



विवेकिता

सत्र : 2024-2025



सर छोटूराम राजकीय महिला महाविद्यालय
साँपला (रोहतक)



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MESSAGE FROM THE PRINCIPAL



Belief in your creative capacity lies at the heart of innovation

"It is the supreme art of the teacher to awaken joy in creative expression and knowledge."

– Albert Einstein.

It gives me immense pleasure to present this edition of our college magazine, a platform that reflects the creativity, talent, and intellectual spirit of our students. A magazine is not merely a collection of writings, but a mirror of young minds – full of dreams, reflections, and aspirations.

As you turn these pages, you will witness the dedication, imagination, and hard work of our students and faculty who have made this publication possible. I firmly believe that such endeavors nurture creativity, encourage self-expression, and strengthen the academic and cultural fabric of our institution.

Dear students, I urge you to embrace curiosity, uphold values of integrity and empathy, and continue striving for excellence in all spheres of life. Education is not only about acquiring knowledge but also about shaping character and building resilience to meet life's challenges.

I congratulate the editorial team, contributors, and all those who have worked tirelessly to bring this magazine to fruition. May this edition inspire every reader to think deeply, act wisely, and dream fearlessly.

With best wishes for your journey ahead.

Dr. Santosh Hooda
Principal
HES-I

FROM THE CHIEF EDITOR'S DESK



"Education is the most powerful weapon which you can use to change the world."

Nelson Mandela

It is with great pride and joy that I present this edition of our college magazine. A magazine is more than just a compilation of articles, poems, and stories; it is a celebration of ideas, creativity, and youthful energy. It provides a space where students can express themselves freely, share their perspectives, and showcase their unique talents.

As the Chief Editor, I am deeply inspired by the enthusiasm and dedication of our contributors. Their voices reflect not only knowledge but also imagination, compassion, and a vision for the future. I believe that such platforms are vital in nurturing confidence, sharpening intellect, and building a sense of community among our students.

Dear students, remember that your words and actions have the power to shape not just your own journey but also the society around you. Let this magazine be a reminder that creativity flourishes when courage meets hard work, and

that every small effort adds to a larger purpose.

I extend my heartfelt gratitude to our Principal for constant guidance, to the faculty for their encouragement, and to the entire editorial team for their tireless efforts. May this issue inspire every reader to think boldly, dream ambitiously, and strive for excellence.

Chief Editor
Dr. Sunil Chauhan
Associate Professor

OUR SPORT STARS



Seema
BA III Year



Saloni
BA III Year



Priya
BA II Year



Bharti
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Muskan
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===== 2024-25 =====



Art : Science Section

Editor

Mr. Krishan Kumar

Assistant Professor in Chemistry

Student Editor

Muskan/Saloni

B.Sc. Final Year

1221291015003/015



Editorial : Science

**"Science is not just about discovering the world - it's about creating the future.
Step into the unknown and become the architect of tomorrow."**

A Bright Future Awaits in Science

Science has always been the cornerstone of human advancement, and today it plays a crucial role in solving global challenges. From medical breakthroughs to sustainable energy solutions, science continues to shape our world in remarkable ways. The future of science is incredibly promising, with endless opportunities for those who are passionate, curious, and eager to innovate. At Sir Chhotu Ram Government College for Women, Sampla, we take immense pride in fostering an environment where students can explore the boundless potential of science.

We encourage our students to dive deep into the world of science, knowing that their creativity and problem-solving abilities can lead to groundbreaking discoveries. Science offers a platform for women to lead, as seen in the inspiring contributions of women scientists throughout history. It is our hope that the students at our college will rise to the challenge, shaping the future with their knowledge and determination.

To all the students who have participated in the science section of this year's Vivikta Magazine, I extend my heartfelt congratulations. Your enthusiasm, research, and contributions are a testament to the incredible potential you hold. I wish you all continued success as you pursue your scientific journeys, whether in the classroom, the laboratory, or in future careers.

I would also like to express my sincere gratitude to the Chief Editor Dr. Sunil Associate Professor English for giving me the opportunity to contribute to this prestigious magazine. It is a privilege to be part of this inspiring academic community.

Mr. Krishan Kumar
Science Section, Annual Magazine



Student Editorial

"The Building Blocks of life: Unlocking the Secrets of chemistry".

Chemistry is the science of transformation. It's the art of taking simple elements and combining them to create complex molecules that make up our world.

From the air we breathe to the food we eat, Chemistry plays a vital role in our daily lives. At the heart of chemistry lies the periodic table, a map of the elements that make up our universe.

I feel proud and thankful to be a part of this college. My days in college are precious memories of enjoyment together with studies and interaction with our teachers. The support of the faculty members help me in scoring good human being. I have experienced Science exhibition that was organized in our college. As well as many science activities were performed in our college that help me to boost my academic skills as well as increase my knowledge also. Chemistry is not just a subject; it's a way of thinking, a language that describes the world around us. As we continue to push the boundaries of human knowledge, chemistry will remain an essential tool for understanding the universe.

I am pleased to learn about the publishing of our college magazine the for the year 2024-2025 being a part of student editorial of science section of the college magazine.

Thanks to Assistant Prof. Mr. Krishan Kumar for giving me such a golden opportunity.

Muskan/Saloni
B.Sc. Final Year
1221291015003/015



"Quantum Computing"

Dr. Paramjeet
(Physics)

In 1918, Max. Plank gave the maiden concept of energy quantum and won the Nobel prize in Physics. This theory revolutionised our understanding of atomic and subatomic process. Also, in 1921 Albert Einstein's discovery of the photon (i.e. a quantum of light energy) provided a solid support for the journey. In 1980, the idea of quantum computing originated from the human brain and in 1996, Grover's came up with an algorithm to search your name in unsorted database. Grover's algorithm and the law of super-positioning makes this possible. Now a days, a quantum computer is defined as a machine that performs calculations based on the laws of quantum mechanics (Q.M.), which are the behaviour of particles at the sub-atomic level.

In existing computers, all information is expressed in terms of 0s and 1s and the entity that carries such information is called a "bit". A bit can be either a 0 or 1 states at any one moment of time but on the other hand a quantum computer uses a 'quantum bit' or 'qubit' instead of a bit. A qubit also makes use of two states (0 and 1) to hold information but a qubit can take on properties of 0 and 1 simultaneously at anytime. So, it is quite interesting that two qubits in this state can express the four values of 00, 01, 10 and 11 at one time. This property makes the computers not just the next generation of computers but the computers which are superfast in nature with unique properties called Quantum Computers.

The very special properties like superposition or the ability of a quantum particle to exist in multiple states at the same time is used in quantum computers to supercharge calculations in a way that traditional computers are incapable of doing. Interaction of one qubit with another allows for a kind of parallel processing that is not possible in normal computers where data processing happens one step at a time, even though at lightning speed. In February 2025, Microsoft company claimed a breakthrough in quantum computing technology, much like artificial intelligence (AI) that holds the promise of performing task beyond the capabilities of current technologies including supercomputers.

Quantum computing can process massive amount of data, complex in nature and can solve difficult scientific and commercial problems in a much faster speed. Quantum computing can be used to protect secure web pages, encrypted email and generate new encryption technologies. This technology can be used in ultra-secure and super-dense communication and large molecular simulations with improved error-correction and error-detection. It will increase significantly the speed of searching and computer simulations and provide faster solutions to quantum chemistry problems. So, this technology is going to be a major milestone not just in the field of quantum computing, but also in the field of physics.

Waste Age: A Global Crisis

The dichotomy between 'nature' and 'culture' has long been a subject of debate, but one aspect that is rarely addressed is the world of waste. Waste, in its many forms, blurs the boundaries between nature and culture, becoming something that no one wants to own, discuss, or even acknowledge. However, it is exactly this "waste" that unites nature and culture, merging them both on a planetary and microscopic scale.

Waste is not simply a by-product of human culture; it has become an integral part of it. We have cultivated a culture of waste, and today, we live in a "Waste Age." The Anthropocene, or the age of human-driven planetary change, highlights the new geological layer we are creating—an artificial crust composed of our discarded remnants: fossil fuel residues, bottle tops, and cigarette butts. Living in the Waste Age acknowledges both the geological and economic implications of this growing crisis. It is a reality where culture produces not only remarkable architecture and innovations but also a staggering number of plastic bags—millions every minute. Only by fully understanding the scale of this crisis can we begin to pivot our society and economy toward more sustainable, eco-friendly practices in production, consumption, and living.

The concept of waste as we understand it is only around 250 years old. Wastefulness is not an inherent human trait—rather, it's something we were taught. Over time, we have created massive heaps of waste, unable to properly address or treat them. The era of disposability, which began after World War II, marked a significant shift in society. Supermarkets and a "help-yourself" culture necessitated individually packaged products for easy access and shelf stability. This culture of convenience reached its peak with the rise of takeaway culture, and plastics became the most commonly used and discarded material.

By 1950, the global production of plastic stood at around 2 million tons annually. In 2019, it surged to 368 million tons, with more plastic being produced in the last decade than in all of previous history. Almost half of all plastic waste (47%) comes from packaging, while 13% comes from textiles. It is estimated that nearly every piece of plastic ever produced and not incinerated—still exists somewhere, in some form. The world's oceans are now home to more than 5 trillion pieces of plastic, with at least 33% of this plastic waste being managed poorly or not at all. On average, a person generates anywhere from 0.11 kg to 4.54 kg of waste per day, depending on their financial situation.

Waste has become central to modern life, and while we can't completely eliminate waste, we must find ways to manage it better. Waste production, particularly from plastics, has become one of the major drivers of climate change. Plastic production is the second-largest industrial source of greenhouse gases, while methane emitted from landfills contributes significantly to global warming. By 2080, it's



projected that the largest metal reserves will not be found underground but in circulation as existing products. For example, approximately 7% of the world's gold reserves are trapped within electronics, which is now encouraging the idea of "above-ground mining."

One of the primary solutions to this issue is recycling, but it remains a limited and insufficient option. The current recycling systems are far from perfect, and it's evident that they often do more harm than good. For instance, more than half of the plastic that Britain claims to recycle ends up being shipped abroad to be dumped or incinerated, with over 200,000 tons of recycled plastic being discarded in Turkey alone in 2020. The very notion of recycling is often a façade, misrepresenting the true scale of the waste problem.

E-waste is another significant issue, as the largest percentage of waste is produced before the product even reaches the consumer. The mining and manufacturing processes contribute to waste that no recycling system can fully remedy. Since much of this waste occurs "upstream"-before the product even reaches the consumer-the responsibility for addressing this issue falls on governments to enact proper legislation. Addressing waste requires a holistic approach, looking at every stage of a product's lifecycle, from extraction to decomposition.

If every product was assessed based on the amount of waste it produces or its expected lifespan, it would force a drastic shift in the way we produce and consume. Our aesthetic preferences might need to evolve as well. After nearly a century of glorifying smooth, shiny plastics, we may need to embrace irregularity, imperfection, and decomposition as acceptable and even valuable qualities.

To achieve meaningful change, it will require significant political will, large-scale investment, radical legislation, unprecedented cooperation, and long-term thinking, which has often been lacking at the global level. The future will tell whether we can truly make the sacrifices necessary to end the Waste Age, or whether we will continue to discard the planet like another piece of waste. There are a growing number of initiatives around the world focused on material innovation and reshaping the way products are made. For instance, Amazon has reduced per-shipment packaging weight by 36% and eliminated more than a million tons of packaging over the last six years, which is equivalent to over 2 billion shipping boxes.

The 20th century may have been a time of abundance, a "summer of plenty", where we consumed and discarded without care. The 21st century, however, will be defined by an autumn of scarcity, where we must become more resourceful, cautious, and conscious of the resources we have left. Only by rethinking how we interact with materials and waste can we hope to build a more sustainable future.

Mr. Krishan Kumar
Assistant Professor in Chemistry



Chemistry

The Glorious truths of Chemistry, if they are
read aright, will ever wake in you and me Sweet
sources of delight.

It tells of what the rocks are made,
The earth, the sea, the air,
The jewels in earth's surface laid,
How floods are formed, and clouds collected.
And wind and tempests blow,
The earth's gay surface so.....
And how the tints are formed that deck
And all the treasures there
How in the air the meteors start,
And muttering thunders roil,
And how the forked lightnings dart,
And flash from pole to pole.
And O! how many a lovely sight
The eye is made to see,
That reads to merry tales aright,
of charming Chemistry.

Khushi

B.Sc Final year
1221291015007

Dream on Chemistry

I have a nice dream,
Dream to make poems,
Hundred plus in a day,
Today is the day,
To make poems on Chemistry.
It will cover physical Chemistry,
It will cover organic Chemistry,
It will cover inorganic Chemistry,
It will cover analytical Chemistry,
There is just to cover entire areas in life,
To show the chemistry of poems,
And to make my own periodic table,
Based on my poems,
A periodic table for poems !!

Priya

B.Sc. Final year
1221291015016

Periodic Table A to Z

A is for Aluminium, so shiny and white
B is for Boron, sometimes black as the night.
C is for calcium (good you your health).
Dis for Dubnium (you wouldn't have it on your shelf).
E is for Einstienium, my favourite element of all
F is for Francium hardly any found on earth at all
G is for Gold, expensive and rare
H is for Hydrogen, it is first element there
I is of Iodine (used for cleaning your cuts)
J is for nothing, absolutely no buts
K is for Krypton, doesn't really hurt superman
L is for Lead, church rooves are a fan.
M is for Magnesium, making metals light.
N is for Nitrogen in the air day and night.
O is for Osmium, it's rarer than gold
P is for Phosphorus, use it to light up the fire when it's cold.
Q is for Quartz, made of Oxygen and silicon.
R is for Ruthenium, sometimes used in toggle switches to turn stuff off and on.
S is for silver, sometimes and used in microchips
T is for Tin stops, the rest on grips.
U is for Uranium, radioactive and green.
V is for Vanadium, don't cut yourself on it or you'll scream
W is Tungsten's sign
X is for Xenon, its density is five point mine
Y is for Yttrium you can find it in Cabbage
Z is for Zinc "Baahh Zinc is average"

Nidhi

B.Sc. 3rd Year
1221291015004

Chemistry in Labs

In Labs of Science, we explore,
The world of elements galore,
Atoms dance and Molecules bond,
Chemistry's mysteries we respond.

Mixing potions, colors change,
Reactions swift and patterns arrange,
Acids, bases, a PH scale,
In the lab, we never fail.

From Hydrogen to oxygen's breath,
Chemical wonders, life's foundation death,
Periodic table, a chart so grand,
Elements unique across the land.

Ionic covalent, bond so strong,
chemical equations, a puzzle to prolong,
with flask and beaker, we concoct,
In the world of chemistry, we're locked.

So Young scientists, let's ignite,
A passion for chemistry, shining bright,
Atoms and Molecules, secrets to unroll,
A universe of wonders to extol.

Anjali

B.Sc. 3rd Year
1221291015002

The Magic of Chemistry

Atoms and molecules, tiny and bright,
Chemistry's magic shapes day and night.
From reactions that change, to bonds that
form,
It makes our world lively, and far from the
norm.

In every element, in every space,
Chemistry's wonders are all over the place.
From food to medicine, it plays its part,
A science of beauty, a work of art!

Harshika

B.Sc. 3rd year
1221291015018

Chemistry (Periodic Table)

Elements, so many to see,
In the periodic table, a chemistry spree
from hydrogen to helium
through the rows,
Each element's story, it surely Knows.
carbon, oxygen, nitrogen too,
Building blocks of life, it's true.
Metals, non-metals and noble gases,
from lithium to uranium, they reside,
Atomic numbers, symbols, side by side.
chemical reactions, Bonds that form,
the periodic table, a scientific norm.

Pushpa

B.Sc.III year
1221291015012

The World of Inorganic Chemistry

In the world of elements, Simple and pure,
Inorganic chemistry helps us explore.
Metals and minerals, with structures so bright,
From compounds and bonds, a true delight.

From salts in the sea to metals we mine,
It's the science of substances, both solid and fine.
No carbon in sight, but plenty to find,
Inorganic chemistry expands the mind.

Oxides and acids, ions that roam,
Forming new compounds, finding their home.
A world of reactions, silent and grand,
Inorganic chemistry shapes the land.

Nidhi

B.Sc. 3rd year
1221291015011

Mental Health: A Public Health Issue

"There is hope, even when your brain tells you there is not."

Mental health, though often overlooked, is an essential aspect of our overall well-being. It encompasses our emotional, psychological, and social health, influencing the way we feel, think, and behave. While society tends to prioritize physical health, mental health is equally crucial for achieving optimal performance in all areas of life. The state of our mind significantly affects our emotional reactions, our mental resilience, and, ultimately, our physical fitness.

Numerous health professionals emphasize that mental, social, and emotional well-being are vital components of overall health. We must learn not to overreact to challenges and setbacks, as these are inevitable parts of life. While there are no physical exercises like those for the body to strengthen the mind, practices such as yoga, meditation, and reading motivational books can help build emotional strength and resilience.

To raise awareness about the importance of mental health, October 10th is observed as World Mental Health Day. The purpose of this day is to encourage open conversations about mental health issues and highlight the importance of making conscious efforts to improve mental well-being worldwide.

Conclusion: The mind is the most powerful organ in the body. When it is out of balance, it can disrupt the functioning of every other part. Achieving both physical and emotional fitness is the key to success and fulfilment in life. Therefore, it is vital to maintain a balance between mental and physical health, and seek help when needed, ensuring that neither falters.

Saloni

B.Sc. 3rd year

Roll No. 1221291015015

We, the students of science, Attend the classes like noble gases.

Inert, quiet, but not so passive,
Though the course is quite massive.

Bohr's Model and Newton's law,
The scientists' efforts and their flaws,
The derivations, though we cram,
Yet always we laud in jam.
The chemical equations, not so volatile,
The constants seem too fragile.
A minus and a plus here,
Just ask the teachers, marks are where?

A line extra, a line missing,
A fault too big, the test unpleasing.
Physics is like an unsolved mystery,
Boring and dry, that is Chemistry.

The exam days are drawing near,
All of us are full of fear.
The intelligent students have started revision,
The books bring stars before my vision.

The teachers are trying to complete the course,
Students are full of worries and woes.
No one wants to sit for the examination,
At least I want to go out of the station.

Alas! No chance to escape,
Better to say, "Sour is the grape."

Muskan

B.Sc. 3rd Year

Roll No. 1221291015003



To The Brilliant Chemistry Department

In the heart of the college,
where knowledge blooms,
The Chemistry Department lights up the rooms.
With beakers and test tubes,
experiments unfold,
Where secrets of atoms and molecules are told.

The staff, so dedicated, with wisdom and grace,
They ignite the passion,
set the knowledge in place.
Guiding each student with patience and care,
Teaching us concepts that are beyond compare.
From acids to bases, from reactions so grand,
They make complex formulas easy to understand.
Their lectures, like sparks, fuel the fire within,
Inspiring us all, to explore and to win.

Through the lab's rich aroma of chemicals so pure,
They show us the magic, the science, the cure.
With every equation, each trial, each test,
The brilliance of chemistry shines at its best.

So here's to the staff, with gratitude and cheer,
For making the world of chemistry crystal clear.
For every lesson, every thought, every idea,
Your passion for science is truly sincere.

With your guidance, the future seems bright,
As we chase the mysteries of day and night.
Forever we'll cherish the path you've paved,
For in chemistry's world, we're forever saved.

Muskan
B.Sc. 2nd Year
Roll No. 1232680010

Science..

The world is ruled by science,
This truth will be known by these lines;
By the law of gravity, we walk on ground,
The human ear can't hear ultrasound;
The science of spectacles is known all,
The Plant cells are guarded by cell wall.
What can be a better example than the food we eat,
with a number of reactions the meal does great.
Sodium is a reactive metal,
Poisonous chloride was used in battle;
But these elements from sodium chloride,
It's explanation is out of my mind.
The nuclear weapons were made by science;
They are harmful to nature were explained by science.
Now I can't get anymore lines,
on this already complex science.

Sneha
B.Sc. 2nd Year
Roll No. 1242881010

Chemistry Poem

As we are Scientist, We are Scientists,
As we observe the oceans, lands and sky.
We ask questions.
How, what and why?
We do guesses...
Hypothesizing why?
We do experiments...
which we more than once
Try!
Don't forget the apparatus.
The Beaker, cylinder, etc...
We always get A Plus ...
Cause we study Plethora.

Saloni
from B.Sc. final year
Roll No. 1221291015015



Magnetism

North- North
South-south
poles of magnets
will repeal
against each other
push away
just like people
they repel
like from like
same from same
spinning round
a circle game
'til north and south
stay together
just like people
friends forever
quiet-loud
friendly-shy
it is an earthy fact
our planet is a magnet.
Opposites attract.

Kirti

B.Sc. Final Year
1221291015005

Great Chemistry

Oh! Great chemist
In the olden days
Cooking is by woods
Octane is doing the work now
Gas is aiding it
Chemistry of all course
The bedrock of science
The only foundation with solid silicate and
 CaCO_3
If I can be given life
I wish a chemistry life
where reaction is possible

Anshu

Class - B.Sc. final Year
Roll No. -1221291015025

Topic : Ode to chemistry

In the heart of the lab, where the beakers gleam,
Molecules dance in a vibrant dream.
With a swirl of colours, reactions ignite,
In the world of the small, we find pure delight.

Atoms collide in a cosmic embrace,
Electrons whirling in a delicate race.
From hydrogen whispers to carbon's strong hold,
The stories of matter in silence unfold.

Periodic wonders, each element sings,
from gold shining luster to the joy sulphur brings.
With bonds that unite, and forces that bind,
In the tapestry of nature, true beauty we find.

Acids and bases, a delicate play,
Neutralization's magic, in a colourful display.
Catalysts spark, igniting the flame,
In the dance of reactions, no two are the same.
From the depths of the ocean to the stars up above,
Chemistry whispers the secrets of love.
In every reaction, in every new phase,
We uncover the mysteries, in awe we gaze.

So here's to the chemists, both young and the wise,
With goggles and lab coats, they reach for the skies.
In the quest for knowledge, let curiosity flow,
For in the world of chemistry,
There's always more to know.

Let's celebrate science, with passion and cheer,
For in every experiment, the universe is near.
With each drop and each measure,
we're writing our fate,
In the language of atoms, we communicate.

Kavita

B.Sc. 1st year
1242881008

Science: The Hidden Treasure

Science is like a hidden treasure,
Not too hard to measure.
It's built on logic and reason,
At times, it seems like magic in season.

Science uncovers countless mysteries,
Rooted deeply in chemical histories.
It reveals various chemistries,
Like branches on a mighty banyan tree.

Science is a gift, a powerful boon,
Taking us to the stars and the moon.
It's the symbol of quiet brilliance,
Unveiling the excellence of existence.

Science teaches the Earth's rotation,
The gradual moves, its constant motion.
It offers us resources untold,
Exploring the forces that shape the world.

When science joins with math's grace,
It creates wonders that time can't erase.
Science stands tall, bold, and great,
Building bridges of success and fate.

Muskan

B.Sc. 1st Year

Roll No. 1242881007

Chemistry Fun Jokes

1. Why did the attacking army use acid?
To neutralize the enemy's base.
2. Why do chemist like nitrates so much?
They're cheaper than day rises.
3. Why did the white bear dissolve in water?
Because it was polar.
4. Why do you do with a sick chemist? If you
can't helium, and you can't curium, then you
might as well as barium.
5. Oxygen, hydrogen, sulphur, sodium and
phosphorus walk into a bar. "OH Snap!" says
the bartender.
6. What's a chemistry teachers favourite thing
to teach about?
Ammonia, because it's pretty basics stuff.
7. Why are chemists great for solving
problems?
Because they always have a solution.
8. Why should you go drinking with neutrons?
Because whenever they go, there's no
change.
9. Loss an electron?
Gotta keep on ion it.
10. What do you call a tooth in glass of water?
A one molar solution.

Shruti

B.Sc.IIInd Year

1230268002

Microplastic : How they are polluting our oceans and food chains

Microplastics are tiny plastic particles, usually smaller than 5 mm. They come from broken-down plastic waste personal care products and even synthetic clothes that shed tiny fabrics when washed.

Every year millions of tons of plastic waste end up in ocean. Large plastic items such as bottles and bags, breakdown into tiny pieces over time due to sunlight, waves and bacteria. They are harmful to marine life in several ways. Fish, turtles and other sea creatures often mistakes microplastic for food. When small fish eats microplastic, larger predators consume them. This way plastic pollution moves up the food chain. Microplastic are present in tap water, bottled water and even rain water.

Microplastic cause inflammation and cell damage in the body. Hormonal imbalances due to toxic chemicals, Digestive and respiratory issues.

We can reduce micropollution by reducing plastic use, choosing natural fabrics, use microscopic filters, supporting recycling and cleanup efforts. Microplastic are a growing thread to our oceans, marine life and food chain.

While we cannot remove all microplastic from the environment, reducing plastic use and promoting sustainable alternatives can help protect our planet and our health.

Priyanshi

B.Sc. 1st year

Roll no. 1242881003

The Chemistry of Everyday Life

Unveiling the science behind the Ordinary

Chemistry is often viewed as a complex and abstract field, confined to the walls of laboratories and classrooms. However, the truth is that chemistry is all around us, playing a crucial role in our daily lives. From the food we eat to the products we use, understanding the chemistry behind these elements can enhance our appreciation for the world we inhabit. In this article, we will explore some fascinating aspects of chemistry that impact our everyday experiences.

1. The chemistry of cooking:-

Cooking is a perfect example of chemistry in action. When we heat food, we are not just applying heat; we are initiating a series of chemical reactions. For instance, the Maillard reaction, which occurs when proteins and sugars are heated together, is responsible for the Browning of meat and the development of complex flavours in baked goods. Understanding these reactions can help us become better cooks, allowing us to manipulate flavours and textures to our advantage.

2. The science of cleaning:-

Household cleaning products are a blend of various chemicals designed to tackle dirt, grease and germs. Surfactants, for example, are compounds that lower the surface tension of water, allowing it to spread and penetrate more effectively. This is why adding soap to water makes it easier to clean surfaces. Additionally, disinfectants often contain chemicals like bleach or alcohol, which kill bacteria and viruses through oxidation. Knowing how these products work can help us use them more effectively and safely.

3. The chemistry of personal care:-

The cosmetics and personal care industry is another area where chemistry plays a vital role. Emulsions, which are mixtures of violent water, are the foundation of many lotions and creams. Understanding the chemistry behind emulsification can lead to better formulations that enhance skin hydration and texture.

Conclusion:-

Chemistry is not just a subject confined to textbooks, it is a dynamic and integral part of everyday lives. By understanding the chemical principles that govern our world, we can make informed choices about cooking, cleaning etc. As we continue to explore the wonders of chemistry, we unlock the potential to innovate and improve our quality of life. So, the next time you cook a meal, clean your home, or apply your favourite lotion, take a moment to appreciate the chemistry at work behind the scenes.

Neha
B.Sc. 1st Year
1242881012



The Wonders of Everyday Science

Science is not just about complex experiments and rocket launches-it is present in our daily lives in ways we often overlook. From the invisible waves that power our internet to the fascinating process behind cooking, science shapes our world in countless ways. Have you ever wondered why the sky is blue or how sunscreen protects your skin? In this article, we will explore some intriguing scientific phenomena in simple terms, revealing the hidden science behind everyday life.

Why Do We Dream?

Dreams occur during the REM (Rapid Eye Movement) stage of sleep when the brain is highly active. Scientists believe dreams help process emotions, strengthen memories, and spark creativity. Some dreams are influenced by our daily thoughts, fears, or desires. Fun fact: The longest dream a person can have lasts up to 45 minutes! Also, blind people dream using their other senses like sound and touch instead of visual images.

The Science Behind Cooking

Cooking is a combination of chemistry and physics. Heat causes chemical reactions that change the texture, color, and taste of food. For example, the Maillard reaction makes toast brown and gives it a rich flavor. Boiling, frying, and baking all affect food differently due to temperature changes. Fun fact: Carrots were originally purple, but Dutch farmers cultivated orange ones in the 17th century!

How Sunscreen Protects Us from UV Rays

Sunscreen acts as a shield against ultraviolet (UV) rays, which can cause sunburn, premature aging, and even skin cancer. It contains ingredients like zinc oxide and titanium dioxide, which reflect or absorb UV radiation before it reaches your skin. SPF (Sun Protection Factor) indicates how well a sunscreen blocks UV rays. Fun fact: The highest SPF recorded is 100, but no sunscreen provides 100% protection!

Why is the Sky Blue?

Sunlight appears white but is actually made up of seven colors (VIBGYOR). When sunlight enters Earth's atmosphere, blue light waves scatter the most because they are shorter and travel in smaller waves. This makes the sky look blue. During sunrise and sunset, the sky appears red or orange because light has to travel through more atmosphere, scattering blue light away. Fun fact: On Mars, the sky appears reddish during the day and blue at sunset!

Harshita

B.Sc. II

Roll No.12302680001

GLOBAL WARMING

Global warming is a phenomenon where the earth's average temperature rises due to increased amounts of greenhouse gases. Greenhouse gases such as carbon dioxide, methane and ozone trap the incoming radiation from the Sun.

The main threats of climate change, stemming from the rising temperature of earth's atmosphere including rising sea levels, ecosystem collapse and more frequent and severe weather. Rising temperature from human caused greenhouse gas emission affects planet - wide systems in various ways.

Global warming can result in many serious alternations to the environment, eventually impacting human health. It can also cause a rise in sea level, leading to loss of coastal land, a change in precipitation patterns and threats to biodiversity.

We cannot stop global warming overnight, we can slow the rate and limit the amount of global warming by reducing human emission of heat-trapping gases and soot.

Khushi

B.Sc. IIInd Year

1230268805

Vivekita

===== 2024-25 =====



Mathematics Section

Editor

Mr. Satish Kumar

Associate Professor in Mathematics

Student Editor

Tannu

B.Sc. III Year



Editorial

It gives me immense pleasure to introduce maths editorial in forthcoming issue of our college magazine 'Vivekita'. Over the year, the institution provides the students with opportunities to explore and grow, through situations that changes them to identify their strength and reinforce them. So this magazine is a powerful medium for the expression of their ideas, thoughts and creative abilities. This magazine is a medium to give chance to enhance their abilities and creativity in the subject. The words of greatest scientist Albert Einstein aptly speak of our vision, "I don't teach our children. I create conditions for them to learn". Keeping in view the above ideas our college magazine is to be viewed, designed and conceptualized as launched for the students creative urges to blossom naturally. I feel exuberant to acclaim that we are ready with all new hopes and hues to bring out interest in mathematics subject.

I would like to extend my sincerely thanks to our Principal Dr. Santosh Hooda, Editor Chief Dr. Sunil Chauhan and other editorial staff and students whose tremendous efforts and strong determination has made the dream of publishing the magazine Vivekita. In addition I would like to express my gratitude to our mathematics student-editor and maths students for their whole hearted contribution.

Mr. Satish Kumar
Associate Professor of Mathematics



Student Editorial

Mathematics in Everyday Life

Every subject contains information necessary to become a knowledgeable and functional member of our society. As we know more technologically dependent technical reasoning is needed for survival. Mathematics is no longer just a subject taken by the elite. Now it has rightfully become staple in our educational systems even though it is not appreciated by many people until it is needed. Those who do not appreciate math are those who do not understand what math is all about. Maths is all about solving problems. To me, Mathematics is an essential tool that is crucial to understanding our environment, it gave birth to advanced technological development which has improved our quality of life. Everybody uses math whether they realise it or not. Shoppers use math to calculate charge tax. Cooks use math to modify the amount a recipe will make. Vacationers use math to find time of arrival. Mathematics is all about balance in daily life to make it positive, realistic and easy. That was one of the greatest roles of mathematics to BALANCE!

There had been beautiful things so as ugly thing there had been good people or bad, positive and negative aspect of life one thing that balances the easy living is the toughness and hardness of thinking mathematics and applying it into our daily lives and before understanding about math just listen its souls what say to us.

Tannu
B.Sc. III Year
1221291015006



Real World application of Mathematics

Mathematics isn't just about abstract equations it's a powerful tool with real world application that shape our daily lives from basic calculations to complex scientific advancements and is crucial in field like finance, engineering and technology.

Here's a glimpse into how mathematics impacts our world:-

- Shopping and budgeting : Calculating discounts with sales taxes and managing finances.
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- Business and finance : Analysing data predicting trends and managing investment.
- Accounting : Calculating financial ratios and statements.
- Risk assessment : Evaluating and mitigating potential risks.

Ravina

Class – B.Sc. 1st year

Roll No. – 001

Maths Article

Mathematics is interwoven with the fabric of nature and the universe, revealing intricate patterns and underlying structures that govern everything from the smallest cell to the largest galaxy from Fibonacci sequences in nature to the mathematical universe hypothesis, maths provides a language to understand and quantify the world around us.

Examples of mathematics in Nature:-

- Fibonacci sequence:- This sequence (1, 1, 2, 3, 5, 8.....) appears in the arrangement of petals on flowers, spirals in pinecones and shells and the branching of trees.
- Fractals:- These self-similar patterns, like coastlines or snowflakes demonstrate the mathematical principle of repeating structures at different scales.
- Symmetry:- Nature showcases symmetry in various forms from the bilateral symmetry of animals to the radial symmetry of flowers.
- Spirals:- From the arrangement of seeds in a sunflower to the paths of galaxies, spirals are a common mathematical pattern in nature.
- Cellular Mathematics:- Mathematical concepts like multiplication and division are vital for understanding cell division and growth.
- The role of mathematics:-
 - Mathematics provides a framework for understanding and predicting natural phenomena.
 - It allows us to quantify relationships and identify patterns in the world around us.
 - Mathematical models are used in various fields, including physics, biology and engineering to simulate and understand complex systems.
 - Mathematics is a universal language that transcends cultural and linguistic boundaries, allowing scientists and researches to communicate and collaborate effectively.

Kashish

Class - B.Sc. 1st year

Roll No.- 1242881011

Angles and Circles

Have I "The spirit of orthodoxy"?
I have not. But have I
The spirit of opposing? Perhaps -

I remember my mother complaining
"Criticize when you have a house
of your own, if you ever have one,"

And I "believe in your Utopia"?
No. But it is a proper idea,
Utopia, it is proper to hope.

That things may be better, for instance,
And go on being better, it is proper
Not to piss our corrosion over

The beds of the flowers, if miracles will
Not occur, there should be
Mutations; not that I fancy.

Either Christ with a pistol (he used,
I reflected, to turn us over,
Naked, to demons) or Big shots

Whose nature and actions are mercy.
For my neck not the stiff collar
of the Men of the state, or of God,

And not that soft collar.God's Men
Affect when they ape us
in a bonhomous mufti,

And not the kind worn often in sleet
By free-thinking offspring of shelly
Aggressive, and left untenderly

Kavita

Class - B.Sc. 1st year
Roll No.- 1242881009

Ode to Math

In numbers we trust, in patterns we see,
A world of equations, where logic runs
free. From angles and lines to the
curves that we trace,
Math paints the universe, a beautiful space.
With each title problem, a puzzle to crack,
In the dance of the digits, there's no
looking back.
So here's to the math, both simple and grand,
A language of wonder, a world we can understand.

Payal Rana

Class - B.Sc. 1st year
Roll No.- 02

"Math is everywhere"

Math is a number, shape and lines,
Counting, patterns and design.
It helps us measure, add and find,
Rules that keep the world aligned.
Math is here, math is there,
It's in science, it's in air!
From the stars up in the sky,
To the way we bake a Pie!
One plus one is two, you see,
Math is in geometry!
Angles, circles, points and squares,
You can find maths everywhere!
Money, time and speed we track,
Even when we're counting snacks!
Graphs and charts, they help explain,
How we win or lose a game!
Math is here, math is there,
It's in science, it's in air!
From the stars up in the sky,
To the way we bake a Pie!

Anshika

Class - B.Sc.1styear
Roll No. - 1240264216

Maths Article

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 - Mathematics is a universal language that transcends cultural and linguistic boundaries, allowing scientists and researchers to communicate and collaborate effectively.

Kashish

Class - B.Sc. 1st year

Roll No.- 1242881011

The Beauty of Mathematics : Unravelling the Secrets of the Universe

Mathematics is often perceived as a dry, complex subject relegated to the confines of academia. All our lives we've preconditioned to believe that maths is all about formula. But if there's one thing we've learnt with in these red brick walls, as a students of Mathematics, it is that Maths is far from that. The journey through the laboratory of Mathematics is largely incomplete without sheer intuition and imagination. It's the ability to think outside the box and apply yourself creatively, while maintaining scientific integrity. When we first entered SCR Government College for Women, we were told to unlearn all that we had learnt before and to look at the same problem from myriad perspective and truly understand why we do what we do. The "formula" for living our lives is not very different; we must stop following rules blindly without understanding why they were put there in the first place. My days in college are precious memories of enjoyment together with studies and interaction with our teachers. The support of the faculty members helps me in scoring good human being. I have experienced Maths workshop firstly organised in our college. That workshop helps me to boost my academic skills and not just limited to classroom learning. Mathematics is not just a subject; it's a way of thinking, a language that describes the world around us. As we continue to push the boundaries of human knowledge mathematics will remain as essential tool for understanding the universe and solving complex problems. So, the next time you encounter a mathematical concept, remember that it's not just a formula or equation – it's a key to unlocking the secrets of the universe.

Thank you and good luck for your bright future.

Saloni, B.Sc. 3rd Year

Roll No. - 1221291015015

The Beauty of Mathematics : More than Just Numbers

The language of the Universe:-

Mathematics is often referred to as the "Language of the Universe". This phrase captures the essence of how mathematical concepts can describe natural phenomena. For instance, the Fibonacci sequence, a series of numbers where each number is the sum of the two preceding ones, appears in various biological settings, such as the arrangement of leaves on a stem or the pattern of seeds in a sunflower. This connection between math and nature illustrates how mathematical principles can help us understand complex systems.

The Joy of Problem Solving:-

One of the most rewarding aspects of mathematics is the joy of problem solving. Engaging with mathematical challenges stimulates critical thinking and fosters creativity. Whether it's solving a complex equation or unraveling a puzzle, the process of finding a solution can be immensely satisfying. This aspect of mathematics encourages perseverance and resilience, skills that are valuable in all areas of life.

Conclusion:-

Mathematics is far more than a collection of formulas and equations, it is a rich and diverse field that connects us to the world in profound ways. From the beauty of nature to the intricacies of art and the advancements in technology, math is an essential part of our lives. As we continue to explore and appreciate the beauty of mathematics, we unlock new possibilities and deepen our understanding of the universe. So, the next time you encounter a mathematical concept, take a moment to appreciate the elegance and wonder it brings to our world.

Neha

Class - B.Sc.1st year

Roll No. - 12

Topic the joy of fun and Recreational Mathematics

Mathematics is often seen as a serious and complex subject, but it also has a fun side. Recreational mathematics explores fascinating puzzles, patterns and tricks that make math enjoyable for everyone. Whether you love solving brain teasers, playing mathematical games or discovering hidden patterns, fun maths offers endless excitement.

Mathematical puzzle challenges our problem solving skills and logical thinking. Some examples include :- Sudoku, Magic Squares, The Monty Hall Problem. Mathematics plays a big role in many games and sports. Chess, for example, involves strategic calculations and probability. Even video games use mathematical algorithms for graphics, AI behaviour and physics simulations. In sports, mathematics helps in scoring systems, predicting outcomes and optimising player performance.

Mathematics is full of beautiful and surprising patterns. Some famous examples include:- The Fibonacci sequence, Pascal's triangle and Palindromic Numbers. Many magic tricks rely on mathematical principles. One classic example is the "Pick a Card, And Card" and another famous trick is "Mathematical card shuffling".

Mathematics is more than just equations and formula, it's an exciting and playful subject. From brain teasers to magic tricks, fun and recreational mathematics keep your mind engaged and curious. Whether you are a student, teacher or just someone who enjoys a good challenge, exploring the fun side of maths can turn learning into an adventure.

Priyanshi

Class – B.Sc. 1st Year

Real World Application of Mathematics

Mathematics isn't just about abstract equations, its' a powerful tool with real world application that shape our daily lives, from basic calculations to complex scientific advancements and is crucial in field like finance, engineering and technology.

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- **Shopping and Budgeting** :- Calculating discounts, Sales taxes and managing finances.
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- **Time Management** :- Scheduling events and planning activities.
- **Business and Finance** :- Analyzing data predicting trends and managing investments.
- **Accounting** :- Calculating financial ratios and statement.
- **Risk Assessment** :- Evaluating and mitigating potential risks.

Moni

Class - B.Sc. 1st year

Roll No. - 08

MATH

- Math is like a time
it never stops.
- Math is a book
you can't close it till it's done.
- Maths is a smile
it can be happy and evil.
- Math is like glue
Once you know it, you can't forget it.
- Math is like a sword,
When you mess up it hurts.
- Math is like a rainbow
It has a treasure at the end.

Pushpta

From B.Sc. Final Year

1221291015012

MATHS ABOUT ME

Numbers, Numbers All Around.
Everywhere they can be found.
Numbers Tell How Old I Am.
And How Many People In My Fame.
How Much I Weigh And Just How Tall
Where I Live, And That's Not All!
Numbers Are A Part Of Me.
Money, Time And History.
When To Wake Up And When To Eat.
What Size Shoes To Buy For My Feet.
How Much Money Something Costs.
A Number To Call If My Dog Gets Lost.
I Don't Know Where I Would Be,
If Numbers Weren't A Part Of Me!

Priya

B.Sc. Final Year

1221291015016

Vivekita

2024-25



हिन्दी विभाग

सम्पादिका

डॉ. सविता हुड्डा

सहायक प्राध्यापिका

विद्यार्थी सम्पादिका

सीमा



प्रिय विद्यार्थियों।

प्राचीन समय में भारतीय संस्कृत आचार्यों ने काव्य विशेष के संदर्भ में काव्य के तीन हेतुओं की पहचान की है जो इस प्रकार हैं प्रतिभा, व्युत्पत्ति तथा अभ्यास। प्रतिभा मनुष्य में जन्मजात होती है व्युत्पत्ति समाज में संघर्ष के परिणाम स्वरूप उत्पन्न ज्ञान है और अभ्यास का तात्पर्य समाज में हो रहे निरंतर कार्यों से रचनात्मक का विकास है। सामाजिक दृष्टि से हमारा महाविद्यालय ऐसा ही मंच है जिसके भीतर सभी विद्यार्थी, शिक्षार्थी इन तीनों को रचनात्मक रूप देते हैं।

सभी शिक्षार्थी इस समाज में रहकर सामाजिक परिवेश में घट रही घटनाओं से सीखते हैं और महाविद्यालय की गतिविधियों में भाग लेते हुए सृजन चिंतन से अपने आप को समृद्ध बनाते हैं। इस चिंतन के फलस्वरूप विद्यार्थियों में सृजनात्मकता का प्रभाव एवं संचार होता है। विद्यालय की इस पत्रिका का मुख्य लक्ष्य यही है कि विद्यार्थी अपनी शिक्षा के साथ-साथ और भी गतिविधियों में बढ़-चढ़कर भाग ले एवं स्वयं को और अधिक प्रतिभाशाली एवं गुणात्मक प्रतिभा के धनी बनाएं।

प्रस्तुत पत्रिका में वर्ष भर की विभिन्न क्रियाकलापों का परिचय देते हुए महाविद्यालय की उपलब्धियां एवं प्रतिभाओं को भी रेखांकित किया गया है। पत्रिका में लेख, कहानी, कविताएं ज्ञान विज्ञान से संबंधित विभिन्न विचार एवं लेख शामिल किए गए हैं जिन्हें पढ़कर विद्यार्थी अपने ज्ञान में विज्ञान में बढ़ोतरी कर सकते हैं और स्वयं को प्रगति के पद पर अग्रसर कर सकते हैं।

धन्यवाद।

डॉ. सविता हुड्डा

सहायक प्राध्यापिका - हिन्दी विभाग



प्रिय सहपाठी ।

हमारे महाविद्यालय की पत्रिका के माध्यम से मैं अपने विचारों को आपके सामने रखना चाहती हूँ । यह मेरे लिए सम्मान की बात है कि इस महाविद्यालय को छात्रा होने के नाते इस पत्रिका के माध्यम से महाविद्यालय द्वारा छात्राओं को दी गई सुविधाओं और कॉलेज जीवन के सफर को आपके समक्ष रखना चाहती हूँ । हमारा महाविद्यालय विद्या का मंदिर है जहाँ हमारे बुद्धि स्तर ज्ञान के साथ-साथ व्यवहारिक जीवन के विकास में महत्वपूर्ण भूमिका अदा करता है । कॉलेज का जीवन स्कूल के जीवन से बिल्कुल अलग होता है कॉलेज में प्रवेश के बाद कॉलेज जीवन हमें स्वतंत्र होना सिखाता है यह हमें मजबूत बनाता है और अपने फैसले खुद लेने के लिए सक्षम बनाता है । कॉलेज में पढ़कर अपने भविष्य को एक नया रूप दे सकते हैं इसी प्रकार मैंने भी सर छोटराम महाविद्यालय के बारे में जितना सुना था उससे कई गुणा ज्ञान स्तर, बहुत अच्छा वातावरण है तथा यहां पर लड़कियों के लिए अनेक प्रकार की सुरक्षा व्यवस्था देखने को मिलती है जिसमें बस सुविधा तथा कमजोर वर्ग की छात्राओं की शिक्षा के लिए स्कॉलरशिप जैसी सुविधाएं भी उपलब्ध कराई जाती हैं यहां पर एक पुस्तकालय भी है जहां पर हजारों किताबें पढ़ने के लिए रखी हैं मेरा कॉलेज अपनी पढ़ाई और शिक्षा के लिए प्रसिद्ध है मुझे इस महाविद्यालय में पढ़ते हुए पांच साल हो गये और मैंने देखा है कि यहां के अध्यापक वर्ग द्वारा लड़कियों के ज्ञान स्तर को बढ़ावा देने के साथ-साथ उनके जीवन में उच्च मुकाम हासिल करने के लिए प्रोत्साहित किया जाता है । यहां का अध्यापक वर्ग अपनी जिम्मेदारी बड़े कर्तव्य निष्ठा से निभाता है यहां पर लड़कियों की हर प्रकार की समस्याओं का समाधान किया जाता है चाहे वह समस्या पारिवारिक है या मानसिक हो ।

हमारे कॉलेज में पढ़ाई का विशेष ध्यान रखा जाता है मेरे कॉलेज में बहुत खूबियां हैं मुझे अपने कॉलेज पर गर्व है तथा यहां के अध्यापक वर्ग पर भी बहुत गर्व है । जिन्होंने हमें इस मुकाम तक पहुंचाने का काम किया है मैं अपने इन पांच सालों का वर्णन संक्षेप में करती हूँ ।

आपने बंद पिंजड़े में कैद थे, एक उड़ान दी आपने खुला आसमा और नई एक मुस्कान दी आपने, पर तो थे पर सकून ना था डड़ तो सकते थे पर जूनून न था, जब हीसले की छाया पड़ी आपकी तब उड़ना सीख गये, अब हवाओं से ही क्या तूफानों से भी लड़ना सीख गये, जो उड़ गये एक बार तो बहुत काम करेंगे, फ्यूचर में आपका बहुत नाम करेंगे यह मेरा सौभाग्य है कि मैं पत्रिका के माध्यम से अपने विचार आपके समक्ष रख रही हूँ ।

नाम-सीमा
एम.ए. द्वितीय वर्ष
रोल नं०-222129154032

शिक्षक

जीवन में जो राह दिखाए,
सही तरह चलना सिखाए।
मात- पिता से पहले आता,
जीवन में सदा आदर पाता।

सबको मान प्रतिष्ठा जिससे,
सौखी कर्तव्यनिष्ठा जिससे।
कभी रहा न दूर मैं जिससे,
वह मेरा पथदर्शक है जो।

मेरे मन को भाता,
वह मेरा शिक्षक कहलाता।

कभी है शांत, कभी है धीर,
स्वभाव में सदा गंभीर,
मन में दबी रहे रो इच्छा,
काश मैं उस जैसा बन पाता,
जो मेरा शिक्षक कहलाता।

Anamika

B.A. Ist year History Hons
1242331004

सफलता

सफलता से धोड़ी दूरी है,
क्योंकि तैयारी अभी अधूरी है,
वक्त लगेगा और मुझे, पर
लक्ष्य पर नजर पूरी है

सपने देखे जो, बहुत बड़े,
उनकी जिम्मेदारी मेरी है,
आंखों में अब नींद कहां,
कहां हिम्मत मैंने हारी है,

बढ़ूंगी और हासिल करूंगी,
पूरी कोशिश जारी है,
होगा एक दिन ऐसा भी,
जब कहूंगी, हां, आज मेरी बारी है।।

Himanshi

M.A. Ist year (History)
2241790016

भ्रष्टाचार

हमारे देश में भ्रष्टाचार कई सदियों से चला आ रहा है और यह दिन प्रतिदिन बढ़ता ही जा रहा पर है। एक पद विशेष पर बैठे हुए व्यक्ति का अपने पद का दुरुपयोग करना ही भ्रष्टाचार कहलाता है। ऐसे लोग अपने पद का फायदा उठाकर कालाबाजारी, गबन, रिश्वतखोरी इत्यादि कार्यों में लिप्त रहते हैं जिसके कारण हमारे देश का प्रत्येक वर्ग प्रभावित होता है। इसके कारण हमारे देश की आर्थिक प्रगति को भी नुकसान पहुंचाता है। भ्रष्टाचार दीमक की तरह है जो कि धीरे- धीरे हमारे देश को खोखला करता जा रहा है।

हमारे देश में प्रत्येक सरकारी कार्यालय, गैर - सरकारी कार्यालय और राजनीति में भ्रष्टाचार कूट - कूट कर भरा हुआ है जिसके कारण आम आदमी बहुत परेशान है। इसके खिलाफ हमें जल्द ही आवाज उठाकर इसे कम करना ही होगा नहीं तो हमारा पूरा राष्ट्र भ्रष्टाचार की भेंट चढ़ जाएगा। वर्तमान में सभी देशों में भ्रष्टाचार एक प्रमुख समस्या है, भ्रष्टाचार के कारण ही आज भी हमारा भारत देश विकासशील देश ही बना हुआ है। हमारे देश में चाहे कोई भी सरकार आ जाए लेकिन भ्रष्टाचार खत्म होने का नाम ही नहीं लेता। यह दिन- प्रतिदिन अपनी जड़ें और मजबूत करता जा रहा है। हमारे यहां के लोगों में अब भ्रष्टाचार दिनचर्या में शामिल हो गया है क्योंकि जब भी वह किसी कार्य को करवाने जाते हैं तो उसके लिए रिश्वत देनी पड़ती है रिश्वत के बिना कोई अधिकारी कार्य ही नहीं करता है यह हमारे देश के लिए बहुत ही दुर्भाग्यपूर्ण स्थिति है।

दीवानों की हस्ती

हम दीवानों की क्या हस्ती,
है आज यहाँ, कल वहाँ चले,
मस्ती का आलम साथ चला,
हमधूल उड़ाते जहाँ चले।

आए बनकर उल्लास अभी,
आँसू बनकर वह चलेअभी,
सब करते ही रट गए, ओरे,
तुमकैसेआए, कहाँ चले?

किस और चले? यह मत पूछो,
चलना है, बस इसलिएचले,
जगसे उसका कुछ लिए चले,
जग का अपना कुछ दिए चले?

दो बातकहीं, दो बात सुनी,
कुछहैसेऔर कफर कुछ रोए।
छककर सुख-दुख के घूँटो को
हम एक भाव से पिए चले।

हम भिखमंगों को दुनिया में,
स्वच्छंद लुटाकर प्यारचले,
हम एक निशानी - सी उ पर,
लेअसफलता का भार चले।

अब अपना और पराया क्या?
आबाद रहें रुकनेवाले।
हम स्वयं बंधे थे और स्वयं
हम अपने बंधनतोड़ चले।

बरसात

बरसात है तुओं की रानी
चारों तरफ बरसा है पानी
लोगों ने है छतरी तानी

कल तक उड़ती थी जो मुंह तक
आज पैरों से लिपट गई
चंद बूँदे क्या बरसी बरसात की
धूल की फितरत ही बदल गई

बारिश में भीगना, गुजरे
जमाने की बात हो गई
कपड़ों की कीमते, मस्ती से
कही ज्यादाहो गई

गरज गरज मेघा वर्षा लाई
धरती से सीधी खुशबु आई
बिजली कड़क रही गगन में
गर्मी से लोगों ने राहत पाई

पेड़ डाली हिला स्वागत किया
मोर ने पंख फैलाया
बच्चे भी आंगन में आए
छम छम कर नाचे गाए

Preeti

Class – B.A. 3rd Year

Roll No. – 115

Ruby

Class – B.A. 1st year

Roll No. – 1240264051

बेरोजगारी

प्रस्तावना :- आज हमारे देश में बेरोजगारी बहुत ही गंभीर समस्या बन चुकी है। बेरोजगारी किसी भी देश के विकास में एक बाधक है।

बेरोजगारी का अर्थ :- बेरोजगारी का अर्थ है इच्छा एवं योग्यता होते हुए भी व्यक्ति को उचित रोजगार का न मिलना।

बेरोजगारी के कारण :- वर्तमान समय में बेरोजगारी कई कारणों पर निर्भर करती है। जिनमें प्रमुख कारण निम्नलिखित हैं।

जनसंख्या में वृद्धि :- देश की जनसंख्या में तेजी से होती वृद्धि बेरोजगारी के प्रमुख कारणों में से एक है।

शिक्षा प्रणाली :- हमारे देश में शिक्षा की कमी बेरोजगारी का एक मुख्य कारण है, क्योंकि हमारे देश में रोजगार प्रदान करने वाले शिक्षा नहीं बल्कि सिर्फ किताबों तक सीमित रहने वाली शिक्षा प्रणाली है।

उद्योगों के विकास में कमी :- देश में उद्योगों का विकास बहुत धीमी है, जिससे लोगों को रोजगार नहीं मिल पाता।

बेरोजगारी की समस्या के लिए समाधान :- बेरोजगारी को सम्पूर्णतः नहीं किया जा सकता। सही दिशा में कुछ प्रयास करने से वो कम हो सकती है।

सबसे पहले हमें जनसंख्या कम करने के लिए खुद जागरूक होना पड़ेगा।

दूसरी चीज यह है कि शिक्षा प्रणाली में परिवर्तन लाना बहुत आवश्यक है। व्यावसायिक तथा तकनीकी शिक्षा पर अधिक जोर देना होगा।

लोगों के लिए रोजगार के अधिक अवसर बनाने के लिए सरकार को औद्योगिक क्षेत्र को बढ़ावा देने की जरूरत है। साथ ही सरकार को अधिक रोजगार पैदा करने के लिए विदेशी कंपनियों को अपनी इकाइयों को देश में खोलने के लिए प्रोत्साहित करना चाहिए।

उपसंहार :- बेरोजगारी देखने में तो केवल एक आर्थिक समस्या नजर आती है, परंतु इसका सम्बन्ध समाज की शांति व्यवस्था और युवकों के मनोविज्ञान से भी है। हलांकि सरकार के द्वारा बेरोजगारी को खत्म करने के लिए बहुत से कदम उठाये जा रहे हैं। परंतु परिणाम संतोषजनक नहीं मिले हैं।

अतः यह आवश्यक है कि सभी मिलकर इस समस्या का समाधान निकालने की कोशिश करें।

Ruby

B.A. 1st year

12402264051

सुंदर मन, गोरे रंग से बेहतर

आज के समय में बाहरी सुंदरता को अधिक महत्व दिया जाता है, लेकिन सच्ची सुंदरता व्यक्ति के मन और विचारों में होती है। गोरा रंग लोगों का ध्यान आकर्षित कर सकता है, लेकिन एक सुंदर मन हमेशा दिलों पर राज करता है और जीवनभर याद रखा जाता है।

सुंदर मन वह होता है जो सकारात्मक, सोच, दया और सहानुभूति से भरा होता है। जो व्यक्ति दूसरों की मदद करता है, सच्चे मन से सभी का सम्मान करता है और खुशियाँ बाँटता है, वही असल में सुंदर कहलाता है। ज्ञान, समझदारी और अच्छे विचार व्यक्ति को न केवल समाज में आदर दिलाते हैं, बल्कि जीवन में सफलता के द्वारा भी खोलते हैं।

इसके विपरीत, केवल गोरा रंग या बाहरी सुंदरता किसी व्यक्ति के अच्छे या बुरे होने का प्रमाण नहीं होती। समय के साथ बाहरी सुंदरता फीकी पड़ जाती है, लेकिन एक सुंदर मन हमेशा चमकता रहता है। अच्छे संस्कार, मधुर वाणी और सच्ची भावना से भरा मन ही व्यक्ति की असली पहचान बनाता है।

अंत में यह कहना उचित होगा कि गोरा रंग केवल आँखों को आकर्षित कर सकता है, लेकिन सुंदर मन हमेशा दिलों को जीतती है।

Pooja

B.A. 1st year

1240264001

मैंबोझ नहीं हूँ

झाम हो गई अभी तो घूमने चलो
न पापा, चलते-चलते थक गई,
कंधे पे बिछा लोन पापा।
अंधेरे से डर लगता है।
सीने से लगा लो न पापा।
मम्मी तो सो गई आप ही
थपकी देकर सुलाओ न पापा।
स्कूल तो पूरा हो गया,
अब कश्चलेज जाने दो न पापा।
पाल पोस कर बड़ा किया,
अब जुदा तो मत करो न पापा।
अब डोली में बिठा ही दिया है
तो आंसू तो मत बहाओ न पापा।
आपकी मुस्कराहट अच्छी है।
एक बार मुस्कराओ न पापा।
आपने मेरी हर बात मानी,
एक बात और मान जाओ न पापा।
इस धरती पर बोझ नहीं मैं,
दुनिया को समझाओं न पापा।

बेटी बचाओबेटी पढ़ाओ

Manisha
Roll No. - 199
Class - B.A.1st

महाशक्ति के रूप में भारत

तकनीक जाने वाला युवा अब्दुल कलाम बने। IIT, NIT से पढ़ने वाला छात्रा NASA के लिए नहीं अपितु ISRO के लिए काम करें। हम क्रिकेट, हॉकी, फुटबाल, कबड्डी खेल तो भारत के लिए खेलें। यदि कोई हेमादास दौड़कर नारी सशक्तिकरण का उदाहरण देते हुए स्वर्ण जीते तो वह भारत के लिए जीते। कृपारे गाँव का युवा आगे आए और देशहित में नीरज चोपड़ा की तरह भाला फेंके।

Khushi
B.A. IInd
Roll No.-1230264069

बरसात

बरसात है ऋतुओं की रानी
चारों तरफ बरसा है पानी
लोगों ने है छतरी तानी
कल तक उड़ती थी जो मुंह तक
आज पैरों से लिपट गई
चंद बूंदें क्या बरसी बरसात की
धूल की फितरत ही बदल गई
बारिश में भीगना, गुजरे
जमाने की बात हो गई
कपड़ों की कीमते, पस्ती से
कही ज्यादा हो गई
गरज गरज मेघा वर्षा लाई
धरती से सीधी खुशबू आई
बिजली कड़क रही गगन में
गर्मी से लोगों ने राहत पाई
पेड़ डाली हिला स्वागत किया
मोर ने पंख फैलाया
बच्चे भी आंगन में आए
छम छम कर नाचे गाए

Preeti
B.A.3rdyear
115

जिंदगी

जिंदगी के सफर में
राहों में मुश्किलें होंगी
पर जो दिल से जाए
बोहर मुश्किल को
आसानी से पार करेंगे
पसंद जरूरी नहीं की हम
सबको पसंद आए, वस
जिंदगी ऐसे जियो के रब को पसंद आए

Name - Aaniya
Class - B.A.1st year
Roll No.-1240264013

खूशबू

किसी गजरे की खूशबू को महकता छोड़ आया हूँ,
मेरी नन्ही सी चिड़िया को चहकता छोड़ आया हूँ
मुझे छाती से अपनी तू लगा लेना..... ऐ भारत माँ,
मैं अपनी माँ को बाहों को तरसता छोड़ आया हूँ।
मेरे जज्बातों से इस कदर वाकिफ हूँ मेरी कलम
मैंइश्क भी लिखना चाहू तो भी
इंकलाब लिख जाता है।

Megha
Class -BA 1st Year
Roll No. - 1240264042

हिम्मत

तेरी हिम्मत तेरी लड़ाई से
जानी जाएगी
और तेरी किस्मत तेरी पढ़ाई
से जानी जाएगी।

आजरास्ताबना लिया है,
तो कल मंजिल भी मिल जाएगी
हीसलों से भरी यह कोठी। एक
दिनजरूर रंग लाएगी।

हरकठिनाइयों से अब तुझे
आगेबढ़ना है,
तू रुक नहीं अभी तो तुझे
और पढ़ना है।

Name - Neha
Class - B.A.1st year
Roll No.- 1240264108

समय

ये समय सोचने का नहीं,
ये समय कुछ करने का है,
समय यू ही बर्बाद नहीं कहना
क्योंकि यह समय पढ़ने का है।

रुकावट आती है सफलता की राहों में,
ये कौन नहीं जानता,
फिर भी मंजिलपा ही लेते हैं,
जोहार नहीं मानता।

अशिक्षित को शिक्षा दो
अज्ञानी को ज्ञान,
शिक्षा से ही बन सकता है,
भारत देश महान।

Vivekita

2024-25



Art : English Section

Editor

Dr. Pritam

Associate Professor

Student Editor

Chanchal Sharma

Student Editor

B.A 2nd Year, 1230264114



Editor Message

"Language is the road map of a culture.
It tells you where its people come from and where they are going."

– Rita Mae Brown

It gives me immense pleasure to present this issue of our college magazine from the desk of the English Department. A magazine, in many ways, is a dialogue—a meeting point of thought and expression, where creativity finds its voice. For us in the English Department, this platform is particularly meaningful, as language remains the most powerful tool for shaping ideas, building connections, and inspiring change.

English today is not only a medium of literature and academic pursuit, but also a bridge that connects diverse cultures and societies. It opens doors to knowledge, global opportunities, and meaningful communication. At the same time, it nurtures within us the ability to think critically, express sensitively, and understand deeply. In a world that increasingly values dialogue and collaboration, the study of English equips us to participate actively and responsibly in the larger society.

To our dear students, I encourage you to view English not merely as a subject, but as a companion in your intellectual and personal journey. Let literature broaden your imagination, let language refine your expression, and let communication empower you to leave an impact on the world.

I express my heartfelt appreciation to our Principal, faculty, and student contributors whose creativity and dedication have shaped this edition. May this magazine inspire all of us to cherish the beauty of words and the power they carry to transform both individuals and communities.

Dr. Pritam
Department of English



Student Editor

Dear readers

As we welcome the new academic year, it is my pleasure to introduce the latest edition of our college magazine. 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 have included articles, essays and poetry that highlight different aspects of diversity, such as culture, language, ethnicity and moreover health care.

In these pages you'll find stories of dreams, stories of and aspirations.

I want to extend my gratitude to everyone who has contributed to this magazine. Their dedication and hard work are evident on every page.

Chanchal Sharma

B.A 2nd Year

Roll No. 1230264114

Words of Wisdom

- ◆ "Success is getting what you want; happiness is wanting what you get".
- ◆ It is better to fail in originality than to succeed in imitation
- ◆ Nothing is impossible. The word itself says 'I'm possible'!
- ◆ Happiness is the secret to all beauty. There is no beauty without Happiness.
- ◆ Life is short, Spend it with people who bring out the best in you, not the WORST in you
- ◆ Do what is right not what is easy.
- ◆ Action speaks louder than words.
- ◆ Success starts with every challenge, not from The comfort zone.
- ◆ God's plan is always the best sometimes the process is painful and Hard.
- ◆ Everything is hard before it is easy.

Khushi

BA II

035

Success

Once in a small village, there lived a young boy named Raj. He was passionate about painting and his dream was to become a renowned artist. He would spend hours everyday sketching and painting but his work for from impressive. One day Raj heard about a famous artist. Mr. Patel who lived in a nearby town determined to learn from the best. He gathered his courage and set off to meet Mr Patel. When he arrived at Mr Patel Studio, He nervously showed his paintings and asked for guidance. Mr. Patel carefully examined Raj's work inside your paintingslack depth emotion and technique but I see your passion and dedication. If you're willing to learn, I will teach you. Raj agreed without hesitation from that day on he became Mr. Patel's Apprentice. He woke up early practiced tirelessly and absorbed every bit of knowledge. Mr. Patel shared however success was not immediate. Raj faced countless failures and rejections galleries turned down his work and critics dismissed him despite these setbacks. Raj kept painting improving with each brush stroke. He remembered Mr. Patel's words success is a journey not destination year passed and One day Raj received an invitation to showcase his work at a prestigious art exhibition his painting filled with emotion and depth left the audience in all critics praised him and his art work sold for high prices. Raj's Story spread far and wide inspiring countless others to pursuer their dreams with determination. He learned that failure is not the end but a stepping stone toward success. The Moral of the story is that failure is a part of the journey to Success.

Preeti

Class - BA 3rd year
Rollno.1221291002142



Water Pollution

Water pollution is a serious issue caused by harmful substances entering water bodies. Industry waste, agricultural runoff, and sewage contaminate the water, posing risks to plants, animals, and humans. Pollution disrupts aquatic ecosystem, leading to the death of fish and the decline of plant life. Consuming polluted water can result in illnesses and diseases. It is crucial to address water pollution to safeguard both the environment and public health. Efforts should focus on preventing pollution sources and implementing effective cleanup measures to ensure access to clean water for all.

Rani

B.A final

12212910023838

Child Labour

Child labour is the exploitation of children through any form of work that interferes with their ability to attend regular school, or is mentally, physically, socially and morally harmful. Such exploitation is prohibited by legislation worldwide, although these laws do not consider all work by children as child labour; exceptions include work by child artists, family duties, supervised and some forms of work undertaken by Amish children as well by Indigenous Children in the Americas.

Pushpa

Class: B.A. III year

Roll no: 1221291002308

Health and Fitness

Good health is a boon to your body. It helps you physically and mentally. Good health can be maintained by doing regular exercise and maintaining a well-balanced diet. It is imperative to eat proper meals at the appropriate time. The key source of being happy is fit and healthy. It helps us to perform our daily chores properly without being lazy or dull.

Muskan

Class: B.Com III year

Roll no: 019

Global Warming

Global Warming is a major atmospheric issue all over the world. Our earth's surface becoming hot day by day trapping the sun's heat and rise in the level of atmospheric Carbon dioxide. The bad effects of it increasing day by day and causing major problems to the living of human beings. It has become one of the subjects of big social issue which need social awareness to a great level, people should know its meaning, causes, effects and solution to solve it immediately. People should come forth together and try to solve it in order to save.

Rekha

B.A. Final Year

1221291002068





Positive Approach

Teary eyes and face with a frown,
I was sitting alone at the beach.
Looking at the sand light brown,
Thinking about my life and breach.

Looking at a boy running around,
Playing with his dog, I found.
Sitting beside me he said,
Your face so sad what made?
Stupid situations of my life,
Feels like killing them with a knife.

He said look around for a while,
There is so much for you to smile.
Look at the colourful balloon,
They teach us something true.
The say not everyday is a bright boon,
Gray days will one day get a sue.

Waves tell you to never stop,
Life is like a beautiful broach.
One day you will reach the top,
Just wear it with a positive approach.

Muskan

B.A. Final Year
1221291002263

Women Empowerment

Women Empowerment means empowering females in many ways. In education, in household, in Politics, in Private Sector everywhere. It means to Gender equality between male and female. In United Nations this is also discussed that how to address barriers to equal opportunity and violence against women. Empowering women make a difference and change the World. There is a need of empowering women in every aspect to develop the country. But it never means to talk only about Women it about educate Women in everything that they never misuse their rights and became the well-educated so that no-one misuse them.

Preeti

B.A. III
1291291002115



A Beautiful mind is better than a Fair Complexion

In today's world, where outer beauty is often given more importance, it is essential to understand that true beauty lies within the mind. A Fair Complexion may attract eyes, but a beautiful mind wins hearts and leaves a lasting impact on others.

A beautiful mind reflects kindness, intelligence and Positivity. People with good thoughts, empathy and a helping nature are always admired. They inspire others, spread happiness, and make the world a better place. Intelligence and wisdom empower a person to overcome challenges and achieve success, which no physical beauty can ever guarantee.

On the contrary, a fair complexion without good character is like a book with a beautiful cover but empty pages. Outer beauty fades with time, but the beauty of a mind full of knowledge, kindness, and Positive thoughts remains forever.

In the end, it is not the color of the skin but the light of the mind that truly makes a Person Shine.

Dare to Dream

Close your eyes and let,
your imagination fly away, see a picture of where
you wish to be one day.
Let the colors of your heart take command
to paint the picture of your
dream and place it in your hand.
Hold on tightly and nurture it, but allow it room to grow.
When you reach your dream, open your hand and let it go.
Close your eyes and search for another caring for it as before.
Never stop searching, achieving and
letting go for that's what dreams are your

Heena

BA final year
1221291002046

Women Empowerment

Women's empowerment can be defined as promoting women's sense of self-worth, their ability to determine their own choices and their right to influence social change for themselves and others.

It is closely aligned with female empowerment - fundamental human right that's also key to achieving a more powerful, prosperous world.

In western countries, female empowerment is often associated with specific phases of women's right movement in history. This movement leads to be split into three waves, the first beginning in 19th and early 20th century where suffrage was a key feature. The second wave of the 1960s included the sexual revolution and the role of women in society. Third wave feminism is often seen as beginning in 1990s. But despite a great deal of progress, women and girls continue to face discrimination and violence in every part of world.

"A woman with a voice is, by definition, a strong Woman."

Priyanka

B.Sc. II year
1230268009

Each Day Can Be A Good Day

Sometimes when things go wrong it is
not easy for us to forget,
The joy that we have experienced
and the good fortune that we've met.
Those rough times become good times to
cherish friends that we have known
Of the favors that they've shown,
To think of the fun-filled times we've spent,
Nice places that we've been
Of the beauty that life offers us time and again
A day when things go wrong,
don't give up rather embrace the
memories and think of the joyous days.
Live young Live free Live Joyfully

Komal

B.A. 3rd year
1221291002066

MOTHER

You hear my pain where
Everyone else goes deaf
You always make smile
When I think I can't
You listen to my secrets
And makes them yours.
You give me a hug when
I can't find my voice.
You wipe away the tears that
The world makes me weep.
You mean more to me
than you' ever know.
You are my inspiration
You are my guardian
You are my MOTHER.

Khushi

B.A. II
69

TIRED OF MY LIFE

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

Homework piles high, exams loom near,
I yearn for moment, a pause, a tear.
In this whirlwind of books 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 journey, full of bends,
And though it is tough, it all depends.
On how I see the world so wide,
I'll find the strength to enjoy the wide.

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

NATURE

The Blooming flowers
Knew, beauty ends leaves
Knew this life is not permanent any way
The visiting rain drops
Knew everybody are not meant to stay
The shining stars
Knew one day we all will Fade away

Falguni

B.A. II
061

Vivekita

===== 2024-25 =====



Commerce Section

Editor

Dr. Ritu Rani

Assistant Professor in Commerce

Student Editor

Priyanshi

(Commerce)

1221291003021



Editor Message

"Do not limit yourself. Many people limit themselves to what they think they can do. You can go as far as your mind lets you"

Dr. APJ Abdul Kalam

Education becomes a catalyst in a person's personality development. It introduces a person to different perspectives and thus, helps in providing a clear and broad vision to an individual. It encompasses one with a more solution-oriented approach and better understanding and analysing skills. It also develops discipline inside an individual. Our ideas, principles, and attitudes are shaped by our education. It can be instrumental in boosting an individual's self-confidence. Commerce opens a lot of opportunities to the young students worldwide. As Indian economy is one of the fastest growing economies in the world, the need for talented business professionals who can contribute to the growth of the country is also increasing simultaneously. To serve this vision, commerce department is providing quality education to the students.

Moreover, we also provide opportunities to students not only to strengthen their knowledge in the subjects such as accounting, management, economics, statistics and financial management but also enhance their abilities and talent in extra curriculum activities. The department tries its best to make students aware with innovation taken place in globalised era and prepare them to meet the challenges not only in the professional world but also in their personal life. The commerce department also organised various activities online as well as offline throughout the year such as quiz competition, career guidance programme, debates, poster making competition, role play and management games. There is also a strong emphasis on fostering humane and life-affirming values, on peace and on encouraging students to lead contribute lives.

As an editor of commerce section, the magazine gives me an opportunity to express my deep gratitude to students and teachers for their beautiful contribution to the magazine. They deserve appreciation and acknowledgement for their commitment for spreading knowledge. Their sense of team work and perseverance strengthens our belief in them. All the contributors have added to the quality of this edition and I would like to express thankfulness to them. I would also express thanks to the Principal, Dr. Santosh Hooda, for giving me this additional responsibility and I am sure that the readers would enjoy reading these articles and it would add to their knowledge pool.

Dr. Ritu Rani

Assistant Professor
Editor Commerce Section



Student Message

Continuous learning isn't a concept that applies only in business-it's a vital part of education as well. While many people see education as something that ends when you're 21 or so and graduate college, it doesn't have to be that way. Many a times qualification is used alternatively for education, but being qualified does not necessarily mean that one is educated. Enthusiastic and full of confidence we come out of our colleges to face the world without knowing whether we are qualified or educated.

A person who is missing key skills - like a supervisor who struggles with coaching-can hurt their team. Offering the opportunity to learn and practice these skills improves that supervisor's performance and up-levels the entire team. When you create a positive attitude in the workplace, you will see that all the team members are encouraged to be more productive. They communicate more effectively and develop more effort for the welfare of the organization. Value education helps in fostering and cherishing democratic qualities like liberty, equality, fraternity, justice, co-operative living, peaceful co-existence, respect to the dignity of individuals, sharing of responsibility, etc. Qualification is something that can be faked, bought or sold but not education, Qualification can get you a job, but not respect. If you have education, jobs, do not even matter.

Priyanshi
Student Editor (Commerce)
1221291003021



Unprecedented Crash in India's Stock Market in 2025

The Indian stock market witnessed a sharp decline after October 2024. The five key reasons behind today's decline are concerns about weak bank earnings, adjustments in the MSCI index, domestic institutional investors (DIIs) holding positions at higher levels, rising US bond yields, and foreign investors (FIIs) shifting funds from India to China. Indian equity benchmark indices, Sensex and Nifty, are facing a major plunge as they trade lower today. The slump was driven largely by steep losses in banking and IT stocks, as investors reacted to fresh tariff comments from U.S. President Donald Trump and braced for crucial GDP data.

The markets' decline was partly driven by several factors:

1. **Nervousness Ahead of GDP Data:** The prospect of slowing growth and weakening earnings momentum has made investors cautious as they await the release of December quarter GDP data.
2. **Uncertainty over Trump's stance on tariffs** has added to market volatility: Trump's announcement of tariffs on imports from Canada, Mexico and China has been a cause of market turmoil.
3. **IT Stocks In Deep Red:** The Nifty IT index witnessed a notable dip following overnight losses on Wall Street, especially after chipmaker Nvidia's fall.
4. **Rising Dollar Index:** The US. dollar is expected to strengthen further against other currencies, impacting emerging markets including India, pushing up the cost of dollar-denominated foreign investments and leading to capital outflows.
5. **FII Selling Continues:** Foreign Institutional Investors (FIIs) have steadily sold Indian shares worth 1,13,721 crore not in year 2025. Higher returns in the US bond market are prompting FIIs to withdraw from Indian equities and invest in US bonds instead.
6. **DIIs Holding Back on Investments:** While FIIs continue selling Indian stocks, DIIs are not stepping in aggressively to counter the selling pressure. This is because many DIIs have already invested at higher levels and are waiting for a clearer market trend before making further moves

Key guidelines for Investors

The combination of weak earnings expectations, global market trends, and shifting investment flows has led to a significant sell-off in Indian stocks. Until these factors stabilize, market volatility is likely to continue, there are some key guidelines for investor to minimize the risk of volatility:

1. **Understand your risk tolerance:**
Assess your financial goals and comfort level with market fluctuations to determine the appropriate level of risk you can take on.
2. **Diversify your portfolio:**
Spread your investments across different sectors and asset classes to mitigate risk and potentially improve returns.
3. **Focus on quality companies:**
Research companies thoroughly before investing, looking for strong financials, sustainable business models, and competent leadership.
4. **Invest for the long term:**
Avoid short-term trading strategies and prioritize long-term investment horizons to ride out market volatility.

Dr.Ritu Rani
Assistant Professor
Department of Commerce

Incubation Centre in Promoting Entrepreneurship Activities

Knowledge or technology transfer is one of the most important aspects in the innovation process. The phenomena apart from transferring or moving know-how or technical knowledge from one organization setting to another in a way help to develop the knowledge depository. Business or technology driven Incubation is gaining importance worldwide as an effective tool for augmenting the process of innovation and entrepreneurship. Entrepreneurship based on innovation has a tremendous potential to generate large scale employment and provide solutions to problems of the masses. The challenge is to provide the young innovative start-ups with adequate resources and the knowhow to build sustainable business and technology model. But it is seen that most of start-up are facing failure or rate of growth is very slow due to lack of quality mentorship, especially in terms of industry knowledge. Therefore, Indian government initiatives policy which lay emphasis on supporting and nurturing such innovators through business as well as technology driven incubation support. The economic policy of a nation has a pragmatic effects on its entrepreneurial ecosystem. The corrective economic policies provide an effective entrepreneurial atmosphere in the country. In India, early stage funding has been a key concern for the incubators. However, besides limitations in dispersing funds, the government agencies are the main financial supporters for promoting technology incubation in the country.

Business Incubation Centers are established to provide workspaces, lab spaces, research and technology assistance, management assistance marketing support, access to funds, mentoring, networking opportunities and overall support in start-up process under one roof. Incubation centers are basically the platform to commercialization research result from the academic periphery to industries via the platform of incubation. Besides commercializing technologies, the incubation process also enhances the innovation process by promoting entrepreneurial activities.

Total no. of Incubation center in India with their categories.

As of recent data, India has several incubation centers across the country that cater to different sectors, such as technology, agriculture, healthcare, and social enterprises. These centers are primarily designed to support start-ups, provide mentoring, and offer resources for early-stage businesses.

Here's an overview of the categories and the number of incubation centers in India:

1. Technology Incubators

These centers focus on fostering start-ups in the technology, IT, and innovation sectors.

Examples: T-Hub (Hyderabad), NSRCEL (Bangalore), IIT Incubators.

Number: Over 200 incubators across India.

2. Agricultural Incubators

Focus on agri-tech start-ups that work on innovations in agriculture, such as sustainable farming, food security, and precision agriculture.

Examples: Agri-tech Incubators at ICRISAT, NABARD's rural entrepreneurship programs.

Number: Around 50-60 agri-tech incubators.

3. Healthcare & Biotechnology Incubators

These centers support start-ups in biotechnology, healthcare innovations, and pharmaceutical sectors.

Examples: BIRAC (Biotechnology Industry Research Assistance Council) Incubators, Health Tech Incubators.

Number: 30-40 incubators focused on healthcare and biotechnology.

4. **Social Enterprise Incubators**

Support social entrepreneurship, focusing on solving societal problems such as poverty, education, healthcare, and sustainable development

5. **Women-Centric Incubators**

Focus on empowering women entrepreneurs and encouraging more female-led start-ups.
Examples: SHE (Self Help Entrepreneurs) Incubator, Women Entrepreneurs Network.

6. **State and Government-Run Incubators**

Government and state-supported initiatives aimed at promoting entrepreneurship and innovation across various sectors.

7. **University-Based Incubators**

Many universities in India run incubation centers to support student-led and faculty-led start-ups.

8. **Corporate Incubators**

Large corporations that run their own incubators to foster innovation, often with an eye on integrating start-ups into their business models.

Examples: Infosys Innovation Hub, Intel India's incubation center.

Number: Approximately 30-40 corporate incubators.

9. **Sector-Specific Incubators**

These incubators focus on specific industries such as energy, sustainability, manufacturing, and design.

Examples: Clean Energy Incubators, Robotics Incubators.

Ms. Mamta Rani
Assistant Professor
Commerce

INTERNATIONAL BUSINESS MANAGEMENT

With the globalisation and appreciable growth of the Indian economy, international business has got a tremendous boost. As they say the World has now become a global village and there is increase in business trade among different countries. Faster communication transportation and financial facilities facilitate and accelerate the process of international business. The growth in the international business sector in India is estimated as more than 7% per annum. There are exciting challenging and peoditable career opportunities in International business in terms of employment and entrepreneurial opportunities.

International Business Management or foreign trade includes both the export and import of goods and services i.e. all Commercial transactions whether private or governmental. It is a well-known fact that generally all countries wish to export more and more goods and import less and less goods for services for obvious reasons of generating income for their country. Broadly speaking, international business strives to achieve the foreign trade objectives of a country by integrating the export and import practices a various after the emergence of WTO (World Trade Organisation). In 1999 the international trade practices have been standardised and member countries have agreed to come under a broader network.

Shalu
B.Com 3rd Year
1221291003010

BUDGET 2025-2026

On 1st February 2025 the budget has been announced by the respected Finance Minister MRS NIRMALA SITHARAMAN and the budget is really appreciative. This budget is for middle class, defence, and for the development of the country. Now let's have look towards the numbers.

- No income tax up-to Rs. 12,00,000 for middle class.
- 6 lakh 81 thousand lakh crore allotted for Defence.
- 1,28,650 cr. For education.
- 98,311 cr. For health care.
- 5,48,649 cr. For transport infrastructure.
- 2,66,817 cr. For rural development.
- 96,777 cr. For urban development.
- 25,01284 cr. For state and UT's.
- 2,24,126 cr. For agriculture and rural development.
- 62,310 cr. For education and employment.
- 41,018 cr. For health and social welfare
- 88,445 cr. For infrastructure and industrial development.

Now, let discuss about some key factors of the budget:

- Loss of govt. of Rs. 1,00,000 cr. After the new tax system.
- Benefited up-to 50 lakh.
- The total receipts, other than borrowings, and the total expenditure now estimated at Rs. 34.96 lakh cr. And Rs. 50.65 lakh cr. Rs. Respectively. The net tax receipts are estimated at 28.37 lakh cr. Rs.
- Over 9% increase from last year in defence budget.
- Fiscal deficit is estimated this year is 4.4% approx.
- India to develop 100GW of nuclear energy by 2047 for energy transition.
- For that Rs. 20,000 cr. With the goal of having at least five indigenously developed SMR's.
- New income tax laws will carry forward.
- Makhana board will be established in Bihar.

Muskan

B.com Final Year

1221291003019

Benefits of Investing in the share market

1. **Wealth Creation:** Investor can grow their Capital over time.
2. **Portfolio diversification:** Investor can spread their Investment across different sectors to reduce risk.
3. **Dividend Income:** Some Companies pay dividends to investors providing a regular Income.
4. **Voting rights:** Investors who own shares have voting rights in Company decisions.
5. **Investment Gains:** One of the major benefits of investing in the stock market is that Investors get the chance to earn more money.
6. **Diversification:** Investors who put their hard earned money into multiple types of investment, a stock market investment deliver a major advantage by providing diversification.
7. **Dividend Benefits:** A dividend refers to a reward which the Company gives to its investors.
8. **Liquidity:** Stocks are generally known as liquid assets because they can be to easily converted to cash that consists of several buyers at any given point in time.

Rakhi , B.Com Ist Year

Roll No: 1240267002

ECONOMIC GROWTH

Economic Growth is the major key in the development of any country. And the growth of economy means the growth of a country. The developing countries like INDIA need to grow its economy for the development of the country. Now let's have a look towards the journey and the growth of the Indian economy. Before the foreign invasion INDIA was called the golden bird and India's trade was on another level. But after the foreign invasion Indian economy started declining but that time our economy was not so much declined according the U.K. based an organization which is called OXFAM Britishers looted more than 64 trillion dollars from INDIA which was the double of today's total GDP. Now where we lack let's understand after the independence country had to face many problems like un-stability of everything, poverty, pandemic etc. India had to recover from everything. And of-course one the main reason was the partition. And because of the East India Company and British rule INDIA has a fear of loosing its sovereignty again so INDIA restricted itself from foreign trade and imposed many rules and regulation in businesses because of this INDIAN ECONOMY starts declining and at one point country faced the problem of extreme poverty, inflation and un-employment and at that time our national gem DR. MANMOHAN SINGH took an entry in the frame as a Finance Minister of the country under the honorable Prime Minister DR. P.V. NARSIMHA RAO he carried out several structural reforms that liberalized India's economy. And during DR. MANMOHAN SINGH tenure as PRIME MINISTER OF INDIA the economic growth of INDIA was 8-9% in 2007 and became the second fastest growing major economy in the world.

In 2008 the INDIAN ECONOMY experienced a significant slowdown due to global financial crisis with a growth rate of 6.9%. In 2009-10 Indian economy bounce back with growth rate of 8.5% but stands at no. 11 in global economies. In 2014 the growth rate of INDIAN economy was 7.4% and stands at 10thplace in world. And then new political party came in frame and took their first step DEMONETISATION in 2016 which really effects the economy by higher long-term GDP due to increased tax money reinvested in the nation, encourages innovation by transforming cash into digital currency and boosting digital transaction etc. and the rank of Indian economy was at 7thplace in world with a growth rate of 8.3%. And because of government efforts like increasing foreign trade, making great relations with foreign countries, with signing of many trade agreements, and bringing in lots of foreign investments, trying to make India a manufacturing hub by manufacturing of Defence equipments in INDIA with the help of RUSSIA and FRANCE, and many more. Today INDIA is the 5thlargest economy in the world with a

Priyanshi

B COM Final Year

Roll No. 1221291003021

Warren Edward Buffett quotes.

Warren Buffett is well known American Investor.

- ❖ "Only buy something that you'd be perfectly happy to hold if the market shut down for 10 years".
- ❖ "I try to invest in business that are so wonderful that an idiot can run them".
- ❖ "Price is what you pay ; value is what you get".
- ❖ "Be willing to be different. Don't base your decisions upon what everyone is saying and doing".

Muskan

B.com 1st year

Roll No. 1240267011

E-COMMERCE

E-commerce stand for "electronic commerce" the buying and selling of goods and services over the internet, allowing customers to browse and purchase items from a digital storefront without physically visiting a store; a prime example would be buying a book on Amazon, where you select the book online, pay digitally, and have it delivered to your door, all through the Amazon website.

Key points about e-commerce:

Digital Transactions: the buying and selling of goods and services over the internet, allowing customers to browse and purchase items from a digital storefront without physically visiting a store; a prime example would be buying a book on Amazon, where you select the book online, pay digitally, and have it delivered to your door, all through the Amazon website.

Key points about e-commerce:

Digital Transactions: All transactions happen online, using digital payment methods like credit cards or digital wallets.

Variety of Models:

E-commerce can operate in different models, including Business-to-Consumer (B2C) where a company sells directly to consumers (like buying clothes from an online store), Business-to-Business (B2B) where companies sell to other businesses (like a wholesaler selling products to a retailer), Consumer-to-Consumer (C2C) where individuals sell to other individuals (like selling used items on eBay)

Advantages for businesses:-

- ❖ Cost reduction: Save on rent, utilities, and in-store staff
- ❖ Scalability: Respond to consumer demand by scaling up or down
- ❖ Customer data: Access customer data to better target consumer
- ❖ Customer retention: Cultivate repeat customers more easily

Tanisha

B.com 3rd year

1221291003003

BLACK MONEY

What is Black Money?

Black money is money that is earned through illegal activity or legal activity that is not reported for tax purposes. It is a serious problem for the economy because it reduces government revenue and increases inflation.

Black Money in commerce

- ❖ Black money is often received in cash from underground economic activity.
- ❖ It is usually hidden, spent only in the underground economy or laundered to make it appear legitimate.
- ❖ It can come from illegal activities like corruption, secret deals and sales on the black market.
- ❖ It can also come from illegal business that adjusts their accounts to hide real income.
- ❖ It can be held in the form of gold, real estate and other secret manners.

Effects of black money

- ❖ It reduces government revenue, which increases the government's deficit.
- ❖ It leads to higher inflation which disproportionately affects the poor.
- ❖ It exacerbates the disparity between the rich and the poor.
- ❖ It fosters corruption and illegal activities.

Anjali

B.com 3rd Year

1221291003006

LIBERALIZATION

Liberalization is the process of removing or reducing government restrictions and regulations on economic, social, and political activities. It aims to promote individual freedom, increase competition, and stimulate economic growth.

Economic Liberalization

Economic liberalization involves reducing government control over markets, industries, and trade. This includes:

1. Deregulation: Removing government regulations on businesses and industries.
2. Privatization: Transferring state-owned enterprises to private ownership.
3. Trade liberalization: Reducing tariffs, quotas, and other trade barriers.
4. Investment liberalization: Allowing foreign investment and promoting foreign direct investment.

Social Liberalization

Social liberalization focuses on promoting individual freedom and social justice. This includes:

1. Human rights: Protecting and promoting human rights, such as freedom of speech, assembly and association.
2. Gender equality: Promoting equal opportunities and rights for women and men.

Political Liberalization

Political liberalization involves promoting democratic governance, transparency, and accountability. This includes:

1. Democratization: Promoting free and fair elections, and protecting the rights of citizens to participate in the political process.
2. Transparency and accountability: Promoting transparency in government decision-making and ensuring accountability for government actions.

Upasana

B Com 3rd year

Roll 1221291003002

ENTREPRENEURSHIP

Are you a keen observer of your environment particularly of the status of goods and services that are being marketed?

Have you felt there could be better, innovative and profitable ways of conducting a business/businesses?

Do you often recognise new opportunities for business to profitably satisfy the needs and wants of a particular segment of a market?

Have you ever dreamt of starting your own venture or enterprise to make your innovative ideas turn into profitable business?

Do you feel comfortable with organising a business venture and assuming its responsibilities, accountability and inherent risks in business?

If your feel answer to the above questions is 'yes', you are qualified for a career in entrepreneurship i.e. for becoming an entrepreneur.

WHY ENTREPRENEURSHIP?

- A. In today's highly competitive job market, entrepreneurship is becoming an increasingly popular career choice. The factors that go in favour of entrepreneurship can be listed as an opportunity to fulfil your dreams to start your own independent business enterprise.
- B. You become your own boss and drive satisfaction of making the optimum use of your talent, hard work, and resources you exploit.

Shivani

B.Com 3rd Year

1221291003007

COMMERCE DEPARTMENT



ANTI-DRUG CELL



ECO CLUB



ECONOMICS DEPARTMENT



ENGLISH DEPARTMENT



GEOGRAPHY DEPARTMENT



HINDI DEPARTMENT



HISTORY DEPARTMENT



MATHS DEPARTMENT



SCIENCE DEPARTMENT



MOODS AND COLOURS OF THE COLLEGE



UNIVERSITY OUTREACH PROGRAM



WOMEN CELL AND LEGAL LITERACY CELL





सफलता के लिए दृढ़ निश्चय है विभिन्न कारणों का प्रभाव
को आवश्यकता : योगेश्वर दत्त



...it would be possible to use a ...

समाधानों को लेकर यह समझना जरूरी है कि समाधानों को लागू करने में सरकारों को सहायता देना ही समाधानों को लागू करने का एकमात्र तरीका है। समाधानों को लागू करने के लिए सरकारों को सहायता देना ही समाधानों को लागू करने का एकमात्र तरीका है। समाधानों को लागू करने के लिए सरकारों को सहायता देना ही समाधानों को लागू करने का एकमात्र तरीका है।

१. प्रत्यक्ष व अप्रत्यक्ष रूप से
 २. सामान्य व विशेष रूप से
 ३. सामान्य व विशेष रूप से
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 ९. सामान्य व विशेष रूप से
 १०. सामान्य व विशेष रूप से

अभिभावकों ने देखी कालेज की सुविधा

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जैसे ही बंदर का बंदर
में सहायकता है प्रार्थना है छात्रों को उपस्थिति का प्रकाश करने के
अभिप्रेतों को उनके योगदान के लिए धन्यवाद दिया। शिक्षकों ने प्रार्थना का
हो प्रार्थना का प्रार्थना है और अभिप्रेत प्रार्थना दिया।

बदलते समाज में युवाओं के योगदान पर संधी

[illegible]

संसार संसार में ही सुख पाया जाता है

[illegible]

सूर्य नमस्कार विंता और तनाव को दूर रखता



अब सर जोदू राम राजकीय महिला महाविद्यालय कांपस के आरंभ में स्वामी विवेकानंद जयंती से मेलित दयानंद जी 12 जनवरी तक उपस्थित होने वाली हर रोज विद्यालय में ज्ञान योग्य बनने की ओर से सृष्टि कायदा

रोहतक कन्या महाविद्यालय
ने जीती प्रतियोगिता



रौह में छात्राओं ने बिखेरी हम्मियाणकी
हति, कला के महत्व को किया दर्शाया



...e, per esempio, la possibilità di accedere a servizi di consulenza e di formazione, di partecipare a corsi di aggiornamento e di perfezionamento, di essere coinvolti in progetti di ricerca e di sviluppo, di essere ascoltati e di esprimere le proprie opinioni e le proprie proposte.

विज्ञान प्रदर्शनी में छात्राओं ने दिखाई प्रतिभा



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मुम्बई नाटका से गरीबों से दूर रहने का संदेश दिया

[illegible]

कालेज में किया पौधरोपण

[illegible]

स्नेहा के सिर सजा
मिस फ्रेशर का ताज



There are several possible factors that may be responsible for the observed differences in the response of the two groups. First, the two groups may have different levels of motivation. Second, the two groups may have different levels of cognitive ability. Third, the two groups may have different levels of social support. Fourth, the two groups may have different levels of self-efficacy. Fifth, the two groups may have different levels of anxiety. Sixth, the two groups may have different levels of depression. Seventh, the two groups may have different levels of stress. Eighth, the two groups may have different levels of coping strategies. Ninth, the two groups may have different levels of health beliefs. Tenth, the two groups may have different levels of health behaviors. Eleventh, the two groups may have different levels of health status. Twelfth, the two groups may have different levels of health care utilization. Thirteenth, the two groups may have different levels of health care costs. Fourteenth, the two groups may have different levels of health care satisfaction. Fifteenth, the two groups may have different levels of health care quality. Sixteenth, the two groups may have different levels of health care access. Seventeenth, the two groups may have different levels of health care equity. Eighteenth, the two groups may have different levels of health care efficiency. Nineteenth, the two groups may have different levels of health care effectiveness. Twentieth, the two groups may have different levels of health care safety. Twenty-first, the two groups may have different levels of health care transparency. Twenty-second, the two groups may have different levels of health care accountability. Twenty-third, the two groups may have different levels of health care responsibility. Twenty-fourth, the two groups may have different levels of health care leadership. Twenty-fifth, the two groups may have different levels of health care governance. Twenty-sixth, the two groups may have different levels of health care management. Twenty-seventh, the two groups may have different levels of health care performance. Twenty-eighth, the two groups may have different levels of health care innovation. Twenty-ninth, the two groups may have different levels of health care research. Thirtieth, the two groups may have different levels of health care education. Thirty-first, the two groups may have different levels of health care training. Thirty-second, the two groups may have different levels of health care workforce. Thirty-third, the two groups may have different levels of health care infrastructure. Thirty-fourth, the two groups may have different levels of health care policy. Thirty-fifth, the two groups may have different levels of health care regulation. Thirty-sixth, the two groups may have different levels of health care financing. 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सर छोटूराम राजकीय महिला महाविद्यालय साँपला (रोहतक)