



Govt. Arya Degree College

Nurpur, Distt. Kangra (H.P.)

HIMNOOR

THE MAGAZINE 2024-25



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MESSAGE

It is a matter of immense delight for me to know that your college is going to publish the college magazine.

College magazine is a very useful medium for young minds to express their bristling ideas and thoughts. It gives a chance to students, the budding writers, to get the attention of others through their creative and contemporary writings. It is an essential ingredient of college regular activities and documentation of such events. The true purpose of higher education is to open the horizons for the curious young minds and to refine and polish them in such a way that they become responsible citizens of our country.

I wish your college a great future and grand success to the college magazine. I also congratulate the Editor(s) of the magazine and wish everyone all the best in their ventures.

Jai Hind.

Dr. Amarjeet K. Sharma

FROM THE PRINCIPAL'S DESK

“While educating the minds of our youth, we must not forget to educate their heart” – Dalai Lama

Dear Students,

It is with immense pleasure I present to you the latest issue of our college magazine “**HIMNOOR**”. It is not merely a compilation of articles, but a living treatment to the creativity, curiosity, intellect, journey of self-discovery and passion but thrives in the ignited minds of our talented students.

Education is not merely confined to the textbooks alone, but it is about nurturing the minds, fostering creativity and shaping character. I hope that this issue of the college magazine “**HIMNOOR**” will inspire, provoke thought, broaden the horizons and ignite a creative spark in the minds of readers.

I extend my heartfelt gratitude to all our students who have shared their thoughts, dreams and aspirations in this issue of the college magazine. At the same time, I expect other students, who have missed the opportunity to express their intellectual genius this time, to plan to contribute next time. Your writings and passion have put life into the pages of **HIMNOOR**. I would also like to express my appreciation to the editorial team for curating this treasure trove of talent.

With this, I leave you with the words of Sh. Rabindranath Tagore -

*“ The highest education is that which does not merely give us information
but makes our life in harmony with all existence.”*



Dr. Anil Kumar Thakur
Principal

CHIEF EDITOR'S MESSAGE

"You are braver than you believe, stronger than you seem, and smarter than you think." – A. A Milne

I feel elated to present before you the new edition of our college magazine "HIMNOOR". This magazine is the result of endless endeavours of the editorial board and the students. This magazine reflects the genius of our students who have learnt to look through the window of literature and their broad vision has resulted in the compilation of this beautiful magazine. I congratulate all the chief editors as well as the budding writers.

Everyone in this world want to be successful. We always strive to be at the top of the world forgetting the fact that in order to reach at the top, we shall have to begin from the bottom. Once I read somewhere that we should not make castles in the air. But I disagree with this statement. My opinion is that we should definitely make castles in the air but at the same time, we should also provide foundations and walls to that castle. The strongest pillar that we can add to that castle is to use our time cautiously. The only time that we have at our disposal is Present - We can not go to past and change the things. At the same time we do not have any control on the future. The only time that we can use fruitfully is present. So dear students, use this time cautiously and all your dreams will come true.



Seema Ohri
Editor - in - chief

THE MAGAZINE 2024-25

HIMNOOR

ENGLISH SECTION

EDITOR

PROF. REEMA KUMARI

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FROM EDITOR'S PEN



Govt. Arya Degree College Nurpur has emerged as a powerful edifice of excellence, where undoubtedly knowledge is power. It is my privilege to present the English Section of 'Himnoor'. The magazine 'Himnoor' has made yet another earnest endeavour to show the talent & creativity of students. I firmly believe that there is constant need to broaden the scope of our horizons, extend the depth of our vision and see more in us. 'Himnoor' is a step towards providing students a platform to express themselves freely. Every student has tried best to express original thoughts in natural style and simple language. I thank and congratulate students for sharing their precious thoughts and knowledge in the form of their articles.

Reema Kumari
Editor
(English Section)

"YOU CAN"

If you think You're beaten, you are...
 If you think you dare not, you don't...
 If you like to win...but think you can't...
 It's almost a Cinch, you Won't!!

If you think you'll lose, you're lost...
 For out in the World you'll find...
 Success begins with a Fellow's will...
 It's all in a state of mind.

If you think you're outclassed, you are...
 You've got to think high to rise...
 You've got to be sure of yourself before...
 You can ever win the prize.

Life's battles don't always go...
 To the stronger or faster man...
 But sooner or later the one who wins...
IS THE ONE WHO THINKS HE CAN!!!

Muskan (22ENG018)
B.A. 3rd year

R.K. NARAYAN**Capturing the Essence of Life in Words**

"Life is not a problem to be solved, but a reality to be experienced," said R.K. Narayan, one of India's finest writers. His works, deeply rooted in the simplicity of Indian life, capture the nuances of human emotions with remarkable clarity. Best known for his fictional town Malgudi, Narayan's stories often explore the lives of ordinary people caught in extraordinary circumstances. Through novels like *The Guide*, *Malgudi Days* and *Swami and Friends*, he brought to life a world filled with humor, introspection and a quiet wisdom. Narayan's writing reflects his deep empathy for his characters, often portraying their struggles with gentleness and humor. His ability to blend the local with the universal made him a writer whose appeal transcends borders, touching readers with its timeless exploration of human nature and complexities of life. R.K. Narayan remains a beloved figure in Indian literature, leaving an indelible mark on the literary world.

Manish Kumar (22ENG001)
B.A. 3rd Year

**THE TIMELESS DETECTIVE:
Sherlock Holmes' Legacy**

Sherlock Holmes, the brilliant detective created by Sir Arthur Conan Doyle, has become an iconic figure in literature. Known for his sharp intellect, keen observation, and logical reasoning, Holmes solves complex mysteries that baffle the police. His partnership with Dr. Watson, who narrates their adventures, adds depth to the stories, balancing Holmes' eccentric genius with Watson's grounded perspective. Holmes' influence extends beyond literature into film, television and popular culture. As Holmes himself said, "When you have eliminated the impossible, whatever remains, however improbable, must be the truth", a mantra that continues to captivate readers and viewers alike.

Sumit (22ENG020)
B.A. 3rd Year

It's Okay

"It's okay to feel lost sometimes.
 Life can be tough; but you are tougher.
 It's okay to make mistakes;
 That's how we learn.
 It's okay to ask for help;
 we all need support.
 It's okay to take break;
 rest is important.
 It's okay to be yourself;
 authenticity is valuable.
 It's okay to not have all the answers;
 nobody does.
 It's okay to take things one step at a time;
 progress matters more than speed.
 It's okay to feel whatever you feel;
 emotions are natural.
 It's okay to believe in yourself;
 confidence grows with efforts.
 Remember it's okay to be human;
 imperfection is part of journey"

Ankita (24ENG001)
B.A. 1st year

THE POWER OF MINDFULNESS : Finding calm in chaos

In today's fast paced world, stress and anxiety can overwhelm even the most resilient minds. Mindfulness offers a powerful antidote, empowering us to navigate life's challenges with greater ease, balance and compassion. By cultivating present-moment awareness, we unlock a sense of calm, clarity and focus. Mindfulness practices have been shown to decrease cortisol levels, promoting relaxation, improves sleep patterns, increase serotonin levels, combating depression and anxiety, improve concentration and productivity and develop emotional intelligence and self-acceptance.

Simple techniques like deep breathing exercises, meditation, mindful walking and mindful movement can be incorporated into daily routines. Start with short sessions, make it a habit, find guided resources and practice mindfulness in nature.

Mindfulness is a powerful tool for achieving balance and well being. By embracing mindfulness, we can transform our lives, cultivate resilience and unlock our full potential. Our minds, bodies and spirits benefit from this transformative practice. Take the first step towards a more mindful, compassionate you. Discover the serenity within, amidst life's turbulence.

Akritu Sharma (24ZOO011)
B.Sc. 1st Year (Zoology)

THE EVOLUTION OF INDIAN LITERACY MOVEMENTS A Journey Through Time

Indian literature, a vibrant tapestry, has journeyed through centuries, mirroring our nation's soul. From the ancient whispers of the Vedas and epics like Ramayana, to the devotional verses of Kabir and Mirabai, our stories have always reflected our deepest beliefs and struggles.

Colonial times saw English emerge, sparking a surge of nationalist voices like Tagore's, alongside regional blooms. Post-Independence, literature blossomed, exploring social justice and the complexities of newly formed nation. Today, authors like Arundhati Roy and Salman Rushdie continue legacy, grappling with globalization and diverse perspectives.

This journey through time showcases how Indian literature has always been a mirror to our society, a space for introspection and celebration. It's a testament to the enduring power of stories to connect us across generations and cultures.

Priya (22ENG026)
B.A. 3rd Year

DREAMS

Hold fast to dreams
For if dreams die
Life is a broken-winged bird
That can not fly.

Muskan (22ENG018)
B.A. 3rd year

Hold fast to dreams
For when dreams go
Life is a barren field
Frozen with snow.

THE POWER OF TIME

You can not purchase back time once it has passed, making time an invaluable resource, one needs to start Learning how to use time effectively to achieve their goals. Time is an excellent teacher since it never stops and does not wait for anyone. Every person's life is greatly influenced by the passage of time, whether it be through daily activities like rising from bed, cleaning one's teeth, taking a shower, eating meals on schedule, or making plans for significant life events.

People frequently place greater importance on other things in their lives than times. The most valuable resource in life is time, not money. If you don't have enough time to enjoy your wealth, no amount of money you make will be worth anything. You can not see or catch time, but you must move with it because it is constantly moving. Time is like air. Without anyone recognizing it, it is like a wave that endlessly flows. The ones that successful in life are those who are aware of this ever-flowing wave and who create effective routine to use their time well. And those who fail do so regretfully, always wishing they could go back.

Samiksha (24BOT005)
B.Sc. 1st Year (Botany)

EXPLORING EXISTENTIALISM THROUGH LITERATURE

Existentialism, a philosophy probing freedom, isolation and the search for meaning, takes center stage in works by authors like Jean-Paul Sartre, Albert Camus, Fyodor Dostoevsky and Franz Kafka. Through characters facing moral struggles and surreal transformations, these writers reveal the human experience's raw edges. In crime and punishment, Dostoevsky explores guilt and redemption, while Kafka's *The Metamorphosis* captures the alienation of modern life. Existentialist literature invites readers to confront life's ambiguities and the complexities of self-identity, pushing us to question what truly gives life purpose. These works remind us that ultimately, meaning is something we must create for ourselves.

Suhani (22ENG060)
B.A. 3rd Year



1. Tell a man something, it goes in one ear and comes out of the other.
U tell a women something, it goes in both ears and come out of the mouth.
2. Look at the Ocean and see God's glory!
Look at the sky and see God's wonder!
Look at the moon and see God's wonder!
Look at the mirror and see God's blunder!
3. Wife : I wish I was a newspaper, so I'd in your hands all day.
Husband : I wish that you were a newspaper, so I could have a new one everyday.
4. "Your future depends upon your dreams" so, go to sleep.

Priya Rani (22ENG026)
B.A. 3rd year



THE STARFISH STORY

One day a man was walking along the beach when he noticed a boy picking up and gently throwing things into the ocean.

Approaching the boy he asked: "Young man, what are you doing?"

The boy replied, "Throwing starfish back into the ocean, the surf is up and the tide is going out. If I don't throw them back, they'll die".

The man laughed to himself and said, "Do you realize there are miles of beach and hundreds of starfish? You can't make any difference."

After listening politely, the boy bent down, picked up another starfish and threw it into the surf, then smiling at the man, he said;

"I made a difference to them man!!"

Arti Sambria (22ENG004)
B.A. 1st year

FUN FACTS

- * Octopus have three hearts, and two stops beating when they swim. Basically, they're just as over dramatic as us during exams.

- * There's a village in Norway called "Hell", and it freezes over every winter.



Suhani Mehra(22ENG017)
B.A. 3rd Year

JOKES

- * Parallel lines have so much in common. It's a shame they'll never meet.
- * "Why don't skeletons fight each other?"
They don't have guts.
- * "Why do I bring a ladder to class?"
To reach higher grades!"

Aman(21ENG003)
B.A. 3rd Year

CHANAKYA : The original mastermind of Political Literature

Chanakya, also known as Kautilya, is regarded as the original mastermind of political literature. His most famous work, Arthashastra, is a comprehensive guide to governance, economics and military strategy. As an advisor to Chandragupta Maurya, Chanakya helped establish the Maurya Empire, emphasizing the importance of strong, centralized government and strategic diplomacy. His teachings on leadership stressed wisdom, foresight and pragmatism, advocating for the use of manipulation and strategic alliances to secure power. Chanakya's insights into statecraft and leadership continue to be revered for their practical application and timeless relevance in the world of politics.

*Aman (21ENG003)
B.A. 3rd year*

SALMAN RUSHDIE'S MAGICAL REALISM : Bridging history and Fantasy

Salman Rushdie is renowned for his unique blend of magical realism, where he intertwines historical events with fantastical events. His work often blurs the line between reality and imagination, creating a world where the extraordinary becomes part of everyday life. In "Midnight's Children" and "the Satanic Versus", Rushdie explores post-colonial themes and the complexities of identity, often incorporating elements of myths, folklore and dreams to tell stories that are deeply rooted in history, through magical realism, he bridges the gap between historical truths and the fantasy of personal and collective experiences, enriching the narrative with layers of meaning and interpretation.

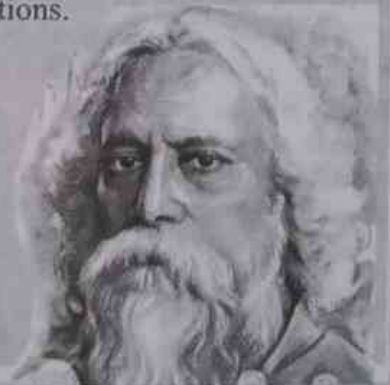
*Priya (22ENG026)
B.A. 3rd year*

RABINDRANATH TAGORE : A Visionary Beyond Boundaries

"You can't cross the sea merely by standing and staring at the water."

Rabindranath Tagore, a literary giant and nobel laureate, reshaped Indian literature and art with his profound works. Born in 1861, Tagore wrote poetry, novels, short stories and plays, blending Indian traditions with western influences. His most famous work, Gitanjali (song offerings), earned him the Nobel Prize for literature in 1913.

Tagore's poetry, steeped in spirituality and humanism, resonated globally. Apart from literature, he was a philosopher, composer and educator, founding Visva-Bharti University. His songs including Jana-Gana-Mana, the National Anthem of India, continue to inspire generations.



*Riya Choudhary
(22ENG038)
B.A. 3rd Year*

THE TIMELESSNESS OF TRAGEDY IN LITERATURE

Tragedy has been a cornerstone of literature for centuries, transcending cultures and eras. From the Greek tragedies of Sophocles to Shakespeare's Hamlet and modern works, tragedy explores the complexities of human existence - Our flaws, struggles and inevitable downfalls. These stories resonate because they tap into universal emotions like grief, loss and existential despair. Tragedy offers both catharsis and reflection, allowing readers to confront life's dark aspects. Its timelessness lies in its ability to reflect the human condition, offering profound insights into suffering and resilience making tragedy as relevant today as it was in ancient times.

*Anjali (22ENG015)
B.A. 3rd year*

LESSON OF TIME

When a bird is alive,
It eats ants;
when the bird is dead,
ants eat the bird.
Time and circumstances
can change at any time.
Don't devalue or hurt
anyone in life.
You may be powerful today,
but remember,
time is more powerful than you.

*Artisha Kumari
(24ENG006)
B.A. 1st year*

LITERATURE'S OBSESSION WITH DEATH : A Philosophical Journey

Death, an inevitable part of life, has a captivated literature for centuries, becoming a central theme that sparks deep philosophical exploration. From Shakespeare's "Hamlet" to Tolstoy's "The death of Ivan Ilyich", writers have used death to question existence, purpose and the meaning of life. Death serves as a mirror reflecting humanity's greatest fears and desires for immortality while also inspiring reflections on legacy, morality and the afterlife. Through different literary lenses-tragic, existential or spiritual-death prompts readers to grapple with life's transient nature, offering profound insights into what it means to live, love and ultimately die.

*Damini (22POL037)
B.A. 3rd year*

PSYCHOLOGICAL FACTS

1. Your brain is more active when you're asleep than when you are awake! During sleep, your brain processes information, forms memories and even solve problems.
2. The "halo effect" means you tend to assume someone with one positive trait (like being attractive) is also good at other things (smart, kind etc.), even without evidence.
3. Human are hardwired to notice faces: Your brain is so good at recognizing faces, it even detects them in objects like clouds or electrical outlets.

*Riya Choudhary(22ENG038)
B.A. 3rd year*

IMPORTANCE OF TEENAGE

According to William Shakespeare, life of a man is divided to seven stages. Among these the third stage, the age of teenage is the most exciting, joyful as well as responsible age. The years of one's age from thirteen to nineteen are regarded as teenage of one's life. This is actually the time period when the maturity of a person starts building up. After this life becomes very stable and one has to face a hard life. Teenage is the most delicate period of one's life. These are the struggling days because these years, if utilized properly make a shining future and if not cared about they impose a question mark on one's career.

Teenage is full of temptations. The mind is not fully mature. In this period new life starts. Students go to colleges. There is new atmosphere and it is up to them whether they want to join good company or that of swindlers. At this stage, the maturity of mind is actually tested. An immature person always indulges in wrong acts. This gives rise to a lot of problems for him. An immature person does not obey his parent's advice. He considers every advice of his parents as if it is going to repress him. At this stage parents role is very important. If they neglect their duties and give no time to the children, they will become what they never hoped of. The children will become violent and deficient in moral and ethical values. There will be no feeling of hard work, good temperament etc which are very important at this stage of life. A child in that condition will have no affection for his parents, if his parents neglect their duties. If anyone wants to make his career, this is the best time of one's life. One should never forget that career is made by working hard it is not bought. Getting admission by giving donations turning point brings fame or shame, depends upon the person's attitude. I believe that a person, who has passed his teenage successfully, has made his future bright so friends, concentration is very important. Make up your minds, set up goals and success will be yours.

*Vinay (22ENG017)
B.A. 3rd year*



"WORDS ON A PAGE"

Words on a page, a story told,
 A glimpse into hearts, young and old.
 Emotions flow, thoughts unfold,
 A World of meanings to behold.
 With every line, a piece of soul,
 A fragment of life made whole.
 The writer's voice, a gentle breeze,
 That stirs the heart and brings it to its knees.
 In ink and paper, a tale is spun,
 A dance of words beneath the sun.
 A symphony of thoughts and dreams,
 That echoes on and on, it seems.

Suhani Mehra(22ENG014)
B.A. 3rd Year

TIRED OF MY LIFE

In the classroom, day by day, I chase my
 dream, I find my way. But sometimes, oh, I am
 tired of life, Amidst the stress and endless
 strife.

Homework piles high, exam room near, I yearn
 for a moment, a pause, a tear.
 In this whirlwind of looks and strife, I wonder
 am I tired of life?

But then I glimpse a glimmering light, A
 friend's warm smile, a starry night. And in
 those moments, I find my way, Renewed,
 refreshed for another day.

Life's a journey, full of bends,
 And though it's tough, it all depends,
 On how I see the world so wide.
 I'll find the strength to enjoy the ride,

So when I am weary, feeling the strife,
 I'll remember the joy's, the wonders of life.
 For though it is tough, with struggles rife,
 I'll never truly be tired of life.

Babita Devi (24ENG009)
B.A. 1st year

**THE INTRICACIES OF
HUMAN BEHAVIOR**

1. People are wired to imitate others: Humans are naturally inclined to mirror the behavior of those around them, a phenomenon known as automatic mimicry. This helps with social bonding and empathy.
2. Humans are more generous when they feel watched: The mere presence of others, even if they're not directly interacting with you, can increase the likelihood of people acting generously due to a desire to maintain a good reputation.
3. Laughter is a social behaviour : People laugh more in social settings than when they're alone. Laughter is often used to bond with others, not just for humor.

Vansh (22ENG040)
B.A. 3rd year

**WHAT YOUR FAVORITE
SNACK SAYS ABOUT YOU**

1. **Samosa** : You're the life of the party. You like things spicy and crispy and know how to balance everything perfectly. Also you never say no to an extra chutney.
2. **Pakora** : You're the adventurous one. You might be a little flaky on outside (like that perfect fried coating), but you've got a warm, spicy heart. You thrive in monsoon season!
3. **Bhel Puri** : You're quirky and a little unpredictable. You enjoy the perfect mix of crunchy, tangy and spicy and you can't stand monotony. You're the one who always has the best gossip.
4. **Aloo-Tikki** : You're comfort-loving but with a twist. You enjoy the simple pleasures of life-warm filling and satisfying- but you're never afraid to add a dash of spice to keep things interesting.
5. **Pani-Puri/Gol Gappa** : If pani puri is your favorite, you're adventurous, sociable, spontaneous and love experiencing life's excitement.

Palak (22HIS088)
B.A. 3rd year

Himnoor

पत्रिका 2024-25

हिमनूर

हिंदी अनुभाग

सम्पादक

डॉ० अनिल कुमार

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सम्पादक की कलम से



हूँ अगर मैं शब्द तो अर्थ उसका तुम हो
अगर हूँ मैं मुस्कान तो हर्ष उसका तुम ही हो ।
हूँ अगर मैं प्रार्थना तो पुकार मेरी तुम ही हो
अगर हूँ मैं पक्ति तो विस्तार उसका तुम ही हो ।
हूँ अगर मैं छंद तो काव्य उसका तुम ही हो
अगर हूँ मैं इच्छा तो प्राप्य केवल तुम ही हो ।
केवल तुम ही हो ।

- अज्ञात

मानव जीवन अनन्त प्रवाह का प्रतीक है क्योंकि व्यक्ति ने समय के साथ - साथ अपने भाव एवं बुद्धि की अनन्तता को मापने के लिए अपने असाध्यपूर्ण मानसिक कर्म से अनेक घाट विनिमित्त किए हैं। ऐसा कोई क्षेत्र नहीं होगा जो व्यक्ति के इस बौद्धिक व्यायाम से वंचित रह गया होगा। इसमें साहित्य एक ऐसा क्षेत्र है जिसमें व्यक्ति अपनी मनोभावनाओं को सहज स्वरूप में व्यक्त कर पाता है। यही वह मनोभाव एवं कल्पनाएं होती हैं, जो आने वाले समय में नए परिवेश का निर्माण करती हैं। सामाजिक प्राणी होने के कारण व्यक्ति समाज के हर क्षेत्र विशेष से परिचित रहता है। यही कारण है कि वह प्रकृति, परिवेश, वातावरण मानवीय संबंधों एवं उनके जीवन दर्शन से प्रभावित रहता है।

राजकीय आर्य महाविद्यालय नूरपुर (कांगड़ा) हि०प्र० की वार्षिक पत्रिका षहिमनूर विद्यार्थियों के लिए अपनी वैचारिक अभिव्यक्ति के लिए बहुत अच्छा माध्यम है। इस पत्रिका के माध्यम से विद्यार्थी अपनी भावनाओं को लिखित रूप में समाज के सामने लाते हैं और इसे ही उनके भीतर छिपी हुई प्रतिभा को अभिव्यक्ति मिलती है। विद्यार्थियों की इसी वैचारिक अभिव्यक्ति को प्रकाशनाथ संलग्न करते हुए मुझे अति हर्षोल्लास की अनुभूति हो रही है। मैं सभी को उनकी रचना कर्म के लिए शुभकामनाएं देते हुए उनके भविष्य की मंगल कामना करता हूँ।

डॉ० अनिल कुमार
प्रवक्ता हिन्दी विभाग

मजिल उन्हीं को मिलती है, जिनके सपनों में जान होती है।

पंखों से कुछ नहीं होता, होंसलों से उड़ान होती है।

हमारी हिन्दी सिर्फ एक भाषा नहीं है बल्कि यह भारतीय संस्कृति और एकता का प्रतीक भी है। यह हमें हमारे समृद्ध इतिहास, साहित्य और परम्पराओं से जोड़ती है। कोई भी हिन्दुस्तानी जहां भी हो, दूसरे हिन्दुस्तानी से हिन्दी भाषा के जरिए अपनी भावनाओं को अभिव्यक्त करता है।

आज देश का शायद ऐसा कोई हिस्सा हो जहां हिंदी सहजता से बोली या समझी न जाती हो। हिन्दी केवल हमारी मातृ-भाषा व राजभाषा ही नहीं बल्कि यह राष्ट्रीय एकता और गौरव का प्रतीक है।

हमारे महाविद्यालय की पत्रिका 'हिमनूर' के हिन्दी अनुभाग की छात्रा संपादिका होना मेरे लिए सौभाग्य की बात है। यह पत्रिका विद्यार्थियों के लिए उनके विचारों और छुपे हुए भावों, प्रतिभाओं को व्यक्त करने के लिए बहुत ही उपयोगी माध्यम है। मैं इस अवसर पर आप सभी को यह सलाह देना चाहती हूँ कि आप सभी बुरी आदतों तथा गलत मार्ग को त्याग कर एक ईमानदार विद्यार्थी बनें। मैं इन समस्त विद्यार्थियों को उनके सुखद जीवन और उज्ज्वल भविष्य की शुभकामनाएं देती हूँ।

धन्यवाद।

जय हिन्द, जय भारत ।

नेहा

छात्र सम्पादक
तृतीय वर्ष

मैं हिमाचल हूँ, फिर से जीत जाऊंगा

स्वर मेरा बुलन्द है, मैं फिर से गीत जाऊंगा,
मैं हिमाचल हूँ, फिर से जीत जाऊंगा।

संकट से आहत, पस्त नहीं हूँ,
थोड़ा सा चिंतित, परास्त नहीं हूँ,
स्नेह मेरा बुलन्द, फिर से प्रीत जगाऊंगा,
मैं हिमाचल हूँ, फिर से जीत जाऊंगा।

त्रासदी पर मंथन हो रहा, श्रेष्ठ की अपेक्षा है,
पीछे नहीं है हटना, ये धैर्य की परीक्षा है,
गौरवमयी बुलंद है, फिर से रीत निभाऊंगा,
मैं हिमाचल हूँ, फिर से जीत जाऊंगा।

उजड़े आशियाने बसा कर, बिखरे सपने जोड़ूंगा,
कार्य चाहे विषम, विनाश का तंत्र तोड़ूंगा,
सौहार्द मेरा बुलंद, फिर से मीत बनाऊंगा,
मैं हिमाचल हूँ, फिर से जीत जाऊंगा।

विजय कुमार
कला-स्नातक प्रथम वर्ष

“संघर्ष की गाथा”

जिन आँखों ने देखा है मां-बाप का दर्द
वो कभी नहीं भूलेगा उनके संघर्ष का फर्ज
धूप में छांव बनकर कंधे से कंधा मिलाया
छोटे से बड़े होने तक हर कदम साथ निभाया।

वो बेटे कभी नहीं भटकते राहों में,
जिन्होंने देखा है माता-पिता को मुश्किलों की बाहों में,
उनकी थकी आँखों में सपनों का आसामान है
बेटे के लिए त्याग और प्रेम का पूरा जहाज है।

आंसुओं से सींचा जो पेड़ खड़ा है
उसे गिराने का ख्याल भी कभी कोई गलत न करेगा
वो बेटे पत्थर बन जाते हैं पहाड़ों से भी बड़े
जिन्होंने अपने मां-बाप के संघर्ष को दिल से जड़ा है।

मानवी
तृतीय वर्ष

अध्यापक

जब पहला पग पड़ा हिमालय में
तब मैं कोरा पन्ना था,
मुझे भी शिक्षा ग्रहण करके
एक अच्छा इन्सान बनना था।
हां, साथ दिया मेरे शिक्षकों ने
और सिखाई हर नई बात मुझे
अपनी लिखी कुछ पक्तियों में
मैं नमन करूंगा आज उन्हें
कि आपके उपकारों को अध्यापक
हम जन्मी तक न भूलेंगे
याद आयेगी बहुत आपकी
जब कामयाबी का झूला झूलेंगे
दृढ़ संकल्प लेना सिखाते हो
हमें संस्कारों का महत्व सिखाते हो
भटकते हुए हर राही को
सफलता का मार्ग दिखाते हो
नजर सब पर एक समान हो
न कभी शिष्यों में भेदभाव करते
किसी नादान से गलती हो जाए
तो सीख देकर माफ करते हैं।
हम में छुपे गुणों को तराशकर
हम पर हुनर का रंग चढ़ाते हैं।
हर शिक्षक खुद में एक संस्था है
जो देश को आगे बढ़ाते हैं।

दिव्या देवी
कला स्नातक (द्वितीय वर्ष)

किताब

किताब पढ़ना एक खजाना है
जिसने पढ़ी उसने ही जाना है
अपने आत्मविश्वास को बढ़ाना है
आसमान की ऊँचाईयों तक ले जाना है
क्योंकि न पढ़ने के लिए कई तर्क देना
तो बस एक बहाना है।
इच्छाशक्ति को दृढ़ बनाना है।
गिर कर उठना सीखना है।
पढ़ने के लिए सभी को जागरूक करवाना है।
किताबों से ही जगत के रहस्य को जाना है।
सभी को सफलता की राह ले जाना है।
क्योंकि, किताब पढ़ना एक खजाना है।

रजनी
कला स्नातक
(तृतीय वर्ष)

मैं विद्यार्थी हूँ

मैं विद्यार्थी हूँ, ज्ञान की राह पर
सिखने की लालसा मेरे मन में है सदा।।

किताबें मेरी मित्र कलम मेरा साथी
सीखने की यात्रा में सदा आगे बढ़ चला।।

शिक्षक मेरे मार्ग दर्शक, ज्ञान के सागर वह
मुझे जीवन की सच्चाई हमेशा सिखाते वह।।

परीक्षा में तैयार, अपने आप की करने परख
सपनों को सच बनाने के लिए मैं तरक।

मैं विद्यार्थी हूँ, भविष्य का निर्माता,
अपने सपनों को सच बनाऊंगा
मैं विद्यार्थी ज्ञान की राह पर सदा ही चलता जाऊंगा।।

नाम - रेहमत अली

पिता

तन मन धन से समर्पित होता है,
परिवार के लिए तत्पर रहता है।
मुसीबत में साथ खड़ा होता है,
बेटे के लिए राजा होता है,
बेटी के सर का ताज होता है,
हमें एकजुट रखता है,
वो पिता होता है।
व्यवहार से लोह-सा सशक्त होता है,
दिल से फूलों सा कोमल होता है,
चिरागों को जो रोशन करता है,
वो पिता होता है।
बहती धारा सा अविरल रहता है,
अनुभवों का एक पिटारा रखता है।
आशीष जिनका संग रहता है,
जिन्दगी में जो रंग भरता है,
हर कदम पर ठोकरों से बचाता है,
वो पिता होता है।

नाम-नफिता देवी
कक्षा-द्वितीय वर्ष

युद्ध नहीं जिनके जीवन में (संघर्ष)

युद्ध नहीं जिनके जीवन में, वे भी बहुत अभागे होंगे
या तो प्रण को तोड़ा होगा, या फिर रण से भागे होंगे।
दीपक का कुछ अर्थ नहीं है, जब तक तम से नहीं लड़ेगा,
दिनकर नहीं प्रभा बांटेंगे, जब तक स्वयं नहीं धधकेगा।
कभी दहकती ज्वाला के बिन, कुंदक भला बना है सोना
बिना घिसे मेहंदी ने बोलो, कब पाया है रंग सलौना।
जीवन के पथ के राही को, क्षण भर भी विश्राम नहीं है।
कौन भला स्वीकार करेगा, जीवन एक संग्राम नहीं है।
अपना-अपना युद्ध सभी को, हर युग में लड़ना पड़ता है,
और समय के शिलालेख पर, खुद को खुद गढ़ना पड़ता है।
सच की खातिर हरिश्चंद्र को, सकुटुम्ब बिक जाना पड़ता
और स्वयं काशी में जाकर, अपना मोल लगाना पड़ता।
दासी बनकर के भरती है, पानी पटरानी पनघट में,
और खड़ा सम्राट वचन के, कारण काशी के मरघट में।
ये अनवरत लड़ा जाता है, होता युद्ध विराम नहीं है।
कौन भला स्वीकार करेगा, जीवन एक संग्राम नहीं है।
हर रिश्ते की कुछ कीमत है, जिसका मोल चुकाना पड़ता,
और प्राण प्रण से जीवन का, हर अनुबंध निभाना पड़ता।
सच ने मार्ग त्याग कर देखा, झूठ रहा सुख का अभिलाषी
दशरथ मिटे वचन खातिर, राम जिये होकर वनवासी।
पावक पथ से गुजरी सीता, रही समय की ऐसी इच्छा
देनी पड़ी नियति के कारण, सीता को अग्नि परीक्षा।
बन गई पुनः वैदेही, निरपराध ही सुनो अकारण
जीतीं रहीं उम्रभर बनकर, त्याग और संघर्ष उदाहरण।
लिए गर्भ में निज पुत्रों को, वन का कष्ट स्वयं ही झेला
खुद के बल पर लड़ा सिया ने, जीवन का संग्राम अकेला।
धनुष तोड़ कर जो लाए थे, अब वो संग में राम नहीं।
कौन भला स्वीकार करेगा, जीवन एक संग्राम नहीं है।

Artisha
24ENG006

कोशिश कर, हल निकलेगा।
आज नहीं तो, कल निकलेगा।
अर्जुन के तीर सा सध,
मरुस्थल से भी जल निकलेगा।
मेहनत कर, पौधे को पानी दे,
बंजर जमीन से भी फूल निकलेगा।
ताकत जुटा, हिम्मत को आग दे,
फौलाद का भी बल निकलेगा।
जिन्दा रख, दिल में उम्मीदों को,
गरल के समन्दर से भी गंगाजल निकलेगा।
कोशिशें जारी रख कुछ कर गुजरने की,
जो है आज थमा-थमा सा, चल निकलेगा।



नाम - कोमल

ये शिक्षक कहलाते हैं

रोज सुबह मिलते हैं इनसे
क्या हमको करना है ये बतलाते हैं।
ले के तस्वीरें इन्सानों की
सही गलत का भेद हमें ये बतलाते हैं।
कभी डांट तो कभी प्यार से
कितना कुछ हमको ये समझाते हैं।
हैं भविष्य देश का जिनमें
उनका सबका भविष्य ये बनाते हैं।
हैं रंग कई इस जीवन में
रंगों की दुनिया से पहचान, ये करवाते हैं।
खो ना जाये भीड़ में कहीं हम,
हम को हम से ही ये मिलवाते हैं।
हार-हार के फिर लड़ना ही जीत है सच्ची,
ऐसा एहसास ये हमको करवाते हैं।
कोशिश करते रहना हर पल,
जीवन का अर्थ हमें ये बतलाते हैं।
देते हैं नेक मजिल भी हमें,
राह भी बेहतर हमें ये दिखलाते हैं।
देते हैं ज्ञान जीवन का,
काम यही सब का इनका,
ये शिक्षक कहलाते हैं, ये शिक्षक कहलाते हैं।।

नाम-कीर्ति देवी (गणित विभाग)

बचपन

एक बचपन का जमाना था,
जिसमें खुशियों का खजाना था।
चाहत चांद को पाने की थी,
पर दिल तितली का दीवाना था।
खबर न थी कुछ सुबह की,
न शाम का ठिकाना था।
थककर आना स्कूल से
पर खेलने भी जाना था।
मां की कहानी थी,
परियों का फसाना था।
बारिश में कागज की नाव थी,
हर मौसम सुहाना था।
हर खेल में साथी थे,
हर रिश्ता निभाना था।
गम की जुबान ना होती थी,
ना ज़ख्मों का पैमाना था।
रोने की बजह न थी,
न हंसने का बहाना था।
क्यूं हो गए हम इतने बड़े,
इससे अच्छा तो वो बचपन का जमाना था।

नाम-तमन्ना देवी
कला स्नातक (प्रथम वर्ष)

बेटियां

घर के आंगन को महकाती हैं बेटियां
 माता-पिता की प्यारी होती हैं बेटियां
 सारे सुरगें के खजाने की चाबी होती हैं बेटियां
 जब भी हो कोई परेशान तो उसकी हंसी का
 जरिया बन जाती हैं बेटियां
 कभी प्यार तो कभी जिद्द से अपनी बात
 को मनवाती हैं बेटियां
 तभी तो इतनी प्यारी होती हैं बेटियां
 सुन सकती हैं माता-पिता के दिल का राज
 इसलिए बेटियां होती हैं हमेशा खास
 अपने छोटे-छोटे कदमों से घर को
 रोशन करती हैं बेटियां
 मां सरस्वती का रूप होती हैं बेटियां
 कभी छाव तो कभी धूप होती हैं बेटियां
 जो छूकर घर को सोना कर दे
 सबका आंगन खुशियों से भर दे
 ईश्वर का दिया हुआ खास तोहफा होती हैं बेटियां
 इसीलिए घर में सबकी जान होती हैं बेटियां।

नेहा (प्रथम वर्ष)

अपना मार्ग बनाना है

जग में तुमको नहीं हैं रुकना बस चलते ही जाना हैं
 नहीं है थकना नहीं हैं डरना अपना मार्ग बनाना हैं।
 यह मत सोचो कल क्या होगा तुम बस अपना कर्म करो।
 जो होगा वह अच्छा होगा नहीं किसी से कभी डरो।
 सब कुछ कर सकते हो तुम यह दुनिया को दिखलाना हैं।
 नहीं है थकना नहीं हैं डरना अपना मार्ग बनाना हैं।
 कोशिश करने वालों की न हार कभी भी होती है।
 जो गहरे सागर में जाता मिले उसी को मोती हैं।
 जो साहस करता दुनिया में पूछे उसे जमाना हैं।
 नहीं है थकना नहीं हैं डरना अपना मार्ग बनाना हैं।
 कुछ भी मुश्किल नहीं हैं जग में जो चाहो वह संभव हैं।
 मेहनत से सब कुछ मिलता हैं बड़े-बड़ों का अनुभव हैं।
 मेहनत से सब कुछ संभव हैं यही मंत्र अपनाना हैं।
 नहीं है थकना नहीं हैं डरना अपना मार्ग बनाना हैं।
 करत-करत अभ्यास के जडमति सुजान हो सकता हैं।
 एक साधारण सा बालक अब्दुल कलाम हो सकता हैं।
 जग में अपना नाम बनाकर दुनिया को दिखलाना हैं
 नहीं हैं थकना नहीं हैं डरना अपना मार्ग बनाना हैं।
 दुर्लभ मानव जन्म मिला हैं उसको न बर्बाद करें।
 कर्म करें हम जग में ऐसा जाने पर सब याद करें।
 अंत समय में कर्म रहेंगे बाकी सब मिट जाना हैं।
 नहीं है थकना नहीं हैं डरना अपना मार्ग बनाना हैं।

जीत पक्की है

कुछ करना है, तो डटकर चल।
 थोड़ा दुनिया से हटकर चल।
 लक पर तो सभी चल लेते हैं,
 कभी इतिहास को पलटकर चल।
 बिना काम के मुकाम कैसा?
 बिना मेहनत के दास कैसा?
 जब तक न हासिल हो मजिल,
 तो राह में, आराम कैसा?
 अर्जुन सा निशाना रख, मन में,
 न कोई बहाना रख।
 जो लक्ष्य सामने है,
 बस उसी पे अपना ठिकाना रख।
 सोच मत, साकार कर,
 अपने कर्मों से प्यार कर।
 मिलेगा तेरी मेहनत का फल,
 किसी और का ना इंतजार कर।
 जो चले थे अकेले,
 उनके पीछे आज मेले हैं।
 जो कहते रहे इंतजार उनकी,
 जिदंगी में आज भी झमेले हैं।

कशिश पठानिया
बी.ए. द्वितीय वर्ष

नकल की कीमत

नकल करके क्या पाओगे,
 एक दिन ऐसा होगा जब तुम अफसोस जताओगे।
 नकल करके ले लेंगे डिग्रियां भले ही तुम,
 पर ज्ञान कहाँ से लाओगे।
 जब पहुंचोगे तुम अपनी मजिल पर,
 लोगों को क्या बतलाओगे।
 किसी मुकाम पर किसी ने कुछ पूछा,
 तो फिर हाथ मलते रह जाओगे।
 अभी से शुरू कर लो पढ़ाई,
 वरना पास होकर भी फेल हो जाओगे।
 अपनी मेहनत से लेंगे अच्छे नंबर तभी
 सफलता पाओगे।
 वरना एक दिन ऐसा आएगा जब तुम
 आंसू बहाओगे।
 करोगे अगर नकल तो तुम पछताओगे।
 गुरुओं का तुम मानो कहना
 नकल से तुम दूर रहना।

नाम - प्रियंका देवी
कला स्नातक, प्रथम वर्ष

बंद करो हैवानियत

बंद करो हैवानियत इंसान की हकदार हूँ
गलती किसी और की फिर मैं क्यों जिम्मेदार हूँ।
हैवानों ने तो अब सारी शर्म बेच खाई है।
गलती तेरी ही थी यह बात बार-बार मुझे सुनाई है।
क्यों आवाज़ दबाऊ अपनी, क्यों न राक्षस का संहार करूँ
इज्जत जिसे लूटी मेरी, क्यों उसपे ना मैं बार करूँ।
सर क्यों मैं झुकाऊँ, जब मेरा कोई अपराध नहीं
इंसान मुझे कब मिलेगा इसका कोई जवाब नहीं।
आपस में लड़ते हैं सारे पर इंसान कोई नहीं दिलाता है
आखिर में हर कोई बालात्कारी का ही साथ निभाता है।
पाप करके भी क्यों वो हैवान मुस्कुराता है।
कुछ भी हो पर लड़की का ही दोष लगाया जाता है।
क्यों ताना सबका मैं सुनु, क्यों इज्जत से खिलवाड़ हो
बुरी नजर डाले जो औरत पर उसका सिर उखाड़ दो।
हर किसी ने मुझको नजरे झुकाना सिखाया है
हर लड़की की इज्जत करो, लड़कों को क्यों नहीं बताया है।
अपराध जब करता है वो तो क्यों उसे सजा नहीं दिलवाते है
लड़की हो इसलिए चुप रहना, क्यों मुझे सिखलाते है।
सीता का बस हरण हुआ था, इसलिए रावण को हर साल
जलाया जाता है।
बालात्कारी को फिर क्यों नहीं फांसी पर चढ़ाया जाता है।
पाप अभी हुआ है फिर इंसान में कई साल क्यों
इस पर सब करते राजनीति का बवाल क्यों?
दिन डलने के बाद तू घर पर रहेगी।
लड़की है इसलिए हर बार सहेगी।
क्यों आज मुझको निर्भया बनाया है।
तेरी ही गलती थी ये ही दोष लगाया है।
गलत मेरे साथ हुआ फिर सजा देने का हक क्यों नहीं
लोगों की नजरों में अब भी वो गलत क्यों नहीं।
उस बाप से पूछो जिसकी बेटी का ये हाल हुआ
बेशर्मी के बाजार में उसका बालात्कार हुआ।
क्यों भीख मांगू रैहम की,
क्यों समझौता मैं बार-बार करूँ
दर्द मेरा समझो सब, दुश्मन पर फिर बार करूँ।
मौका दो मुझको एक, न इज्जत का व्यापार हो,
ऐसी सजा दो हैवान को, फिर कभी न बालात्कार हो।
फिर कभी ना बालात्कार हो।।

By : Niharika
B.Sc. 1st Year (Botany)

हिन्दी भाषा के स्तम्भ

वर्णमाला हिन्दी की, वैज्ञानिक मनभावन।
13 स्वर, 39 व्यंजन, 'अक्षर' इसमें बावन।।
कोई भी हो नाम अगर तो, संज्ञा वह कहलाता।
संज्ञा के बदले जो आता, सर्वनाम बन जाता।।
कोई भी हो काम अगर तो, क्रिया उसे हम कहते।
जिनका रूप कभी न बदले, अव्यय शब्द होते।।
पुरुष जाति का बोध कराते, शब्द कहलाते 'पुल्लिंग'।
स्त्री जाति का बोध कराते, शब्द वह 'स्त्रीलिंग'।।
संख्या में हो, एक अकेला, होता 'एकवचन'।
अगर एक से ज्यादा हो तो, बनता 'बहुवचन'।
तीन पुरुष हिन्दी में होते, उत्तम, मध्यम, अन्य।
उत्तम मैं हूँ, मध्यम तुम हो, तीसरा होता अन्य।।'
जिन शब्दों का अर्थ एक सा, पर्यायवाची शब्द।
एक दूसरे से जो उल्टे, होते विलोम शब्द।।

वशिका शर्मा
वाणिज्य विभाग (प्रथम वर्ष)

शिक्षा और संस्कार

माता-पिता भले ही अनपढ़ क्यों न हो
लेकिन अपने बच्चों को शिक्षा और संस्कार
देने की जो क्षमता उनमें सबसे ज्यादा है,
वो दुनिया के किसी स्कूल में नहीं है।
शिक्षा हमें धन-दौलत और प्रसिद्धि दिला सकती है,
पर उन्हें संभाल कर रखना संस्कार ही सिखाते हैं।
जिस गांव में बारिश न होख
वहां की फसलें खराब हो जाती हैं,
ऐसे ही जिस घर में शिक्षा और संस्कार न हो,
तो वहां की नस्लें खराब हो जाती हैं।
बिना संस्कार के शिक्षा का कोई
महत्व नहीं होता है।
शिक्षा और संस्कार जीवन को जीने के मूल मंत्र है,
शिक्षा आपको कभी झुकने नहीं देगी,
और संस्कार आपको कभी गिरने नहीं देगे।
इस दुनिया में सब कुछ कॉपी हो सकता है,
लेकिन चरित्र, व्यवहार, संस्कार और शिक्षा
कभी कॉपी नहीं की जा सकती हैं।
अगर आपके संस्कार और आप की शिक्षा अच्छे हैं,
तो आपको जीवन में आगे बढ़ने से कोई
नहीं रोक सकता।

अनुराधा
कला स्नातक -द्वितीय वर्ष

अलविदा कहना पड़ रहा

मेरे यारों.....

ये साथ का पल,
अब एक दास्तां में बदल रहा,
आ गया वो मोड़,
जिसमें अलविदा कहना पड़ रहा..अलविदा कहना पड़ रहा।

क्लास और कैटीन वाली,
कहानी होगी खत्म अब।
अब अलग होंगी मज़िलें,
और अलग होगा रास्ता।

कैंपस की वो सीढ़ियां,
जमती जहां थी महफिलें
वो सीढ़ियों का स्टेज भी अब
खाली करना पड़ रहा
आ गया वो मोड़ जिसमें,
अलविदा कहना पड़ रहा....अलविदा कहना पड़ रहा।

बच्चे ही थे ना, जब आये थे
ये पल भी कैसे ढल गये
हाथ में डिग्री मिली,
और.....हम सब सयाने हो गये
एक पल में अरसा गुजरने का
ये दौर भी अब थम रहा
आ गया वो मोड़ जिसमें,
अलविदा कहना पड़ रहा....अलविदा कहना पड़ रहा।

मेरे दोस्तों, ठीक से देख लो,
कहीं कुछ छूटा ना हो।
कहीं तुम्हारी बजह से,
कोई दिल रूठा न हो।
क्योंकि जा रहा है वक्त जो
वो दोबारा आने से रहा
दिल थाम आखे पोंछकर
अलविदा कहना पड़ रहा.....अलविदा कहना पड़ रहा।

मेरे यारो
ये साथ का पल,
अब एक दास्तां में बदल रहा।
आ गया वो मोड़ जिसमें,
अलविदा कहना पड़ रहा.....अलविदा कहना पड़ रहा।

तमन्ना कटोच
कला स्नातक

संकल्प

दृढ़ है संकल्प तो विकल्प नहीं ढूंढना
निश्चय जब कर लिया संकल्प नहीं तोड़ना,

खुद पर विश्वास और मन में उमंग हो,
कौशल के साथ अगर साहस का संग हो,
तो किसी भी काम को, अधर में नहीं छोड़ना
निश्चय जब कर लिया संकल्प नहीं तोड़ना।

रात्रि एक दिन सुबह के साथ आएगी,
अंधकार चिरकर प्रकाश साथ लाएगी,
ठान लिया एक बार मूंढ नहीं तू मोड़ना,
निश्चय जब कर लिया संकल्प नहीं तोड़ना।

विचार को विचार कर,
दृष्ट को दूलार कर,
एक बार थाम कर हाथ नहीं छोड़ना
निश्चय जब कर लिया संकल्प नहीं तोड़ना।

जीत के लिए तो संकल्प शुद्ध चाहिए।
आलस प्रमाद के विरुद्ध युद्ध चाहिए
हारकर किसी से तू हाथ नहीं जोड़ना,
निश्चय जब कर लिया तो संकल्प नहीं तोड़ना।

नाम-निधांशी
कला स्नातक-प्रथम

कविता

मस्तक नमा कर देखिए।
अभिमान मर जाएगा।।
आखें झुकाकर देखिए।
पत्थर दिल पिघल जाएगा।
दांतों को आराम देकर देखिए,
स्वास्थ्य सुधर जाएगा।
हाथों को काम देकर देखिए,
चहूँ और उजियारा पसर जाएगा।
जीव्हा पर विराम (लगाम) लगाकर देखिए।
क्लेश का कारवां गुजर जाएगा।।
ख्वाहिशों (इच्छाओं) को घटाकर देखिए।
खुशियों का संसार नज़र आएगा।।

नाम-कामना
कक्षा-संगीत विभाग (प्रथम)

गुरु और विद्यार्थी का रिश्ता

विद्यार्थी का गुरु से वो रिश्ता है,
जिस प्रकार मछली का जल से,
मनुष्य का श्वासों से
मां-बाप बच्चे को खड़ा करना सिखाते हैं
सपने दिखाते हैं
लेकिन उन सपनों को साकार बनाने का मार्ग गुरु बनाते हैं।
जब बच्चे को स्कूल भेजा जाता है
तो स्कूल या कॉलेज में उसे गुरु मिलता है
तब गुरु शिष्य का रिश्ता कायम होता है।
विद्यार्थी जैसे-जैसे अपने उम्र का आसमान को छूता है
उसी प्रकार गुरु के बराबर हो जाता है
तो उसी गुरु के सामने सीना तान कर खड़ा हो जाता है।
और कहता है कि आप मुझे मत मारिए
बरना अच्छा नहीं होगा।
गुरु झुका लेता है अपनी गर्दन और सोचता है
कि हे भगवान् कौन-सी कमी रह गई
मेरी तालीम में जो मैं इन्हें न सिखा पाया।
बेशक गुरु की जुवां न बोले,
लेकिन आंखें उनकी कह देती हैं
इक विद्यार्थी के लिए गुरु ही सर्वश्रेष्ठ सम्पत्ति है।

रंजना

प्रथम वर्ष

कुछ करना है, तो डट कर चल।
थोड़ा-सा दुनिया से हट कर चल।
लीक पर तो सभी चल लेते हैं।
कभी इतिहास को पलट कर चल।।
बिना काम के मुकाम कैसा?
बिना मेहनत के, दाम कैसा?
जब तक हासिल न हो मंजिल
तो राह में आराम कैसा?
अर्जुन सा तू निशाना रख।
मन में, न तू कोई बहाना रख।
लक्ष्य सामने हो अगर तो
बस उसी पर अपना ठिकाना रख।।
सोच मत, साकार कर।
अपने कर्मों से तू प्यार कर
मिलेगा तेरी मेहनत का फल
किसी और का तू न इन्तजार कर।।
अपनी राह में चले थे जो अकेले।
उनके पीछे आज है मेले।
जो करते रहे इंतजार
उनके जीवन में आज भी है झमेले ।।

नतीशा

तृतीय वर्ष

आत्मविश्वास

ये आसमां छिन गया तो क्या?
नया ढूँढ़ लेगे,
हम वो परिंदे नहीं जो
उड़ना छोड़ देगे।

मत पूछो, हौंसले हमारे
आज कितने विश्रब्ध हैं,
एक नई शुरुआत, नया आरंभ तय है...
माना अभी हम.....निःशब्द है।

ये पाशवर छूट गया तो क्या?
नया सागर ढूँढ़ लेंगे,
हम तो कश्तियां नहीं जो
तैरना छोड़ देंगे।।

कदम चलते रहेंगे....
जब तक श्वास है,
परिस्थिति से परे
स्वयं पर हमें विश्वास है,

एक रास्ता मिला नहीं तो
क्या नई राहें ढूँढ़ लेंगे,
हम वो मुसाफिर नहीं जो
चलना छोड़ देंगे।।

ख्वाबों को महकता रखते हैं,
हम मंजिलों से रास्ता रखते हैं,
नशा हमें हमारी फितरत का
हर हार करती है बुलंद....
इरादा जीत का।

ये मुकाम नहीं हासिल तो
क्या? नये ठिकाने ढूँढ़ लेंगे,
हम वो राय नहीं जो
अपनी तलाश छोड़ देंगे!!

नाम - तनिशा देवी

Himnoor

THE MAGAZINE 2024-25
HIMNOOR

SCIENCE
SECTION

EDITOR
PROF. SHASHI BALA

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FROM EDITOR'S PEN



"When you have a vision, you find yourself against the winds; when you have creativity, you make it beyond the common horizons; but when you have opportunity, you have paths to travel and realize all you envision and wish to create." It's my proud privilege to be part of our college magazine for this edition of the current session. This is the right place where dreams, talents, potentials, achievements and aspirations of students are reflected. Some of the inspiring ideas often start as crazy concepts and allowing these to express may possibly blossom them into something really useful. It plays an important role in developing the thinking abilities, innovative ideas, creativity, writing skills and compilation of the latest knowledge about science and technology.

We intend to bring the best out of our students through this venture. So, the collection of articles presented here will definitely help in enriching the knowledge and broadening the horizon of our students.

I would like to congratulate and thank all the contributors of the magazine for putting their heart and soul into it and making it a memorable document. In the end, I wish them good luck for new milestones to be achieved in their future life.

("It's better to be a man of value than a man of success.")

Shashi Bala
Editor
(Science Section)

THE ENIGMATIC UNIVERSE : UNVEILING DARK MATTER AND DARK ENERGY

Introduction:

The universe has always fascinated humanity, with its vast exposure, intricate complexity and mysterious nature. Despite centuries of astronomical discoveries, the universe still holds many secrets. Two of the most profound enigmas are dark matter and dark energy, which together comprise approximately 95% of the universe's mass-energy density.

What is DARK MATTER?

Dark matter is an invisible, non-luminous form of matter that doesn't emit, absorb or reflect light. It was first proposed by Swiss astrophysicist Fritz Zwicky in the 1930's to explain the unexpected behaviour of galaxy clusters. Dark matter's presence is inferred through its gravitational effects on visible matter.

Properties:

- * Account for 27% of the universe's mass-energy density.
- * Invisible, non-luminous matter.
- * Affects galaxy rotation curves and large scale structure.
- * Detection methods: gravitational lensing, galaxy rotation curves, cosmic microwave radiation.

Theories: WIMP, Anion, Sterile neutrino.

What is DARK ENERGY?

Dark energy is a mysterious component driving the accelerating expansion of the universe. Discovered in 1998, dark energy's nature remains unknown.

Properties:

- * Constitutes 68% of the universe's mass-energy density.
- * Drives the accelerating expansion of the universe.
- * Exhibits negative pressure.
- * Detection methods: Supernovae observations, baryon acoustic oscillations, cosmic microwave radiation.

*Kanika Rana (22PCH006)
B.Sc. 3rd Year*

ASTRAL PROJECTION : An-out-of-body-experience

Astral projection is a spiritual practice that involves intentionally leaving the physical body while meditating or sleeping.

In psychology, out-of-body-experiences are viewed as experiences that are similar to dream or altered states of consciousness. They can also be explained by hallucinations, delusions or vivid dreams.

The idea that humans can leave their bodies during dream state is ancient. Countless people, from New Agers to shamans around the world, believe that it is possible to commune with cosmic intelligence through visions and vivid dreams. The idea comes from

a 19th century mystical system called "THEOSOPHY" which claims that we have seven bodies from the lowest physical to the highest spiritual and mental bodies, the third of them is "Astral Body".

In spite of this, there is no scientific evidence that there is a consciousness whose embodied functions are separate from neural activity or that one can consciously leave the body and make observation of the physical universe. As a result, astral projection has been characterized as a pseudoscience.



*Ishita Verma (22PCH003)
B.Sc. 3rd Year*

CAUSES OF CLIMATE CHANGE ON US

Climate change is pushing our planet toward dangerous turning points - moments where small changes cause huge & unstoppable effects. For example, the ice in the Arctic and Antarctica is melting much faster than before, making sea levels rise.

In the Arctic, frozen ground called permafrost is thawing, releasing massive amounts of methane gas, which heats up the earth even faster. The amazon rainforest, which used to absorb harmful gases, is so damaged it might soon release more carbon than it stores.

Our oceans are in trouble too. Warming waters and pollution are killing coral reefs, home to millions of sea creatures. Some scientists even warn we might lose most coral reefs within decades if nothing changes. Switching to clean energy, protecting forests and cutting pollution can help save the future.

*Shruti (23BSM005)
B.Sc. 2nd Year*

FACES IN COLLEGE

I see their confidence, Not over-suming
But not too shy and timid
Their socialization sounds healthy
Not extreme nor conceited in character

A bit classy but not social climber
have nice camaraderie and cool friendships
having sense of loyalty in their college
Proud to their tan-trums with high spirit.

Some having love life, but serious in studies
Some are close to their classmates
And know how to handle and bring up in their
stances

I wish everyone enjoy their college life
and graduate with soulful experience
and as a fulfilled student.

*Diya Singh Thakur (22PHY013)
B.Sc. 3rd Year*

NANO TECHNOLOGY IS SMALL BUT, MIGHTY

Yes, nano technology is small but mighty because it's a field that uses nanometer-sized particles to create new materials with many benefits :

Improved Materials: Nano technology creates materials that are stronger, lighter, more durable and better electronic conductors.

New Applications : Nano technology has applications in many fields including:

- Healthcare: It has improved medical imaging, drug delivery system and DNA sequencing.
- Agriculture: It can help to reduce pesticides use.
- Electronics: It improves the conductivity, strength and durability of electronic devices like smart phones, laptops and televisions.

Sustainable Development: It can help improve energy efficiency, water purification, and environmental remediation.

Surface Area: Nanoscale materials have a higher surface area-to-volume ratio than bulk materials, w h i c h can speed up chemical reactions.

Nano technology combines molecules chemistry, physics and engineering to design, produce and use these particles. The potential of nano technology is so great that governments have invested billions of dollars in research.

*Chandini(23BCS006)
B.Sc. 2nd Year*

SOCIAL MEDIA

Social media is a tool that is becoming quite popular these days because of its user-friendly features. Social media platforms like Facebook, Instagram, Twitter and more are giving people a chance to connect with each other across distances. Like how there are always two sides to a coin, the same goes for social media.

When we look at the positive aspect of social media, we find numerous advantages. The most important being a great device for education. Further more, as more and more people distancing themselves from newspapers, they are depending on social media for news. In addition, it strengthens bond with your loved ones, you can easily communicate with your friends and relatives overseas. Despite having such unique advantages, social media is considered to be one of the most harmful elements of society. It is harmful because it invades your privacy like never before. The over sharing happening on social media makes children a target for predators and hackers. Social media also creates communal rifts. Fake news is spread with the use of it, which poisons the mind of peace-loving citizens. So, we must strive to live a satisfying life with the right balance.

Payal (22PHY020)
B.Sc. 3rd Year

* * * * *

GRAVITY : A MISCONCEPTION OF ATTRACTION

In this, we explore the true nature of gravity and dispel the common misconception of it being a common attraction, instead gravity is a result of curvature of space time.

Let's take an example, imagine you're in swimming pool or swimming in ocean and you noticed that you're pulled in a certain direction. You might think that there's an invisible force that pulling you, but the reality is that water's surface is curved due to ocean floor's shape, causing the water pull.

Similarly, gravity is the result of the curvature of space-time. Space time is a mathematical concept that combines space and time into 4-dimensional "fabric" that governs the behaviour of object. When an object with mass, like Earth, it affecting the path of other objects.

I'd also like mention the famous Thought Experiment by Albert Einstein:

"Imagine taking a large ball, such as the Earth and 'inflating' it to the size of observable universe", Einstein said, "In this situation, the curvature of space around the ball would be so slight that objects could travel near the edge, barely affected by overall curvature".

In conclusion, re-imaging gravity as an affect of curvature of "spacetime" and not just an attractive force.

Now, the final or most interesting question is "Why nothing falls down, Earth is rising UP".

Let's takes an example of Egg. Now, we know about gravity, when you drop an egg, it seems like the egg is falling down, but in reality, the Earth is pulling the egg or any object towards its surface. At the same time, the egg also pulls the Earth slightly upward, but this movement is so tiny and we can't notice it because the Earth is much larger and heavier than egg.

The interaction is due to Newton's law of gravitation. The stronger the universal mass, the stronger the pull.

In simple terms, the egg or any object doesn't just fall - both the object and earth move towards each other. This show that gravity is an effect of curvature of spacetime, no matter what the size of the object and gravity is just not an force.

Ayush Koundal (22PHY034)
B.Sc. 3rd Year

TIME STRATEGY FOR BUSY STUDENTS

- * For many students, balancing academics, extra-curricular activities, work and personal life can be overwhelming. Effective time management is essential to help students stay on top of their responsibilities and reduce stress.
- * Start by making to do list all assignments, projects and responsibilities. Once everything is written down, decide which tasks are most urgent and need to be completed first.
- * A well-organized schedule can help students allocate time to specific activities. Breaking study sessions into blocks can help maintain focus and prevent burnout.
- * Focusing on one task at a time is more effective.
- * Break large tasks into smaller, manageable parts. Students can create a quiet study environment, turn off phone notifications and avoid social media while working on assignments.
- * At the end of each week, students should take a moment to reflect on how their time was spent.
- * Regularly reviewing progress can help students adjust their time management strategies for better results in the future.

*Bhumika Sharma (23BSM001)
B.Sc. 2nd Year*

THE MILKY WAY GALAXY

The milky way is huge collection of stars, and dust and gas. It's called a spiral galaxy because if you view it from the top or bottom, it would look like a spinning pinwheel. The Sun is located on one of the spiral arms, about 25000 light years away from the center of the galaxy. Even if you could travel at the speed of light, it would take you about 25000 years to reach the middle of the milky way.

The milky way gets its name from a Greek myth about the goddess Hera who sprayed milk across the sky. In other parts of the world, our galaxy goes by other names. In China it is called the "Silver River" and in the Kalahari Dessert in Southern Africa, it is called the "Backbone of Night".

*Mohit (22PHY019)
B.Sc. 3rd Year*

INTELLIGENT FASTING

The intermittent fasting has a similar or even modest benefits over traditional calorie-restriction dieting for weight loss. The idea behind intermittent fasting is that by restricting food our bodies will more quickly and efficiently tap our fat stores for energy. Intermittent fasting works by prolonging the period when your body has burned throughout the calories consumed during your fast meal and begins burning fat. The goal is to systematically starve the body long enough to trigger fat burning while research is still under way and the method may not be suitable for everyone there is evidence that when done correctly intermittent fasting can help lose weight, lower blood pressure and cholesterol, prevent or control diabetes and improve brain health. The best hours for intermittent fasting include the 16/8 or 14/10 periods. For intermittent fasting combined with balanced meals that provide good nutrition. It is important to stay hydrated and know your physical limits while fasting. Over reacting after fast, especially of unhealthy foods must be avoided.

*Vikas Dhiman
B.Sc. 2nd Year*

THE RISE OF ARTIFICIAL INTELLIGENCE

The rise of AI is transformation industries from healthcare to creativity, enhancing human capabilities. In healthcare, AI could personalize treatments and predict disease. In education, AI will provide tailored learning experiences. In creativity AI serves as a collaborator, not a replacement. In the workplace, automation will free up humans for complex tasks. AI will also play a key role in sustainability, optimizing energy use. However, ethical concerns about privacy and bios remains critical as AI evolves.

*Mehak Rana (22BCS031)
B.Sc. 3rd Year*

THE IMPACT OF PLASTIC POLLUTION

Plastic pollution has severe environmental, health and economic impacts:

* **Environmental Impacts:**

- *Ocean pollution* : 8 million tons of plastic waste enter oceans annually, harming marine life.
- *Water pollution* : Plastic contaminates rivers, lakes and ground water.
- *Soil pollution* : Microplastic affect soil quality and fertility.

* **Health Impacts:**

- *Microplastic in food chain* : Humans consumes microplastics through seafood and drinking water.
- *Chemical Contamination* : Plastics each toxic chemical harming human's health.
- *Cancer Risk* : Exposure to plastic chemicals increases cancer risk.

* **Economic Impacts :**

- *Marine debris*: Costs fisheries and tourism industries billions annually.
- *Waste Management*: Plastic waste disposal costs governments millions.
- *Health Costs*: Plastic-related health issues burden healthcare systems.
- *Lost resources*: Plastic waste equals lost resources and opportunities.

* **Statistics:**

- 1 trillion plastic bags used annually.
- 500 billion plastic straws used annually.
- 80% of ocean pollution comes from land-based activities.
- 1,00,000 marine animals killed by plastic debris annually.

* **Solutions:**

- Reduce plastics use.
- Increase recycling and proper waste disposal.
- Implement extended producer responsibility.
- Promote sustainable packaging.
- Educate and raise awareness.
- Encourage circular economy practices.

Together, we can mitigate the impact of plastic pollution.

Shruti Choudhary (23PHY005)
B.Sc. 2nd Year

HARD-WORK AND SUCCESS

It has been proven in history that someone who has truly worked hard will definitely reach the height of success. They might cross the hurdles and face failures but will reach the height. A person who sits back and relaxes throughout the day thinking of being rich one day, will never be successful. To achieve your dreams, you need to work hard and be determined and focused on your path. A man is like steel; if you use it, then it shines; and if you let it rest, then it rusts. If you have truly worked hard, then it will definitely pay off and you will definitely enjoy your success. So, understanding that hard work is the ultimate key to success would be your first step in achieving your goal.

Ganesh Lal (22PCH004)
B.Sc. 3rd Year

POLLUTION AND HEALTH

In the modern world environment pollution has become a concerning issue as it has been causing a lot of health problems not only among human but also among animals. Due to industrial revolution from the late 20th century, the environment pollution has been seen that the pollution is increasing day by day.

We can classify pollution in many categories such as soil pollution, air pollution, water pollution etc. In the 21st century technological development in every field is given priority but on the other hand people are ruining the environment at the same time to fulfil their personal needs. People need conscious to save or protect our environment for future generation.

Muskan Choudhary (24BSH012)
B.Sc. 1st Year

DARK MATTER AND DARK ENERGY : Unseen forces of the Universe

The universe is composed of approximately 95% dark matter and dark energy, yet these mysterious entities remain invisible to our eyes. They shape the Cosmos, influencing galaxy formation, gravitational waves and the expansion of space itself.

Dark Matter : Dark matter accounts for 27% of the universe's mass energy density. It's an invisible substance that :

- Affects galaxy rotation curves
- Causes gravitational lensing

Theories : Weakly interacting massive particles (WTMPS)

- Axions
- Sterile neutrinos

Detection methods :

- Direct detect (LUX-ZEPLIN)
- Indirect detection (fermi Gamma-Ray space telescope)

Dark Energy: It comprises 68% of the universe's mass energy density. It's a mysterious force driving:

- Accelerating universe expansion.
- Cosmic microwave background radiation.

Theories:

- Vacuum energy
- Quintessence
- Phantom energy

Detection methods:

- Supernovae observation
- Baryon acoustic oscillation

Current Research:

- Large Hadron collider (LHC) searches
- Dark energy survey (DES) and future surveys.
- Simulation and Theoretical methods.

Resources:

- NASA's Dark energy and Dark matter pages.
- CERN's Dark matter and Dark energy research.

Sumit Shukla (BSC007)
B.Sc. 2nd Year

THE PSYCHOLOGY OF DECISION MAKING : Uncovering the secrets of our choices

Decision making is a complex process influenced by cognitive biases, emotions, social pressures and personal values. Our brains use two systems : One (intuition) and System Two (Reasoning). While system provides quick, automatic responses, system 2 involves deliberate, effortful thinking.

Cognitive Biases: Notable biases include:

- Confirmation Bias : Seeking information that confirms pre-existing beliefs.
- Anchoring Effect : Relying too heavily on initial information.

Emotions and Social Influences: Emotions guide choices through the Affect Heuristic, while social pressures shape decisions.

Strategies for better decision making:

1. Recognize Biases: Counteract cognitive biases.
2. Weigh pros and cons: Evaluate options systematically.
3. Seek diverse perspectives : Encourage opposing view points.
4. Mindfulness and Reflection: Engage in thoughtful contemplation.

Conclusion:

Understanding decision-making psychology improves our choices. By acknowledging biases, emotions and social influences, we refine decision-making skills. Adopting strategies to overcome biases cultivates mindful decision making.

Krishma Sharma (23PCH027)
B.Sc. 2nd Year

JOKES ON NEWTON

Albert Einstein, Issac Newton and Pascal are playing hide and seek.

Einstein has to be the seeker. He starts counting down from 10.

Pascal hides in a bush hereby, but Newton remains in plain sight. He draw a square with an area of 1m^2 and stays in it.

Einstein countdown ends 3...2...1...

He turns around and sees Issac Newton in Plain Sight. He tells him.

"Ha Ha found you, Newton!"

Newton responds while nodding:

"You didn't find me, because $1\text{N}/\text{m}^2 = 1\text{ Pascal}$

Arun Manhas (23BSM063)
B.Sc. 1st Year

C.V. RAMAN

The Raman effect, discovered by Indian Physicist Sir C.V. Raman revolutionized the field of Physics and put India on the global scientific map. Raman's Pioneering work not only earned him the Noble Prize in Physics in 1930 but also paved the way for significant advancement in material science, chemistry and optics. Sir C.V. Raman's contribution to Indian Academy of Sciences, Fostering research in Physics and Chemistry and mentoring renowned scientists like Vikram Sarabhai and Homi Bhaba.



What is Raman effect?

The Roman effect, is a phenomenon in physics where light scattering changes wavelength due to interactions with molecules.

Discovery: This effect was discovered in 1932 while studying the scattering of light by gases.

Principle: When light passes through a material some photons interact with molecules, transferring energy and changing wavelength. This scattered light, known as Raman Scattering, provides information about molecular structure and composition.

Vansh Kumar (23BSM039)
B.Sc. 2nd Year

YOUTH AND SUSTAINABILITY

The youth play a vital role in shaping a sustainable future. With their energy and adaptability, they can champion eco-friendly practices and inspire change. College campuses are ideal spaces to promote sustainability through initiatives like waste reduction, tree planting and skills, young people can spread awareness globally and advocate for policies addressing climate change. Sustainability is not just about conserving resources but ensuring a better future for all. When the youth integrate these values into their daily lives, they create a powerful movement, proving that small actions can lead to significant, lasting change.

Mandeep Kour (22BSM059)
B.Sc. 3rd Year

CANCER RESEARCH

Cancer research is a vital and fascinating field that aims to understand the complexities of cancer development effective treatments and improve patient outcomes. Here are some potential subtopics within cancer research.

1. Cancer Biology: Study the underlying mechanisms of cancer development, including cell signaling, genetics and epigenesis.
2. Cancer Stem Cells: Investigate the role of stem cancer in cancer initiation, progression and metastasis.
3. Tumor Micro environment: Examine the interactions b/w cancer cells and their surrounding environment, including immune cells, rasculture and extracellular matrix.
4. Immunotherapy: Explore ways to harness the immune system to target and eliminate cancer cells.
5. Cancer Epidemiology : Study the incidence, prevalence and distribution of cancer across population. Some potential research questions in cancer research include:
 1. What are the key genetic mutations that drive cancer development?
 2. How do cancer cells evade the immune system?
 3. Can we develop personalized therapies based in individual patient characteristics.

Tanya (23BCS003)
B.Sc. 2nd Year

CYBER SECURITY THREAT AND SAFETY

Cyber security threats are becoming increasingly sophisticated, posing serious risks to individuals, businesses and governments. Common threats include phishing attacks where cyber criminals trick users into revealing personal information via fraudulent emails or websites. Malware and ransomware are also significant risks with malware designed to damage or steal data and ransomware locking users out of their systems until a ransom is paid. Hacking attempts to exploit system vulnerabilities, gaining unauthorized access to sensitive data.

To protect against these threats, it's essential to adopt basic cyber security practices. Use strong, unique passwords for each account and enable multi-factor authentication (MFA), which adds an extra



layer of protection. Regularly update software to patch vulnerabilities and prevent exploitation by firewall act as crucial defense, detecting and blocking

malicious activities before they can harm your system. Additionally, always be cautious of suspicious e-mails or links - avoid clicking on unknown sources. Data backup is another important practice, ensuring that even if your system is compromised, your files can be recovered. By educating yourself on potential threats and staying informed about the latest security measures, you can greatly reduce the risk of falling victim to cyber crime and ensure your online safety.

Sahil(23BCM014)
B.Sc. 2nd Year

NEVER STOP LEARNING

On this, your graduation day
all stand and give cheer
to honor you for all the work
You've done to get you here.

As we rise and give applause
be sure you don't forget
that learning is not over
as you future plans are met.

May you always be a listener
and learn from all you meet
always keep a student's spirit
and you life will be complete...

Smile (22BSM007)
B.Sc. 3rd Year

SCIENCE AND TECHNOLOGY

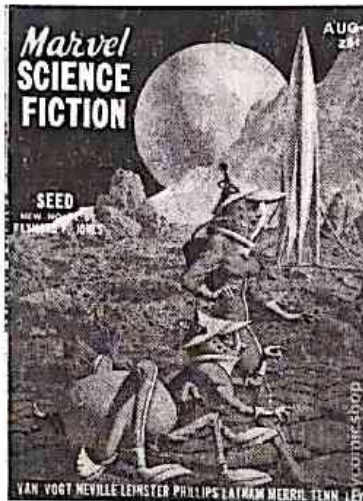
- Science means knowledge. Galileo Galilee is synonymous of science.
- Technology means the application of science.
- The first scientific tool was spears and needles.
- Advancement in every sphere of our lives is the effect of science and technology.
- Without science and technology, we would still be living in the stone age.
- We avail several benefits provided to us by science and technology.
- It has provided us with a comfortable lifestyle.
- At the same time, it makes our lives very mechanical.
- Despite some disadvantages of science and technology, the human race is highly dependent on them for survival.

Shreya (23PCH014)
B.Sc. 2nd Year

THE MULTIVERSE IN SCIENCE FICTION : EXPANDING BEYOND OUR UNIVERSE

The concept of the multiverse has captivated the imagination of science fiction writers for decades, offering a limitless playground for exploring alternate realities, parallel worlds and the consequences of different choices. In science fiction, the multiverse often acts as a way to stretch the boundaries of possibility, creating vast, interconnected worlds where anything is possible.

One of the most famous portrayals of the multiverse in science fiction is Marvel Comics, "Multiverse Saga", where parallel universes coexist with the main Marvel universe, where characters like Spider-Man and The Avengers



meet alternate versions of themselves, leading to epic crossovers, similarly in "Doctor Who", the doctor explores alternate timelines and worlds posing "What if" scenarios. Movies like "The Matrix" and "Inception" question the nature of reality, while Rick and Morty takes the multiverse concept to an absurd extreme, with each version of the characters existing in wildly different universes.

By expanding the concept of reality beyond a single universe, science fiction not only entertains but also forces us to reconsider the nature of existence, identity and choices. The multiverse in these stories often symbolizes the infinite possibilities of human experience, making it one of the most existing and thought-provoking themes in modern fiction.

Deja Vu : feeling that you've experienced something before, even though it's happening for the first time. It's like a glitch in your brain where current events seem familiar.

THE WONDERS OF SCIENCE

Science is the cornerstone of progress, shaping our world and improving lives. From discovering electricity to developing life-saving vaccines, science has transformed how we live, work and communicate.

Today, science addresses global challenges like climate change and health crises.

Innovations in renewable energy and medicine showcase its power to solve problems and improve our future.

Beyond practicality, science inspires curiosity. It encourages us to ask questions, explore possibilities and innovate. As Carl Sagan said, "somewhere, something incredible is waiting to be known."

"Let us embrace science and contribute to a better tomorrow."

*Sneha(23BCS008)
B.Sc. 2nd Year*

UNLOCKING THE SECRETS OF BLACK HOLE

Black holes are mysterious objects in space with some fascinating secrets. At the centre of a black hole is a singularity, where gravity is so strong that it bends space and time, making it hard for us to understand. Surrounding the black hole is the event horizon, a boundary beyond which nothing, not even light can escape. This is why black holes are invisible. As you get closer to a black hole time slows



down, which means time passes differently near it compared to farther away. A big puzzle is the information paradox, where scientists wonder if anything that falls into a Black Hole is lost forever, even though quantum mechanics says information should never disappear.

In 1974, Physics Stephen Hawking proposed that black holes slowly lose mass over time through Hawking radiation, which might cause them to eventually disappear, when two black holes collide, they merge and create powerful gravitational waves that can be detected by special instruments. Most galaxies, including our own, have a supermassive black hole at their centre, we don't fully understand how these giant black holes form and grow. Black holes may help shape galaxy evolution.

In 2019, Scientist took the first ever photo of a black hole's shadow, showing what it looks like and giving us clues about how they work. Despite all the progress, black holes still hold many mysteries that scientists are eager to solve.

Kavya(23PHY002)
B.Sc. 2nd Year

THE BEST BUDGET FRIENDLY TRAVEL DESTINATIONS IN INDIA

India has a mosaic of enchanting hill stations, magnificent architecture and monuments, picturesque beaches and enchanting backwaters. India has always been famous for its hospitality services. Our guests are considered as 'God' and tourists feel quite safe in India. There are some budget friendly travel destinations of India:

1. Kasol : It goes without saying that Kasol is the best tourist destination if hills and valleys are your things. This is, firstly because it is untouched by crowd. Secondly, it is one of the cheapest destinations in India. Parvati Pass and Kheer Ganga are two exciting trekking trails in this town.
2. Hampi : If you are interested in ancient buildings and architecture, head to Hampi in Belaur. It is one of the best places to visit in India with friends in low budget. Vithala Temple, Virupaksha Temple and Nandi Statue are some of the smaller and larger structures, temples and statues in Hampi.
3. Udaipur : The city of lakes and places, is in fact one of the low budget tourist places in India. The magnificent City Palace, Lake Pichola, Jagdish Temple, Jagmandir and Rajsamand Lake are all must-sees in this city. Having dinner by the lake under the starry sky will remain one of your most memorable experiences.
4. Gokarna : In the case, we recommend taking a flight to Goa and then heading to Gokarna, about 140km away. Gokarna offers some of the most beautiful and untouched beaches in India. Half Moon Beach, Paradise Beach and Om Beach all offer beautiful beaches to relax by.

Bhumika (23BSM046)
B.Sc. 2nd Year

SCIENCE AND SPIRITUALITY

The road to science and spirituality are opposite but we should trend both. The connection between science and spirituality is a complex and multifaceted one. While there are certainly differences between the two fields, they also share a deep underlying commitment to understand the nature of reality and our place within it. Most of us tend to confuse spirituality with religion. Religion is based on scriptures certain techniques has limits, has rules and law prescribed. Whereas, spirituality is an experience. **Adhyatm** consists of two words "Adhi" and "Atman" which simply means pertaining to soul. Spirituality is about integrity. It is the science of human growth for self transformation and also for world transformation through peace and purity. It is the "process of balance between Dharma and Karma". Spirituality is pions, it keeps us moving in positive direction, being our own teacher and guide in the process of life.

Whereas when we talk about science, it not only brings true knowledge, factual knowledge with logic and evidences. It has more rational approach. It is a work of logic and proofs. From the cosmos to shape of the Earth, time, light as well as life, all are scientific discovery with proven facts.

As our understanding of both fields has grown, it has become clear that there are significant connections between them. One of way in which spirituality and science intersect is through their shared emphasis on the importance of imperial evidence. The other way is through the exploration of the nature of reality. It is clear that both spirituality and science have a vital role to play in our place within it.

In a nutshell, to meet the crisis of humanity, the coordination of science and spirituality is inevitable.

In today's world, in the race of success, progress, in race of developed personality sustainable development is the need of the hour and this is possible only with the coordination of science and spirituality.

Hence, "Science is not only compatible with spirituality; it is a profound source of spirituality"

Shamli(23BSM045)

B.Sc. 2nd Year

THE FUTURE OF ENTERTAINMENT : Virtual Reality

Virtual reality (VR) is revolutionizing the entertainment industry, offering immersive experiences that transport users to new dimensions. Here are the key trends of future of entertainment :

KEY TRENDS :

1. **Immersive Storytelling** : VR enables creators to craft engaging narrative that surround the viewer.
2. **Interactive Experiences** : Users can influence the story, creating a dynamic and personalized experience.
3. **Social VR** : Shared virtual environments enable social interactions, redefining communal entertainment.

APPLICATIONS:

1. **Gaming** : VR Gaming offers unparalleled immersion with popular titles like Beat Saber and Job simulator.
2. **Movies and TV** : VR cinema experiences, like Big screen and VR Cinema, allows users to watch content in virtual theaters.

Minakshi(23BSM011)

B.Sc. 2nd Year

मित्रता



एक दी जिन्दगी ऐसे मुकाम पर पहुँच जाएगी ।
दोस्ती तो सिर्फ यादों में रह जाएगी ।
हर बात दोस्तों की याद दिलाएगी ।
और हँसते हँसते फिर आँख नाम हो जाएगी ।
ऑफिस के रूम में क्लासरूम नजर आएगी ।
पैसे तो बहुत होंगे, लेकिन खर्चा करने के लम्हे काम हो जायेंगे ।
जी लेंगे खुल के इस पल को मेरे दोस्त ।
क्यूँकि जिन्दगी इस पल को फिर से नहीं दोहराएगी ।

Smile (22BSM007)

B.Sc. 3rd Year

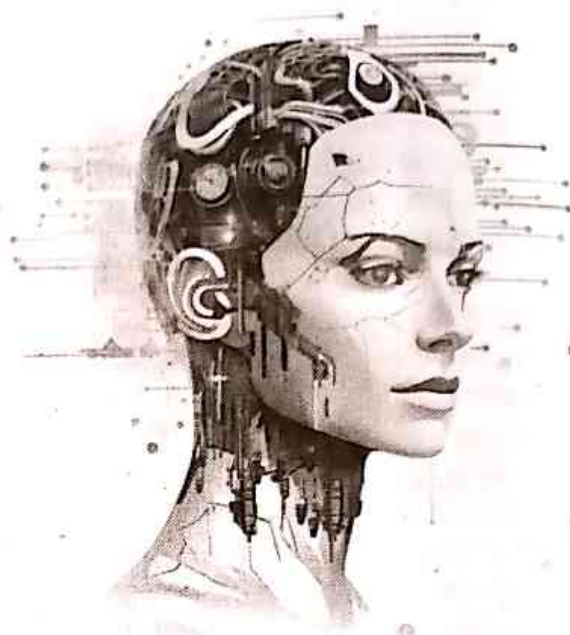
MISUSING AI IN INDIA : Understanding the challenges of Responsible use

In India, AI is often used in harmful ways, like making fake videos as changing images, especially of women. Many people don't understand the risks of AI because of low digital knowledge. This lack of understanding leads to using AI for bad purposes, like creating fake or inappropriate content for attention or money.

Another problem is that the laws in India are not strong enough to stop these bad uses of AI. While there are some rules against cyber crimes, they do not keep up with how fast AI technology is growing. Without clear laws, people can misuse AI without fear of getting punished.

Cultural issues also play a role. Some people use AI to take advantage of the theirs, especially women, for their benefit. The pressure to get attention on social media can make people choose harmful ways to use AI.

To stop this misuse, India needs better education about AI, stronger laws and more awareness of how AI should be used. Without these changes, AI will keep being used for harmful reasons instead of helping society.



*Rahul Choudhary (22BCS003)
B.Sc. 3rd Year*

RIDDLES

- | | |
|--|---------------|
| 1. I'm not alive, but I grow. I don't have lungs, but I need air. What am I? | (Fire) |
| 2. I fly without wings. I cry without eyes. Whenever I go, darkness flies. What am I? | (A Cloud) |
| 3. What can travel around the world while staying in the corner. | (A Stamp) |
| 4. What belongs to you but others use it more than you do? | (Your name) |
| 5. I am a bond that can't be seen, tighter than the strongest seam. I hold the world together so tight, yet I'm invisible to the sight, what am I? | (Gravity) |
| 6. I'm the brain's electrical storm, a sudden rush, an unformed sword. What am I? | (A thought) |
| 7. What's harder to catch the faster you run? | (Your breath) |
| 8. I speak without a mouth and hear without ears. I have no body, but I come alive with the wind. What am I? | (An Echo) |
| 9. When the sun of the water returns to parent, it dies. What is it? | (Ice) |
| 10. I'm sometimes full, but I never overflow. What am I? | (Moon) |

*Vinakshi Pathania (22BSM005)
B.Sc. 3rd Year*

THE INTERNET OF THINGS REVOLUTION IN DAILY LIFE

Internet of Things (IOT) is a new paradigm that has changed the traditional way of living into a high tech life style, smart city, smart homes, pollution control, Energy saving, smart transformation, smart industries are such transformation due to IOT.

Now the internet of Things (IOT) is a part of almost every modern business conversation. IOT is progressively becoming an important aspect of our life that can be sensed everywhere around us. Extensive research studies has been done and available in terms of scientific articles and reports.

Research company Garnier has shown a report that 18.8 billion connected to IOT devices are expected to be in use by the end of 2024.

Another important achievement of IOT is smart health sensing system (SHSS). Smart health sensing system incorporates small intelligent equipment and devices to support the health of the human being. These devices can be used to monitor the different health issues and fitness level. Also it is being used to monitor the critical health conditions in hospitals.

Another important aspect of our life is transformation IOT has brought up some new advancements to make it more efficient, comfortable and reliable.

Intelligent sensors, dione devices are now controlling the traffic at different signalized intersections across major cities. In addition, vehicles are being launched in markets with pre-installed sensing devices that are able to sense the upcoming heavy traffic congestion on the map and may suggest you a another route with low traffic congestion. IOT has also shown its importance and potential in the economic and industrial growth of developing region. Therefore IOT has a lot of serve in various aspects of life and technology. IOT has a lot of scope both in terms of technology enhancement and faciliate the human kind.

Kirti (23PCH002)

B.Sc. 2nd Year

THE BEST TV SHOWS AND MOVIES FOR COLLEGE STUDENTS

1. **Our Planet:** A visually stunning documentary series about the natural world, highlighting environmental issues. Available on : **Netflix**
2. **Genius:** This dramatized documentary-style series showcases some of the world's most brilliant innovators. Each season is dedicated to a different pioneer in their field-diving into their lives, struggle and well-genius. Available on : **Disney +**
3. **Zion:** Zion is a short film by Floyd Russ about a teenager Zion Clark who has born without legs and has lived in forster care for years. It is an inspiring story of a wrestling despite all the odds. Available on: **Netflix**
4. **Abstract: The Art of Design**
A documentary series that focuses on the art and science of design. Available on: **Netflix**

Rakhi Devi (23BSH008)

B.Sc. 2nd Year

THE MYSTERY OF CONSCIOUSNESS

Consciousness, the essence of human existence, remains one of science's greatest mysteries. This intricate phenomenon encompasses our subjective experience, perception and awareness of surrounding. Despite significant advancements in neuroscience, philosophy and psychology. Consciousness fundamental mechanism continue to elude us. Unraveling consciousness mysteries could revolutionize artificial intelligence, enhance neuroscience and psychology and inform treatments for neurological disorders.

The mystery of consciousness serve as a reminder of the complexities and wonders of human existence. Its resolution has the potential to transform our understanding of reality, inspiring new discoveries and perspectives. As we dive delve deeper into the enigma. We may uncover truths that challenge our current understanding and proper humanity forward. Ultimately consciousness remains an enigmatic puzzle, challenging scholars to rethink reality.

Payal (23PCH020) B.Sc. 2nd Year

ARTIFICIAL INTELLIGENCE THE NEXT FRONTIER

In the realm of technology, 2024 is becoming not just an evolution but a revolution- a transformative era where artificial intelligence transcends boundaries, reshaping the way we live, work & innovate. As we stand on brink of this artificial intelligence revolution, lets embark on a journey to uncover the enticing possibilities and paradigm shifts that await us.

Artificial intelligence and ideation have become increasingly popular over recent years as some of the best technologies can assist in revolutionizing organizations worldwide. A field where a intelligence and ideation have shown to be a favourite is innovation. By showcasing can help stay one step ahead by performing innovative processes.

So, how does artificial intelligence affect innovation?

Artificial intelligence can improve innovation by generating new ideas, evaluating new ideas, conducting analysis, improving the decision making process, assessing risks and much more!

Rashita Pathania (23BSH015)
B.Sc. 2nd Year

BERMUDA TRIANGLE

The Bermuda Triangle, who is also known as devils Triangle, is a loosely defined region in the western part of the North Atlantic Ocean. It is famous for a no. of aircrafts and ships allegedly disappearing under mysterious circumstances. It is roughly bounded by Miami, Bermuda and San Juan forming a triangle over ocean.

Numerous unexplained incidents have been reported such as Flight 19 (1945), USS cyclops (1918) and various private planes and boats have vanished without a trace. There are several plausible explanations such as Human error, weather conditions, magnetic anomalies, methane gas hydrates and paranormal theories. Many experts argue that the Bermuda triangle is no more dangerous than other parts of the ocean.

Some hypothesize that a parallel universe exists in the Bermuda triangle region causing a time wrap that sucks the objects around it into a parallel universe.



Mannat (24BSM009)
B.Sc. 1st Year

THE SCIENCE & HUMAN HAPPINESS

Science leads us to comfort and happiness. It has given us electricity which is very useful in our daily life. It does a lot of useful works and serves us in many ways. Science has greatly increased human happiness.. It has conquered distance. It has made travelling very comfortable. Telephones and mobiles are a source of convenience and ease. T.V. are a source of recreation. They give us current news of the world. They enhance our knowledge.

Machines have saved us from unnecessary toil. They have saved time and energy. They do all kinds of work for us. The work that was used to be done by hands in the past is now being done by machines. Agriculture has undergone a radial change. Scientists have lessened human pain and misery inventing X-Ray, radium, Sulpha drugs and plastic surgeries. Science has removed the age old ideas and superstitions and has taught us how to look at things scientifically. It has taught superstitions are all wrong because it was not supported by scientific agreement and observation. The science made our life very easy and comfortable.

Shruti Devi (23PHY006)
B.Sc. 2nd Year

NSS ACTIVITIES



NCC CADETS IN ACTION



CSCA FUNCTION "UMANG"



TALENT HUNT FUNCTION 'AAGAAZ'



THE MAGAZINE 2024-25

HIMNOOR

MATHEMATICS SECTION

EDITOR

DR. SOHAN KUMAR

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FROM EDITOR'S PEN



As the editor of the Math's section in a magazine, my mission is to transform the often daunting subject of Mathematics into a realm of discovery, creativity and application. This role is more than curating equations or puzzles; it is about connecting mathematical concepts with the world around us, bridging the gap between abstract theory and everyday life.

The math's section must resonate with diverse readers, from curious beginners to seasoned enthusiasts. To achieve this, I balance articles on fundamental concepts with deep dives into advanced theories, ensuring inclusivity and broad appeal.

In conclusion, as the math's section editor, my role is to ignite curiosity build understanding and foster a lifelong appreciation for mathematics. It's a journey of transforming equations into explorations, theories into tools, and ultimately, readers into lovers of math's.

Dr. Sohan Kumar
(Department of Mathematics)

MATHEMATICS IN NATURE : THE FIBONACCI SEQUENCE

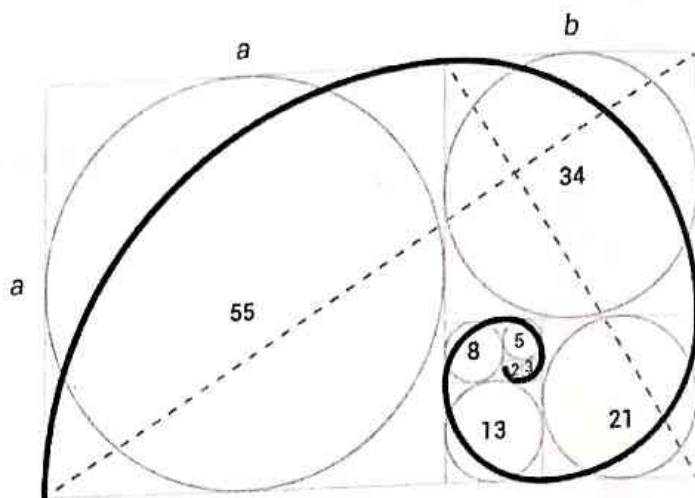
Explore the Fibonacci sequence and its prevalence in nature from the arrangement of leaves to the patterns of pinecones and sunflower seeds. How this sequence appears in biological settings and its connection to the golden ratio.

Payal Pathania (21PHY011)
B.Sc. 3rd Year

MATHEMATICS IN ART : THE GOLDEN RATIO AND BEYOND

Explore how mathematical concepts like the golden ratio, symmetry and fractals have influenced art throughout history. Highlight famous work of art and architecture that incorporate these principles.

Payal Pathania (21PHY011)
B.Sc. 3rd Year



$$\frac{a+b}{a} = \frac{a}{b} = \phi$$

THE ABEL PRIZE HONORING OUTSTANDING CONTRIBUTIONS IN MATHEMATICS

History of the Abel Prize:

The Abel Prize is named after the Norwegian mathematician Neils Henrik Abel (1802-1829), who made significant contributions to the fields of algebra and analysis. Abel's work had a profound impact on the development of mathematics, and his legacy continues to inspire mathematicians around the world.

The prize was established to honor Abel's memory and to recognize the achievements of mathematicians who have made significant contributions to the fields. The first Abel Prize was awarded in 2003 to Jean-Pierre Serre, a French mathematician who made groundbreaking contributions to algebraic geometry and number theory.

Conclusion:

The Abel Prize is a prestigious award that recognizes outstanding contributions in mathematics. The prize has been awarded to some of the most influential mathematicians of our time and it continues to inspire mathematicians around the world to pursue excellence in their field.

Pallavi Pathania (22PCH021)
B.Sc. Final year

MATH IN ART

Students interested in pursuing careers in theater, music, dance or art can benefit from basic mathematical knowledge. Music rhythm often follows complex mathematical series and math can help students learn the basic rhythm of dance used in ballet and theater performance. Art depends on geometry and students who understand basic geometric formulas can craft impressive art pieces.

Photographers use math to calculate shutter speed, focal length, lighting angles and exposure time. Mathematics is used to measure the structure of the body, blood pressure, the height, weight and temperature of the body.

Deepika (22BSM070)
B.Sc. Final year

THE POWER AND BEAUTY OF MATHEMATICS

Mathematics is both beautiful & powerful and it can be used to understand the world around us.

Beauty:

Mathematics can be beautiful because of its abstract patterns, structure, symmetry, purity, simplicity, depth and orderlines. Some mathematicians describe as an art form or a creative activity.

Power:

Mathematics is powerful because it can help us patterns, quantify relationship and predict the future. It can also provide elegant solutions to complex problems.

Connections to the World:

Mathematics is connected to world around us, and we can use the world to understand mathematics.

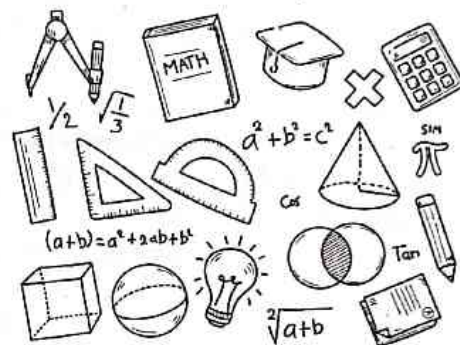
Example: Everyday math can show connections and possibility.

Pooja Devi (24BSM033)
B.Sc. Final year

MATH ABOUT ME

Numbers, Numbers all around,
Everywhere they can be found.
Numbers tell how old I am,
and how much people in my fem.
How much I weight and just how tell,
when I live, and that's not all!
Numbers are part of me,
money, time and history.
When to wake up and when to eat,
What size shoes to buy for my feet.
I don't where would be,
If numbers weren't a part for me!

Sunaina Mankotia (22PHY007)
B.Sc. Final year



MATHEMATICS

Mathematics, rightly viewed, possesses not only truth, but supreme beauty; a beauty cold and austere, like that of sculpture, without appeal to any part of our weaker nature, without the gorgeous trappings of painting or music, yet sublimely pure, and capable of a stern perfection such as only the greatest art can show. The true spirit of delight, the exaltation, the sense of being more than man, which is the touchstone of the highest excellence, is to be found in mathematics as surely as in poetry.

Neelakshi Thakur
B.Sc. Final year

THE HISTORY OF MATHEMATICS

Mathematics first arose from the practical need to measure time and to count. The earliest evidence of primitive forms of counting occurs in notched bones and scored pieces of wood and stone. Early uses of geometry are revealed in patterns found in ancient cave walls and pottery.

As civilizations arose in Asia and the near East, sophisticated number systems and basic knowledge of arithmetic, geometry and algebra began to develop.

Monika Thakur
B.Sc. 3rd Year

THE MAN WHO KNEW INFINITY

This is the story of a mathematical prodigy and his proclivity towards the subject despite having a life of poverty and neglect. His amazing ability to understand message and meaning lying in numbers and his genius and extraordinary brilliance in number theory and pattern of the number brought the focus of entire world towards India.

The effect that words have on a poet and emotions on a lyricist, was the same that the Principles of Mathematics had on S. Ramanujan. According to him - "Mathematics is not about numbers, equations, computation or algorithms; it is about understanding".

Let's begin the life story of this legendary being S. Ramanujan was a largely self-taught pure mathematician hindered by poverty and ill health. His highly original work has considerably enriched number theory. December 22nd is celebrated as National Mathematics Day as he was born on that day in 1887. He lived a short life of only 32 years as he died on 26 April 1920.

We can't control everything that happens to us. But we can control how we respond to things that we can't control. He is recognized as one of the greatest Mathematician of his time. He has no formal training in Maths. He used to always write

on a slate with chalk and when one of his friends asked him to write on paper.

He replied - "When food is the problem, how can I find money for paper? I may require four reams of paper every month. For him education was not just a preparation of life, education is life itself. It is said that the number 1-10,000 were his best "personal friends". He could effortlessly tell their factors, divisors, how the number can be split.

One time, G.H. Hardy was paying a visit to Ramanujan, who was ill and undergoing treatment. Hardy mentioned to him that he rode a taxi cab, whose number was 1729. Hardy said to Ramanujan, "The number seems to me rather a dull one" Ramanujan on his comment replied "No sir, this is the smallest number expressible as the sum of two cubes in 2 different ways $1729 = 1^3 + 12^3 = 9^3 + 10^3$

This number came to be known as Ramanujan number. One more interesting thing about Ramanujan is - he discovered so much, and yet he left so much in his garden for other people to discover.

"Success is not just a measure of how big you can dream it is also measure of how much you can do".

Vinakshi Pathania (22BSM005)
B.Sc. Final year

HISTORICAL FACTS ABOUT MATHEMATICS

Prehistoric Africans:

Used numbers to track time about 20,000 years ago.

The Rhind Papyrus:

The first textbook, written in 1650 BCE, that shows how ancient Egyptians solved arithmetic and geometric problems.

Babylonians:

The first known to create character for zero.

Pythagoras:

Developed his famous theorem about right triangles around 530 BCE.

Euclid:

Wrote elements, which is the basis for today's geometry textbooks.

India:

The idea of zero and its integration into the place-value system originated in India.

Ptolemy:

Compiled a star catalogue and the earliest surviving table of a trigonometric function.

Mathematical Symbols: Most mathematical symbols weren't invented until the 16th century.

Kanika Rana, B.Sc. 3rd year

SOME INTERESTING MATHEMATICAL FACTS

Zero: Zero is the only number that is neither positive nor negative, and it is not depicted in row numerals.

Odd numbers: Every odd numbers contain the letter "e".

Fibonacci Sequence: This sequence of numbers is found in nature such as in the number of petals of flower or the arrangement of pinecones.

Pi: The number Pi is used to measure circles, and it appears even when there are no circle involved. March 14th is a Pi day.

Smallest prime number: The smallest prime number is 2, because it has only two factors 1 and 2.

Golden Ratio: The golden ratio is a mathematical ratio that exists between two quantities, if their ratio is equal to the ratio of their sum to the larger quantity.

Multiplying 111,111,111 by 111,111,111

$$111,111,111 \times 111,111,111 \\ = 12345678987654321$$

*Smile (22BSM007)
B.Sc. 3rd Year*

WHAT WOULD A WORLD WITHOUT MATHEMATICS BE LIKE?

No Math's No Time :

- * Imagine living your day without a watch and a calendar.
- * Both the watch and the calendar use numbers, the most basic and important of mathematic characters.
- * How would you know the time of the day?
- * Wouldn't you miss your own birthday without a calender?

No Math's No Economy:

- * We wouldn't have had market and business without math as the world of trade runs on money.
- * And as a country's development depends heavily on its economic growth.
- * Wouldn't that be a problem????

No Math's No Money :

- * Consider this, you go to a shop to buy something but since this is a world without maths.
- * You don't know what money is!
- * You don't know measurements.

*Anjali
B.Sc. Final year*

SRINIVASA RAMANUJAN

Srinivasa Ramanujan, an Indian mathematician was born in 1887. Self taught and gifted Ramanujan's contributions to number theory, infinite series and continued fractions are unparalleled. His collaboration with G.H. Hardy at Cambridge University led to ground breaking research. Ramanujan's legacy is marked by his initiative approach, ingenious methods and approximately 3,900 identities.

*Navdeep Kaur (22PHY017)
B.Sc. 3rd Year*



MATH'S

The Golden Ratio and Symmetry,
Every Construction's backbone is Geometry.
Algebra and Statistics help us all,
In creating structures like a school building, home
or mall.

Mathematics has made everything possible,
by identifying co-ordinates and making everything
traceable.

It helps us make combinations and find the
probability,

It goes by proof and enhances our ability.
To analyze and solve the problem,
To learn to share by dividing candies and being
Awesome.

We see mathematics in all little and big forms,
And it help us find the probability of
thunderstorms.

Symmetry always help us all,
And makes beautiful all creatures great and small.
Trigonometry is used to find the distance between
rivers,

We also use mathematics to find the height of
pillars.

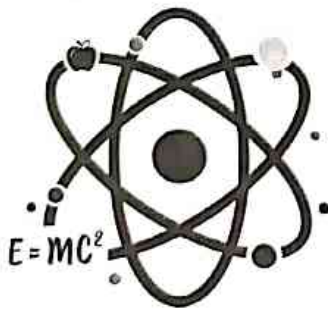
From counting stars and birds,
To learning area, volume and law of surds.

In real world, it has imaginary numbers,
With math's in hand we can always create wonders.

It is just to use it in the right way,
All ideas are proved, none is stray.

It never stops but goes on till infinity,
Look around you and you'll find all examples of
mathematics in your vicinity.

Tamanna (22PHY028)
B.Sc. 3rd Year



MATH'S A CHALLENGE

Try, Try and Try,
the more I try,
the more I cry,
I practice math's with my heart and soul,
yet I am not able to achieve my goal,
I never get marks in math's,
in spite of my great endeavors,
fate is never in my favour
I really want to improve my maths,
because I love this subject,
and for this I am trying my level best.
I candid so I can confess,
in mathematics examination I always create a mess,
all the answers I guess,
and ultimately the marks I get are quite less.
I believe that if I do ample practice, I'll one day
probably achieve my goal,
and I seriously have to improve,
because in our lives maths plays a very significant role.

Rajat Kumar (22BCS026)
B.Sc. Final year

THE MAGIC OF MATHEMATICS

Mathematics is like magic because it explains how
the world works. It shows us patterns in nature, like
the shapes of flowers, the stars in the sky and the
waves in the ocean.

Math helps us solve problems and predict the future.
For example, it tells us when it will rain or how far a
rocket will go. It is also used to make technology like
phones and computers.

What makes math special is that it works the same
everywhere. No matter where you go, $1+1$ is always
2. This makes math a universal language.

In simple ways, math helps us understand the world.
That's why it feels like magic!

Rahul Choudhary (22BCS003)
B.Sc. 3rd Year

KAPREKAR'S CONSTANT (6174)

Dattatreya Ramchandra Kaprekar (1905-1986) discovered a process using four digit number.

- Take any four-digit number with at least two different digits.
- Arrange the digits in descending and ascending order to form two new numbers.
- Subtract the smaller number from the larger one.
- Repeat the process.

Eventually, you will reach 6174, known as Kaprekar's constant, in almost 7 iteration. For example:

$$5432 \rightarrow 5432 - 2345 = 3087$$

$$8730 \rightarrow 8730 - 0378 = 8352$$

$$8532 \rightarrow 8532 - 2358 = 6174$$

Mandeep Kour (22BSM054)
B.Sc. Final year

IMPORTANCE OF MATHS IN OUR LIFE

Math is important in our lives because it helps us understand the world around us and solve problems. Here are some reasons why math is important:

- * **Everyday Use** : Math is used in many everyday tasks, such as counting money, measuring ingredients and calculating travel time.
- * **Problem Solving** : Math helps us develop problem - solving skills that can be applied to many aspects of life.
- * **Critical Thinking** : Math encourages critical thinking and analytical abilities.
- * **Time Management** : Math skills can help us manage our time effectively.
- * **Technological Proficiency** : Math skills are closely linked to technological proficiency.
- * **Financial Literacy** : Math is important for managing personal finances, budgeting, saving and making big decisions.
- * **Cognitive Development** : Studying math can stimulate cognitive development in students.

Sunita
B.Sc. Final year

BEAUTY OF MATHEMATICS IN EVERYDAY LIFE

Mathematics is present in many aspects of everyday life, including cooking, travel and financial management.

- * **Cooking** :
Math is often used in cooking such as when adjusting recipe proportions.
- * **Travel** :
Maths is used to calculate distance, estimate fuel costs and plan rest stops. It is also used to convert time zones to plan meetings and adjust schedules.
- * **Financial Management** :
Math is used to calculate simple and compound interest, which is useful for managing money and selecting a bank account.
- * **Business** :
Businesses use statistics to analyze data and make decisions, while accountants use math to prepare financial statements and balance budgets.
- * **Brain Function** :
Solving Math problems can help to improve logical skills. Research also suggests that the parts of the brain used for math may work with the parts that regulate emotions.

Palvi Choudhary (B.Sc. Final year)

THE MAGAZINE 2024-25
HIMNOOR

PLANNING
SECTION

EDITOR
MS. PEARL BAKSHI

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FROM EDITOR'S PEN



"Alone, we can do so little; together, we can do so much." - Helen Keller.

Dear Readers,

It is with great pleasure that we present this edition of the **Himnoor College Magazine**, a reflection of the creativity, intellect, and dedication within our college community. The Planning Forum serves as a space where ideas take shape, voices are heard, and innovative perspectives come to life. Through this section, we aim to inspire constructive discussions, critical thinking, and meaningful engagement with issues that shape our present and future.

First and foremost, our heartfelt gratitude goes to Principal Dr. Anil Kumar Thakur for his unwavering support and encouragement. His vision continues to inspire us to create meaningful platforms for student expression.

A special thanks to Chief Editor Ms. Seema Ohri for her invaluable guidance and commitment to excellence. To my fellow co-editors, your collaboration and hard work have made this journey both rewarding and enriching.

Above all, we extend our deepest appreciation to the contributors and students whose insightful articles, artwork, and ideas have brought this section to life. Your enthusiasm and creativity are the essence of the Planning Forum.

As we move forward, let's remember: "Creativity is intelligence having fun." - Albert Einstein.

Let's continue to learn, create, and inspire together!

Pearl Bakshi
Editor
(Planning Section)

STUDENT EDITOR

It is great privilege for me to be the student editor of planning forum section of our college magazine "HIMNOOR".

One of the key feature of this magazine is the inclusion of student notices, we have included articles, essays and poetry are informative and interesting. This magazine is a culmination of the hard work and creativity of our talented students.

I hope that this magazine will encourage all members of our community to engage in meaningful conversations about diversity and inclusion.

" Learning gives creativity,
Creativity leads to thinking,
Thinking leads to knowledge,
Knowledge makes you great."

Nainvi (23BAM004)
B.A. Second Year

THE MAJOR CAUSE OF POVERTY IN NIGERIA

The major cause of poverty and income inequality in Nigeria's economy is the love for property which make men to be very stingy and greedy. In furtherance to this, since God has provided for those That us over their needs, it is expected that such surplus should be redistributed. But our dominant class in Nigeria will began to perpetuate their dominant over us and as well as to protect their lovely property and illegal acquired Wealth, while the less privilege class will submit themselves to their stream of dominance like the grain of gold in the sand of a river and not thinking of how to revolt against the action, in relation to this, poverty has removed the teeth of a lion and leave him unteeth. All we need is revolution.

Simran (22POL051)
B.A. 3rd Year

POVERTY

This I wonder while I lay in bed,
Why it is we all can't be fed
Poverty strictly our sisters and brothers
Making life struggle for fathers and mothers
If the world comes together as one poverty will be done
If the world came together universal
This problem would not be controversial
Working united will make poverty eradicate

By 2015 we will be exasperated
We cannot be intimidated
If by 2015 we want poverty eliminated
Deplorable living conditions is limited access to education
Struggling to strive
Being unable to thrive
Suffering from hunger and thirst
Yet all hopes not lost
For we can extend a helping hand
To the needy in a foreign land.

Simran (22POL051)
B.A. 3rd Year

CRYPTOCURRENCIES

Despite those challenges, cryptocurrencies have spurred innovation in sectors such as decentralized finance (DeFi) and non-fungible tokens (NFTs) while central banks in various countries are exploring digital currencies (CBDCs).

The ongoing evolution of crypto markets, coupled with increasing institutional interest, suggests that cryptocurrencies are here to stay, albeit in a more regulated and possibly more environmentally friendly form. As adoption grows their long term impact on global finance and economies remains to be seen.



Cryptocurrencies have significantly transformed the global financial landscape since the advent of Bitcoin in 2009. These digital assets based on blockchain technology, offers an alternative to traditional financial systems by enabling peer-to-peer transactions without the need for intermediaries like banks. This has the potential to lower transaction costs, increase financial inclusion and speed up cross-border payments.

However, the rise of cryptocurrencies has also raised concerns. Their volatility coupled with the lack of regulatory oversight in many jurisdictions makes them a risky investment.

Cryptocurrencies have been associated with illegal activities such as money laundering and ransomware attacks, leading to calls for more stringent regulation. Environmental concerns have also emerged as the energy consumption required for cryptocurrency mining can be immense.

Shikha Koundal (22BCM020)
B.Com Final Year

POVERTY IN INDIA

Poverty is defined as a situation where in a person or family lacks the money to fulfill basic needs. Poor people don't have good enough money to make a decent living ; they don't have the funds for housing, nutrition, and schooling which are vital for survival. So, poverty can be understood absolutely as a lack of money or extra extensive, obstacles to everyday human life.

Mahatma Gandhi once said that poverty is the worst form of violence. Poverty has been proven as the biggest hurdle in the development of India since 1970, the Indian government has made eradicating poverty a priority in its 5 years plan. Policies are made to ensure food security, housing and employment through more access to increasing salary employment and enhancing access to simple social services. The Indian authorities and non-governmental corporations have initiated numerous new programs to relieve poverty, like easy entry to loan, enhancing agricultural techniques and price support and providing vocational skill training to people so they can get jobs. The occurrence of rural poverty has declined in the past years because of rural - to - city migration. A severe limit on population growth is necessary to address the issue of poverty.

Bhumika (22BCM003)
B.Com Final Year

THE IMPACT OF TAXES

Taxes play a critical role in shaping economics and society. At their core, taxes are a primary sources of revenue for government funding essential public services like healthcare, education, infrastructure and social welfare programs. By generating government income, taxes help ensure that these services are available to all citizens, contributed to societal well-being and economic stability.

The impact of taxes on individual and businesses is multifaceted. For individuals, taxes influence disposable income, affecting consumer behavior and spending patterns. High taxes can reduce purchasing power, while tax cuts may boost consumption and savings.

For businesses, taxes can either incentives or discourage investment and innovation. Corporate tax rates, for example, can impact a company's profitability and competitiveness. High taxes on businesses may deter expansion, while tax incentives or reduction can stimulate growth, encourage investment in research and development, and create jobs.

On a broader level, the structure of a tax system - whether progressive, regressive or flat - shapes economic inequality and social mobility. In sum, taxes are essential for economic development, but their design and implementation must balance government needs with economics growth and fairness.



Suhani (22BCM014)
B.Com Final Year

INEQUALITY OF INCOME

Income inequality refers to the unequal distribution of income and wealth among individuals or groups in a society. Over recent decades, income disparity has widened significantly in many parts of the world, driven by factors such as globalization, technological advancements, and educational disparities. High-skilled workers in sectors like technology and finance have seen substantial wage increases, while low-skilled workers face stagnant wages, job displacement due to automation and outsourcing.

The consequences of income inequality are far-reaching. Economically, inequality can stunt growth, as the wealthy tend to save more, limiting consumer spending and reducing demand for goods and services. Socially, it erodes social mobility, making it harder for individuals from disadvantaged backgrounds to improve their economic status. This lack of opportunity perpetuates generational poverty and fosters a sense of injustice.

To address this issue, policies such as progressive taxation, investments in education and stronger labor protections are essential. Ensuring equal access to quality education, raising minimum wages and expanding social safety nets can help reduce the income gap. Tackling income inequality is not just about fairness - it's crucial for sustainable economic growth and social stability.

Kamni (22BCM004)
B.Com Final Year

ECONOMIC GROWTH

Economic growth is the increase in a country's capacity to produce goods and services over a period of time. It can be measured in nominal or real terms, with real terms adjust for inflation. The size of an economy is usually measured by its gross domestic product (GDP), which is the total production of goods and services in the economy.

Pallavi (24GEO005)
B.A. 1st year

INTERNATIONAL TRADE

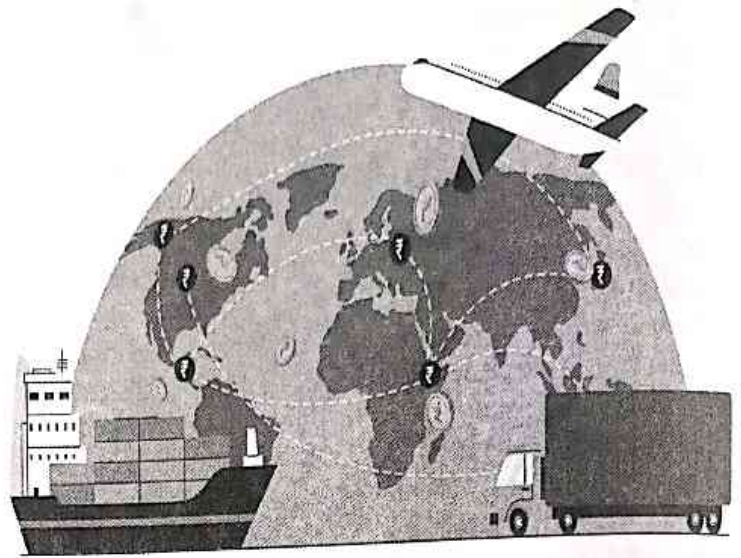
International trade refers to the exchange of goods and services across borders, playing a crucial role in the global economy. It allows countries to access products and resources that are not available or cost-effective to produce domestically. By specializing in certain goods, countries can benefit from comparative advantage, leading to more efficient production and higher economic welfare.

Trade is facilitated by agreements and organizations like the World Trade Organization (WTO), which aim to reduce tariffs and trade barriers, making markets more accessible. Nations also negotiate bilateral and multi-lateral trade agreements to open new opportunities for growth and investment.

However, International trade also presents challenges, including trade imbalances, job displacement and environmental concerns. Countries often face the need to protect domestic industries. The rise of protectionism and trade wars in recent years has highlighted the complexities of global trade relations.

Overall, international trade is essential for fostering economic growth, innovation and access to a wider variety of goods and services. By addressing its challenges and embracing co-operation, countries can continue to thrive in an interconnected global marketplace.

Anjali Jamwal (22BCM048)
B.Com Final Year



POVERTY LINE

Poverty line is the line which indicates the level of purchasing power required to satisfy the minimum needs of a person. In other words, it represents the capacity to satisfy the minimum level of human needs. The purchasing power can be expressed in the form of average per capita monthly expenditure. If we have an idea of minimum level of purchasing power required to keep a person at a minimum level of living, a little below which he would be considered as poor, this "Purchasing Power" could then be called poverty line.

Saloni Devi (22BCM061)
B.Com. 3rd Year

NITI AAYOG

In January 2015, government replaced planning commission with a new institution named NITI Aayog (National Institution for Transforming India). This Aayog will serve as "Think Tank" that will provide governments at the central and state levels with relevant strategic and technical advice on the key policy issues. It will provide strategic and technical advice on key elements of policy of national and international importance.

Abhinasha Kumari
(22BCM036)

INTRODUCTION : ECONOMIC GROWTH AND ENVIRONMENTAL CHANGE

The discovery of an inverted U-Shaped relation between air and water quality on the one side and per capita income on the other Crossman and Krueger 1991. Should not have been surprising that local air and water intuitive so is the fact that local air service sector and the relocation of smokestack industries. The issues raised by the debate are of obvious interest to developing countries for whom the rate of growth of GDP is frequently the single most important criterion of success.

The paper that is the focus of this forum, Arrow is the outcome of a meeting between a



group of economists and ecologists. The meeting considered both economic and ecological perspectives with a view to identifying those things on which there appears to be a consensus across disciplines. The forum along with others in the journals ecological applications and ecological economics society of ecological tests the consensus. A distinguished but very disparate group of economics and ecologists were invited to respond to the issues the economics and ecologists were invited to respond to the issues raised by Arrow and to identify issues that were not raised.

Amongst the economics invited to respond were those who sparked the debate with their economists invited to respond were paper on the environmental Kulnets Curve. Grossman and one of the original supporters of the position taken by.

Priti Dhiman (22BCM002)
B.Com Final Year

THE RISE OF INDUSTRY SECTOR

The government of India also promoted the growth of small scale and large scale industry as it understood that agriculture alone would not be able to help in the country's economic growth.

Many industries have been set up since independence. A large number of people shifted from the agricultural sector to the industrial sector



in an attempt to earn better.

Today, we have numerous industries manufacturing a large amount of raw material as well as finished goods. The pharmaceutical industry, iron and steel industry, automotive industry, timber industry, jute and paper industry are among some of the industries which have contributed a great deal in our economic growth.

Kirti (24BAM008)
B.A. 1st Year

ECONOMICS

A person has to possess financial resource that ensures stable monetary income

A secured fiscal status derived from trade and industry is a profitable system

And to get financially viable business is to engage in lose effective undertakings that prove as sustainable sources for money making.

Suhani (24ECO006)
B.A. 1st Year

Himnoor

THE MAGAZINE 2024-25
HIMNOOR

COMMERCE
SECTION

EDITOR
MS. KIRAN BALA

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FROM EDITOR'S PEN



It gives me immense pleasure to present 'HIMNOOR' college magazine. This magazine showcases the annual activities of the departments as well as the creative contribution of the students and the faculty members.

I appreciate and congratulate both faculty and the students for their academic achievement and wish them success for their future endeavours.

The magazine is really useful for the readers having articles by students and teachers on contemporary topics in different fields. The efforts of the editorial team are truly appreciable. I wish them all the best for their future endeavours.

Ms. Kiran Bala
Editor
(Commerce Department)

LOVE AS IN COMMERCE

Love can be called as an Intangible Asset,
 But it is surely a fixed one.
 It is also the Goodwill of the Business Firms,
 Where firms are the human souls.
 It changes its form as
 Capital in the Balance Sheet and is the
 Summation of commitment & Special Care
 Where the Former Being Asset &
 Latter as Liabilities.
 It should always be credited as
 Net Profit in the Profit and Loss Account,
 Should be debited as surplus in
 The Income & Expenditure Account...
 The admission is restricted, once retired
 then not possible to be Re-registered.
 If death occurs then the executors Account
 Gets over flooded with love

Prof. Kiran Bala
 (Astt. Prof. Commerce)

E-COMMERCE IN INDIA EVOLUTION AND GROWTH

The objective of writing this article is to trace the e-commerce evolution in India. The authors based their article on the secondary source data. The reader will gain knowledge about the e-commerce business in India. Its comparison will offline retailing. How the e-commerce works, challenges and the way forward. E-commerce become possible when the internet, the medium in the year 1991 with the general public. By 2000, a large number of US and Europe countries by Public by 2000 led to large number of US and Europe companies binding up. The brick and Motar retailers recognized the advantages of electronic commerce and began to add such capabilities to their websites. E-business is a structure that includes not only those transactions that supports revenue generation. These generation revenue, but also those transactions include generating demand of goods and services, offering sale support and customer services, or falling communication between business partners. Although India's E-commerce in India is growing, there are certain challenges that the industry needs to overcome. E-commerce in India is growing not just because the Internet penetration.

Arjun Sharma (23BCM017) B.Com 2nd year

ACCOUNTANCY

Language of business,
 To record events in order,
 Hated by admin all the time,
 Hated by business people,
 Hated by many people,
 Hated due to way of teaching,
 Options are there to make it simple,
 I will disclose the same story
 All will be free from confusing mode.

My mood is simple,
 easy and protected by us IPR
 No more complexity,
 no more strife,
 Accountancy will be simple and a joyful life.

With this new approach, all will see,
 The beauty of accountancy in simplicity,
 No more hatred no more fear,
 Accountancy will be loved and crystal clear.

Khushi (24BCM046)
 B.Com 1st Year

THE MARKET'S SONG

A dance of supply and demand,
 A rhythm of where profits are planned,
 The ticker tape, a fleeting rhyme,
 In the marketplace, where fortunes climb.

From stocks and bonds to share so fine,
 A web of trade, a market sign,
 The broker's call, a whispered plea,
 To buy, to sell, to set us free.

The charts and graphs, a cryptic maze,
 Where bulls and bears in flurry blaze,
 A game of chance, a calculated risk,
 Where fortunes rise with every tick.

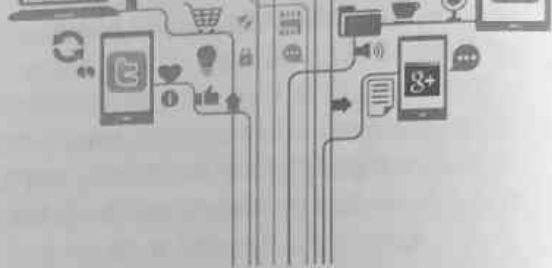
The entrepreneur, a dreamer bold,
 With vision bright, a story told,
 In every deal, a lesson learned,
 A market's song, forever turned.

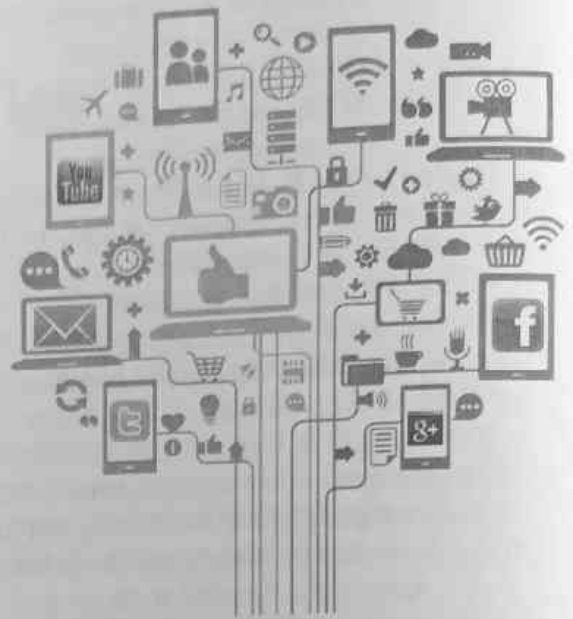
Saloni Devi (22BCM061) B.Com Final Year

THE INFLUENCE OF SOCIAL MEDIA ON MARKETING

Social media is a collective term for websites and applications that focus on communication, community-based input interaction, content-sharing and collaboration. People use social media to stay in touch and interact with friends, family and various communities. The term social in regard to media suggests platforms enable communal activity. Social media can enhance and extend human networks. Users across social media through web-based apps or custom apps on mobile devices.

Social media can have a significant impact on Marketing including:

- * **Brand Awareness-** Social media can help businesses improve their brand awareness and visibility through engaging content, shares, likes and comments on social media can help spread brand content to a wider audience.
 - * **Search engine performance-** Social media can impact a brand's search engine performance. Search engine consider social signals like likes, shares and comments as indicators of a brand's authority and relevance.
 - * **Word of mouth-** Social media can spread the word about a company.
 - * **Marketing Costs-** Social media marketing can help reduce marketing and promotional costs. It can also help increase profit margins by reducing operating costs.
 - * **Customer Engagements-** Social media can help businesses engage with their customers in real times. Businesses can respond to customer comments and concern and gather feedback.
- 
- Shikha Khandelwal (22PGM)



Shikha Kaundal (22BCM020)
B.Com 3rd year

GST (Goods and Service Tax)

Goods and service tax is a single tax system. The imposition of this tax takes place jointly by the center and the state. In GST, the goods and services are divided into five different tax slabs. This is for the purpose of the tax collection. Above all, the tax slabs are 5%, 12%, 18% and 28%. Also, petroleum products, alcoholic drinks and electricity do not come under GST. Gold also carries a special rate of 3%. It certainly brings almost all indirect taxation under one tax. The entire process of GST is available online. So, it is an easy and simple online process. It is really beneficial for start-up businesses. This is because they do not have to struggle to get different registrations. SO GST certainly is beneficial for the entire population of India.

Kritika Jaryul (22BCM011)
B.Com 3rd Year

KNOW ABOUT COMMERCE

I give you
A knowledge of commerce
You don't know how
Commerce help in business
Without capital how
You start a business
You have a capital
Without management how
You manage the business

Have capital and management
Without mathematics how
You calculate profit of business
Don't spend so much expenditure
Loss occurred on your business
Everyone start a business
For a earning and revenue more

Chahat Choudhary (24BCM033)

E-COMMERCE CONSUMER BEHAVIOUR

In the digital age, e-commerce consumer behaviour has revolutionized the way people shop. Understanding consumer behaviour in the online marketplace is crucial for businesses to succeed. By analyzing consumer purchase patterns and exploring personalization and customization techniques, businesses can optimize their strategies and create a seamless shopping experience for their customers.

When it comes to online shopping, understanding the psychology behind e-commerce consumer behaviour is crucial. E-commerce consumer behaviour refers to the thoughts, feelings and actions that drive individuals to make purchasing decisions.

Price is often a key consideration, as shoppers are constantly on the look out for the best deal and discount in the e-commerce space. However, it's important to note that consumers are not solely driven by price. Product quality and brand reputation also play a significant role in their decision-making process, reflecting the complexities of e-commerce consumer behaviour.

The user experience of an e-commerce website or app can greatly impact consumer decision-making.

Anjali Jamwal (22BCM048)
B.Com 3rd Year

WHAT IS ECONOMICS?

Economics is the science of analyzing the production, distribution and consumption of goods and services. In other words, what choices people make and how and why they make them when making purchases. Economics is the scientific study of the ownership use and exchange of scarce resources often shortened to the science of scarcity. Economics is regarded as a social science because it uses scientific method to build theories that can help explain the behaviour of individuals, groups and organizations. Economics attempt to explain economic behaviour which arises when scarce resources are exchanged.

- Microeconomics is the study of economics at the individual or business level.
- Macroeconomics is the study of the performance of the whole economy rather than individuals market.

Ayushi (23BCM093)

JOKES

ये जो लोग कहते हैं कि Science Commerce से ज्यादा Tough है अभी एक Balance Sheet उठा कर मार दी तो सारा Nervous System हिल जायेगा।

हमें तो Commerce ने लूटा Science में कहाँ दम था, हमारी तो कश्ती भी वहाँ डूबी जहाँ Liability और Assets में 1 Rs कम था।

Pallavi (24BCM021) B.Com. 1st year

BLOCKCHAIN

Blockchain technology is a decentralized, digital ledger system that records transactions across multiple computers, ensuring data integrity and transparency. Initially introduced as the foundation for cryptocurrencies like Bitcoin, blockchain's potential extends beyond digital currencies. It operates through a network of nodes, where each new transaction is verified by consensus before being added as a "block" to the chain, making tampering or fraud extremely difficult.

The main advantages of blockchain include enhanced security, transparency, and efficiency. Because the data is stored across multiple nodes, it's nearly impossible to alter without altering all subsequent blocks, which require the consensus of the majority of participants. This makes blockchain highly secure and resistant to fraud.

Kamni (22BCM004) B.Com 3rd year

TYPICAL COMMERCE STUDENT

Fighting with numbers,
In order to balance the journal of life,
I prefer to debit pain and credit happiness,
Spread good of joy,
Where I can attain maximum satisfaction,
And collect a ledger of memories!

Keshav Singh (24BCM036) B.Com 1st year

CORPORATE SOCIAL RESPONSIBILITY

Corporate social responsibility is the practice of businesses to act ethically and responsibly towards their stakeholder and society. CSR involves going beyond the legal and economic obligations of businesses and taking voluntary actions to address social, environmental and governance issue that affect their operations and impact. CSR is an important concept for students who were interested in learning about Business, Society and sustainability.

CSR can be classified into four dimensions: economic, legal, ethical and philanthropic. CSR has many benefits for students who are interested in pursuing a career education in business or related fields. Some of the benefits are:

Enhancing knowledge and skills: CSR provides students with a Broad and Interdisciplinary perspective on how business operate and compete in a global market.

Increasing employability and competitiveness: CSR equips students with valuable qualifications and competencies that are relevant and applicable to various career and professions.

Creating opportunities and possibilities: CSR offers student a wide range of opportunities and possibilities for their future education and career development.

Bhumika (22BCM003)
B.Com. Final year

THE RISE OF E-COMMERCE Trends and Insights

The E-Commerce industry, has experienced unprecedented growth in recent years transforming the way businesses operate and consumers shop. According to a report by statista, global e-commerce sales are projected to reach \$6.5 trillion by 2023.

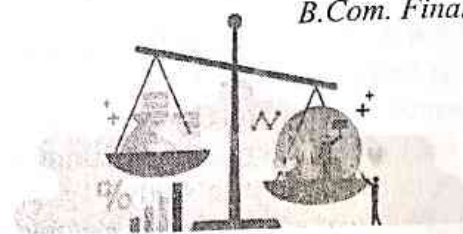
Key Trends shaping the E-Commerce Landscape:

Mobile Commerce: Mobile devices have become the primary channel for online shopping with mobile commerce sales expected to account for 73% of e-commerce sales by 2025.

Social Commerce: Social media platforms are increasingly becoming integral to E-commerce strategies with 71% of commerce more likely to purchase from a brand they follow on social media.

Sustainable E-Commerce: Consumers increasingly prioritizing environmental sustainability. When making purchasing decisions, driving demand for eco-friendly packaging carbon offsetting and responsible supply chain practices.

Sujal (23BCM085)
B.Com 2nd Year



POEM

कोई Journal समझता है,
कोई Ledger समझता है,
ये Commerce वालों की भाषा है,
इसे Commerce वाला ही समझता है ॥

ना आती है Biology,
ना Chemistry रुलाती है,
ना कोई Physics की Tension है,
ना कोई Science की Theory है,
जब होता है कोई भी Transaction,
Entry खुद ही बन जाती है ॥

यहां सब लोग ही कहते हैं Commerce आसान है,
यहां सब लोग ही कहते हैं Commerce आसान है।
जरा हमसे ये पूछो कैसे Balancesheet बराबर आती है,
जरा हमसे ये पूछो कैसे Balancesheet बराबर आती है।
ये Commerce वालों का दिल समझता है,
ये Commerce वाला ही समझता है ॥

Vanshika Sharma (24BCM030)
B.Com. 1st year

CYBER CRIME AND SECURITY

A crime which is committed with the help of internet and computer is called cyber crime. Today the whole world is on the path of progress, but in this area of progress. Cyber crime has a lot increased a lot. Today we do many things through the internet. We do such things as online education, shopping, searching also for communications.



Cyber crimes can bring down a person, an institution or even a whole nation with the breach of a privacy. Education and awareness are the initial steps taken to prevent cyber crimes from taking place.

Cyber criminals use underdeveloped laws of the developing countries to manipulate records and remain anonymous, hence laws need to be made stricter. Cyber crime is an illegal act. In this crime, the computer is used as a weapon.

Cyber crime can threaten the security of the individual or the nation.

Cyber security is the body of technologies, operations and applications designed to protect programs, devices, network and data.

As numerous amounts of data are collected processed and stored on computers by cyber crime.

*Gourav (23BCM077)
B.Com 2nd Year*

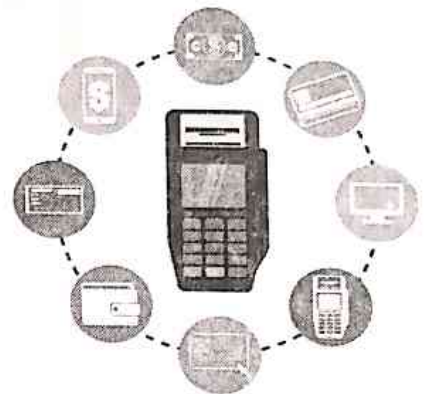
DIGITAL PAYMENT SYSTEM AND SMALL BUSINESSES IMPACT

Digital payment systems have transformed the landscape for small businesses offering a range of benefits that enhance operational efficiency and customer satisfaction. These systems, which include mobile wallets, online banking and point-of-sale

(P O S)

solutions, allow businesses to accept payment seamlessly and securely. For small businesses, the shift to digital payment offers greater convenience,

reduce cash handling risk and quicker transaction processing.



One of the most significant advantages is the ability to reach a wider customer base. Digital payment platforms are accessible to anyone with a smartphone or internet access, allowing small businesses to deal with tech-savvy consumers who prefer cashless transactions. This is especially important in the post-pandemic world, where contactless payments have become the norm.

However the adoption of digital payment systems does come with challenges, such as transaction fees and the need for adequate cybersecurity measures to protect sensitive data. Despite these challenges, the growth of digital payment continues to drive innovation and efficiency, playing a pivotal role in the success and sustainability of small businesses.

*Shikha Kaundal (22BCM020)
B.Com 3rd year*

THE MAGAZINE 2024-25
HIMNOOR

**BACHELORS OF
VOCATION (B. VOC)**
SECTION

EDITOR
DR. SOHAN KUMAR

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FROM EDITOR'S PEN



I am delighted to present the vibrant vocational section of 'HIMNOOR' magazine of our college. This magazine offers a compelling glimpse into the innovative mindset of our vocational studies students. It is a source of immense pride to witness their remarkable talents shining through in such a creative and impactful way. Vocational studies go beyond theoretical learning; they embody the fusion of practical knowledge and essential skills, preparing individuals to excel in real world applications. Our college proudly offers two specialized vocational programmes aimed at bridging the gap between skilled and unskilled candidates in their respective industry. The core objective is to empower skilled youth and create meaningful

employment opportunities driving growth and innovation in the workforce.

Through this section, students have showcased their creative brilliance by sharing insight from their respective fields in the form of engaging articles. We trust that readers will find these pieces both inspiring and enriching offering a glimpse into the innovative mind of our talented students.

*Dr. Sohan Kumar
(Nodal Officer)*

STUDENT EDITORIAL

*"Live the fullest,
Love to the Fullest,
Express from your heart ..."*

Of all the things we wear our expectations is most noticeable With enjoyment and pleasure, we put forward the next dynamic piece of creativity, freedom, self expression and enthusiasm of our year's work in our annual magazine 'HIMNOOR', which is an amalgamation of the year long work of talented souls along with, the blend of unique tastes from each one who have contributed for this magazine.

Himnoor is more than just a magazine where the potential, talents, achievement and vision of our college get reflected. This is that proud moment when our teachers and students take pride in their hardwork.

This year's college magazine throws light on best aspects of our personalities through SELF-EXPRESSION!

It is often seen that one of the biggest blocks to creativity can be our mind's inability to allow a through or insight to have space to become a possibility. Some of the most inspired ideas are ones that start as crazy concepts. This is the purpose and our positive drive behind this magazine.

Our college, Government Arya Degree College, Nurpur has always believed in being unique and doing things 'its own way'.

Jiya
B. Voc. 3rd year

STUDENT EDITORIAL

Greetings to all!

It's an honour for me, that I got the opportunity to be the student editor of our college magazine and represent our B. Voc. section. As we welcome new academic year, it is my pleasure to introduce the latest edition of our college magazine, "**Himnoor**".

This magazine is a culmination of the hard work and creativity of our talented students, faculty and staff. One of the key features of this magazine is the inclusion of student voices. We hope that this edition will encourage all members of our community to engage in meaningful conversations about diversity and inclusion.

I want to extend my gratitude to everyone who has contributed to this magazine including writers and editors. Thank you for reading.

Shruti (22RM007)
B. Voc. 3rd year

RETAIL - CONTRIBUTOR TO INDIAN ECONOMIC GROWTH & DEVELOPMENT

Indian retailing today is at an interesting crossroads. The retail sales are at the highest point in history and new technologies are improving retail productivity. Retailing is the most active and attractive sector of the last decade. While the retailing industry itself has been present for ages in our country, it is only the recent past that it has witnessed so much dynamism. The Indian retail sector is one of the most exciting and under penetrated markets in the world. Owing to rapid urbanization and changing consumption patterns, India has witnessed a revolution in the last two decades. The entry of the leading corporate houses into retail created a surge in the growth of the industry. India tops in the list of emerging market for global retailer and India's retail sector is expanding and modernizing rapidly in line with India's economic growth. The future is promising : the market is growing, government policies are becoming more favourable and emerging technologies are facilitating operations. It has been one of the fastest growing sectors and contributes more than one-fourth of the GDP of many countries in the world. The sector contributes more than 20% of the employment in the world. Organized retail is a new phenomenon in India and despite the challenges, the market is growing exponentially, as economic growth brings more of India's people into the consuming classes and organized retail store and move existing shoppers into its open doors.

*Shruti (22RM007)
B. Voc. 3rd year*

HOSPITALITY INDUSTRY

In recent times, the hospitality industry has widely recognized the growing need for sustainability to maintain the health of natural ecosystems. There is a need to support life for both current and future generations and realizing sustainable methods is crucial to imbibe certain practices. Hotels rely heavily on natural resources such as pristine landscapes, beaches and clear air to attract guests. However, this reliance also places significant strain on these resources, posing a risk to the very environment upon which the industry depends.

*Kartik (23HT002)
B.Voc. 2nd year*

INVENTORY MANAGEMENT IN RETAIL

Inventory Management in Retail involves controlling and optimizing the stock of products to ensure availability, minimize waste and maximize sales.

* Types of Inventory:

1. Finished goods (ready for sale products)
2. Work in progress (partial or incomplete products)
3. Raw materials (Components or ingredients)
4. Seasonal inventory (holding or promotional items)

* Retail Inventory Management Trends :

1. Omnichannel inventory management
2. Artificial Intelligence (AI) and machine learning (ML)
3. Internet of things integration.
4. Cloud-based inventory management.
5. Real-time inventory visibility.

*Mamta (22RM028)
B. Voc. 3rd year*

ROAD SAFETY

Road Safety is a crucial aspect of everyday life, aiming to reduce accidents and protect lives. Every year, millions of people around the world are injured or killed in traffic accidents.

To combat this, raising awareness about road safety practices is essential.

The foundation of road safety begins with obeying traffic laws. Drivers must follow speed limits, stop at red lights and yield to pedestrians at crosswalks. Using seat belts, whether driving or as a passenger, significantly reduces the risk of injury during an accident.

*Aditya Rana (23HT028)
B.Voc. 2nd year*

CREATIVITY

Creativity is very important in our daily life because when we have creativity, we find it easy to make decisions or solve any questions or problems such as jigsaw puzzle. Creative thinking is also important. Creative thinking is a skill that can be learned rather than existing skills within us. Therefore, we should learn to be a creative thinking to be called a critical thinking. Actually, creative thinking help us learn to give an idea, think out of box and evaluate knowledge. Furthermore, it is important for us to think broadly and use existing skills in depth. Besides that, the habits and behaviours like producing good ideas, imagination and innovation in all circumstances. Furthermore creativity have three aspects, the first one is about an ability, meaning that something new can be created by using existing capacity to imagine. The main issue is capacity to imagine. The main issue is the ability to produce new ideas with the padding. Combining and applying the ideas that are readily available.

Anil Kumar (22RM011)
B. Voc. 3rd year

THE ROLE OF AI IN RETAIL

Artificial intelligence (AI) in retail refers to the use of machine learning and natural language processing and data analytics to automate and optimize retail operations, enhance customer experiences and drive business growth.

Key Components of AI in retail :

1. **Machine Learning (ML) :**
Analyzes customer behavior, preferences and sales data to predict future trends.
2. **Natural Language Processing (NLP) :**
Enables human-like interactions between customers and retailers through chatbots and voice assistants.
3. **Data Analytics :**
Provides insights on customer behavior, sales patterns and inventory management.
4. **Computer Vision :**
Enhances product recognition, facial recognition and sentiment analysis.

Vanshika (22RM002)
B. Voc. 3rd year

THE FUTURE AI POWERED SHOPPING EXPERIENCE

Imagine walking into a store where the shelves are stocked with products tailored to your preferences, and the sales associate knows your style and shopping history. Welcome to the AI-Powered shopping experience, where technology meets personalized retail.

Key Features :

1. **Personalized Product Recommendations:** AI-derived engines suggest products based on customer behaviour, performances and purchase history.
2. **Smart Assistants :** Virtual assistants, like chatbots and voice assistants, provide seamless customer support.
3. **AI-Powered customer services :** Automated system resolve queries and issues efficiently.
4. **Intelligent Inventory Management :** AI optimizes stock levels, reducing waste and improving supply chain efficiency.
5. **Immersive Experiences :** Augmented Reality (AR) and Virtual Reality (VA) enhanced product demonstrations.

Priyanka (22RM031)
B.Sc. 3rd year

IMPORTANCE OF TOURISM

Travelling is a tiring and difficult thing and not everyone is able to travel. But at the same time, it's a fun activity that takes your tiredness away. Travelling adds flavour to your life as you travel to different places that have a different culture and lifestyle. Also, it's an easy way to learn about the culture and tradition of a place. Besides, for many areas, tourism is their main source of income.

Ritik Kalotra (23HT010)
B. Voc. 2nd year

FORM IV

(See Rule 8)

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I, Principal Dr. Anil Kumar Thakur, hereby declare that the particulars given above are true to the best of knowledge and belief.

Dr. Anil Kumar Thakur
Principal
Govt. Arya Degree College
Nurpur, Distt. Kangra (H.P.)

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B. VOC. DEPARTMENT



ANNUAL ATHLETIC MEET





PRINCIPAL WITH NON-TEACHING STAFF



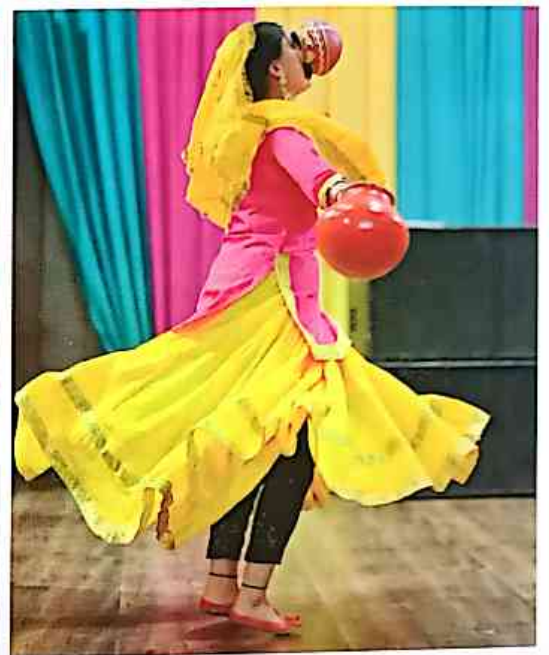
PRINCIPAL WITH B. VOC. STAFF



PRINCIPAL WITH EDITORIAL BOARD



PRINCIPAL WITH TEACHING STAFF



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