pain of goodbyes, and the joy of a new journey.



Anime: Medalist * Source: Manga by Tsurumaikada TV, 2025 13ep, 23min MAL Score: 8.40/10 Drama, Performing Arts, Seinen, Sports

What's this story really about? It's about two characters who do figure skating. The guy, Tsukasa Akeuraji, is a figure skater who once tried to compete in the Olympics, but he kind of fell flat at the last hurdle. Part of the reason was that he started figure skating way too late in life. Now, just trying to make ends meet, he joins an agency as a coach. Then there's this sweet little girl, Inori Yuitsuka. She also wants to be a figure skater. But even though she's still just a child, in the world of figure skating, it's already considered "too late" to start seriously. It's seen as unrealistic for someone her age to begin training professionally. It's got some of the best character writing you would have seen in a long time and it is hands down one of the best drama series to come out in recent times.

What makes this anime so good is the character writing between the guy and the girl. What really will impress you is the girl—her entire life, she's been told she's useless. She doesn't really have many skills, and even her mom has lost faith in her. So even when she says, "I want to be a big deal," everyone around her just shrugs it off, saying she's too old. Her mom is like, "Your sister tried figure skating, and that went nowhere. We'll let you play around, but I don't know if I'll really support you."



And then she discovers Tsukasa as her coach and from there, it's her journey to becoming an amazing figure skater. He takes her in, now driven to teach someone who hopefully won't go down the same path he did. I know that sounds cheesy, and maybe it sounds standard, but it gets you so incredibly invested, so fast. It'll make you cry. Like, genuinely.

There's this one scene where the girl does something that will surprise everyone, and it'll just fill you with this immense, overwhelming pride—like she's your own daughter. You would want to go up there, hug her, and just tell her, "I'm proud of you." After everything she's been through, you would want to say, "I can see how hard you've been working. Everything's paid off." That scene will give you goosebumps.

The writing strikes the perfect balance when it comes to portraying children. It shows them as actual kids, but still gives them a complexity that makes them seem way more mature than adults give them credit for. And that's really realistic. A lot of us adults tend to look down on children, and we end up getting surprised at how mature they really are when we actually start talking to them.

BOCCHI THE ROCK!

Anime: Bocchi the Rock! Source: 4-Koma Manga by Aki Hamaji TV, 2022 12ep, 23min MAL Score: 8.75/10 Studios: CloverWorks CGDCT, Comedy, Music

What happens when you have a series whose identity is intrinsically tied to production? The times when aesthetic, visuals, and animation are so crucial and so integral to the series that it becomes the primary thing that is elevating the content? Well, that's when you get Bocchi the Rock. This is a series that seemingly revels in any opportunity it gets to convey its comedy and drama in the most unique, eye-opening ways that you may have never seen before in the medium of animation. Comedy is the lifeblood of this series, and any chance Bocchi has to surprise you or make you laugh through its excessively fun and creative uses of framing, timing, or just sheer animation power—you better believe it's going to do it to elevate the extensive commitment it has to its gags and to its character writing.

Hitori Gotoh, nicknamed Bocchi, is an extremely introverted and self-conscious girl who picks up the guitar in an attempt to become popular. After honing her skills in middle school but failing to make any new friends, she enters high school and, through a series of coincidences, becomes the lead guitarist of the newly formed Kessoku Band. Completely unprepared for the opportunity but determined not to make the same mistakes again, the story follows Hitori's journey as she tries to become the person she always wished she could be. It's made by people who do appreciate and do enjoy that source material. People who understand the depth and the nuance it has underneath that cute-girl exterior. People who see the gaps in these yonkoma panels (4-panels) and are constantly thinking about ways that they can flesh out the ideas that keep the spirit alive but elevate everything into a way that genuinely becomes universally appealing. In contrast to how absolutely insane and wild and unhinged the animation and presentation is, the actual musical performances are extremely realistic and nuanced. They're carefully constructed, intentionally, to simulate this idea that you are watching real, inexperienced people up on stage, performing and gaining experience.

> It's clear why the show resonates with so many viewers. Even without personal struggles like anxiety or stage fright, anyone can relate to the desire to belong, to be seen, heard, and understood. Bocchi's journey isn't just about music or overcoming shyness, it's about discovering where she fits in. And the show never rushes that process. It doesn't magically fix Bocchi by the end. She's still anxious, still awkward, still unsure of herself. But she's trying. She's putting herself out there, little by little. And that's enough. That's more than enough. Bocchi the Rock! is about music. It's about anxiety. It's about friendship, creativity and growth. But more than anything, it's about the power of expression.



1. Brooklyn Nine-Nine

"Cool, Cool, Cool, Cool, Cool."

Ratings & Accolades:

- IMDb: 8.4/10
- Rotten Tomatoes: 94%
- Golden Globe Winner: Best Television Series Musical or Comedy (2014)

Production House: Universal Television, Fremulon, Dr. Goor Productions, 3 Arts Entertainment Aired: 2013–2021 | Seasons: 8 | Episodes: 153

Why Watch?

Imagine The Office had a baby with Law & Order, and that baby was raised on sarcasm and solidarity. Brooklyn Nine-Nine is a masterclass in teamwork—whether it's solving crimes or surviving Holt's stoic disapproval. It's a reminder that even the weirdest group of people can become a well-oiled (if not chaotic) machine. Someone's the mastermind-Amy Santiago (Melissa Fumero), someone's the wild card-Jake Peralta (Andy Samberg), and someone's just there for snacks-Charles Boyle (Joe Lo Truglio). From "Noice" and "Toit" to "VINDICATIOOOON!", this show is a treasure trove of quotable absurdity. Also, Captain Holt's (Andre Braugher) formal diction will make your academic writing sound 10x more dramatic.



2. F.R.I.E.N.D.S

"We Were on a Break!" (And Other Debates That Defined a Generation)

Ratings & Accolades:

- IMDb: 8.9/10
- Rotten Tomatoes: 79%

- Primetime Emmy Winner: Outstanding Comedy Series (2002)

Production House: Bright/Kauffman/Crane Productions, Warner Bros. Television Aired: 1994–2004 | Seasons: 10 | Episodes: 236

Why Watch?

If you've ever lived with roommates, pined over a crush, or struggled to adult, this show is your nostalgic comfort blanket. It's literary in its own way—full of Shakespearean-level misunderstandings (see: Ross Geller (David Schwimmer) and Rachel Green (Jennifer Aniston)) and epic friendship loyalty (see: Joey Tribbiani (Matt LeBlanc) forgoing meat for Phoebe Buffay's (Lisa Kudrow) pregnancy cravings). The gang's Central Perk hangouts are our version of common rooms where you debate nothing important but somehow solve all your problems. With Joey's "How you doin'?", Chandler Bing's (Matthew Perry) sarcasm dictionary, and Ross's overly technical rants, the show is sure to make you laugh—'cause your job's a joke, you're broke, your love life's DOA, but hey, at least you've got Friends!



3. That '70s Show

"Burn!" (And Other Things You Yell When Your Friends Roast You)

Ratings & Accolades: - IMDb: 8.0/10 - Rotten Tomatoes: 82%

Production House: Carsey-Werner Productions Aired: 1998–2006 | Seasons: 8 | Episodes: 200

Why Watch?

It's a time capsule of teenage absurdity—complete with basement philosophy sessions, parental evasion tactics, and disastrous dating choices. For students, it's a lesson in nostalgia and how to survive your dumbest decisions. Friend groups that roast each other but stick together = essential college survival tactic. Between Michael Kelso's (Ashton Kutcher) "Dumbass!" and Fez's (Wilmer Valderrama) mysterious foreign wisdom, you'll learn how to insult and philosophize simultaneously.



4. Community

"Six Seasons and a Movie!" (Or At Least One Really Weird Semester)

Ratings & Accolades:

- IMDb: 8.5/10
- Rotten Tomatoes: 88%
- Critics' Choice Television Award: Best Comedy Series (2012)

Production House: Sony Pictures Television, Krasnoff/Foster Entertainment, Harmonious Claptrap Aired: 2009–2015 | Seasons: 6 | Episodes: 110

Why Watch?

If meta-humor and pop culture parodies make you cackle, this glorious mess of a show is for you. It's a love letter to misfits—proving that even the most dysfunctional study group can become family. Greendale is the university of last resort, where every class is an adventure (see: Paintball Wars, Pillow Forts, and Anthropology with Señor Chang (Ken Jeong)). Basically, college if it were run by a mad genius. Abed Nadir's (Danny Pudi) TV-referencing wisdom, Troy Barnes (Donald Glover) and Abed's "Troy and Abed in the mooooooorning!", and Dean Pelton's (Jim Rash) flamboyant announcements will expand your worldview in the weirdest possible ways.



LITERATI

The Literature Committee



Team Literati hosted its Spelling Bee competition on October 4th, 2024 at E-Hall from 3 pm to 5 pm, bringing together students for an engaging battle of linguistic skills. The event successfully emphasized the importance of accurate spelling and pronunciation while creating an atmosphere of healthy academic competition. With enthusiastic participation, the competition proved to be a valuable learning experience. Attended by our faculty in-charge Dr. Sanjay Kumar, professor in-charge Dr. Nijay Babu and Dr. Anup Tiwari sir; facilitated by head coordinators, core coordinators, executives and volunteers, with participants bringing the competition to life.

COMPETITIO

The event comprised three rounds:

Rounds 1 and 2: Conducted on Menti.com, each round had 20 multiple-choice questions with a 15-second response window. Points were awarded based on speed and accuracy and the top 10 participants from the leaderboard advanced to the final round.

Audience Round: A non-competitive segment featuring image-based, general knowledge and mythology questions, with surprise prizes for correct answers.

Round 3: An oral spelling challenge where the top 10 finalists spelled words based on hints (meaning,usage and origin). Ananswered

questions were passed to other participants.

<u>The final round was graced by Ar. Vijay Babu, Ar. Sanjay Kumar, and</u> <u>Ar. Anup Tiwari, who shared motivational words, praising the event's</u> <u>success and encouraging future participation. Prizes were distributed to</u> <u>winners and participants alike, prizes such as earphones, speakers and</u> <u>more.</u>

With an impressive 70% participation rate, the event effectively promoted linguistic excellence, quick thinking, and time management skills. The execution and positive response were credited to the efforts of Team Literati, setting a strong foundation for the vision of the community.

From the ripe fruits...

Words are not just ink on paper-they are echoes of souls, bridges between minds, and sparks of revolutions. Literature teaches us to question, to dream, and to feel deeply. The study of literature is not a luxury rather it is a necessity. In an age of information, literature gives us wisdom. It teaches us to listen, empathize, and respond. Literati has always stood for intellectual freedom and creative exploration. Through Literati, we didn't just read stories—we became storytellers of our own journeys. If you're reading this, maybe you're one of us- curious, quiet, and full of unspoken words. Give those words life through your pen.

-Batch of 2025







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SAYEE BHAKARE



Dear Mars

India may have arrived late to the cosmic parts, but ne've arrived with quiet fire and deep purpose. From the humble success of Mangalyaan-that ittle craft that could-to dreaming of footsteps on your dusty plains, our bond with you is growing stronger. Our engineers tinker. Our children dream louder. Our hopes soar higher. And one autosity alone, but with presence. So here's our letter to you, Mars-not as a planet, wit as a friend waiting patiently. Keep the skies clear and the storms light. We're packing stories, spices, and a lot of science.

Where the Story Meets the Stars...

Through time and tales, we drift across galaxies—not to escape reality, but to find ourselves among the stars.