

Vyas

Annual Magazine : 2024-25

Govt. College Bilaspur (H.P.)



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Dr. P.S. Kutwal

Principal

Chief Editor

Dr. Namrata Pathania

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Vyas

Required under Rule-8 of Press and
Registration of Books Act.

FORM IV
(See Rule - 8)

Place of Publication	-	Bilaspur (H.P.)
Periodicity of Publication	-	Annual
Owner's Name	-	Dr. P.S. Kutwal
Nationality	-	Indian
Address	-	Principal Govt. College Bilaspur (H.P.) Distt. Bilaspur (H.P.)
Printer's Name	-	Chetna Press Bilaspur
Address	-	Court Road, Near Chetna Chowk
Nationality	-	Indian
Chief Editor's Name	-	Dr. Namrata Pathania
Nationality	-	Indian
Address	-	Assistant Prof. in English, Govt. College Bilaspur (H.P.)

I, Principal, G.C. Bilaspur, hereby declare that the particulars given above
are true to the best of my knowledge.

Sd/-

Dr. P. S. Kutwal
Principal

From Principal's Desk



Greetings to all students, faculty, and esteemed members of our college community !

It is my privilege to address you through our college magazine—a platform that celebrates our collective achievements and fosters a shared sense of identity and purpose. This publication stands as a testament to the vibrant academic and cultural life that thrives within our institution, shaped by the hard work, creativity, and dedication of our entire college family. It is also a platform to encourage original thinking and creative expression.

As we prepare to implement NEP 2020 in our institution, we remain committed to aligning our academic practices with its visionary framework. At the same time, we recognize the importance of integrating ICT across teaching, learning, and administration. By embracing digital tools and fostering digital literacy, we aim to equip our students with the competencies required to navigate a connected world, collaborate across borders, and adapt to the evolving demands of the global economy. Through this approach, we are preparing our students not just for academic success, but for meaningful participation in a broader, technology-enabled society.

As one of the leading institutions in the state, our college remains steadfast in its mission to nurture intellectual curiosity, support innovation, and promote the all-round development of every student. This year, we have witnessed commendable achievements in academics, sports, the arts, and community service—each reflecting the energy and dedication of our student body. The unwavering commitment of our faculty to teaching and research continues to inspire our learners and guide them toward realizing their full potential.

My congratulations to Dr. Namrata Pathania, Chief Editor, her editorial team, contributors, and all who played a role in bringing this magazine to life. Your efforts are deeply appreciated. As we look ahead, let us continue to uphold the core values of integrity, inclusivity, and excellence that define our institution. Together, let us build a campus where ideas are born, leaders are shaped, and dreams take flight.

Wishing you all a fulfilling and successful academic year.

*Warm regards,
Dr. P.S. Kutwal
Principal*

From Chief Editor's Desk

"The true progress of a society is measured by the progress of its students."

Dr. Sarvepalli Radha Krishnan



Dear Readers,

It is with great pride and a profound sense of responsibility that I present to you the latest edition of our college magazine, 'Vyas'. Every article, story, poem, and essay you will read is a reflection of the vibrant spirit of innovation, creativity, and intellectual pursuit that defines our college community. The mission of Vyas is not just to inform or entertain, but to inspire, provoke thought, and connect. Within these pages, you will discover works that delve into contemporary issues, celebrate creativity, and share unique perspectives that echo the diversity and dynamism of our student body. Each contribution tells a story of ambition, courage, and dreams that speak to the heart of who we are as individuals and as a community.

Creating this edition has been a labour of love and collaboration. I would like to express my deepest gratitude to the Editorial Board for their unwavering commitment and effort in creating and refining the numerous submissions. Their editorial wisdom and hard work have been the driving force behind bringing this magazine to fruition.

I would also like to extend my sincerest thanks to every contributor—your passion and dedication have made this publication possible. I am also deeply grateful to our respected Principal, whose constant encouragement and trust in me as Chief Editor have been invaluable.

As you explore this edition, I hope it not only entertains you but also inspires you to look deeper within and push further toward your goals. Let this magazine be a reminder that the journey of self-discovery and progress is ever on-going.

Happy Reading !

*Warm regards,
Dr. Namrata Pathania
Chief Editor*

Glimpses of Annual Prize Distribution Function



Reception of Chief Guest, Hon'ble Former Cabinet Minister, Sh. Ram Lal Thakur Ji



Presentation of Annual Report by Principal



Address by CSCA President



Address by the Chief Guest



Felicitating of Chief Guest by College Administration



A meritorious student receiving prize from Chief Guest, along with her Grandfather

Glimpses of Youth Festival Group -1



*Reception of Chief Guest, Hon'ble Sh Rajesh Dharmani ji,
Cabinet Minister during HPU Youth Festival Group I hosted by Govt. College Bilaspur*



*Felicitatation of worthy Chief Guest,
Hon'ble Sh Rajesh Dharmani ji, Cabinet Minister*



Prize Distribution



Felicitatation of Judges by worthy Chief Guest



Third Prize bagged by G.C. Bilaspur in "Quiz" HPU Youth Festival Group I

Glimpses of CSCA Cultural Function “ULLAS”



*Reception of Chief Guest,
Hon'ble Bumber Thakur ji, Former MLA*



Presentation of Memento to the Chief Guest



Cultural Programme



Honouring of Chief Guest by College Administration, CSCA and PTA



*Principal, Dr. P.S. Kutwal, administering Oath of Office to
CSCA office bearers during CSCA “Oath Taking Ceremony”*



Glimpses of Annual Athletic Meet



Medal Ceremony during Annual Athletic Meet



March Past during Annual Athletic Meet



Winner team of "Tug of War" with Principal and Staff

Miscellaneous



*Honouring of Sh Jitender Chandel,
HAS (alumnus of Govt. College Bilaspur)
by college administration on his remarkable achievement*



*Principal, Dr. P.S. Kutwal along with Hon'ble
Chief Minister Himachal Pradesh, Sh. Sukhvinder Singh 'Sukhu' ji,
during inauguration of First Digital Library of the State at District Library Bilaspur*



English Section

*Staff Editor
Prop. Anu Priya*

*Student Editor
Mr Nitin Kumar*

Student Editorial

It is an immense honor to be chosen as the student editor for the English section, and I extend my heartfelt gratitude to my teachers and mentors from Department of English for believing in my abilities. This role is not just a position but a responsibility to uphold the standards of creativity, expression, and critical thinking.

English as a language is not just about grammar and vocabulary; it is a medium that connects thoughts, emotions, and cultures. I take this opportunity to bring fresh ideas, engage with aspiring writers, and foster a space where talent finds its true worth. I am very thankful to my peers for their contributions and teachers for their guidance. Once again, my sincere thanks to the Chief Editor for this trust, and I hope to make this experience enriching for everyone.

Wishing you all a happy reading.

Nitin Kumar

BA III Year - Student Editor

The Surprise of life

*Where there's love there's a lie
Later or sooner you will listen a goodbye
There will be no why after that separation
We don't know what will end our cherished relation
The real destiny is to have better preparation for
that only and final destination
During life there will be so many variation
Don't trust on this creation just wait for your turn
It's yours life. It's yours respect that you have to earn
For a better tomorrow you have to burn your blood
without any concern.*

Manisha Sharma

Roll No. - 22ENG029C

Life's A Beautiful Broach

*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 took around for a while. There is so much for you to smile.
Look at the colorful balloon. They teach us something true.
They say not everyday is a bright boon. Grey days will one day turn for sure.
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.*

Ayush Dhillon

Roll No. - 23ENG016

Do not lose hope

Life is too short to dwell on your mistakes and crib over them. Instead, you must embrace life's lessons, learn from your experiences and strive toward making the world beautiful and sophisticated. Both good and bad times are temporary, and just as you celebrate good times, you should face life's challenges with patience and a consistent smile, knowing that "this too shall pass". Failures, more than successes, provide valuable lessons. While you desire glory and glamour, it is failures that teach you allowing you to maintain equilibrium in life. You are bound to face obstacles and that's the beauty of life. You should focus on what's in your control, maintaining positive energy through practices like yoga and keeping a calm mind. Analyzing your mistakes and strategizing for improvement is essential. Passing on your rich experiences to future generations can create a better world.

*Sameer Vatsyayan
BA 2nd Year*

The nostalgia of College Life !

The most favorite chapter of life makes you feel like reading it, makes you feel like going back to college life once again, some things which seem like yesterday. So many memories are there to be revisited, the longing to turn back in time and relive those carefree days is overwhelming. You remember the laughter, the jokes, and the light hearted conversations with friends who became like family.

But life has a way of moving forward, and people drift apart. The loss of friends hurts deeply, leaving a void in your heart that can't be filled. You yearn to go back to those college days, to attend classes once again, to sit in the lecture hall and listen to your professors, to participate in discussions and debates. You miss the little things, too closing your eyes during lunch, feeling the warmth of the sun on your face, and listening to the chatter of your friends. Those were the days of discovery, of growth, of forming bonds that would last a lifetime.

As you sit reminiscing about the past, you can't help but feel a pang of sadness. Life has moved on, and things can never be the same again. Memories have come back, that wonderful joke of exam time has come to mind. some friends used to eat dinner on exam nights, some used to make future plans by having love chats on the phone, and then in the morning they say, "Yaar thoda gap jyada mila to jyada padh lete"

*Ankit Kumar
BA II, 12 ENG 030*

The Power of Positive Thinking

Many people tend to evaluate events that do not correspond to their plans and the usual picture of the world as an obstacle that prevents achieving the goal. In turn, people who practice positive thinking in such situations see the problem as an opportunity on the road to success, not an obstacle. Thus, positive thinking is the ability to evaluate life not from the point of view of problems, but from the position of a series of successful coincidences that inevitably lead to improvements, Positive thinking is more than just a optimistic outlook; it's a mind set that enables individuals to reframe their perspective on life. Instead of viewing unexpected events as roadblocks to success, positive thinkers see them as opportunities for growth, learning, and improvement. This mind set allows them to approach challenges with resilience, adaptability, and creativity.

A person involuntarily falls into a whirlpool of negative emotions and thoughts in the modern world, filled with disturbing information, high turbulence with economic crises, natural disasters, and pandemics. However, it's precisely during these challenging times that positive thinking becomes an indispensable tool for navigating life's obstacles Therefore, nowadays, in the face of alarming changes in all the spheres, positive thinking is essential since this will allow one to be less irritated and constantly radiate inner harmony and success.

Vinay BA II

Reel or Real ?

Reel and Real sound the same but have very different meanings. It is the thin line between fiction and reality From starting days of cinema to digital age of mobile phones or social media, it's always been a powerful way for shaping peoples beliefs emotions and perceptions. Reel life fictional characters leaves a deep impact on people's life. The impact of reel life on our perceptions and emotions cannot be overstated. We become invested in fictional characters and storylines, often to the point where we start to internalize them as our own experiences. We construct illusions, and before we know it, our grasp on reality begins to slip. The constant stream of unrealistic portrayals on social media and television can lead to feelings of dissatisfaction, anxiety, and even depression.

But the question is that is it only in digital sphere ? We are in the era where people hide their pain behind smiles, their eyes expression do not match their words still we are doing it. What is real ? We all are living in delusions. We're all guilty of presenting a curated version of ourselves to the world, while secretly struggling with our own demons. The question remains: can we distinguish between what's real and what's reel ?

Or have we become so entrenched in our delusions that we've lost sight of what's truly important ? In a world full of filters, bright and bold, where stories are bought and dreams are sold. A perfect smile, a flawless face, is it Fiction or Reality, Reel or Real ? The answer, much like the line between fiction and reality, remains tantalizingly out of reach.

Anchal

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 a 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 these moment. I find my way, Renewed, refreshed for another day.

Life's a journey, full of bends, And though it's tough, it all depends.

On how I see the world so wide, I'll find the strength is enjoy the ride.

So when I'm weary, feeling the strife, I'll remember the joys, the wonders of life.

For Though it's tough, with struggles rife. I'll never truly be tired of life.

*Jasvir Singh
Roll No.- 23ENG102*

What is ailing our tourism ?

India is known for its rich flora and fauna, beautiful landscape, glorious past and varied cultural trends. All this makes India a major attraction for tourism. However, the reality is far from this. Tourism in India has been constantly suffering setback due to it's inefficient tourism industry. Bad and filthy roads, rickety buses, over priced taxis, delayed trains, all make travailing a nightmare in India. Moreover, the absence of decent and hygienic accommodation at a reasonable cost, adds to the distraction of tourists visiting India. Besides, the growing menace of terrorism is a huge deterrent for tourists. The government of India needs to put concerted efforts in place to revamp tourism in the country. Utmost emphasis should be placed on infrastructure development and beefing up the security. Such effort will certainly make India leader in the world of tourism.

Akanksha Thakur

Role of ChatGPT in Students Life

In today's fast-paced academic world, ChatGPT has become an invaluable tool for students, revolutionizing the way they approach their studies. With its ability to provide instant explanations, offer guidance on complex topics, and generate ideas, ChatGPT serves as a virtual tutor, helping students grasp difficult concepts with ease. Whether it's assisting with research, answering subject-specific queries, or offering detailed examples, ChatGPT can enhance understanding and support academic growth. It not only facilitates learning by breaking down intricate ideas but also encourages independent thinking by providing students with resources and perspectives they might not have considered. Additionally, it aids in writing assignments, improving grammar, and even generating creative content. The accessibility and convenience of having a knowledgeable assistant available 24/7 empower students to study more effectively and efficiently, ensuring that learning remains continuous and not confined to traditional classroom hours. As a result, ChatGPT plays a pivotal role in shaping modern academic success, equipping students with the tools they need to excel in their studies.

Pratishtha

Roll No.- 23BSc.BT(H)016

Story of Shri Bhandari Ram

Shri Bhandari Ram, VC (24 July 1919-19 May 2002)

Shri Bhandari Ram, born into a Brahmin family in the village of Serwa (Gehrwin) in Bilaspur district, Himachal Pradesh, stands as an emblem of extraordinary valor and dedication. Serving as a Sepoy in the 16th Battalion of the 10th Baluch Regiment during World War II, he displayed unparalleled bravery against the Japanese forces in the Burmese Campaign, earning him the Victoria Cross, the highest military honor awarded for gallantry in the face of the enemy in British and Commonwealth forces.

The Act of Heroism

On 22 November 1944, during the Third Arakan Offensive in East Mayu, Arakan, his platoon was tasked with capturing a Japanese stronghold perched atop a steep ridge. Under intense machine-gun fire, Bhandari Ram sustained severe injuries to his shoulder, leg, face, and chest but remained undeterred. Crawling through enemy fire with superhuman determination, he advanced to within five yards of the bunker and hurled a grenade, killing the enemy gunner and two others. Inspired by his courage, his platoon captured the position. Only after the objective was secured did he permit his wounds to be treated. His selflessness and courage were pivotal to the platoon's success, a feat for which he was awarded the Victoria Cross.

Recognition and Awards

On 3 March 1945, Bhandari Ram was decorated with the Victoria Cross by the Viceroy of India, Field Marshal Lord Wavell, at the Red Fort, Delhi. Over his career, he received numerous other honors, including :

World War II Medals : 1939-45 Star, Burma Star, and War Medal 1939-1945.

Post-Independence Medals : General Service Medal, Samar Seva Star, Raksha Medal, and Indian Independence Medal.

Service Medals : Long Service Medals (9 and 20 years).

Commemorative Medals: Queen Elizabeth II Coronation, Silver Jubilee, and Golden Jubilee Medals.

Life After the War

Bhandari Ram continued his military service in the Indian Army post-independence.

Rising through the ranks. he was promoted to Subedar in 1958, Subedar Major in 1967, and retired with the honorary rank of Captain in 1969.

Legacy

Bhandari Ram passed away on 19 May 2002 in his hometown of Auhar. Himachal Pradesh. His extraordinary courage and sacrifice remain an enduring legacy, inspiring generations to uphold the values of duty and selflessness.

Pratishths

Roll No.- 23Bsc.BT(H)016

Ode to Divine Grace

*O, for thou who art most exalted, i beseech thee,
Stay thou my descent and bid me not to soar,
Only direct me to the path that leadeth me to thee.*

And every trial that doth cross my path.

I shall uphold, as thy stoutest champion,

Though it may tremble my world,

*I shall not be found murmuring to any,
not even thee.*

Validate me or not, O my lord divine,

Yet shield me from the praise of devils malign.

Though the path to thee be strewn with thorns,

Grant me courage to tread upon it,

Yet let me not be tempted by the rose petals,

That beckon me to the other side.

O, for thou who art most exalted i beseech thee.

Bhargavi

Roll No. - 24ENG023

House Maker

*I am a man
I can't cry
my tearless self is
A strength of mine
Emotions, I don't feel it
inside me it's all dark
screams, pain can't show it
I might fell apart
you are a man, means manly
rough and tough
tears and toys are for girls
Not your kind of stuff
You are a boy
don't be too much girly
trying to be a dancer
that's not your cup of tea
You want him to be understanding
But won't let him understand himself.
He suffocates with his inner crisis
It's you who made him emotionless
I am a woman
I can't dream too much
limitations, boundaries
whole world will judge
Job, future and career
I better be a good mother
after all I am a housewife
I have family to look after
Learn to do some house chores
shouldn't be reading those books
the thing you should be caring about is
your character, clothes and looks
Weightlifting just leave it
that's not a piece of cake
you are a girl be thoughtful
it's for your own sake*

*She is the one who creates us
You're seriously doubting her ability
why can't she choose her own path
afterall she isn't your property
it's twenty-first century
don't be modern by clothes be
a little smarter
and have modern thoughts
Now that you have read enough
let me check your thoughts
if housewife is a norm
does House husband still sound odd
Why do you still need some time
to think of this and that
woman can be a house maker
So why can't be a man ?*

Anuradha

Roll No. 24MENG010

No Matter what is going on

Be Thankful

*When you feel like what you are
experience is not enough instead
of allowing yourself to get frustrated,
anxious, discouraged, in disappointed
choose to channel in a spirit of thankfulness
Find something to be thankful for and
begin to express gratitude because no
matter what is going on in your world there
is plenty to be grateful for. You have blood
pumping through your veins.
You have air flowing through your lungs.
You have a roof over your head and food on
your table.
You have creativity that cannot be taken away
and you have an undeniable purpose.*

Sudesh Chandel

Roll.No 23MENG001

World Within Myself

Whenever I sit in silence my thoughts stir up a storm within me I realise it every time the more I think the deeper I sink. But because I'm a lover of words and admirer of writing. My thoughts try to escape from my mind just to meet paper and ink.

Even when there is a hustle and bustle of people all around. My mind wanders around from tiny leaf to vast sky I know this body stays still for now I am bound But my soul and mind as birds, always fly so high.

This heart wants to know then tell the soil, air and the sky All I need is enough time to submerge within nature itself. One day it will happen but till then I'll be happy thinking That I know I have a world of mine within myself.

Anuradha
Roll No. - 24MENG010

Velvet Noose

*It doth pain my heart to witness youth ensnared by drugs
For there is so much to embrace in life, yet they fall for these fatal thugs.
Teenagers, once full of promise, now find themselves in chains
Not only do they ruin their lives, their families bear the strain.
Once the grip of addiction takes the hold
escape is nigh impossible
Like insects caught in venus fly trap
it devours them, so despicable
Let us strive for maturity and discern what this poison doth bring
For it ravages our generation, a most sorrowful thing.
We were meant to progress, to rise and soar
Yet here we remain stuck in this cycle with no open door
This vicious plight seems endless, a dark cloud over our fate,
We must awaken and act, before it's too late.*

Bhargavi
Roll No. -24ENG023

Min Stan

I have never beheld the face of God above Yet fair this day, I find his sweetest gift of love the girl I met in second grade now shines as none can do In every little fancy dress, she brings joy anew. Sometimes she teaches me the lesson of heart. A preacher of sweet wisdom playing her noble part. A clown to lift my spirit high, she banished my woes. And when the bully comes to play, she just keeps me on my toes. If fate should claim my breath this day, I'd hold my head up high. For i have earned the rarest treasure far beyond the sky with or without me, she shall be, a love that knows no end. Beyond the realms of life and death, my dearest, truest friend.

*Bhargavi
Roll No. - 24ENG023*

Favorite Stranger

To my dear friend, who hath transformed into my cherished stranger, They say the purest bond of friendship blooms when naught we can offer, I hold thee in gratitude for befriending that lonely girl, Who once wandered alone in shadows of her world. We were just children when our paths first did entwine, And I must be honest, thy full name doth escape my mind, 'Tis a pity indeed, yet thy first name remains clear, For it lives on in our hearts, cherished and dear. I spoke of thy name for my brother's lovely daughter one day, And they all fell in love with it, as if by fate's play, Though ages have passed since last we did meet, Yet thy name lingers upon our tongue, like a melody sweet. Forever, thou art a part of my heart, To my dear friend, who became my favorite stranger, One I can never forget. admits this earthly strife, Yet, I pray thee, bestow upon men a spark of humanity. That in their hearts may dwell, Compassion, kindness and clarity.

*Bhargavi
Roll No.-24ENG023*

HYMN of Humble Heart

*I am not merely a woman,
I am a woman of kalyug
The anklets that once graced -
my feet in dance of joy,
now clank in dread
The melodies that flowed from lips,
sweet as morning dew Now lie in silence,
as I witness terror round my head
Human is the name we proudly bear,
Yet in irony's cruel snare,
humanity is rare.
I beseech thee, O God,
in my next breath of life
Grant me to be a woman once more,
admits this earthly strife
Yet, I pray thee, bestow upon men
a spark of humanity. That in their
hearts may dwell Compassion,
kindness and clarity.*

*Bhargavi
Roll No.- 24ENG023*

Nature Finds its Way

It is year 2025 When our mother earth is tired, tired of tolerating the evil of humans. Nature has enough to fulfill the needs of people but not the greed. And this is the time, to make them understand, to make them realize their mistakes. She doesn't have voice that she can explain her pain Yes, but she do have feelings, and feelings can't be explained it can only be felt. Alas ! who cares. Humans have lost their feelings. They don't feel the pain of others.

And now it's nature's turn, Turn of the mother earth to take a revenge. The move to give a damn to the so called mankind. She is moving on and on, no chance of turning back. One by one everyone is dying, and the trees, the birds, the animals, the insects, the nature, the earth is smiling. It seems like she is smiling and telling. That look at all those people who say that it is all under their control, they can rule anything. The advanced technology they have today would help them to do anything they want. But they forgot that they might rule everyone around but not the nature, not the planet.

“Observe the nature carefully with its big and small creatures that teaches us the great lessons of life”.

Nowadays due to rat race in day-to-day living, human beings are alienated from nature. It teaches us real selflessness, true renunciation and sacrifice etc. We can thus learn a great deal from nature.

Nature is a silent teacher, friend, philosopher and guide. It removes all our pain, agonies, despairs and grieves. With it we find ourselves in an elevated state of consciousness.

Thus nature shows all her wealth irrespective of who we are and what we are. It never distinguishes. She between good or bad. So, this is the duty of human beings to protect their nature, their mother Earth and do not tamper with her.

*Manisha Kumari
Roll No. - 24 MENG003*

Mental Stress

Have you ever thought about the weight of mind ? How burdensome it can be, surrounded by worries, far from dreams.

A sense of emptiness that hollows you from within. Mental stress is a demon that slowly devours life. Every moment a battle, every breath a burden. Happiness lost somewhere, only sadness that doesn't leave. Nights pass by changing sides, morning brings the same stress, the same worry. Is there a way to escape this ?

Yes, there is. Recognize yourself, Understand your emotions. Talk to someone, lighten your mind. Practice Yoga, meditation, connect with nature. Pursue your hobbies, and most importantly, love yourself. Life is precious, don't waste it. Fight mental stress and live a happy life.

*Anchal
Roll No. - 24 HIS 019*

When I am Among the Trees

*When I am Among the Trees, especially the willows and the honey lowest,
Equally the beach, the oaks and the pines, they give off such things of gladness.*

*I would say that they saw me and daily. I am so distant from the hope of
myself in which I have goodness, and discernment and never hurry through
the world but walk slowly, and Jear often. Around me the tree stir in their
leaves and call out, " stay awhile" The light flows from their branches.*

*Kusum Thakur
Roll No.- 24BCM013.*

Running Through life : A Journey of Growth and Resilience

*Life is often compared to race, but it's not about speed of finishing first. Its about the
lessons learnt along the way running. Life is a series of challenge and triumphs, requiring
balance, determination, and a stony sense of purpose.*

*When we run, we push through discomfort fatigues and moments of doubt. Similarly
Life throws obstacles our way unexpected set backs, failures, and periods of uncertainly. Its
in these moments of struggle that we discover our inner strength, Proving to ourselves that
we are capable of more than we redize.*

*The beauty of running lies in its simplicity. One foot in front of the other, one step at a
time. Life is no different. Success is not achieved overnight but through small consistent
efforts that build momentum over time. With every step, we grew stronger, more resilient,
more aware of what truly matters.*

*Running also teaches us to appreciate the journey. Sometimes we focus so much on
the finish line that we forget to enjoy the scenery, the progress.*

*Amit Kumar
Roll No.- 24HIS018*

A Phoenix Rising

*Every dream They tried to steal What they couldn't kill is still alive inside your heart Light
your life from hidden spark. It's all still there, it was not lost Burn the lies that you bought
Rise from the as her with life renewed Show the world your deepest truth. Find fresh
freedom every day Let inner purpose guide your way You are you do not lack strong, you do
not lack Live your all, and don't hold back.*

*Kajal Thakur
Roll No. - 24 MENG 014 (2nd Sem)*

A Time You Stepped Outside Your Comfort Zone

Success in school and life doesn't come from staying in our comfort zones - it come from challenging ourselves and trying new things. One of the biggest moments of growth in my student life came when I decided to step outside my comfort zone to become better versions of myself.

The challenge is to be the topper of my class, but I struggled with time management and lacked confidence in difficult subjects I realized that just studying hard was not enough - I needed better strategies.

I stepped outside my comfort zone by creating strict study schedule. I also started practicing test papers from youtube and improving my weak subjects. It was not much difficult with consistency and you can see progress.

This experience taught me that success requires discipline, smart work strategies. Stepping outside your comfort zone helps you achieve your goal.

*Khushi Thakur
Roll No. - 24 BCM039*

A Dawn of Wonder

*The time passes me by,
as here I stand, with the soft mountain wind splashing
against my tresses,
wondering, about the reality of it all !
The dreadful events past me that have profoundly scared me,
the uncontemplable fancies I hold for the
incomprehensible future
and the spectrum of anxious actions that I indulge myself
in during the present. Pounding over all this,
a profane torment lingers in my veins.
My hazel eyes can hardly reflect upon the inscriptions of
Godly splendor ; when memory has stamped on it,
the witnesses to bare - bellies starving for a touch of affection!
All through sleepless nights, death-like, I lay awake,
listening to the empty laughter of riches taunted by the
playful screeching of penniless happiness.
I wonder, if the matter of impartiality have any
Implications in the natural order of survival.*

*Ritesh Kumar
College Roll No.- 23ENG064*

A Visitor

*Smeared prayers on all four walls,
Still it crept its way inside,
The prayers didn't work in forbidding his arrival,
And there he saw her, wreathed in dust,
Drowning in the bed, Her frail body still didn't respond,
One step he took forward,
His presence filled the void, the room had preserved all this time,
Sauntered his way to her, just to get a glimpse of her pale face,
Decrepit with age or loneliness, he wondered,
In search of her soul with his desperate eyes,
All there was a morose room with frayed walls
Conscious of his own touch,
he amassed all the courage to caress her head,
Only to realize how lifeless the body was,
He too drowned beside her,
The prayers once written on those walls.
Failed to keep her alive,
But something in them kept her in the same place,
The prayers whose effect was fading with the exhausted walls,
Didn't hesitate to greet a visitor after all these years*

*Kushal Bhatia
Roll No. 23ENG039*

The Power of Positivity

In today's fast-paced world, staying positive is more important than ever. Positivity is not just about being happy all the time but about maintaining hope, confidence, and resilience even in difficult situations.

A positive mindset helps to Overcome challenges, build strong relationships, and improve our overall well being. As the famous saying "Your attitude determines your attitude." People with a Positivity outlook are more likely to achieve success because they see opportunities where others see obstacles.

Simple habits like practicing gratitude, surrounding ourselves with supportive people, and Focusing on solutions rather than problems can help to stay positive. When we choose optimism, we inspire those around us and create a better environment for growth and success. So, let's embrace positivity and make every moment meaningful.

*Neha Thakur
Roll No. - 22 HIS017*



Science Section

Staff Editor
Dr. Amit Kumar

Student Editor
Miss Harpreet Kaur

Dear Readers,

Greeting !!

“The power of a waterfall is nothing but a lot of drops working together.” Similarly, Our creative endeavor ‘Vyas’ is here to reflect diverse perspectives of our student’s thinking. As an editor of ‘Science section’, I have tried to create a platform for a diverse group of people each with his or her own ideas, views and understanding of the world around. It is a mirror of the College students thinking, a historical document of the growth of our college. It was well said by Dr. APJ Abdul Kalam that “Within the mind are all the resources required for successful living. Ideas are present in the consciousness, Which when released and given scope to grow and take shape, can lead to successful events.”

Every individual brings his or her own new insights into science, and this is one of the best ways by which creativity, curiosity, skill, intellect of a student can be expressed. Words cannot express my gratitude and appreciation to respected Principal for giving me chance for assigning the responsibility of Editor Science Section. I would like to thank the student Ms. Harpreet Kaur Student Editor for compiling the articles. I express my appreciation to all the contributors of the science section. These contributions have required a generous amount of time and effort. I hope that you all enjoy ‘Science section’ as much as we did in creating it.

Thank you all !!

Dr. Amit Kumar

*Assistant Professor (Chemistry)
Staff Editor (Science Section)*

Student Editorial

I Harpreet Kaur, heartily welcome you all to the science section of 'Vyas', a platform where we explore the fascinating world of discoveries and innovations. As students, we have the privilege of living in an age where science shapes every aspect of our lives, from the technology in our hands to the solutions for global challenges. Science is not just a field of study ; it is a mind set that encourages us to question, to seek answers, and to innovate for a better future.

I would like to express my sincere gratitude to Teacher Editor Dr. Amit Kumar for entrusting me with the responsibility of serving as the student editor for Science section of 'Vyas'. His encouragement and mentor ship have been immense in helping me contribute to this exciting initiative. It's a privilege to be part of a platform that celebrates the power of science and sparks curiosity in all of us.

Together, let's continue to ask bold questions, explore new ideas. and push the boundaries of what we know. Science is an endless journey, and we are just at the beginning of it.

Stay curious and keep exploring, Vyas readers !

Harpreet Kaur

Science : The Answer to Every Question

Science, the systematic pursuit of knowledge, stands as humanity's most profound tool for exploring the unknown. From understanding the intricate workings of atoms to unraveling the mysteries of the cosmos, science has persistently answered questions that once seemed beyond human reach. By bridge the gap between curiosity and comprehension, science has not only explained the natural world but has also reshaped it to improve the quality of life.

The essence of science lies in its methodology Rooted in observation, Hypothesis experimentation, and evidence, it systematically seeks truth while remaining adaptable to new discoveries. This flexibility ensures that scientific knowledge evolves, refining theories and expanding our understanding of reality. Unlike dogma, science embraces skepticism and challenges established ideas, fostering a culture of progress. This self-correcting nature is what makes science a dynamic and enduring endeavour.

Throughout history, science has replaced superstition with reason and myth with evidence-based explanations. Ancient civilizations explained natural phenomena through folklore and divine intervention. However, scientific inquiry transformed these narratives. The heliocentric model proposed by Copernicus, Newton's laws of motion, and Einstein's theory of relativity have not only provided profound insights into the workings of the universe but have also revolutionized how humanity perceives its place in it.

Science's impact extends far beyond theoretical advancement. It has been instrumental in solving real-world challenges and improving lives. The development of vaccines has eradicated diseases like smallpox, and antibiotics have saved millions from bacterial infections. Innovations in transportation, communication, and energy- such as airplanes, smartphones, and renewable technologies- Stem directly from Scientific research. Space exploration, powered by scientific ingenuity, has allowed humanity to venture beyond Earth, revealing the vastness and complexity of the cosmos.

Moreover, science addresses existential questions that define human curiosity. How did the universe begin? What is the nature of consciousness ? Are we alone in the universe? While definitive answers may not yet exist, the scientific method offers structured pathways to investigate these profound mysteries. This approach inspires hope that the answers lie within reach as our understanding deepens.

Science, however, is not without its limitations It does not claim to provide immediate answers to every question, instead, it in a continuous journey of inquiry, driven by curiosity and evidence. Its adaptability and openness to change ensure that it remains relevant and effective in addressing humanity's ever evolving questions.

Fundamentally, science is more than just a collection of facts or a tool for innovation. it is a way of thinking-a relentless pursuit of understanding. While it may not yet hold the answers to every question, its capacity to illuminate the unknown and solve the unsolvable ensures its place as humanity's greatest ally in the quest for knowledge. As long as mysteries remain, science will continue to serve as the beacon guiding us toward truth, discovery, and progress.

Harpreet Kaur

B.Sc.3rd Year-22BSM011

" The Miracle of Human Existence A Journey Through Time and Evolution "

The miracle of human existence is a tale of survival, adaptation, and extraordinary events. Our journey began in the shadows of the mighty dinosaurs, where small, nocturnal mammals thrived. These tiny creatures, living in burrows, outlasted the catastrophic Cretaceous-Paleogene extinction that wiped out their massive reptilian predators.

After the extinction event, mammals found themselves in a world without large predators. This allowed them to grow and evolve, eventually giving rise to primates that took to the trees for safety. With their grasping hands, feet, and long tails, primates adapted to an arboreal lifestyle, avoiding predators and finding abundant food sources.

Continental shifts in East Africa led to significant changes in the environment, forcing our primate ancestors to adapt to life on the ground. Walking on two legs, they freed their hands for tool use, enhancing their ability to hunt and defend themselves. The development of language further set early humans apart, enabling precise communication and the transfer of knowledge.

Despite numerous challenges, including ice ages and migrations, early humans adapted swiftly, spreading across continents. The discovery of agriculture and the domestication of animals marked the dawn of civilizations, allowing humans to settle in one place and form complex societies.

Throughout this incredible journey, humans have demonstrated remarkable resilience and ingenuity. From surviving the age of dinosaurs to building advanced civilizations, each step in our evolution highlights the extraordinary events and adaptations that led to our existence today. If any of these events had not occurred, the chain of events leading to modern humans might have been entirely different. This story of survival and adaptation is a testament to the miracle of human existence.

Kartik Verma

Roll No.- 22PCH024

BSc 3rd Year, Chemistry Major

Science and Technology's

Science and technology are important parts of lives that have made life easier, more comfortable, and more luxurious. It play vital role in every Walk of our life. Science is the foundation of our Knowledge about the world around us. Without science, we would not know what causes disease, how treat it or even how to make things work. Nowadays, science and technology have become an integral part of our daily lives. Every day we experience the power of science and technology, from the phone in pocket to the food on our table to the air we breathe. Many scientific inventions have been taken place in the present age Science and technology have had a negative effect on society. It has made people lazier because they can do everything with the click of a button. It has also made people more Impatient because they can get whatever they want instantly. Moreover, it has made people ruder because they can hide behind a computer screen and say whatever they want without having to face the person they are talking to. Despite some negative effects of science and technology, we cannot deny the fact that science and technology have also had positive effects on use society We should wisely science and technology. We should use it for the benefit of humanity and not for its destruction. We should use it to improve the quality of life and not pollute and destroy the environment. We should use it to lengthen life expectancy, not to shorten it.

*Pooja
Roll No.- 22PCH017*

"The Chemistry of Life"

*In every breath, a chemical dance
Oxygen and carbon, a wondrous prance
The air we breathe, a mix of gases fine
A delicate balance, a chemical design.*

*In every cup, a chemical brew
Coffee's rich aroma, a flyover anew
The roasting process, a series of reactions
grand, A chemical transformation, at our
command.*

*In every soap, a chemical blend
Surfactant and suds, a cleaning trend
The dirt and grime, a chemical foe
The soap's chemical might, makes them go*

*In every pill, a chemical cure
A synthesized remedy, a chemical allure
The medicine's effectiveness, a chemical
design, A chemical structure, that makes
it shine.*

*Chemistry's the key, to our daily strife
A chemical world, that's our life.*

*Mohd Ilyash
B. Sc 3rd Year - 22PCH021*

The future of Quantum Computing: A Glimpse into Tomorrow's Technology

Quantum computing holds the potential to revolutionize industries and solve problems that classical, Computers cannot. By leveraging the principles of quantum computing, quantum computers use Qubits - which exist in multiple states simultaneously-allowing them to process vast amount of data for faster than traditional machines. In the coming years, we can expect quantum computing to reshape fields such as cryptography, where it could break Current encryption system but also create new more secure methods. Drug discovery and material science will benefit from quantum's ability to simulate molecular interactions at unprecedented levels, speeding up the developments of new medications and materials. Furthermore, quantum computing promises to tackle complex optimization problem is logistics, finance and article intelligence, making decision-making more effirent and intelligent. The future of quantum computing is full of promises, potentially transforming the way approach problems and accelerate progress. across a wide range of disciplines.

Nisha Chaudhary
B.Sc III Year- 22 PHY021

Sustainable Agriculture: Farming for the Future

Introduction.

Sustainable agriculture balances food production with environmental conservation. It focuses on preserving soil health, reducing pollution, and promoting biodiversity.

Key Practices

Soil Conservation : Crop rotation, organic fertilizers.

Water Efficiency : Rainwater harvesting, smart irrigation.

Natural Pest Control : Reducing chemical pesticide use.

Biodiversity : Growing diverse crops for ecosystem health.

Renewable Energy : Using solar and wind power in farming.

Benefits

Protects the environment.

Produces healthier food.

Improves farmers' economic stability..

Helps fight climate change.

Conclusion

Sustainable agriculture is key to feeding the world while protecting the planet.

Adopting eco-friendly farming ensures a greener future for all.

Disha Mishra
Class-BSC 3rd (Non Med.)-22PHY034

Roots of Science -PHYSICS

Physics aims to describe the function of everything around us, from the movement of tiny charged particles to the motion of people, Cars. In fact, almost everything around you' can be described quite accurately by the laws of physics. Consider a smart phone; Physics describe how electricity interacts with the various circuits inside the device. This knowledge helps engineers select the appropriate material and circuit layout when building the small phone, Consider GPS System ; Physics describe the relationship between the speed of on object, distance over which it travels, the time il takes to travel that distance using, equations based on the law of physics.

Physics and other Fields :

The study of physics makes other science easier to understand. Physics has many applications in Chemistry, biological Science. In Chemistry deals with interactions of atom and molecule. The study of matter and electricity in physics is fundamental towards the understanding of Concept in chemistry such as Covlentband. Most branch of engineering are applied physics. In biological science, the microscope level, it describe properties of cell wall , Cell membrane. Physics involved in medial such a X-Rays, MRI etc.

*Bhumika Thakur
B.Sc. Ist Year-24PHY001*

SCIENCE

By Martin Dejnicki

*Everything works, because of science.
Even your old kitchen appliance.
What about your mom's car ?
Without science, it wouldn't go far.
With science we could make,
a computer or phone,
If you want a twin,
just ask for a clone.
Science will explain,
nature and trees,
It's also used,
to find cures for disease.
Science is cool,
the evidence is clear,
It's so much fun,
enjoy it my dear.*

Sheha

B.Sc. 3rd Non Medical

The Wonder of Science

*Science is light, so bold and bright,
Unveiling truths, revealing sight.
From stars above to oceans deep,
It wakes the world from endless sleep.
The atoms dance, the planets spin,
A universe, both vast and thin.
Electric sparks, the engines roar,
Science opens every door.*

Mahak

Bsc 3rd Year-22PCH026

Human Gut Microbiome and Its Health Benefits






1. Introduction

The human gut microbiome is a vast community of trillions of microorganisms, including bacteria, viruses, and fungi residing in the digestive tract. These microbes play a pivotal role in maintaining overall health by aiding digestion, regulating immunity, and influencing mental health.





2. The Composition of the Gut Microbiome

The gut microbiome consists of diverse species, including beneficial bacteria like Lactobacillus and Bifidobacterium. Factors such as diet, genetics, and lifestyle influence its unique composition in individuals.

3. Global and National Initiatives on Gut Health





-  *In 2001 WHO and FAO defined probiotics as 'live microorganisms which, when administered in adequate amounts, confer a health benefit on the host.'*
-  *The 'Probiotic Guidelines' by WHO emphasize rigorous testing for safety.*
-  *In 2020, the Indian Council of Medical Research (ICMR) launched studies on gut health.*
-  *The National Health Mission (NHM) India integrates nutrition programs for better gut health.*
-  *The Ministry of AYUSH promotes fermented foods such as curd and buttermilk.*

4. Factors Affecting the Gut Microbiome

-  *Diet: High-fiber and fermented foods support beneficial bacteria, while processed foods harm them.*
-  *Medications: Overuse of antibiotics (disrupts) microbial balance.*
-  *Stress and Sleep: Chronic stress negatively impacts the microbiome.*
-  *Environmental Factors: Pollutants and toxins alter microbiome diversity.*

5. How to maintain a Healthy Gut Microbiome.

Human Gut Microbiome and Its Health Benefits

-  *Eat a balanced diet rich in fruit, vegetables and fermented foods.*
-  *Stay hydrated to maintain gut lining integrity.*
-  *Exercise regularly to enhance microbial diversity.*
-  *Avoid unnecessary antibiotics to prevent imbalance.*

6. Conclusion

The gut microbiome profoundly influences digestion, immunity, and mental well-being. By adopting gut-friendly habits and supporting research initiatives, we can pave the way toward a healthier future.

*Shruti Verma
B.Sc 2nd Year - 23ZO0040*

Invisibility

Invisibility, one of the most tantalizing powers in fiction, spans all kinds of stories, but could this fantasy ever become a reality? Invisibility is a relative term. Researchers and scientists working on stealth technology have developed planes nearly undetectable to radar and cloaks that conceal tanks from thermal cameras, but these don't make objects invisible to human eyes. Our eyes see by taking in visible light waves that reflect off objects. To make objects invisible without turning off the light, our eyes would need to see the light from behind the subject rather than the light bouncing off the object itself, and to do that, we need to control visible light waves. One way to do this is through reflection, but this method is predictable and requires maintaining angles too precise for most moving objects. Another method is to absorb light with ultra-black surfaces covered in light capturing nanotubes. However, painting something black doesn't make it invisible, so scientists are trying to reroute light waves around the object using refraction. Refraction describes how light changes direction when moving from one material to another with different density. For instance, when light moves from a less dense medium to a denser medium, its path bends slightly. Consider how someone's legs appear distorted when sitting at the edge of a pool since water is denser than air, light refracting from water to your eyes bends and speeds up. In nature, this effect has limits, as light can only bend to a certain extent when passing through natural materials. But in labs, we can shatter those limits. In 1990, physicist John Pendry, working with a defense lab, created a material to absorb radar waves. The result was a mess of carbon fibers so thin and densely woven that they interacted with light in an entirely different way than regular carbon. This inspired him to try similar tricks with other materials. By altering them on a microscopic level, Pendry added microstructures capable of bending and reflecting light in ways previously thought impossible. He called this technology materials and developed an intriguing example, the split-ring resonator, which allows light to bend past its theoretical limit.

The discovery of negative refraction kicked off the modern wave of invisibility research. To date, labs have designed metamaterials that can completely steer away microwaves. However, a true invisible cloak would need to bend all wavelengths of visible light simultaneously and without distortion, which is difficult because refraction doesn't treat all wavelengths equally, as seen when refractive materials produce rainbows. Despite leading the field, metamaterials aren't the only route to achieve invisibility. One lab created a controlled desert mirage using hot air just above the ground to refract cooler air around it, creating distortions and illusions.

Unfortunately, this method only works at high temperatures Another lab used a unique configuration of glass lenses to bend light around an object with ring-shaped area, large enough to obscure an entire person, though it only works when the observer and the object are in precisely the right position. Attempts to use cameras to record the environment and project it over a cloak have been hindered by lag and color distortion These efforts, along with others, have a long way to go before bringing this magical technology to life. However, one thing about science is certain the limitations we see today could simply disappear.

Dheeraj Kumar
B.Sc 2nd Year-23PHY008

Did You Know Facts ?

Here are a few science facts that will make your day and increase your interest in Science. Take a look :

- Helium has the ability to work against gravity. When helium is cooled to near-absolute zero temperatures (-460 degrees Fahrenheit or -273 degrees Celsius), it becomes a superfluid, which means it can flow without friction.
- Water can exist in three states at the same time. This is known as the triple point and it is the temperature and pressure at which materials exist as a gas, a liquid, and a solid all at the same time.
- Bananas are radioactive. Bananas contain potassium, and because potassium decays, the yellow fruit becomes slightly radioactive
- Humans have inherited genes from other species. Our genome contains up to 145 genes mutated from bacteria, fungi, other single-celled organisms, and viruses.
- The Majority of Earth's Oxygen is produced by Oceans.
Light takes almost eight minutes to proceed from the sun to earth.
- Grasshoppers have ears in their bellies.
A cockroach has the ability to live for up to one week without its head.
- Lizards use their tongue to smell.
- A cloud can be as heavy as a million pounds.
- We can't burp in space.
Men suffer from colour blindness more than women.
- An individual blood cell takes around one minute to create a complete circuit of the body.
- Bar code scanners read the white space between the black lines rather than the black lines themselves.
- Sea animals use Earth's Magnetic Field to know their location.
- Our planet has more trees compared to stars in the solar system etc.

Diksha Thakur
(23MSCCHEM001)

UNDERSTANDING CLIMATE CHANGE : A GLOBAL CHALLENGE

Climate change is one of the most pressing issues of our time. It refers to long term shifts in weather patterns and global temperatures due to natural processes and human activities primarily the burning of fossil fuels, deforestation and industrial processes. These activities release greenhouse gases like carbon dioxide (CO₂) and methane (CH₄) into the atmosphere trapping heat and causing the planet to warm.

CAUSES OF CLIMATE CHANGE

- 1. Greenhouse Gas Emission : The burning of fossil fuels for Energy transportation is the Leading contributor to climate change Co₂ emission from power plants, factories, and vehicles significantly increase atmospheric heat.*
- 2. DEFORESTATION : Trees absorb Co₂ from the atmosphere, when forests are cut down for agriculture or urban development, this carbon - absorbing capacity is lost.*
- 3. INDUSTRIAL ACTIVITIES Manufacturing processes and industrial operations release pollutants and greenhouse gases into the air.*
- 4) AGRICULTURE : Livestock farming produces large amounts methane a potent greenhouse gas. Fertilizer also Contributes to nitrous oxide emissions.*

IMPACTS OF CLIMATE CHANGE

- 1. RISING TEMPERATURE - Global temperatures have been steadily increasing causing heat waves and affecting ecosystem.*
- 2. MELTING ICE CAPS AND RISING SEA LEVELS : The Arctic and Antarctic regions are losing ice, leading to rising sea levels that threaten coastal communities .*
- 3. EXTREME WEATHER EVENTS CLIMATE Change has been linked to more frequent and severe hurricanes, floods, droughts and wild fires.*
- 4. IMPACT ON BIODIVERSITY : Many species are at risk of extinction as their habitats, 'are destroyed or' altered by changing climates.*
- 5. HUMAN HEALTH RISKS : Increased temperatures and pollution levels contribute to respiratory diseases, heat - related illnesses, and spread of vector borne diseases like malaria.*

SOLUTIONS TO CLIMATE CHANGE

- 1. RENEWABLE ENERGY: Transitioning to clean energy sources Such as solar-wind and hydroelectric power can significantly reduce greenhouse gas emissions.*

2. *AFFORESTATION AND REFORESTATION - Planting trees and restoring forests can help absorb atmospheric CO_2 .*

3. *ENERGY EFFICIENCY : Improving energy efficiency in buildings transportation, and Industries can reduce Carbon footprint."*

4. *SUSTAINABLE AGRICULTURE : Adopting practices that reduce methane emissions and promote soil health can help mitigate agricultural impacts. What Can individuals do?*

1. *REDUCE ENERGY USE-Use energy efficient appliances and switch of devices when not in use .*

2. *ADOPT SUSTAINABLE TRANSPORTATION : Use public transportation car pool switch to electric vehicles.*

3. *SUPPORT SUSTAINABLE PRODUCTS : Choose eco-friendly and locally produced goods.*

4 *Advocate for policy change : Support policies and initiatives aimed at addressing climate change.*

Conclusion : Addressing climate change requires collective action from government industries and individuals while the challenge is significant, innovative solutions and global cooperation offer hope for a more sustainable future.

Shivani Sharma

M.Sc Chemistry-23MSCCHEM029

FACT ABOUT CHEMISTRY

1. *WE MAINLY BREATHE NITROGEN !*

Air is 78% nitrogen, while oxygen (O_2) only makes upto 21% of the air we breathe. The content of carbon dioxide (CO_2) in the air is not more than 0.03% and the remaining gases (Ar) (H_4) (H_2) water vapor) do not make up more than 1%.

2. *THE METAL GALLIUM CAN MELT IN THE HAND :*

The melting temperature is about 29.8°C .

3. *COPPER AND BORON MAKE FLAMES TURN GREEN :*

If you add compounds of copper or boron to alcohol, it will Burn with a green flame.

4. *A LITER OF SEA WATER CONTAINS 35 GRAMS OF SALT*

A liter of sea water contains 35 grams of salt, more than half of which which is sodium chloride The rest is mainly calcium and magnesium chloride and sulfates, which give sea water a better taste.

5. *RAINWATER HOLDS VIT-B12.*

6. *If you remove all the empty space in the atoms of all people on earth, the entire human race could fit in a sugar cube.*

Reetika Thakur

B.Sc 3rd Year-22PCH005

World from the Eyes of Science

Without science, there is no human development, technological progress, knowledge generation and the world we knew, it would not exist if we did not invest in science. The world would come to a half if science did not exist. So here, there are some Investing things which we see everyday but they are much more interesting when we see them from the eyes of science.

The oceans produce the majority of the oxygen on Earth According to the National Oceanic Service, we can thank plant-based marine organisms for all that fresh air: More than half of the of the world's oxygen is produced by plankton, seaweed and other photo synthesizers.

Soil is full of life

There are more people microorganisms in one teaspoon of soil than people on the planet. “Millions of species and billions of organisms (bacteria, algae, microscopic insects, earthworms, beetles, ants, mites, fungi and more) represent the highest concentration of biomass anywhere on the planet” according to the report.

About half of your body is bacteria

Experts estimate that the human body consists of 30 trillion human cells and 39 trillion bacteria and (roughly 1: 1.3 ratio) in the past, researches thought we were much more bacteria than human, with a ratio of 10:1

It can rain diamonds on other planets

The atmospheres in Neptune, Uranus and saturn have such extreme pressure that they can crystallize carbon atoms and turn them into diamonds, American Scientist reports. Researchers were able to create the correct Conditions in a lab to prove this occurs on Neptune and Uranus. Separately, other researchers speculate that it may rain as such as 22 million pounds of diamonds on parts of Saturn every year.

Akshit

B.Sc 3rd Year (Mathematics)

Roll No. 22BSM023

DISCOVERY OF T-CELL

Making a breakthrough in cancer treatment a new type of immune cell that kills most cancers was discovered by researchers at Cardiff University's School of Medicine. The discovery of T cells was found highly unusual and this discovery could further be helpful in universal cancer therapy. It was serendipitous finding. The unexpected discovery was made when the researchers were analyzing blood samples for immune cells which could fight against bacteria. They accidentally discovered T cells a never before seen receptor which catches only cancerous cells ignoring healthy cells. The scientists discovered T-cells equipped new type of receptor known as T-cell receptor (TCR). It identifies and kills most human cancer cells. It easily identifies healthy cells and cancerous cells. Cancerous cells containing abnormal proteins are eliminated by T-cells. Small parts of cellular proteins that are bound to human leukocyte antigen (HLA) are identified by scanning system, this allows killer T-cells to see what's occurring inside cells. Researchers prevented creating a single T-cell based treatment that targets most cancers in all human beings because HLA varies between individuals. A unique TCR was identified by the Cardiff researchers which recognizes several kinds of cancer via a single HLA like molecule called MRI. T-cells equipped with the new TCR were shown, in the lab to kill lung, skin, blood, colon, breast, prostate, ovarian, kidney and cervical so far various studies on mice have yielded very encouraging results. According to an expert in T cell from Cardiff University it was highly unusual to find a TCR with such broad cancer specificity which raised the prospect of universal cancer therapy. As per the researchers, Lucia Mori and Gennaro De Libero from the university of Basel in Switzerland, the research is in budding stage and has great potential to be exposed as a future of cancer medicine Awen Gallimore of the University's division of infection and immunity and cancer immunology lead for the Wales Cancer Research Centre, said: " If this transformative new finding holds up. It will lay the foundation for a 'universal T-cell medicine, mitigating against the tremendous costs associated with Identification, generation and manufacture of personalized T-cells.

Vikas Thakur

M.Sc Chemistry 4th Semester - 23MSCCHEM024

Hindi Section

अध्यापक सम्पादिका
डॉ. हेमा देवी ठाकुर

छात्र सम्पादक
साक्षी



संपादकीय

मानव जीवन में भाषा का प्रमुख स्थान है। भाषा जहां वैश्विक स्तर पर हमारी पहचान करवाती है वहीं राष्ट्रीय एकता, मानव मूल्यों और भारतीय संस्कृति का ज्ञान भी प्रदान करती हैं जिसका प्रमुख उदाहरण मध्य प्रदेश है। मध्य प्रदेश एमबीबीएस की पढ़ाई हिन्दी में करवाने वाला भारत का पहला राज्य है। इस प्रकार आज के इस तकनीकी युग में भाषा केवल साहित्यिक क्षेत्र में ही नहीं अपितु तकनीकी क्षेत्र में भी महत्वपूर्ण भूमिका निभा रही है।

यह अत्यंत हर्ष का विषय है कि महाविद्यालय की 'व्यास पत्रिका' का प्रकाशन किया जा रहा है। यह पत्रिका महाविद्यालय की वर्ष भर की गतिविधियों का आईना है। यह पत्रिका साहित्यिक पदार्पण के लिए एक मंच का कार्य करती है। इसमें सभी विद्यार्थियों ने अपने भावों को कविताओं, कहानियों और लेखों के द्वारा संजोया है। इसमें विद्यार्थियों के विचारों, कल्पनाओं और प्रतिभा का सुन्दर समन्वय है।

मैं आशा करती हूँ कि पत्रिका में प्रकाशित मूल्यवान सामग्री विद्यार्थियों के चरित्र-निर्माण, नैतिक मूल्यों और सशक्त व्यक्तित्व निर्माण में सहायक सिद्ध होगी। इन्हीं मंगल कामनाओं के साथ मैं सभी विद्यार्थियों को उनके उज्ज्वल भविष्य के लिए शुभकामनाएं देती हूँ।

डॉ. हेमा देवी ठाकुर

सहायक आचार्या

हिन्दी - विभाग

सम्पादकीय

प्रिय पाठको,

मुझे यह लिखते हुए अत्यन्त प्रसन्नता हो रही है कि राजकीय स्नातकोत्तर महाविद्यालय बिलासपुर की वार्षिक पत्रिका 'ब्यास' का संपादन किया जा रहा है। यह हम सभी के लिए हर्ष का विषय है। हमारे महाविद्यालय में अनेक गुणवान, प्रतिभावान विद्यार्थी हैं जिनमें बुहत-सी प्रतिभाएं छिपी हैं। आवश्यकता है तो बस उन प्रतिभाओं को समाने लाने की। यह पत्रिका केवल मनोरंजन का साधन ही नहीं अपितु विद्यार्थियों की अभिव्यक्ति का माध्यम है जिसके द्वारा वे अपनी प्रतिभा, कल्पना और विचारों को सहजता से व्यक्त कर सकते हैं। पत्रिका में मूल्यवान सामग्री विद्यार्थियों के चरित्र निर्माण, नैतिक मूल्यों और सशक्त व्यक्तिकरण के विकास में सहायक होगी।

हर विद्यार्थी की सफलता की पीछे गुरु का मार्गदर्शन महत्वपूर्ण होता है। गुरु के बिना जीवन अधूरा है। जीवन में हम कोई भी कार्य करते हैं उसमें हमें गुरु या किसी मार्गदर्शक की आवश्यकता पड़ती है। गुरु के मार्गदर्शन से कार्य आसानी से सफल हो जाते हैं। मैं हिन्दी-विभाग की छात्रा साक्षी हृदय तल से धन्यवाद करती हूँ हिन्दी-विभाग की सह-आचार्य डॉ० हेमा देवी ठाकुर का जिन्होंने मुझे संपादक का दायित्व सौंपा और मुझे सहयोग देकर इस कार्य के योग्य समझा। इस कार्य को सम्पन्न करने में उन्होंने अपना बहुमूल्य योगदान दिया।

मैं धन्यवाद करती हूँ सभी विद्यार्थियों का जिन्होंने अपने बहुमूल्य विचारों, भावों एवं कल्पना को शब्दों में पिरोकर इस पत्रिका के माध्यम से पाठकों के समक्ष प्रस्तुत किया। मेरी ईश्वर से प्रार्थना है कि आप सभी जीवन के हर क्षेत्र में दिन दुगुनी रात चौगुनी उन्नति करें !!!

साक्षी

कला स्नातक तृतीय वर्ष

कुरुक्षेत्र

कुरुक्षेत्र में भीड़ लगी महापुरुषों और वीरों की
रणभूमि में प्यास बूझोगी कई तलवारों और तीरों की
कुरुक्षेत्र के मध्य पहुंच अर्जुन हो गए मूढग्रस्त
कहा कैसे मैं युद्ध करूं मेरे अपने ही हैं मेरे समक्ष!

मुझे गोद में उठाकर पितामाह मन ही मन मुस्काते थे
बाल्यकाल में मेरी जिद पर घोड़ा वे बन जाते थे
मुझमें जो भी ज्ञान भरा, वो गुरु द्रोण से सीखा है
किस प्रकार प्रहार करूं, केशव ये कैसा तरीका है?

श्रीकृष्ण- ये कैसी नपुंसकता तेरे हृदय में आई?
मन की तुच्छ दुर्बलता क्षत्रियों का व्यवहार नहीं
अपने होकर अपनत्व तुमने पाया है?
अपनों ने भी क्या कभी अपना धर्म निभाया है?

न कोई गुरु, न सखा, न कोई भाई है
चिरहरण में पांचाली की लाज क्या इन्होंने बचाई है?
छोड़ो ये भ्रम पार्थ! कि सब तुम्हारे हैं
आज गांडीव हाथ धरे केवल तुम्हें निहारे हैं!

अर्जुन तुम्हारा धर्म सिर्फ लड़ना है
अन्याय को धराशाई करना है।

मैं कौन हूँ पार्थ! इस बात का नहीं तुम्हें कोई ज्ञान
हो तुम भोले और थोड़े अनजान!
इस पृथ्वी का मैं सार हूँ, सृष्टि का आधार हूँ
तुम केवल युद्ध करो इस जग का मैं ही पालनहार हूँ!

अंत में नारायण ने अपना विश्व रूप दिखा डाला
देख रूप मधुसूदन का अर्जुन ने धैर्य संभाला
माधव! तुमने दिशा दिखाकर
मेरा उद्धार कर डाला !

शस्त्र उठाकर अर्जुन ने दुष्टों का संहार किया
कुरुक्षेत्र में यज्ञसैनी के अपमान का बदला लिया
पाकर ज्ञान गीता का धर्म का सम्मान किया
हस्तिनापुर की गद्दी पर धर्मराज को विराजमान
किया !!!

साक्षी

कला स्नातक तृतीय वर्ष

मातृभाषा

हिन्दी है हमारी मातृभाषा
इसलिए है इससे सबसे पहले हमारा नाता!
छोड़ नहीं सकते हिन्दी को
क्योंकि यही है हमारी भाग्यविधाता!
जैसे एक बच्चा माँ बिना अधूरा है
हिन्दी है हिन्दू की शान
इसलिए इस पर है अभिमान!
युवाओं की आवाज़ है हिन्दी
वतन की पहचान है हिन्दी!
हिन्दी के क्षेत्र को बढ़ाना है
हिन्दी को जन-जन में फैलाना है
हिन्दी को सभी के दिलों में बसाना है
हिन्दी को प्रथम स्थान दिलाना है !!!

कामना

बी0ए0 तृतीय वर्ष

प्रकृति

हुआ जब मनुष्य उत्पन्न
थी प्रकृति बहुत सुंदर
चारों तरफ हरियाली का वातावरण
झूम रहे जैसे धरती और गगन!
थी चारों ओर चिड़ियों की चहचहाट
कोयल की मीठी-सी आहट
कल-कल करते झरनों की झर-झर
थी प्रकृति निर्मल और स्वच्छन्द!
बाद में मानव मस्तिष्क जाग उठा
चारों ओर उद्योगों का मेला लगा दिया
सोचा उसने वह अर्थव्यवस्था का विकास करेगा
किंतु उसे क्या मालूम कि वह प्रकृति का विनाश
करेगा!
वायु में धूलती जहरीली गैसें
नदियों में तैरती बोटलें, लिफाफे
जीव-जन्तुओं का भी करता विनाश
और मानव समझता इसे विकास!
अपने निवास के लिए दूसरों के निवास छीन लिए
पेड़ों को काट पक्षियों के मकान छीन लिए
अब घरों के गमलों में पौधे लगाता है
इंटरनेट पर फोटो लगाकर खुद को प्रकृति प्रेमी
बताता है!
प्रकृति का मानव ने कर दिया विनाश
पर अभी है तुम्हारे पास मौका एक खास
इसलिए एक-एक पेड़ लगाओ
जन्मदिन पर केक न काट पेड़ लगाओ!

इधर-उधर कूड़ा न फैलाओ
ओरों को भी न फैलाने का सन्देश पहुंचाओ
क्योंकि प्रकृति स्वच्छ है तो मनुष्य स्वस्थ है
प्रकृति के बिना मानव का जीवन व्यर्थ है!!!

साक्षी

कला स्नातक तृतीय वर्ष

बेटियां

संकुचित सोच से निकलकर देखा
हकीकत में क्या हो रहा है? तो पाया
आज हिमाचल की बेटियां अपनी मंजिल तक पहुंच
कर गगन चूम रही हैं !
बेटियों को बोझ न समझो मेरे यारो!
बेटियां हमारी पहचान हैं
इनके नन्हें कदमों से घरों की
बगिया महक उठती है!
एक बेटी दो आंगनों को महकाती है
बेटी है तुलसी आंगन की
चाँद-सी शीतल होती है बेटियां
जिस घर में जन्म लेती है बेटियां
उस घर को स्वर्ग के समान महकाती हैं बेटियां!
नहीं करना चाहिए अपमान बेटियों का
न ही इनका तिरस्कार करो
क्योंकि आज बेटियां किसी से कम नहीं
मंजिल तक पहुंचकर आसमान को चूम रही हैं
बेटियां!

पायल

कला स्नातक प्रथम वर्ष

माया का घेरा

मोह माया को त्याग कर ही
हर पथिक पार जा पाया है
यहां पर कोई न तेरा है
न तो सोच कोई मेरा है!
काया डूबी जिसमें तेरी
ये जगत सारा मोह माया है
यहां पर कोई न तेरा है
न तो सोच कोई मेरा है!
धन दौलत संग न जाएगी
न संग जाएंगे तेरे बंधन
जिन्हें तू कहता अपना-अपना
कुछ ही दिनों में भूल जाएंगे!
अगर पाप कर्म में लिप्त रहेगा
तेरा जीवन चक्र न छुटेगा
न कोई तेरे बदले में
नरक के चक्कर काटेगा!
अभी वक्त है संभल पथिक
सम्पूर्ण जगत एक माया है ।
'प्रेमानन्द महाराज' जिन्होंने
जीवन चक्र बतलाया है
'कृष्णाय वासुदेवाय' एक मन्त्र जो
'गुरु प्रेमानन्द' ने बतलाया है
सत्यकर्म को करते-करते
राधा-कृष्ण रटते जाना है !
ये जग सारा नश्वर है
जो नश्वर नहीं वो ईश्वर है
पूर्ण से भी परिपूर्ण जो
अनन्त काल से जिसकी छाया
वही तो है ईश्वर की माया!
एकाग्र होकर ध्यान लगाओ

यही शान्ति का मार्ग है
जिसने पाया मोक्ष को
वही हमारा 'प्रेमानन्द' है !!!

पायल

कला स्नातक प्रथम वर्ष

मैं कौन हूँ ?

मुझसे मत पूछो मैं कौन हूँ?
मैं खुद का ही गुनहगार हूँ!
मैं एक लाश हूँ
जो बस जली नहीं
मैं एक साया हूँ
जो कभी ढला नहीं!
मैं अंधेरा हूँ
जो उजालों से डरता है
मैं वो सच हूँ
जो खुद से ही लड़ता है!
मैं टूटी हुई एक सिसकी हूँ
जो रात में गुंजती रहती है
मैं बेजान खूबों का टुकड़ा हूँ
जो आंखों में टूटती रहती है!
मुझसे मत पूछो मैं कौन हूँ?
मैं खुद का ही गुनहगार हूँ !!!

मुस्कान

कला स्नातक प्रथम वर्ष

कोशिश

लोग कहते हैं मेरे चेहरे पर मुस्कान बहुत है,
इस धुँ में मेरी पहचान बहुत है!
छेद तो बहुत है मेरी कश्ती में लेकिन,
इस कुश्ती में लड़ने के अरमान बहुत हैं!
ना उम्मीद तो हुआ हजारों बार मगर,
उस दिल में उम्मीदों के मकान बहुत हैं!
टूटे पत्तों से ख्वाब सजाने वाला हूँ मैं,
सूखे पत्तों पर मुझे आस बहुत है!
दो लफ्जों में बँटे मेरे अक्षर देखो,
इस नाचीज का यहाँ नाम बहुत है!
मेरी कोशिश हारी कितनी मर्तबा देखो,
हर कोशिश पर मुझे गुमान बहुत है!!!

दिक्षांत ठाकुर

कला स्नातक प्रथम वर्ष

कहानी का किरदार

किरदार चाहे जो भी हो मगर
कहानी हसीन होनी चाहिए
सफलता का शिखर मिलने पर भी
पैरों के नीचे ज़मीन होनी चाहिए।
चूँ तो मौत की चादर ओढ़ ही लेंगे साथी एक दिन
पर जिंदगी है तो जिंदगी रंगीन होनी चाहिए।
इस पार हूँ या उस पार हूँ
संभला हुआ हूँ या तार-तार हूँ
मेरे-तेरे इसके-उसके रिश्तों की कश्मकश में तो
सभी लोग रहते हैं
मगर रिश्ते हैं तो निभाने की तहजीब होनी चाहिए।
सजते संवरते तो सभी लोग हैं आजकल
पर उनमें थोड़ी सादगी की मिलावट भी होनी
चाहिए।
ये जिंदगी खेल है दो दिन का
कल सुंदर सपना है
सपनों का किरदार तो बन गए
मगर किरदार शालीन होना चाहिए।
लेकिन एक बात तो सुनते जाओ
कहानी चाहे जो भी हो
किरदार हसीन होना चाहिए !!!

शिवम भारद्वाज

कला स्नातक तृतीय वर्ष

वो दिन

कहां गए वो दिन?
जब एक नहीं, दो नहीं
तीन-तीन समय पेट भर खाना मिलता था।
जब घर के कोनों में खामोशी नहीं
रौनक भरा ज़माना मिलता था
जब गलती कर देने पर उपेक्षा नहीं
प्यार भरी डांट और समझाना मिलता था
फिर याद आया कि गलती तो आखिर किसी
की नहीं।
ये समय ही कमबख्त है
किसी के पास टिकता ही नहीं
अब कहां मिलता है समय बिताने को
दो पल बैठ कर अपनों के साथ
खाना खाने को, बाहर जाने को
अरसे हो गए।
एक-दूसरे की मनोवृत्ति जानने को
किश्तें देकर तो मुश्किल से
एक 'इतवार' खरीदा था
एक बार नहीं, बार-बार खरीदा था
वो भी बीत गया, जिंदगी की कश्मकश में
या यूँ कहें जिंदगी ही बीत गई
इस विचार की कश्मकश में
सोचते रहे, खोजते रहे
कि आखिर
कहां गए वो दिन?

अनामिका शर्मा
कला स्नातक तृतीय वर्ष

पर्यावरण प्रदूषण

पर्यावरण का अर्थ है वातावरण जिसमें हम रहते हैं।
हमारे आस-पास की सभी वस्तुएं हवा, पानी,
मनुष्य, पशु-पक्षी सभी मिलकर पर्यावरण का
निर्माण करते हैं।

पृथ्वी पर सभी जीवों को जीवन जीने के
लिए पर्यावरण से हमें भोजन, जल, ऑक्सीजन
सभी जरूरत का सामान प्राप्त होता है।

आधुनिक युग में बढ़ते हुए प्रदूषण के कारण
आज हमारा पर्यावरण प्रदूषित होता जा रहा है।
पर्यावरण के प्रदूषित होने में मानव का बहुत बड़ा
हाथ रहा है। आज मानव समाज में औद्योगीकरण
और शहरीकरण के साथ पर्यावरण में बढ़ते प्रदूषण
को हम रोक नहीं पाए।

उद्योगों से निकलता धुआं, कचरा और
चलते वाहनों के शोर-शराबे से वायु, मृदा, जल
सभी प्रदूषित हो रहे हैं।

क्योंकि पर्यावरण हमारी माँ समान है। हम
सभी प्राणी जीवन जीने के लिए पूरी तरह से
पर्यावरण पर निर्भर हैं। बिना इसके पृथ्वी पर जीवन
संभव ही नहीं है। इसलिए हमें अपने पर्यावरण को
प्रदूषण से बचाने के लिए आगे आना होगा!!!

शिवानी देवी
कला स्नातक प्रथम वर्ष

हिंदी भाषा

अंग्रेजी में नंबर थोड़े कम आते हैं,
अंग्रेजी बोलने से भी घबराते हैं,
पर स्टाइल के लिए पूरी जान लगाते हैं,
क्योंकि हम हिंदी बोलने से शर्माते हैं।
एक वक्त था जब हमारे देश में,
हिंदी का बोलबाला था
माँ की आवाज़ में भी सुबह का उजाला था,
उस माँ को अब हम Mom बुलाते हैं,
क्योंकि हम हिंदी बोलने से शर्माते हैं।
देश आगे बढ़ गया पर हिंदी पीछे रह गई,
हिंदी भाषा से अब हम नजर चुराते हैं,
क्योंकि हम हिंदी बोलने से शर्माते हैं।
माना अंग्रेजी भाषा पूरी दुनिया को चलाती है,
पर हिंदी भाषा भी तो हमारी पहचान
दुनिया में कराती है,
क्यों न हम अपनी मातृभाषा को, फिर से सर
आंखों पर बिठाएं,
आओ हम सब मिलकर हिंदी भाषा को
जन-जन तक पहुंचाएं !!!

मोनिका ठाकुर

कला स्नातक तृतीय वर्ष

अम्बर

ये नीला अम्बर
कह रहा है कुछ अनुपम-अमूल्य संदेश
कहता शांतिमय संदेश जन-जन को
न जाने क्या कहता ये अम्बर!

यह कटु समाज कौन जाने अपना
स्वार्थी, हठी जन वाणी न देती विराम
ईर्ष्यालु, चुगलखोर न स्वयं न अन्य को
देते राह,
सफलता न देखी जाए !

न जाने क्यों है ये समाज
दिखाते हैं राह उस अंश को
उमड़ते कृष्ण धन अम्बर में
बनाता शुद्ध परमात्मा का अंश!

हे विधाता! दिखा राह उस अंश-आत्मा को
बनो अंबर इस महायुद्ध में
यह संसार परीक्षा बनाता अंबर समान
न जाने क्या कहता ये अम्बर?

तनीषा कुमारी
कला स्नातक द्वितीय वर्ष

बस का सफर

दिल में सफर की उत्सुकता थी,
थोड़ी-थोड़ी व्याकुलता भी थी!
जब मैं बस में चढ़ी,
बैठी मैं खिड़की के पास
हो रहे मिले-जुले एहसास!
बस में थी भीड़,
और धक्के ही धक्के
यात्री थे अनुभवी और पक्के
भीड़ कभी आगे धकेले
कभी पीछे धकेले!
नज़र जब बस से बाहर जाती,
मनमोहक दृश्य दिखाती,
जब देखो खिड़की के बाहर,
मिले-जुले दिखते हैं मंजर!
कहीं देखो बाजार सजा है,
कहीं पर लगी है बहुत भीड़,
कहीं पर दिखे बच्चे जाते स्कूल!
पल-पल सफर बढ़ता जाता,
नए-नए अनुभव करवाता!
आया नज़र खेत-खलिहान,
चारों ओर हरियाली और,
बोझ ढोता दिखा किसान!
चारों ओर खेत में गेहूँ की बाली
आम के बौर से लटकी डाली!
कहीं-कहीं मोर भी खेतों में नाचे
कहीं-कहीं गइयां बस के आगे भागे!
पहुँच गई मैं जहां मुझे जाना था
ये बस का मेरा सफर सुहाना था !!!

ममता

कला स्नातक तृतीय वर्ष

जिंदगी

दुनिया एक महफिल है मुसाफिरों की,
सब अपने दिल की बात कह रहे हैं।
कुछ सुना रहे हैं अपना गम,
कुछ खुद से भी छिपा रहे हैं!
कुछ जिंदगी देते हैं औरों को
कुछ खुद को ही मिटा रहे हैं।
कुछ तड़प रहे हैं औरों के खतिर,
कुछ खुद को ही ठुकरा रहे हैं
हर रोज मुसाफिर जा रहे हैं!
इस तरह इस दुनियाँ में सब,
अपनी-अपनी जिंदगी बिता रहे हैं।
कुछ पाने को यहां कुछ खोना पड़ता है
खुशी जो चाहिए, तो पहले रोना पड़ता है!
उजाला भी आता है रात के बाद,
सुबह जागने के लिए रात को सोना पड़ता है,
मुस्कुराना हो तो पहले जिंदगी को,
आँसुओं से सींचना पड़ता है!
मौत को पाना भी इतना आसान नहीं है
इसके लिए जिंदगी को खोना पड़ता है !!!

ममता

बी०ए० तृतीय वर्ष

हिमाचल स्वर्ग है..!

क्या है हिमाचल में?

सुकून का दूसरा नाम है हिमाचल,
कुदरत के एक रूप की खान है हिमाचल।
मैं निःशब्द—सी क्या कहूं,
मेरे जैसे कई लोगों की पहचान है हिमाचल।
यहां की नदियाँ चंद्रा—भागा, सतलुज और
व्यास बहती हैं,
देवी—देवताओं की मान्यता इसे और भी खास
बनाती है!

हिमाचल समूह है, बारह जिलों का,
सोलन में शूलिनी माता, शिमला यहां की
राजधानी है
कांगड़ा में धौलाधार के ऊंचे पहाड़ों की अलग
ही अनुभूति है।

कुल्लू—मनाली एक आकर्षण है बर्फ का और
किन्नौर जिले में किन्नर कैलाश है, जहां होती
शिव की स्तुति है!

ऊना, चम्बा, मंडी का अपना इतिहास,
रहस्यमयी और अनोखा है,
लाहौल—स्पीति की अपनी कहानी, जिसे सुने
तो खो जाएं!

हमीरपुर के किलों का अतीत, और बिलासपुर
में माता नैना देवी और गोबिंद सागर झील
तो दिल को छू जाती है!!!

उत्तर तुम्हारे प्रश्न का.....कि

क्या है हिमाचल में

तो सुनो!

‘हिमाचल स्वर्ग है,

मेरे लिए कीमती स्वर्ग है !!!”

सुमीता

कला स्नातक

शिक्षक : ईश्वर का दिव्य वरदान !

कर्म कर तू कर्म कर सिखाया जिसने

माटी थी और माटी को सूरज से मिलाया जिसने
पर्वत जैसी बाधाओं पर मार्गदर्शन दिखाया जिसने

अनुपस्थिति में भी प्रकाश फैलाया जिसने

करुण मूर्ति, भव्यता से परिपूर्ण हैं वे

दर्पण सामने रख दूं तो वह भी दिखा देता सूर्य—सा
तेज!

ऐसी अनुपम काया बनायी जिस प्रभु ने, स्वयं से
ऊपर दिया जिसे श्रेय

वह है ऐसी पुण्य आत्मा

जो कर रही दूर इस जग के मिटाकर सभी दुःख
क्लेश!

अध्यापक कहें या मार्गदर्शी, अनंत है नाम

जिनका गुणगान कर थकते नहीं बच्चे और गुरु
अपार !

दिखा के मार्ग सभी को, हर लेते वे संताप और
विलाप!

प्रसन्न मुद्रा और सूर्य—सा तेज

नतमस्तक होकर सभी लेते हैं शुभाशीष!

ज्ञानी नहीं परम ज्ञानी हैं वे

दीपक की तरह देते अंधियारों को फेर !!!

आंचल

बी०ए० तृतीय वर्ष

बेटी बचाओ, बेटी पढ़ाओ !

बाबा मुझे भी देखना है
रंग जमीन का
रब का वास्ता है
मुझे एक मौका दो
कायनात में आने का।
तुम्हारी कसम, मैं तुम्हें कभी
शर्मसार नहीं करूंगी।
जितनी हदें बताओगे, मैं उन्हें पार नहीं करूंगी
बेटे की तरह तुम्हारा सिर ऊंचा कर जाऊंगी
हंसते-हंसते मर जाऊंगी!
यूं मुझे कोख में मारकर
तुम्हें क्या मिलेगा?
तुम्हारी ही औलाद हूँ
क्या मेरे जाने से तुम्हारा दिल
जरा सा भी न पिघलेगा?
बाबा मैं माँ के घर में
और तुम्हारी दुनिया की दौड़ में
साथ निभाऊंगी
बाबा सारी खुशियां तुम्हें दूंगी
पढ़-लिखकर मैं इतना कमाऊंगी
तुम्हारी खुशी के लिए बाबा मैं
हंसते-हंसते मर जाऊंगी..!
कुछ तो तरस खाओ
जमाने पे तुम
बेटियां न होंगी तो
माँ, बहू, बहन, बीबी
कहां से लाओगे तुम !!!

निधि

कला स्नातक प्रथम वर्ष

प्राप्ति

मुलजिम हूँ मैं तेरा जो अक्सर बिना देखे यूँ ही दौड़ा
चला जाता हूँ
मुखातिब हूँ तेरे फरमान से सो यूँ ही दूर चला जाता
हूँ
जब-जब फिरती है ये सांसों की माला अक्सर सोच
में पड़ जाता हूँ
इक दिन चला जाऊंगा तेरी इस कशमकश भरी
जिन्दगी से यही सोच के सहम जाता हूँ।
कंधे मिलते तो हैं कब्र के लिए, चार, सहारे के लिए
ढूँढ़ता-ढूँढ़ता थक जाता हूँ!
पीर पराई होती है कहते हो सारे, अब सच मानकर
ये दर्द का घूंट पी जाता हूँ!
जन्नत मिली न तकदीर में काम लाखों किए
जब तक जीया इन दिल के भिखारियों के बीच, न
जाने कितनों के चोले गंदे किए।
अब मैं ऐ खुदा! तुझसे मुखातिब होना चाहता हूँ
सिमरता हूँ रोज इन जनाबों को, जो कहते हैं मुझे
तुझसे मिलवाएंगे
अब मैं तुझे अपने अन्दर खोजना चाहता हूँ!
थक चुका हूँ अब वैरन पड़े अपने रब्बाबों से
तेरी जमीन में दुआ के कुछ फूल महकाना चाहता
हूँ!!!

चित्ररेखा

बी0एस0सी0 प्रथम वर्ष

घर बन गया मकान

दूर से प्यारी दिखती वो जन्म बन गया हूँ
तारीफ सुनने लायक वो इमारत बन गया हूँ
घर तो मैं पहले हुआ करता था
अब तो ईंट, पत्थरों से बना वो मकान बन गया हूँ।
तुम्हारी तरह मैं भी उलझ-सा गया हूँ
मिलने को तुमसे तरस-सा गया हूँ।
कर रहा है इंतजार अपने परिवार के आने का
वरना अकेला अब मैं भी थक-सा गया हूँ।
दूर से खूबसूरत दिखता हूँ मैं
पर पास आकर वो खामोशी कोई सुनता नहीं है
आओ अब तुम इस मकान में तो तुम्हें पता चले
दीवारों के सिवा यहाँ बात कोई करता नहीं है!
साथ मिलकर तुम रहते थे
तो खुशी से झूम मैं भी उठता था न
हर सुख-दुःख में साथ मेरा वो परिवार
जैसा भी था पर घर तो घर लगता था न!
बारिश लग जाए इस आंगन में
तो अब कोई नाचता नहीं है
देखते तो सब हैं हमें
पर पास आकर कोई पूछता नहीं है!
चीख-चीख कर कहती हैं वो दीवारें
कहाँ गए वो अपने सारे
छोटी-सी खुशी से झूम उठते थे
न जाने अब कब देखेंगे हम वो नजारे!
कहते हैं वो खेत बेचारे
कब बैठेंगे पास हमारे!
न जाने कब वो दिन आएगा
जब ये मकान फिर से घर बन जाएगा!
नहीं आती खुशबू अब इस रसोई से
न बर्तनों का टकराव सुनाई देता है
हंसता-खेलता मेरा वो परिवार
अब तो तस्वीरों में दिखाई देता है !!!

आशा कुमारी
कला स्नातक प्रथम वर्ष

ऐसा तो नहीं था मेरा हिमाचल !

जरा ध्यान से देख अपनी ओर हिमाचल,
क्या तू अतीत में भी ऐसा ही था ?
कहाँ गए तेरे वो सुंदर-सुंदर पहाड़,
जिनके कारण तू सबका मन मोह लेता था,
जरा अतीत में देख, तब तू कितना प्यारा था,
जब हर स्थान पर केवल प्रेम का ही नारा था।
तेरे सुंदर-सुंदर गांवों में लोगों का बसेरा
बड़ा ही न्यारा था,
वन में उन जीव-जंतुओं ने भी अपना जीवन
अच्छे से गुजारा था,
तब खेत भी थे हरे-भरे और
नदियों में अमृत बहता था,
देवी-देवताओं में आस्था थी और
मन में ईश्वर बसता था,
किंतु आज तेरी दशा देख कर
मन मेरा विचलित हो उठा,
देवभूमि कहलाने वाला मेरा हिमाचल
आज नशे की राह पर है चल पड़ा,
ईर्ष्या, द्वेष और अपराधों ने भी
आज यहां है राज किया,
चिट्टे जैसे राक्षस ने आज युवाओं के भविष्य को
ही छीन लिया!
आज तेरी ये दशा देख कर,
मन में मेरे होती है हलचल,
क्योंकि
ऐसा तो नहीं था मेरा हिमाचल !!!

कोमल शर्मा
कला स्नातक द्वितीय वर्ष ।

लौटा दो

लौटा दो वो दिन मेरे जब मैं हार-जीत नहीं जानती थी
चढ़ना और गिरना बराबर था मेरे लिए
कोशिश करती जाती थी
उमंग और हर्ष के दस्ताने पहनकर इठलाकर
गीत गाती थी
सिर्फ नज़रों से देखती थी सबको अंतर्मन में
नहीं झांकती थी!
वस्त्र को मैला देखकर जब मुंह फुलाया करती थी
छिप जाती थी किसी पर्दे के पीछे धीरे से
मुस्कराया करती थी
समुद्रों को भरने की इच्छा न करते हुए बेफिक्र
होकर सो जाती थी
मासूम सी आंखों में चंदा मामा को भरकर
तारों के शहर जाती थी
लौटा दो मेरे वो खुशनुमा दिन जब मैं इस जग
को नहीं जानती थी!
दूसरों की दृष्टि यदि पड़ती तो अनदेखा कर
दिया करती थी
संदिग्ध कोई लगता तो राम-राम आंखें मूंद के
गुनगुनाया करती थी
छुता अगर कोई तो माँ का पल्लू पकड़ लेती
थी।
कोई कुछ बोलता तो मुंह में बड़बड़ाकर शांत हो
जाती थी।
लौटा दो मेरे वो अनजाने पल जिनमें मैं सबके
दिए हुए धाब अक्सर भूल जाया करती थी!
बना दो मुझे वही चंचल मूर्ख और ढीठ कहीं
जाने वाली
बना दो वो ही भोली जो अक्सर सिर नीचे
करके रो जाया करती थी।

बना दो वही जो कभी भी किसी को खुश
करने की चेष्टा अक्सर दिल में लाती थी
लौटा दो वो अनदेखे लम्हें जिसमें अनजाने में
ही सही मैं किसी को हंसा जाया करती थी !!!

चित्ररेखा शर्मा
बी.एस.सी. प्रथम वर्ष

लक्ष्य का पहला कदम

एक लक्ष्य जीवन का
पूरा जीवन देश के नाम है करना
वो जज़्बा कुछ कर गुजरने का
एन.सी.सी. से है मैंने पाया !
एन.सी.सी. का हिस्सा बन कर पता लगा
कि एकता और अनुशासन है क्या ?
किसी एक क्रेडिट की गलती पर
सभी क्रेडिट का पसीना बहाया जाता।
उसके बाद भी जब Senior's
How is the josh पूछते
तो अधमरी हालत होने के बावजूद भी
मुंह में बड़बड़ाते गाना
'ढल गया दिन, हो गई शाम
जाने दो, जाना है।
आगे जाके क्या करेगा, पीछे मुड़ देख
खाली 1,2,3 चल।
कभी गिरते तो कभी हंसते
बस ऐसे ही सुबह के 9 से शाम के 5 बजते
ATC में GCI की Physical Training के बाद
सांय काल की सांस्कृतिक गतिविधियों में
हिस्सा लेना
सारे दिन की थकान को दूर करता
रात होते ही घर की याद में रोना
वही ATC के अंतिम दिन घर न जाने का मन
करता !!!

बी.एस.सी. प्रथम वर्ष



Commerce Section

Staff Editor
Dr. B. S. Jaswal

Student Editor
Miss Sakshi Rana

As we navigate the Future of Commerce

We stand on the cusp of a new era where the landscape of business is transforming at an unprecedented pace. The convergence of technology, sustain ability, and consumer consciousness is reshaping how we conduct and perceive commerce. For students and aspiring professionals, this period of change presents both challenges and opportunities.

One of the biggest challenges in commerce education is bridging the gap between theory and practice. While academic knowledge is foundational, real-world experience is invaluable. Internships and industry collaborations offer students the chance to apply their learning in practical settings, gaining insights that cannot be taught in a classroom.

I appreciate the endeavors of the students who have contributed articles on the various aspects of the commerce stream and congratulate Sakshi Rana, student editor for collecting and proofreading the articles well in time. Wish you all a happy and fruitful reading.

*Dr. B. S. Jaswal
Editor, Commerce Section*

Student Editorial

Dear readers,

Success in any endeavor is highly independent on providing for and managing the independence of various segments and functions. It is a journey that calls for focus on integrative ideas and information in various aspects of life especially of business and how they can influence and be influenced by the environment they operate in. It is rightly said that the pen is mightier than the sword. It's the most powerful weapon that one can possess and it is the hope of light in the world of darkness.

The college magazine inculcates the young minds and imbibes in them habits of thinking and writing by providing a platform to present their creative, productive and innovative ideas and thoughts pertaining to every walk of life. I express my gratitude to the teachers and students of commerce department for their valuable and overwhelming contribution. I specially thank Dr. Jaswal, Editor, Commerce Section, for entrusting me with this responsibility of acting as student editor.

Sakshi Rana

Challenges for E-commerce

Although Web based e-business has numerous advantages but it has also posed threats on account of its being what is prominently called faceless and borderless. A few cases of moral issues have risen as a consequence of electronic business. Stead and Gilbert reported the accompanying ethical issues identified with e-commerce [Stead and Gilbert, 2001]. A. Privacy Protection has been a critical issue of both present and forthcoming electronic commerce users. Following issues in this regard are generally striking:

- Not being meddled with, having the ability to prohibit; singular Privacy is an ethical right of every individual.*
- Privacy is “an alluring state regarding ownership of data by different people about him/herself on the perception/seeing of him/herself by different people”*

B. Security Concerns Notwithstanding privacy issues, other ethical issues concerned with e-commerce is the security. The Internet offers uncommon simple entry to an unfathomable exhibit to various products and services. The quickly growing field of “click and mortar” and to a great extent unregulated cyberspace have however incited worries about both privacy and information and other ethical issues. Manufacturers often compete with Intermediaries. Online business has given rise to a new practice that is “Disintermediation.” It is a method of wiping out the mediator.

*Sanjana Sharma
3222740093*

Love as in Commerce

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

*Riya Kanwar
Bcom First Year- 24BCM015*

Make Dreams a Reality

- ☞ *"Believe in the power of your dreams and work diligently to make them a reality."*
- ☞ *"Happiness is not something ready made it comes from your own actions."*
- ☞ *"The more you focus on the good, the more goodness will surround you."*
- ☞ *"A kind word can change someone's entire day; be generous with them."*
- ☞ *" The greatest glory in Living lies not in never falling but in rising every time we fall ."*
- ☞ *" Believing in the power of your dreams is the foundation upon which all success is built."*
- ☞ *"When you truly believe in your abilities and your vision, you'll be more motivated to take action and overcome obstacles."*

Sakshi

B.Com Final Year-3222740089

Balance Sheet

Whatever we have earned has got to be repaid. What is life ? It is just tallying of Balance. On one side are our assets, on the other, liability. Whether to be received or to be paid it has to be decided. What we give is an asset, what we owe is liability. But remember EFO (Error & Omission excepted). A provision is necessary because "To Err is Human".

Shailja Sharma

BCOM (III)-22 BCM064

Investment

Investing is a powerful way to grow over time and wealth is essential to understand the basics before getting started. Why Invest ? Investment helps you to achieve your financial goals whether it's saving a down payment on a house or a big purchase. By Investing you are essentially putting your money to work from your potential earning that returns to help your wealth grow.

Kashish Chandel

B.Com Final Year - 3222740047

Corporate Social Responsibility

"Successful people have a social responsibility to make the world a better place and not just take from it"

Corporate Social Responsibility (CSR) : Types and Importance

Corporate Social Responsibility (CSR) is a business model that considers a company's social and environmental impact in addition to its economic profits.

CSR is also known as "corporate responsibility," "corporate accountability," "corporate citizenship," and "sustain ability".

Importance of Cost Accounting

Cost Accounting is a specialized branch of Accounting that deals with the classification, recording and allocation of Cost.

Cost accounting is important because it helps business take better decisions about costs, privacy and profitability. It also helps businesses manage their Cash flow and plan for the future.

Sonika

B.Com 2nd Year- 3222740102

Corporate Governance

Corporate Governance refers to the system of rules, practices & processes by which a company is connected & controlled. It involves the relationships among a company's management, board of directors, shareholders and other stakeholders. It is designed to ensure that the company is run in a responsible & ethical manner. Corporate Governance is the frame-work of rules, practices used to debt & manage a company's operations, with the-goal of maximizing shareholders value and ensuring the company's long-term sustainability. Four Pillars of Corporate Governance are Accountability, Transparency, Responsibility and Fairness.

Mamta Kamari

B.Com 3rd Year - 3222750008

What is Commerce ?

- ☞ *Need a product or service to sell.*
- ☞ *Place from where a to sell the products.*
- ☞ *A way to accept orders.*
- ☞ *A way to deliver the service often known as fulfilment.*
- ☞ *A Way to accept returns and customer service.*
- ☞ *Technical support department to assist customer with products.*

Sunidhi Sharma

B.Com Final (3rd)-3222740104

Impact of GST on Indian Economy

*A single tax, a nation wide sweep,
GST, a change, the markets leap,
From tangled webs of state to state,
A unified system, no more to wait.
The cascading tax, now laid to rest,
Input credit, a business's best,
Across borders, good flow free,
A seamless trade, for all to see.
Formalization grows, the shadows fade,
Small firms emerge, no longer afraid,
Transparency rings, a clear view,
Tax evasion, less room to accrue.
The government's purse,
now well-filled,
Investment flows, the future thrilled,
From rural to urban, a boost is seen,
The Indian economy, now pristine.
Yet challenges remain, a path to pave,
For complex issues, solutions to crave,
But with each step, the vision clear,
A robust economy, drawing near.*

Kiran Choudhary

Bcom First Year-24BCM030

Insurance : An Alternative Social Security

Humans are social animals who live in a society. Society has a role to play in an individual's life one of which is of providing protection to an individual. Life Insurance emerged as an alternative to the kind of social security, which we used to get from our security and is a solution where society is just a spectator. Life Insurance is a financial product offered by various insurance companies which provides financial support on the event of loss of life of insured person to its family life which makes it a must. Insurance is the service which provides social security during insurance period on payment of a nominal premium annually or monthly which is also known as term insurance plan. Insurance is becoming more famous as an investment alternative which promises an amount as a sum assured at the expiry of the insurance period in addition to the rise of sources for life. Endowment plan is a currently developed financial product which is a hybrid of term insurance and fixed deposit that offers lowest rate of return to the investors.

*Rozi Naz khan
B.Com 3rd Year*

Working Capital and its Components

Working Capital : *Working capital is the capital of a business which is used in its day to day trading operations, Calculated as the current assets minus the current liabilities.*
Working Capital = current assets-current liabilities.

Components

- | | |
|--------------------------|---------------------------|
| 1. Current Assets . | 2. Current Liabilities |
| • Cash in hand. | a) Bills payable |
| • Sundry debtor. | b) Sundry creditors |
| • Prepared expenses. | c) Outstanding expenses |
| • Inventories of stock . | d) Dividend payable |
| • Cash at bank. | e) Bank overdraft |
| • Accrued income . | f) Provision for taxation |
| - | |

*Meenakshi
(M.com 4th Semester)*

सुन लो शेयर बाजार की पुकार, मंदी से प्यार मुनाफे की भरमार मैं हूँ एक ऐसा बाजार। होता जहाँ *listed* कंपनियों के शेयर का कारोबार।। *SEBI* है मेरा करता धरता। *Sense* और *Nifty* है मेरे कार्यकर्ता ।। सन् 1875 में जन्म हुआ मेरा । आसान नहीं था सौ से साठ हजार का फसाना ।। कभी *bull* तो कभी *bear* से करी सफलता की सवारी। दोनों के साथ कर रहा हूँ एक लाख पहुंचने की तैयारी।। सभी को करनी है मुझसे दोस्ती। सोच समझकर बढ़ाता हूँ मैं अपनी हस्ती ।। धैर्य और दूरदर्शी निवेशक से प्यार वाली बट्टी । अधीर और *Shortcut* निवेशक से बड़ी वाली कट्टी ।। मुझे समझना है बहुत आसान वित्तीय सलाहकार से लिजिये मेरा ज्ञान, धीर और दूरदर्शिता की रखो समझदारी । मंदी में खरीदारी तो जमेगी अपनी लवी यारी।।

*Kusum Thakur
Bcom First Year - 24BCM013*

Deficit Financing

Definition : When government expenditure tends to exceed public income, the government may resort to deficit financing to meet the deficit in the budget. Keynes organized the idea of deficit financing as a compensatory spending meant to solve the problem of unemployment and depression. Modern economists prescribe deficit financing for developmental purposes. Dr. V.K.R.V. Rao (Indian Economist) defines deficit financing as the financing of a deliberately created gap between public revenue and public expenditure or a budgetary deficit, the method of financing resorted to being borrowing or a type that results in a net addition to national outlay or aggregate expenditure. Deficit financing implies creation of additional money supply. Deficit may be depression deficits and developmental deficits depending upon its use. Developmental deficits are expected to provide stimulus to economic growth by affecting investment, employment, and real income, with their due multiplier and cumulative expansionary effects. On the other hand Depression deficit is advocated on the criterion of the net benefit of public spending as to what extent & would stimulate private investment and bring forth recovery. Deficit financing for developmental purpose is resorted to mainly because, when the government in an underdeveloped country takes up the responsibility of promoting economic growth, it has to compensate for the lack of private investment through expansion of public sector. But, due to lack of current resources at its disposal, it normally finds it difficult to finance the huge public outlay necessary for accelerating the growth level. Since, due to overall poverty in an underdeveloped country, taxation has a narrow coverage and the involuntary savings are very low on account of low per capita income and the high marginal propensity to consume, the government tends to mobilize resources from high consumption and unproductive uses to productive uses and capital formation purposes through deficit financing. In democratic underdeveloped countries, deficit financing is preferred to taxation for political reasons. The government always finds it easier to print more notes and meet expenditure rather than raising the same amount through taxation measures, as there is always public resentment to additional taxes in normal times.

Divya

M.com 2nd Semester - 24MCOM014

Key Aspects of Future Commerce

In the future of business, “commerce” will primarily refer to a highly digital and customer-centric approach to buying and selling goods and services, heavily reliant on online platforms, data analytics, and personalized experiences, with a focus on seamless integration across various channels like social media and marketplace, essentially meaning most transaction will happen online with a strong emphasis on customer convenience and engagement. Key aspects of futures commerce :-

- **E-commerce dominance:-** Online shopping will be the primary way people purchase goods, with more sophisticated platform forms and features like virtual reality experience.
- **Personalization :-** Businesses will use data to tailor product recommendations and marketing strategies to individual customer.
- Social commerce :-** Buying and selling directly through social media platforms will become increasingly common.
- **Mobile :- First approach :-** Mobile devices will be the primary access point for online commerce.
- **Subscription Models :-** Recurring subscription service for products and services will be prevalent.
- **All integration :-** Artificial intelligence will be used to manage inventory, optimize pricing, and provide customer support.
- **Omnichannel experience :-** seamless integration between online and offline shopping experiences will be crucial.

Sonali
Roll.No. – 23MCOM028

Study on Unified Payment Interface (UPI)

The Unified Payment Interface (UPI) is one of the great inventions of E-Payments introduced by National Payment Corporation of India (NPCI) on April 11, 2016. The launch was in Mumbai and was performed by Dr. Raghuram G Rajan, the Governor of the Reserve Bank of India, UPI is significant payment in terms of cost ease of use for consumers, settlement times and securities. It has facilitated large number of population to bring within the preview of digital economy. It is a type of payment system through which any customer holding Bank account can send and receive money through a UPI-based app . Google Pay is the highest and Amazon pay is the lowest used apps and majority use UPI apps mainly for fund transfer. UPI is faster than traditional methods like NEFT, RTGS, or IMPS. It is also made easy for the fraudsters to cheat the public by using the same sophisticated technology calling as cyber crime. Suggestion for awareness programmes should be provided to students and general public, to avoid cyber crime, by the government. From the above study, it is clear that UPI is going to change the way India is transacting now and transforming into digital payment where each person's smart phone will be the primary device for all payments.

Kalpna
M.COM 2nd Sem.-24MCOM025
University Roll No.- 240352740006

Economic Stabilization Policies

Economic stabilization is one of the main remedies to effectively, control or eliminate the periodic trade cycles which plague capitalist economies or mixed economies. Economic stabilization, it should be noted, is not merely confined to a single individual sector of an economy but embraces all sectors of the economy. In order to ensure economic stability, a number of economic measures have to be devised and implemented. The following instruments are used to attain the objectives of economic stabilization, particularly control of trade cycles, relative price stability & attainment of economic growth :-

1. Monetary Policy : *The most commonly advocated policy of solving the problem of fluctuations is monetary policy. Monetary policy pertains to banking and credit, availability of loans to firms and households, interest rates, public debt and its management, and monetary management. However, the fundamental problem of monetary policy in relation to trade cycles is to control and regulate the volume of credit in such a way as to attain economic stability. During a depression, credit must be expanded and during an inflationary boom, its flow must be checked. Monetary management is the functions of the commercial banking system, and through it, its effects are primarily exerted on the economy as a whole.*

2. Fiscal Policy : *Today foremost among the techniques of stabilization is fiscal policy. Fiscal policy as a tool of economic stability, however, has received its due importance under the influence of Keynesian economics only since the depression. The term "Fiscal policy" embraces the tax & expenditure policies of the government. Thus fiscal policy operates through the control of government expenditure and tax receipts. It encompasses two separate but related decisions: public expenditure and level and structure of taxes. The amount of public outlay, the inducement and effects of taxation and the relation between expenditure and revenue exert a significant impact upon the free enterprise economy. As a matter of fact, all government spending is an inducement to increase the aggregate demand & has an inflationary bias in the sense that it releases funds for the private economy which are then available for use in trade & business. Thus, the public expenditure and public revenue not only help to mould the economic structure of the country but also exert certain effects on the economy.*

Rekha Kumari

M.com II Sec- 240352740018

Goods and Service Tax

जी.एस.टी. 1 जुलाई 2017 से भारत में लागू किया गया है यह भारत सरकार की अप्रत्यक्ष कर व्यवस्था है जी.एस.टी. प्रत्येक वस्तु और सेवा पर लगाया जाता है और उपभोक्ता द्वारा वस्तु खरीदने पर जी.एस.टी. दिया जाता है वर्तमान में कर संरचना को दो करो में विभाजित किया गया है

1. प्रत्यक्ष कर – यह वह कर होते हैं जिनकी देनदारी किसी और को नहीं सौंपी जा सकती है उदाहरण के लिए प्रत्येक व्यक्ति को अपनी आय पर प्रत्यक्ष कर देना पड़ता है

2. अप्रत्यक्ष कर – इन करों का भार दूसरे व्यक्ति पर सौंपा जा सकता है अर्थात उपभोक्ता पर इसका भार पड़ता है।

जी.एस.टी. में 4 प्रकार के टैक्स है :-

1. *CGST & Central GST* केंद्र सरकार द्वारा एकत्र किया जाता है।

2. *SGST & State GST* राज्य सरकार द्वारा एकत्र किया जाता है।

3. *IGST & Integrated GST* राज्य और केंद्र सरकार राजस्व इकट्ठा करती है।

4. *UGST & Union territory* केंद्र शासित प्रदेशों द्वारा प्राप्त किया जाता है

Sachin Sharma

Types of Stores in Electronic Way :-

Online Marketplaces :

- *Amazon, Flip kart and eBay* : online platform that host many sellers and offer a wide of product.

- **Consumer to consumers** : Individual consumers sell products or services directly to others consumer through online platform.

Social commerce :

- *Facebook, Instagram and Facebook* : Social media platform that allows users to buy and sell products directly within the app.

Mobile commerce :

- *Smart phones and tablets*:-Mobile devices that allow users to conduct retail transaction.

Other types of electronic stores :

- **E-commerce stores** : Dedicated online platforms owned and operated by individuals business.

Nakita
M.com 4 Sem.

Defence Budget

The military budget or defence budget of India is the portion of the overall budget of union budget of India that is allocated for the funding of the Indian Armed Forces. The military budget finances employee salaries and training costs, maintenance of equipment and facilities. Support of new or ongoing operations, and development and procurement of new technologies Weapons, equipment, and vehicles. The Indian Army accounts for more than half of the total defence budget of India with most of the expenditure going to the maintenance of cantonments, salaries and Pensions, instead of critical arms and ammunition.

Shikha Kumari
M.com 2nd Sem-24MCOM006
Uni. Roll No. : 240352740024



Sanskrit Section

अध्यापक सम्पादक
डॉ० अजीत कुमार

छात्र सम्पादक
प्रियंका कुमारी

स्वायत्तमेकान्तगुणं विधाता विनिर्मितं छादनमजतायाः ।

विशेषतः सर्वविदां समाजे विभूषणं मौनमपण्डितानाम् ॥

व्याख्या :-

ब्रह्म ने कृपा करके मूर्खों के लिए उनकी मूर्खता को छिपाने का अत्यन्त हितकार साधन 'चुप रहना' बनाया है जो उनके ही अधीन है अर्थात् जो पूर्णतया उनके ही वश में है तथा इससे विद्वानों की सभा में उनकी शोभा भी बढ़ती है। इस प्रकार मौन रहने से मूर्खों की मूर्खता तो छिप जाती है साथ ही विद्वानों की सभा में उनका आभूषण बनकर उनकी शोभा को भी बढ़ाता है। चुप रहने से उनकी मूर्खता का भी पता नहीं चलता।

येषां न विद्या न तपो न दानं ज्ञानं न शीलं न गुणो न धर्मः ।

ते मर्त्यलोके भुवि भारभूता मनुष्यरूपेण मृगाश्चरन्ति !!

व्याख्या :-

भतृहरि जी कहते हैं कि जिन मनुष्यों के पास न विद्या है न कोई तप है, न दान देने का गुण है, न ज्ञान प्राप्त करने का प्रयत्न करते हैं, जो जीवन में सदाचार का पालन नहीं करते हैं, दया दाक्षिण्यादि गुणों से रहित हैं, धर्म का आचरण भी नहीं करते ऐसे मनुष्य वास्तव में मनुष्य कहलाने के अधिकारी नहीं हैं। ऐसे मनुष्य पृथ्वी पर भार स्वरूप ही हैं तथा मनुष्य होते हुए भी पशुओं के समान इस लोक में विचरण करते हैं।

प्रियंका कुमारी

बी.ए. प्रथम वर्ष

कहानी : सत्यस्य विजयः

प्राचीनकाले कश्चन बालकः आसीत्। सः सदैव सत्यं वदति स्म। एकदा तस्य मित्रेण फलमेकं चोरितं। बालकः तत्र उपस्थितः आसीत्। मित्रेण तं पृष्ठं- “किं त्वं मम साहाय्यं करोषि? सः बालकः उक्तवान् ‘अहं सत्यं वदामि। चौर्यं न करिष्यामि।

अन्ये मित्राणि तं बालकं परिहासं कृतवन्तः परन्तु सः निश्चतः स्थातुम्। दिनानन्तरं विद्यालये गुरुणा पृष्ठं- ‘कः फलानि चोरितवान्?’ बालकः सत्यं उक्तवान्, चौर्यस्य साक्षी उभवत् ।

गुरुः तम् अभिनन्दितवान्। सत्यं वक्तुं साहसः आवश्यकः इति शिक्षाम् उदात्। सः बालकः सत्यस्य विजयः इति स्मृत्वा सदा सत्यं वदति स्म।

दिव्या शर्मा

बी.ए. प्रथम वर्ष

सुविचार.....

1. क्रोधः प्रीतिं प्रणाशयति मानो विनयनाशनः ।
माया मित्राणी नाशयति लोभः सर्वविनाशनः ।
अर्थ :- क्रोध प्रेम को नष्ट कर देता है, अभिमान विनय को नष्ट कर देता है, पाखण्ड मित्रता को नष्ट कर देता है जबकि लोभ सब कुछ नष्ट कर देता है ।
2. न प्राणयति सम्माने नापमाने च कुप्यति ।
न क्रुद्धः पुरुषं ब्रूयात् स वै साधूतमः स्मृतः ।
अर्थ :- संत तो वही है जो मान देने पर हर्षित नहीं होता । अपमान होने पर क्रोधित नहीं होता तथा स्वयं क्रोधित होने पर कठोर शब्द नहीं बोलता ।
3. वाचा च मनसः शौच शौचमिन्द्रियनिग्रहः ।
सर्वभूतदय शौचतेतथछौच परमपथिनाम् ।
अर्थ :- मन, वाणी को पवित्र रखना, इंद्रियों को निग्रह सभी प्राणियों पर दया करना और दूसरों का उपकार करना सबसे बड़ी शुद्धता है ।

तृप्ता देवी

बी.ए. प्रथम वर्ष

पर्यावरणम्

परि+आवरणम् इति पर्यावरणम् । पर्यावरणं मानवजीवनस्य आधारभूतं तत्त्वम् अस्ति । यत्र जलं, वायुः, भूमिः तथा वृक्षाः सन्ति । तत्र जीवनं सुखकरं भवति । प्रकृतिः समेषां शुद्धाः संरक्षणाय यतते । इयं सर्वानफ पुष्पाति विविधैः प्रकारैः सुखसाधानैः च तर्पयति । तान्येव मिलित्वा पृथक्तया वाऽस्कां पर्यावरणं रचयन्ति । आक्रियते परितः समन्तात् लोकः अनेन इति पर्यावरणम् । अतः अस्य संरक्षणं सर्वेषां कर्तव्यं भवति । पर्यावरणं मानवस्य तथा अन्येषां प्राणिनां जीवनाय आवश्यकं अस्ति । वृक्षाः वायुम् शुद्धं कुर्वन्ति, वर्षा च आकर्षयन्ति । नदीः सरसः समुद्रः जलं प्रददाति । यदि अस्माकं पर्यावरणं दूषितं भवित, तर्हि अस्माकं स्वास्थ्यं अपि नष्टं भवित । यथा अजातः शिशुः मातृगर्भे सुरक्षितः तिष्ठति तथैव मानवः पर्यावरणकुक्षौ । अधुना पर्यावरणस्य अवस्था अत्यन्तं शोचनीया अस्ति । नगरीकरणं, औद्योगिकीकरणं, वृक्षाश्छेदनं च पर्यावरणं दूषणस्य मूलकारणानि सन्ति । वायु दूषणं, जलदूषणं, भूमिदूषणं च वर्धमानं दृश्यते । पर्यावरणसंरक्षणाय अनेकं उपायाः सन्ति । वृक्षारोपणं करणीयम् । प्लास्टिक वस्तुनां उपयोगः न्यूनः कर्तव्यः नदीनां स्वच्छता रक्षणीयः पर्यावरणसंरक्षणं सर्वेषां कर्तव्यं अस्ति । यदि अस्माकं पृथिव्याम् उर्वरां, समृद्धां च दुष्टम् इच्छामः तर्हि वयं पर्यावरणसंरक्षणं अनिवार्यं मन्येमहि । प्रकृतेः रक्षणं तु अस्माकं जीवनस्य रक्षणं भवति ।

भावना देवी

जलस्य संरक्षणम्

शिक्षकस्य महत्वम् –

शिक्षकः राष्ट्रनिर्माता अस्ति। सः ददाति मार्गं दर्शयति च । शिक्षकस्य स्नेहः धैर्यं च विद्यार्थीषु आत्मविश्वासं जनयति। अतः अस्माभिः शिक्षकानां सम्मानः करणीयः ।

जलस्य संरक्षणम् –

जलं जीवनस्य मूलं अस्ति। बिना जलेन जीवनं दुष्करम्। जलं हि प्राणिनः जलं शस्यस्य जीवनं। न जलेन विना लोके शस्यबीजं प्रजायते। अतः जलं रक्षणीयं यतः जलं तस्य दुर्लभतमं भविष्यति।

योगस्य महत्वम् –

योगः शारीरिक, मानसिक, आध्यात्मिक संतुलनं करोति। योगाभ्यासेन शरीरं स्वस्थं भवति, मनः प्रसन्नं च। अतः सर्वेऽपि प्रतिदिनं योगं कुर्वन्तु।

पुस्तकानां महत्वम् –

पुस्तकाः ज्ञानस्य स्रोतः। ताः अस्मान् नवीनं ज्ञानं ददाति। पुस्तकेषु नूतनं विचारः विद्यते। अतः अस्माभिः नित्यं पुस्तकं पठनं करणीयम्।

पर्यावरणस्य संरक्षणम् –

वृक्षाः जीवनस्य आधारः। यदि वृक्षाः न सन्ति, तर्हि जीवनं दुष्करं भवेत्। अतः अस्माभिः वृक्षारोपणं करणीयं, अपशिष्टं न्यूनं करणीयं च। ‘पृथिवीं रक्षतु, जीवनं रक्षतु।’

समयस्य मूल्यं –

समयः अमूल्यः। सः एकवारं गच्छति चेत् पुनः न प्रत्यागच्छति। अतः अस्माभिः समयस्य सदुपयोगं करणीयं। ‘कालः सर्वस्य श्रेष्ठः गुरुः’ इति उच्यते।

विज्ञानस्य योगदानम् –

विज्ञानं अस्माकं जीवनं सुगमं करोति। दूरसंचारः, यन्त्राणि, वैद्यकशास्त्रम् इत्यादिना अस्माकं जीवनं सुधार्यते। परन्तु अस्माभिः विज्ञानस्य सदुपयोगः एवं करणीयः।

नेहा ठाकुर
बी.ए. तृतीय वर्ष

भाव

हे विधाता! कोटि-कोटि आभार,
ये स्वर्णिम – आभामय- स्वर्ग रूपी संसार में,
मेरी उत्पत्ति हेतु
आई अपार महिमा उन विधाता, प्रकृति की,
दित्या जब जन्म जीव-जन्तु आदि को,
उन परमात्म – अंश तक।

हे भाग्यशाली परमात्मा अंश!
बनो निर्मल नीर समान,
आपणे सत्कर्मों द्वारा।
तभी होगा एकीकार
अंश का प्रकृति में।

माया रूपी संसार में ढूँढता ईश्वर पग-पग पर
कऊन जाने, समझाए उस सुंदर अज्ञानी पतंगे को
करे स्व-साक्षात्कार,
पहचाने अपने भीतर समाए ईश्वर अंश को।

जे करवाएला सत्य असत्य,
सही गलत की पहचान,
हे अंश! क्या कित्या आभास यह तुमने?
सेई आभास है ईश्वर।

जिकराके ई पहचान करवाई,
जाई ओ शांतिमय दीपक-लौ में,
करीं प्रायश्चित आपन दुष्कर्मों के,
करीं पूजन उ परमात्म-अंश के,
करीं सम्मान आपन माई-बाबू जी, गुरु के,
जिन्होंने यह आभास करवाया ।

हे ईश्वर! कोटि-कोटि धन्यवाद आपका,
यह सुंदर जीवन मुझे देने के लिए !!!

तनीषा कुमारी

कला स्नातक द्वितीय वर्ष

बेटी

त्यागं च समर्पणं शिक्षयति कन्या
नवनान्यपि बन्धून् निर्माति कन्या ।

यदा-यदा जायते कन्या
सह एव हर्षं आनयति कन्या ।

यस्यां गृहे गच्छति प्रकाशं आनयति कन्या
पुनः पुनः स्मरणं याति कन्या ।

ईश्वरस्य वरं एव कन्या
प्रभाते प्रथमं किरणं कन्या ।

कन्यायाः मूल्यं तेषां पृच्छ
येषां निकटे नास्ति कन्या ।

नक्षत्राणां शीतलच्छाया कन्या
अगूडने पक्षिणी कन्या ।

शिवानी कुमारी
कला स्नातक तृतीय वर्ष

श्रीकृष्णः अर्जुनः संवाद

एवं प्रवर्तितं चक्रं नानुवर्तयतीह यः ।

अधायुरिन्द्रियरामो मोघं पार्थ स जीवति ।

भावार्थ :- हे पार्थ! जो पुरुष इस लोक में अपने कर्तव्यों का पालन नहीं करता वह इंद्रियों के द्वारा भोगों में रमण करने वाला पापायु पुरुष व्यर्थ ही जाता है।

नियतं कुरु कर्म त्वं कर्म ज्योयो कर्मणः ।

शरीरं या त्रपि चते न प्रसिद्धं येदकर्मणः ॥

भावार्थ :- अपना नियत कर्म करो क्योंकि कर्म न करने की अपेक्षा कर्म करना श्रेष्ठ है। कर्म के बिना तो शरीर निर्वाह भी नहीं हो सकता।

यदाचरितं श्रेष्ठः तत्तदेवेतरो जनः ।

स यत्प्रमाणं कुरुते लोकस्तदनवर्तते ॥

भावार्थ :- श्रेष्ठ पुरुष जो जो आचरण करता है। अन्य पुरुष भी वैसा ही आचरण करते हैं। वह जो कुछ प्रमाण देता है, समस्त मनुष्य समुदाय उसी के अनुसार बरतने लगता है।

आयुष

बी०ए० प्रथम वर्ष

रोल नं० 24POLO55

अस्माकं भारत :

अस्माकं प्रियं भारतं यत वयं कदाचित् आर्यवर्तं कदाचित् ब्रह्मर्षि प्रदेशं च वदामः, तस्य सुन्दराणि उद्यानानि गुरुगुरजल प्रपाताः सुखदवायुः चंचलपक्षिणः च एतां भूमिं मनमोहकं कुर्वन्ति। त्रेयायुगे श्री रामकृष्णस्य ज्ञानेन अस्थाः पृथिव्याः गौरवं द्वापरयुगे च मानवतां शोभते।

शृणुत, शृणु भारजनाः, अहं मम गौरवस्य कथां गायामि अहं भवदभ्यः सर्वं मम भारतस्य स्वर्णमयं इतिहासं कथयामि।

भूमिमाता देवपूजिता मनुवतारं गृहीतवती कश्यप ऋषिः स्वतपस्येन प्रकृतेः भण्डारान् पूरितवान् मातृगृहं जलीय-विमान-स्थलीय जीवैः अलङ्कृतम् अस्ति।

लता वृक्षान् पुष्पान् च प्रतिदिनं नवभूषणैः अलङ्कारयेत् पृथिवी वीरधर्मः निर्माता पोषिता च तस्या कथां गायामि।

शृणुत शृणु भारत जनाः अहं भारतम् गौरवस्य कथां गायामि। तस्या सन्तानः ध्रुवः प्रल्हादः च, तस्या माता अनुसुइया सीता इव।

तस्याः भक्ति कथा राधा-मीर सदृशी अस्ति। प्रियव्रत, पृथु तस्य राजा, रामेण जगत् बुद्धः कृष्ण तस्य भाग्यः, येन सह प्रजापतिः बुद्धः ज्ञानमृतेन सह ज्ञानं भक्तिश्च प्रफुल्ले तस्य रसं त्वां पिबामि।

आंचल

रोल नं० 24HISO19

समयस्य सदुपयोग

समयस्य समुचित रूपे उपयोगः स्व समयस्य सदुपयोगेः कथ्यते। समयस्य सदुपयोगः मानव समाजस्य हितासाधकेषु साधनेषु सन्ति परं तेषु सर्वापेक्षया बहुमूल्यं वस्तु समयः एवं वर्तते। यतः अन्यानि वस्तुनि विनष्टानि अपि पुनः उपार्जनेन लब्धुं शक्यते यशः विनष्टः समयः सहस्रत्रैपि प्रयत्नैः दुर्लभः एव। अतएव समयः सर्वाधिकं बहुमूल्यं वस्तुमन्यते। अस्माकं भारतीयानां कृते अथ राष्ट्रनिर्माणस्य कालः वर्तते। अस्माकं एकन्धेषु राष्ट्रनिर्माणस्य महान् भारः वर्तते। अस्मिन् समये त विशेषरूपेण अस्मीभिः समयस्य सदुपयोगे ध्यमं दातयन् धनं शीघ्रतया राष्ट्रस्य समुन्नति स्यात्। अस्मिन् विषये छात्रैः विशेषरूपेण ध्यानं देयम्। अतः ते एव भारतस्य भाविनः कर्णधाराः तथा भाग्याविधातरः सन्ति।

ममता

बी.ए. तृतीय वर्ष



Planning Section

*Staff Editor
Naveen Bhardwaj*

*Student Editor
Miss Kavita*

Student Editorial

Dear Friends,

I Kavita Welcome you all in the “Planning Forum” section of “Vyas” our college magazine. It is a matter of pride for me to bring before you the “Planning Forum” in the edition of college magazine. I am especially thankful to staff editor Dr. Naveen Bhardwaj to provide me this opportunity of being the editor of the planning section and for his able guidance.

The college magazine is a medium which has student through their thoughts, values, desire, talent, creativity and views which can question or challenge social norms and establishments. College magazine is one of such platforms that given us an opportunity to present our ideas on various topics. I congratulate all the students whose article has been incorporated in this section.

As an Indian, It is my duty to respect Indian economy, it is our responsibility to control economy in inflation, stable price, export and import these are depends upon the customer demand.

In the end, I want to encourage students to work hard to find their own voice and never stay away to share it with others. Being a student of outgoing class, wish you all my friends prosperous glorious and successful future, with these words, I wish “All the best” “Education is the mean by which out is trained the serve the cause of social, drastic and economic change.”

*Kavita
B.A. 3rd mYear*

Make in India

Make in India is a national initiative aimed at promoting domestic and foreign investment to transform India into a global manufacturing hub launched by Prime Minister Narendra Modi on September 25, 2014, the Make in India initiative aims to transform India into a global manufacturing hub. The Programme seeks to encourage both multinational and domestic companies to manufacture their products in India, thereby enhancing the country's industrial reflects a significant shift in policy aimed at improving India's manufacturing sector's contribution to the Gross domestic product (GDP) and employment.

Make in India Initiative :

The “make in India initiative, launched by the Government of India in September 2014 is a transformative campaign aimed at bolstering the country's manufacturing sector. This ambitious programs seeks to promote, foster job creation, and enhance the overall ease of doing business within the country.

Make in India : “ initiative aspires to elevate India status on the global industrial map, while fasting the creation of quality products and skilled job opportunities.

Aims of Make in India :

- *Boosting Manufacturing Sector.*
- *Job Creation.*
- *Attracting Foreign direct investment.*
- *Enhancing innovation and Random.*
- *Development infrastructure.*

Make in India Success :

The success of the Make in India initiative has been significant bolstered by record breaking. Foreign Direct Investment (FDI) inflow driven by the simplification of FDI rules and improvements in ease of doing business. India new ranks among the top 100 nations in the Ease of doing business (EODB) index.

Four Pillars of Make in India The 4 pillars of Make in India initiative are New Mind set, New Sectors, New Infrastructure and New Processes. Hence, the make in India Initiative not only aims to the manufacturing sector but also other sectors.

The Symbol of Make in India

It is the symbol of Make in India. This logo was inspired by the Ashoka Chakra to represent India's success in all spheres.

Conclusion

To Make India free of unemployment by bringing development and growth this policy is the urgent need we can downsize poverty in India to a great level by, solving the unemployment issue for youths.

Shivani Sharma
M.A. 2nd Sem.
Roll No. 24MECO012

Global Migration and Governance

Migration entails relocating from one place to the other. The relocation takes place for a number of reasons. More specifically, international migration occurs under instances where people cross state or national borders to settle in the host territory for a given duration of time (Newland 332). When this phenomenon occurs at a large scale, then it is referred to as global migration. As such, global migration can be viewed as the movement of people from one country to another on a worldwide scale.

According to Newland, the number of migrants has risen sharply in the recent past.

The expansion in international movement of people is expected to grow further due to the increasing demographic disparities.

The growing number of migrants in the world highlights the importance of this and similar studies. Many immigrants are vulnerable and are exploited by various agents for a number of reasons. In addition, they are poorly protected by international institutions and individual states.

Sakshi
M.A. 4th Sem. (Economics)
Roll No. 50232740011

Self-Help Group (SHG)

A Self-Help Group is a group of people, who come together to improve their economic and social well being Self-Help Groups (SHGs) in Himachal Pradesh originated in 1990's.

SHG's play a vital role in Himachal Pradesh, particularly in rural areas, by providing economic and social empowerment to marginalized communities.

Its objective is to make women aware for their economic and social rights along with rural, social and economic growth.

Programs and Schemes to promote SHG's in Himachal Pradesh :-

1. National Rural livelihood Program -

NRIM started in 2011. Government aimed to promote SHG's and improveing the livelihoods of rural poor.

2. Women Impositionment Program -

This program started in 2001. A program designed to empower women through SHG's promoting their socio -economic development.

3. Rural Development Program -

A program focused on rural development through SHG's entrepreneurship and income activities.

By programing SHG's, H.P. aims to empower marginalized communities, improve their economic and social - being well being and contribute to the state's overall development.

*Deepika Thakur
B.A. 3rd
Roll No. 22BAMO16*

Impact of Environment on Economy

- ◆ *The environment has a significant impact on the economy and the two are closed linked :-*
- ◆ *Economy in environment protection :- Can have positive economy effects, such as creating jobs, reducing environmental costs, and attracting skilled labour.*
- ◆ *Poor environmental quality :- Can negatively impact economy growth and well being by limiting resources and causing health issues.*
- ◆ *Climate change :- Can have significant economic form, particularly for lower income countries. Climate change can impact the economy through infrastructures damage, shrouded change can assets and more frequent weather shocks*
- ◆ *Air pollution :- Can cause health issues that impact the economy by reducing workforce productivity, increasing staff absence and lowering crop yields.*
- ◆ *Resources extraction :- Can result in pollution and other environmental issues .*
- ◆ *Environment policies :- Can help less on/lesson the negative impacts of the economy on the environment.*

Environmental economics is a field that studies the relationship between the economy and the environment, and places a greater emphasis on negative externalities like pollution and ecosystem loss.

*Kavita
B.A. 3rd
Roll No. 22EC0004*

Online Banking

Online banking is a digital service offered by banks and financial institutions that allows customers to Manage their accounts and perform Financial transaction over the internet. It provides a convenient way to access banking services without visiting a branch. Below are the key features and benefits of online banking.

Key Features of Online Banking :-

1. Account Management :

- ◆ *View account balance and transaction history.*
- ◆ *Monitor deposits, withdrawals and statement.*

2. Fund Transfers :

- ◆ *Transfer money between accounts within the same bank.*
- ◆ *Make payments to accounts in other banks.*

3. Bills Payment :

- ◆ *Pay within bills such as electricity water and internet.*
- ◆ *Set up automatic recurring payments.*

4. Investments :

- ◆ *Buy or redeem mutual funds.*
- ◆ *Open fixed or recurring deposits.*
- ◆ *Manage stock portfolios*

5. Loan Management :

- ◆ *Apply for loans or Credit cards.*
- ◆ *Check loan EMIs and repayment schedules.*

Benefits :

- ◆ *Cost - Effective : Saves times and travel Costs.*
- ◆ *Speed : Quick transactions and reduced dependency on physical branches.*

*Jeshita
B.A. with Economics
2nd year
Roll No. 50232740011*

Google Pay

The vision of Digital India strategy is to transform India into a digitally empowered society and knowledge economy. On January 8, 2018, Google declared the Google wallet would be combined into Android Pay, with the service as Google Pay. It is called as G-pay. Google Pay app installed on our smart phone. People are pay through electronically their transactions i.e. purchasing products of shops, Consuming services, mobile recharge, online shopping, electricity bill, etc., Google pay is simple and safe system to transfer money immediately. This system gives more financial flexibility to the dealers and customers as well as people who desire to send or received money . Google pay is a cash less economy which avoids utilizes money in physical form. It minimizes the risk of handling liquid cash/ Digital payment can also be moistened easily.

Advantages and Disadvantages of Online Payments :

Online payment have become increasingly popular over the past few years. With the rise of e-commerce and mobile technology, more and more people are turning online payments as a convenient and secure way to make transactions. But any payment method, there are both advantages and disadvantages.

Advantegess :- Online payment allow for easy, quick transactions without the heed for cash or checks. They can be completed with a few clicks on a computer or smart phone, making it easy to complete transaction from anywhere at any time. Online payment offer a higher level for security compared to traditional payment method.

Disadvantages :- Online payment technology, which on be prone to glitches, server outages and other techical Issus. If there is a problem with the payment system, transactions can be delayed or fail entirely, while online payment are generally server, there is always the risk of fraud and theft.

*Kritika
B.A. 2nd year
Roll No. 23ECO055*

The Reserve Bank of India

The Reserve Bank of India RBI is the central bank of India, which plays a crucial role in managing the country's financial and banking system. It was established on 1 April 1935, headquartered in Mumbai. It operates under the Reserve Bank of India Act, 1934.

Key Functions of RBI :-

- ◆ *Issuing Currency : The RBI is responsible for printing & managing Indian currency notes, except for coins, which were issued by government.*
- ◆ *Monetary Policy : RBI controls inflation and regulates the supply of money and interest rates through its monetary policy tools such as :-*
 - ❖ *Repo Rate : The rate at which RBI lends money to banks*
 - ❖ *Reverse Repo Rate : The rate at which banks deposit money with RBI.*
 - ❖ *CRR (Cash Reserve Ratio) : The percentage cash banks must keep with the RBI.*
- ◆ *Regulating Banks : RBI monitors and ensures the smooth functioning of banks of India. It provides licenses, supervises their operations and ensures they follow rules.*
- ◆ *Foreign exchange Management : The RBI manages India's foreign exchange reserves and ensures the stability of Indian Rupee in the global market.*
- ◆ *Development Role : It promotes financial literacy, supports small businesses and encourages the use of technology in banking.*
- ◆ *Lender the Last Resort : During financial emergencies the RBI provides funds to banks and the government.*

Structure of RBI :

- ◆ *Government : The head of RBI is called the Governor. Currently, the Governor is Sanjay Malhotra (as of December 2024).*
- ◆ *Board of Directors : The RBI has a central board that oversees its operations.*

Importance of RBI :

The RBI is essential for maintaining economic stability, fostering growth and ensuring public confidence in the economy and helps India's growth sustainability.

In short the RBI is the backbone of India's financial system, working silently to keep the economy running smoothly.

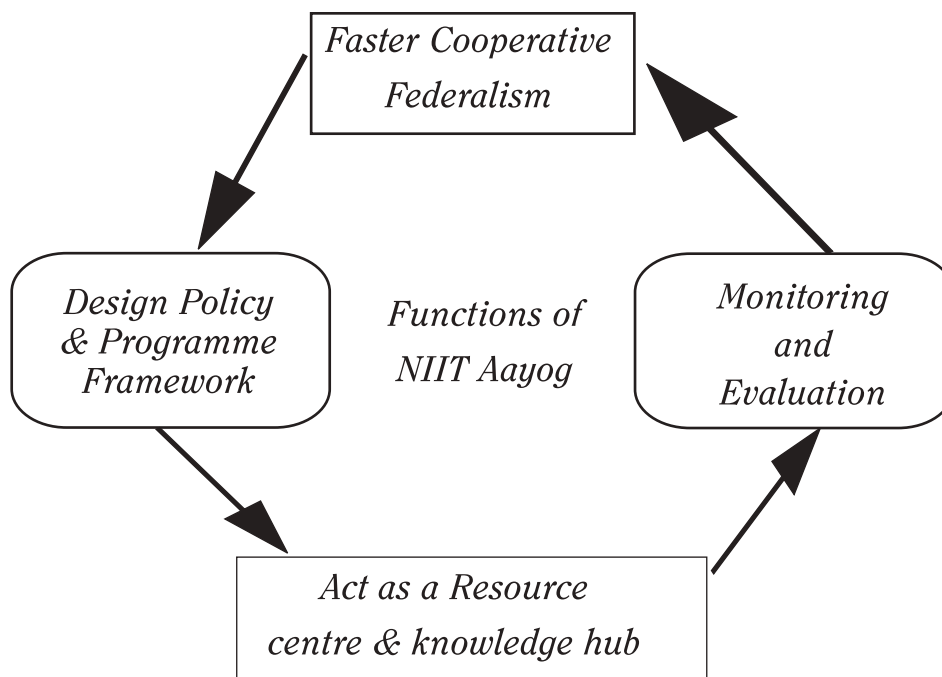
*Anamika
B.A. 2nd year
Roll No. 23ENG069*

NITI AAYOG

NITI Aayog (National Institution for transforming India) was established on 1 January 2015 as the successor to the planning commission.

It is neither a constitutional (not created by the constitution) nor a statutory body (not created by an act of the parliament).

The NITI Aayog is the, premier policy “think tank” of the Government of India providing both directional and policy inputs, while designing strategic and long term policies and programmes for the Government of India, NITI Aayog also provides relevant technical advice to the centre and states.



*Anurag Thakur
B.A. 2nd year
Roll No. 23POL054*



Pahari Section

अध्यापक सम्पादक
प्रो० पवन कुमार

छात्र सम्पादक
शिवानी कुमारी

सम्पादकीय

यह जानकर प्रसन्नता हो रही है कि राजकीय महाविद्यालय बिलासपुर की पत्रिका 'व्यास' का प्रकाशन होने जा रहा है। यह पत्रिका वर्ष भर की झांकी प्रस्तुत करती है।

इस वर्ष पहाड़ी अनुभाग में जिन भी विद्यार्थियों ने अपने लेख दिये हैं, वे सभी बधाई के पात्र हैं। क्योंकि वे सभी अपने वाली प्रतिभाओं के मार्गदर्शक और प्रेरणा-स्त्रोत रहेंगे।

प्रो० पवन कुमार

सम्पादक पहाड़ी अनुभाग (व्यास)
राजकीय महाविद्यालय बिलासपुर (हि०प्र०)

छात्रा सम्पादकीय

मेरे खातर बड़ी सौभाग्य री गल ई कि मिंजो वार्षिक पत्रिका 'व्यास' रे पहाड़ी विभाग री छात्रा सम्पादकीय बणाया। पहाड़ी आं से आम बोल-चाला री भाषाई ई। से हुण हऊले-हऊले विलुप्त हुंदी जाई संई। ईसा बोलिया जो विलुप्त होणे ते बचाणे खातर असां रे महाविद्यालय री वार्षिक पत्रिका च पहाड़ी विभाग बी शामिल कितिरा। तिते जे असां री आम बोलिया जो विलुप्त होणे ते बचाई सकें।

पहाड़ी भाषा जो बड़ी असानियां ने बोल्या कने समझया जाई सकदा। असां रे रीति-रिवाजा कन्ने लोक संस्कृति रा विकास भी इस भाषा जो बढ़ावा देणे ते हुई सकदा। इस खातर समाजा रे सारे लोकां रिया तरफा ते, होर सरकारी स्तरा पर प्रयास होणे चाहिंदे। पहाड़ी भाषा रे विकास च अपना योगदान देसो आले लोकां जो समय-समय पर सरकारा रिया तरफा ते मान सम्मान मिलणा चाहिंदा।

महाविद्यालय की व्यास पत्रिका च पहाड़ी विभाग बणाणे ते बच्चेयां अपने कोई भी कविता या चुटकुले पहाड़ी भाषा च लिखणे। ऐड़ा करने ते तिनां अपनी बोलिया जो होर बांके तरीके ते जाणी पाणा।

अंता च मैं अपने प्राचार्य महोदय ओरी कने अपने गुरुओं री शुक्रगुजार करां ई तिने जे मिंजो पत्रिका रे पहाड़ी विभाग री छात्रा संपादकीय बणाया।

शिवानी कुमारी

बी.ए. तृतीय वर्ष
रोल नं० 22POL002

माँ बाप रा प्यार

माँ बाप रा प्यार
दुनिया रा अनमोल तोफा
मेरे खातिर तिनां रे बिना अधूरा ये संसार
माँ रा आंचल
कने बाप रा प्यार
कदी तिना री झिड़का कन्ने
कदी तिना रा दुलार
माँ देंदी मुश्किला कने लड़ने री शक्ति
बचपन बीतेया छांवा च कने दुप पावें दस पार
हर वक्त लगता जियां गुलशन च बहार
फिर जवानी च कठिनाईयों ने कितया अहां पर
वार
लड़लड़ाए पैर मेरे पर संबली गए
मेरे ले या बाप रा प्यार
मैं हऊँ ऐई फरियाद करदी कि
ऐ भागवान किसी रे भी माँ बाप न हो जुदा
माँ बाप हुंदे बच्चेयां री शक्ति
कने माँ बाप रे बिना अधूरा अहां रा संसार
सरेयां जो नी मिलदा माँ बाप रा प्यार
माँ बाप रा प्यार दुनिया रा सबते अनमोल
तोफा!!!

शिवानी कुमारी

बी.ए. तृतीय वर्ष

रोल नं0 22POL002

पहाड़ा रा जीणा

पहाड़ों रा जीणा
पहाड़ों रा नजारा नोखा
पहाड़ों रा माणु आ बाकां
देश दुनिया घूमो सारे
हटे फिरीके सबी पहाड़ ही आंदे
ऊंचे पेड़, ऊंचे देवदार
किसी जगह चील, किस जगे बुरांश उगदे
ऊंची टिबी मे बसदे हैं
देवी-देवता
तिना रे सहारे ही सभी
कारज हुंदे
साजी रे त्याणे रे सारे पुंजी जांदे
सारे नोखे-नोखे चीजां बनांदे
जदे आऊंदी फसल नई
सारे ते पैले मंदरा दे चढ़ाई जांदी
तेबे सबी रे गरे आऊंदी सुख समृद्धि
सबी जणे रेंदे मिली-जुली के
सबी जणे मनांअदे मिली के तीज-त्यौहार
पहाड़ी टोपियां सजदी सबी ते
ऐथी ऊंदी बात पनावे री
पटांडे, संकलियों, बोबडू
पहाड़ों रा ऐ खाण-पाणा
बाठंडा री ओंदी ए शान
पहाड़ों रा ऐ सबी जो लुबाउंदा!
पाणी री कमी ओणे नी देंदा
पहाड़ों रा नोखा नजारा
पहाड़ों रा माणु बांका !!!

गायत्री शर्मा

बी.ए. प्रथम वर्ष

रोल नं0 24POL017

जिन्दगी

इक आजीब जई पहेली ये जिन्दगी
इक प्यारा जेया अरमान ये जिन्दगी
कदी तां मीठा जेया सपना उगदी जिन्दगी
कदी तां बोझ बणी जांदी जिन्दगी
सुणीरा पई कुछ दिनां री मेहमान हुंदी जिन्दगी
भौतां जो गले लगाना ही पऊंदा
आखिर हुंदी तो बेवफा ये जिन्दगी
कि बणी जाए इक सुनहरा इतिहास से जिन्दगी
सब तुने पर फेरी भी कली से जिन्दगी
कदी दर्द भरा तूफान हुंदी ये जिन्दगी
आखिर कोई तो दसो क्या हुंदी ये जिन्दगी
जिन्दगी हुंदी ने इक दिन जाणां पऊंदा
जिन्दगियां ने चाहे जितना प्यार कर लो
हे इन्सान कुछ इयां जेई ये जिन्दगी !!!

पीयूष

बी.ए. प्रथम वर्ष
रोल नं० 24POL035

बिलासपुर री धरती

गावां च ठंडी हवा चलदी
पहाड़ां ते बादला दी छांव,
रंगा रे प्याले च चमकदी
किसाना रे खेतां च मेहनत री छांव
से दिला री मुस्कराना बनी जान्दी
अहारी जिंदगी च भी इक खास गल्ल ई
ईना प्यारे रिस्त्यां च भी सुख री बात ई
बिलासपुरां री मिटीयां ने खास प्यारा
हर-ईक रे दिलां च रंग बस जांदी
माँ री गोदीयां च दुनियां बसदी
इन पहाड़ा च जिन्दगी रा नजारा
बिलासपुर री खुशबू च मुहब्बत बसदी
इथी रे हर रास्ते हर गलीयां च
इक कहानी बसदी !!!

पीयूष ठाकुर

बी.ए. प्रथम साल
रोल नं० 24POL035

माँ

मेरी माँ
माँ सभी री जिन्दगी च खास होई
कने छोटी-छोटी खुशियां लेई माँ दुआयें मंगा ई
हर माँ लेई अपने बच्चे हुंदे बड़े खास
माँ ही है से जे अहां जो
इसा दुनियां च लेई ने आई री
माँ री करो कद्र कने वृद्ध आश्रम न भेजो
माँ सभी री जिन्दगी च खास होई
माँ रा प्यार तां नसीब वालेयां जो मिलदा

बच्चा हो जे उदास तां माँ ही हसाणा जाणदी
माँ रे बिना ऐ जिन्दगी बड़ी अधूरी
जिंदे जी कर लो माँ री कदर
माँ तां सभी रे धरा री रौणक हुंदी
माँ जो रखो हर पल खुश
माँ ही जो अपने बच्चेयां लेई मंगदी हर दुआ
माँ सभी री जिन्दगी च खास होई !!!

• सुनाक्षी कुमारी

बी.ए. तृतीय वर्ष
रोल नं० 22POL068

पहाड़ी चुटकुला -

बुद्ध कने तीसरे नाम री परेशानी

इक सीधा-साधा पहाड़ी था तिसरा नाम था बूद्ध
सारे तिसजो छेड़दे रहंदे थे।
भाई! बुद्ध भी कोई ना हा?
तू कुछ होर ढंगा रा ना रख
बुधु तिन्हां रे ताणया गे परेशां होई गया
एक दिन सै चली पेया ढंगा रे नाओं रि तलाशा पर
पहले तिसजो इक मुर्दयात्रा मिली गयी,
तिने पुछया कुण मरी गया
लोके बोलया भई मरने वाले रा नाम था 'अमरचंद'
सै आगे चलदा रेहा.....!
आगे तिसजो एक झाड़ू देंदी जनानी मिली
तिन्ने नाम पूछया तो तिस्से बोलया 'लक्ष्मी'
सै होर आगे गया...!
तिसजो एक भिखारी मिल्या तिसरा नां था
'धनपत राय'
अब बुद्ध जो अपणा जबाव मिली गया
हुण कोई तिसजों नातां रा ताणा देंदा तो सै जबाव देंदा
अमर चंद सै मरी गया
झाड़ू मारे लक्ष्मी
धनपतराय लगिरा मांगन भीख
मेरा नाम भाईयों बुद्ध ए ठीक !!!

प्रीति शर्मा

बी.ए. तृतीया वर्ष

रोल नं0 22POL030

हिमाचली हरेया कोरटा

दिला दा मरीज , बड़ा ही छेल भाऊ
अप्पू तां खरा-खरा , दूजेआं तो सखाए बैर भाऊ !
ज्ञान बड़ा भारी , प्रीत तेरी साजिशां नै भाऊ
होणा-जाणा कुछ नी , अड़ेया रहे फेरी भी भाऊ !
तरक्की करे कोई , मीटिंगां करे रोज भाऊ
जित्थी कोई पुछदा नी , उथी भी जंग उड़ाए भाऊ !
खरे कम किते नी , सोची-सोची कित्ती जिन्दगी
खराब भाऊ
हुण भी सुधरी जा , खरे कम ही आणे कम्मां ओ
भाऊ !!!

दिव्या

बी.ए. प्रथम साल
रोल नं0 24POL008

आजकला दे मुंडू रे हाल

सिगरेट पींदे , गुटके खांदे , दादागिरी करदे
मौज मस्ती करदे आजकला रे मुंडू
पढ़ने-लिखने कुछ बी नी आऊंदा
बणदे बड़े हीरो !
पेपद आऊंदे तां नम्बर आऊंदे जिरा
मास्टर पढ़ांदे तां सोचदे आसे होई जाणा पास
पूरी ध्याड़ खेलदे तास
खेत खाली रखदे हल नी चलांदे
कम नी करदे नशे भांति रे करदे !
आजकला दे मुंडू
कमे करे ते जीऊ चुरांदे
मोबाइल कने ने लगाई रखदे
आऊंदे पेपरा दे टाइम तां बोलदे
हाडे भी मास्टर जी करी देओ पास
आसे भोले-भाले बच्चे तुसां पर ही रखाएं आस
मेरे भाईयों इना नशयां जो छड़ी देओ
नहीं तां हुई जाणा तुम्हारा सत्यानाश !!!

रिया कुमारी

बी.ए. प्रथम साल
रोल नं0 24POL058

पहाड़ी कविता

केड़ा आया जमानां मितरा
मितर नीं कोई सुदामा मितरा!
नी राजे शिरी करशिने बरगा
कुबरे दा है खजानां मितरा!
पैसे दा दिखा नोक्खा नजारा
पैसयां दा ही खेल है सारा
आन-लाइन सब धरें पुज्जा दा
जाणां बी कजो दुकानां मितरा!
टाँप तो जीन दी लत ले आई
कुरती-सलुआर दिनी लुगाई
फेशनां दा हुण दौर क्या आया
प्लाजो होइया पजामां मितरा!
जमाने दी चाल सब बदलोई
अपणियां मौजां मस्त हर कोई
दुनियां सारी मतलबां भरिइयो
मारदे सारे सुआना मितरा!
ना हसदैं मत्थै गल्लां करदे
नां ही चरे पर रौणक रखदे!
सभना दे मुंह सदा ही सुज्जयो
मस्ती कुत्थू 'मस्तानां' मितरा !!!

वनीता देवी

बी.ए. प्रथम साल

रोल नं० 24POL035

कहानी बाबा नाहर सिंह जी री ...!

नाहर सिंह जी रा मंदर बिलासपुर रे धौलरे आ
नाहर सिंह जी कहलूर रियासत रे राजा दीप चंद
री रानी कुमकुम देवी सौणी कुल्लु ते आए थे।
राजा दीपचंद सन् 1658 ई० से 1655 ई० तक
इथी रा राजा था, राजा दीपचंद री दो लाड़ियां
थीं, एक मंडी तो तां पुजी कुल्लु ते।

कुल्लू ते जाणा राजा दूजी राणी कुमकुम
जो ब्याही केल्याया था, तांण राजकुमारी री डोली
भारी होई गी। बड़ा जोर लगाया पर डोली नी
उठी। तां कुल्लू रे राजे पुछ्या क्या हुआ? तां
कहारया बोल्या 'राजा जी डोली पहाड़ा ते भी
भारी होई गई है!'

जोर लगाने पर बी डोली नी उठी। राज
पुरोहित ते पुछ्या भई क्या हुआ? तिन्हें जबाव
दित्या कि देवता 'नराण' ए कने राणी सौगी
बलासपुर जाना चांदे। राजे जाने री अनुमति दिती
तां डोली फुलां साई हल्की होईगी।

हर तरण खुशी दा माहौल होई गया।
बोलदे तां फेरी तिते बाद बाबा नाहर सिंह जी री
चरण पादुका जो राणी री डोली सौगी बलासपुर
भेज्या गया। आज भी पूरे बलासपुरा रे लोग बाबा
जी जो मनदू कने अपनी मन्नत पूरी होने ते बाद
गाजे-बाजे सौगी आइके बाबा जी रे दरा पर मत्था
टेकदे।

आयुष

बी.ए. प्रथम साल

रोल नं० 24POL055

बड़ोली री धारा रा नजारा

बड़ोली री धारा नजारा
देखी लो पूरा ते तां लगदा बड़ा पारी प्यारा
आसां लोगां री कुलदेवी माता बड़ोली
जो मंगे होई से मुराद होई जांदी पूरी!
बड़ोली री धारा ते दिखदा नैना देवी माता रे मंदरा
रा नजारा!
ग्लांदे लोक दोहनो बेहणे देखी ईकी दूजे जो वारा
ते पारा!
बड़ोली माता रे मंदरा लगदे साला च इक बार मेले
मेले च आई जादां घूमणे रा मजा!
बड़ोली री धारा दे दिखदा बड़ा सुन्दर नजारा
लोग दूरा-दूरा ते आऊंदे ऐथी जो घूमणे
बड़ोली रे धारा री आ बड़ी पारी काणियां
तुहें बी सुणनियां होगियां तो आयों एत्थी
आयो लोको बड़ोली री धारा रा देखणे नजारा
ओत्थी घूमी कने तुहा रे मना जो लगणा बड़ा पारी
प्यारा !!!

स्नेहा

बी.ए. प्रथम साल

रोल नं0 24POL013

कविता

ठंडी-ठंडी हवा कुथु
रुखा च ग्लांदे पखेरु कुथु
इसा दुनिया च पहाड़ा साई जीणा कुथु
छड़-छड़ करदे चरने
ते सां-सां कर दियां खड्डा कुथु
बरफा ने लदोयो पाड़ कुथु
हरा-भरा ए नजारा कुथु
इसा दुनिया च पहाड़ा साई जीणा कुथु!
छेल बांकियां छोरियां ते
हटे-कटे मुंडू कुथु
पैग लाई ने लपेटे मारदे माणु ते
चिलमा दा तुं कड़दे स्याणे
ते दिन भर गुलेला खेलदे न्याणे कुथु!
मेले च घुमदिया मणिया कुथु
मंदरा च नचदे चेले कुथु
भोले दे नोखे भक्त कुथु
रीति राति भर लगदियां पंकता कुथु
कुमी लेया तुसा धरती सारी
फिरि लेया तुसा दुनिया प्यारी!
मिलना नी हिमाचल प्यारा
मिलना नी कुथी ए नजारा
मिलने प्यारे पहाड़ कुथु
इसा दुनिया च पहाड़ा साई जीणा कुथु !!!

नम्रता ठाकुर

बी.ए. प्रथम साल

रोल नं0 24POL001

जिंदगीया री दौड़

जली लावाएं मेरे बंदाजा ते मेरे दुश्मन
न ही मैं अपनी जिंदगीयां च दोस्त
बदले न ई रिश्ते बदले
एक इक घड़ी खरीदी ने हथा च क्या बनिली
तां टेम पीछे रे पेईगिरा मेरा
सोचिरा था मैं कि धार बणाइने बैठणा था चैना ने
पर क्या करना, घारे री जरूरतां ने मिजों
मिसाफिर ई बनाइता!
इक भ्यागा थी, तालु हंसी ने उठा थे उसे
और आजकल बिना इसे ही नकाल होई जावाई!
सुकूण नी गल नी करा तुसे
बचपन आला त्वार नी आंदा हुण !!!

तनश्वी सैनी

बी.ए. प्रथम साल

रोल नं० 24POL065

फर्ज

फसाई ने तिसौ रिश्ते रे जाला च
पाई तेया मोहब्बता रे मलाला च!
तान जे बापे बोलेया रोन्दे हाला च
अे इश्क बगैरा जो कीती मनदे खानदाना आले
मेरी बच्ची भूली जा तिसो बापा री इजत बचाई ले
लड़की होई ने तिसे धरा री जिम्मेदारी उठाई
फकत बापा रे कईणे पर अपनी मोहब्बत लुटाई
मनहुस पर्ईरा घर मेरा तिसारे ना होणे ते
तिसा रे होणे ते किसा रा घर, घर बणी गया
ओर तिसे करी ली थी पुरा अपनी एल.एल.बी. री
डिग्री, से वकील बणीगी
हंअु बचारा करदा भी क्या..शायर ई बणी गया!!!

शगुन शर्मा

बी.ए. तृतीय साल

रोल नं० 22POL088

नया जमाना

आजकल रा समय कितना
बदली गया
हर चीज आजकल ऑनलाइन
होई गई
रिश्ते भी आजकल ऑनलाइन होई गए!

इस ऑनलाइन रे जमाने बीच अहां रे पहाड़ी लोग
अपनी पहाड़ी बोली जो भी भूलने लगी गए
आजकल रा समय कितना बदली गया
अहां रे गांव भी बदली गए!

कने गांव रा रहन-सहन भी बदली गया
हर चीज आजकल ऑनलाइन होई गई
अपने स्थाणेर्यां री राक सेवा
जमाना नया हो या हो पुराना !!!

गीतांजली

बी.ए. तृतीय साल

रोल नं० 22POL016

संस्कार (लच्छण)

ए गाथाई एक बउआ रे बलिदाना री। तिस्से आपणे सदरे री गल्लां री इज्जत रखणे खात्तर ओर गांवा च पाणी री कमीया जो दूर करने खात्तर अपनी जान देई दिती थी।

एक वक्त था तांणजे बलासपुरा रे बरसंड ओर तिसरे ओरे-परे रे ल्लाके च बड़ा पारी सुक्का पउणे रि बजा ते पाणी संकट ओई गईरा था। तेथिरे माणुआ री हालत बड़ी पारी बुरी होई गईरी थी। इक राति त्याड़े तिथारे राजा रे सुफणे च तिनारी कुल्ल माते दर्शणा? दिते ओर बोल्लया भई इत्ते सुक्के रा एक ई रस्ता। तू आपणे पाउआ (बेटे) जो चिणाई दे। तां राजे ना किति, फेरी कुलजा माते तिसरी बउआ जो चिणाने खातर बोल्लया। थोड़ी कर वक्ता बाद से मनी गया।

तिने राजे आपणी बउआ रे प्योके तरेड़ा जो तिसा खातर खबर पुजाई। तिसरी बउए दीए री रोसनी च से संदेस पढ़या। तां तिसरी कमला रे फुल्ला साई बांकी आखेयां ते अंजु पउणे लगे।

फेरि भगवाने बनाईरी संस्कार गइणे ने सजिरी, काम्मी आपणे सउरे री गल्ला रा मानफ कीन राखणे आउणी बऊ आपणे साउरे आइगी। तो जे से साउरे आई तां रुकमणि जे जिना री गल मन्नी ली ओर फेरि राजे एक दिन और बख्त राखिने बरसंडे च मिस्त्रियां जो सादिने रुकमणि चिणाईती।

चिणाने ते पहले आपणे लाड़े री जाना जो बचाणे आउणी, ए समाज जो आपणे टबबरा साई उआं, तिन्ने रगात्तर आपणी जान ओर त्याग री नाबना (भावना) आउणी ओर आपणे छोटे जे बालका रे परण-पोषणा री फेंस करने आउणी, माउआ री लाड-प्यारा री भावना ने परीरि एक सती-सावित्री जनाना, माओ ओर दुज्जे रे खत्तर दया री भावना राखणे आउणी तिस्सो जे हिन्दी च मानवता बोल्लएं, तेड़ी जानाना आपणे सउरे जो बोल्लई पई मेरे छोटे जे बालका जो दुद्द प्याणे खात्तर बस मेरी छात्तीया रर चिणाई दखा करदे तुस्से। नई तो मेरे कालजे रे टुकड़ेया मरी जाणां।

फेरि आपणी माउआ री द्वारी (वियोग) पढ़णे री बजा ते से बालक मरी गया। फेरि तिस्सा री छात्ती ते दुद्द निकलने ते बाद पाणिया री त्यारा (धारा) निकलने लगीया ओर तियां ई एक कुंड सब आसे 'रुकमणि कुंड' बोल्लएं से जे बिलासपुरा चा।

जे ऐड़ी भावना सब रखणे लगे तां ऐथि ही स्वर्ग बणी जाणा। ऐड़ि नारी रे चरणा च मेरा प्रणाम !!!

तनीषा कुमारी

बी.ए. दूजा साल

रोल नं0 23HIN035



Computer Section

Staff Editor
Prof. Ashwani Chandel

Student Editor
Miss Tamanna

Backend Developer

A backend developer is a key player in building and maintaining the server-side of web and mobile applications. unlike frontend developers, who focus on user interfaces, backend developers ensure that the systems behind the scenes operate smoothly, efficiently, and securely. their responsibilities include managing databases, creating and integrating APIs, developing server-side logic, and ensuring data security and user authentication. they work with languages like python, java, ruby, and php, and are well-versed in database management systems like mysql, postgresql, and mongodb.

backend developers are also responsible for handling the scalability of applications, ensuring they can handle increasing amounts of traffic and data they also work with cloud services and server management tools such as aws and google cloud, as modern applications grow more complex with real-time data, security concerns, and advanced features, the role of backend developers becomes even more critical. their expertise is essential for creating robust, secure, and efficient digital platforms that power everything from websites to mobile apps.

*Tamanna Sharma
B.Sc 2nd Year-23BCS016*

Frontend Developer

Front-end developers play a crucial role in shaping the user interface (UI) and user experience (ux) of websites and applications. their job involves using HTML, CSS, and Javascript to structure, style, and add interactivity to web pages. as web technologies evolve, front-end developers must master modern tools and frameworks like react, angular, and vue.js to create dynamic, responsive, and efficient website.

Key Skills for front-end developers include proficiency in core web technologies, responsive web design, performance optimization, and familiarity with UI/UX principles. the role of front-end developers has expanded with the rise of full-stack development, where developers are skilled in both client-side and server-side programming. however, front-end specialists still focus on delivering high-quality interactive user experiences, challenges like cross-browser compatibility and keeping up with ever-evolving technologies remain, but the future of front-end development offers exciting opportunities. as digital experiences become more complex and immersive, the demand for skilled front-end developers will continue to grow.

*Nishant Shukla
B.Sc 2 Year-23808014*

DBMS

A database management system (DBMS) is software that enables the creation, management, and manipulation of databases it serves as an intermediary between users and databases, allowing for efficient data storage, retrieval, and modification DBMS are essential for managing large amounts of data in a structured and organized way, ensuring data integrity, security, and accessibility.

There are several types of DBMS, including hierarchical, network, relational, and object-oriented the most commonly used is the relational DBMS (RDBMS), which stores data in tables and supports sql (structured query language) for querying and managing the data popular examples include mysql, postgresql, and dracle.

DHMS play & crucial role in many industries, such as banking, healthcare, and e-commerce where large volumes of data need to be stored and accessed reliably. they also ensure that data is consistent, even in multi-user environments, by providing features like transaction management and concurrency yontrol as data continues to grow exponentially, the role of DBMSS becomes even mole critial in managing, securing, and analyzing data efficiently.

Abhishek Thakur

B.Sc 2nd Year-23BCS013

Green Computing

Green computing in the environmentally responsible and eco-friendly use of computers and their resources. It is also known as sustainable computing. Green computing concept was started in "1992" when the US Environmental Protection Agency launched Energy Star, A program That identifying consumer electronics that met standards in energy efficiency.

The potential for green computing to have a positive impact on the Environment is considerable The information and communication technology ICT, sector is responsible for between 1.8% and 3.9% of global greenhouse gas emissions, Moreover, data centres account for 3% of annual total energy consumption an increase of 100% in the last decade.

Benefits Of Green Computing :

- Energy conservation
- Innovation and efficiency
- Reusable products.
- Menus To Achieve Green Computing :
 - Upgrade Data Centres
 - Computer Selection
 - Power down
 - Green computing is the need of the hour, so let us do our duty to save the mother earth from polluting by adopting the green computing.

Reduced e-waste (Electronic Waste)
Cost effective.

Power Management
Alternative Energy

Hrijul Sharma

B.Sc 1st Year-24BCS015

Robotics and Automation

Robotics and Automation are revolutionizing industries, offering unprecedented, efficiency, precision, and cost savings. Robotics refers to the design, construction, and operation of robots, while automation involves the use of technology to perform tasks without human intervention. Together, they are reshaping sectors such as manufacturing, healthcare, logistics and even agriculture.



In manufacturing, robots streamline production lines by performing repetitive tasks with high speed and accuracy. This not only boosts productivity but also reduces human error and workplace injuries. Automated systems in warehouses use robots for inventory management, sorting, and packaging, leading to faster, more efficient operations. In healthcare, robotic surgery allows for minimally invasive procedures, offering greater precision and faster recovery times. Automation in diagnostics and patient care is also improving healthcare efficiency, with AI systems helping doctors make quicker, more accurate decisions.

The logistics industry is benefitting from autonomous vehicles and drones, which are improving supply chain management. Self-driving trucks and drones for last-mile delivery are cutting costs and speeding up transportation. Agriculture, too, is embracing automation with robotic harvesters, drones for crop monitoring, and automated irrigation systems, contributing to more sustainable farming practices.



Despite concerns about job displacement, robotics and automation are creating new roles in technology development, system maintenance, and maintenance and robotics programming. As these technologies evolve, they promise to further enhance productivity and unlock new possibilities across industries, leading to smarter, more efficient solutions for global challenges.

Shagun Chauhan

B.Sc 1st Year-24BCS011

Cyber Security : Protecting the Digital World

Cyber security refers to the practice of defending computer systems, networks, and digital data from cyber threats such as hacking, phishing, and malware attacks. In an era where the internet is integral to daily life, the importance of safeguarding sensitive information has never been higher. With businesses, governments, and individuals increasingly relying on digital platforms, the risk of cybercrime continues to grow.

- One of the key elements of cyber security is data protection, ensuring that personal and financial information remains secure. Attackers often use malicious software to steal or compromise data, which can lead to identity theft, financial loss, and reputational damage. As technology evolves, so do the tactics of cybercriminals, making it essential to stay ahead of emerging threats.*
- Cyber security practices include the use of strong passwords, encryption, and multi-factor authentication to prevent unauthorized access. Organizations often implement firewalls, intrusion detection systems, and regular software updates to mitigate potential vulnerabilities. Awareness and training for employees also play a crucial role in reducing the risk of cyber attacks.*
- In addition, governments worldwide have implemented regulations, such as the General Data Protection Regulation (GDPR), to hold organizations accountable for data breaches and to ensure consumer privacy.*
- Ultimately, cyber security is a collective effort that requires collaboration among individuals, businesses, and governments to ensure the digital world remains secure and trusted. It is a continuous process of improvement to stay one step ahead of evolving cyber threats.*

*Pushp Sharma
B.Sc 1st Year-24BCS007*

Ethical Challenges in Synthetic Intelligence

1. Bias and fairness : *One of the maximum pressing ethical concerns in AI is bias. AI structures learn from datasets, and if these datasets include ancient or societal biases, the AI will inherit and doubtlessly extend them. For example, hiring algorithms trained on biased facts may additionally desire sure demographics over others, reinforcing inequality as opposed to addressing it. In addition, facial recognition technology had been criticized for being less correct in figuring out humans of certain ethnic corporations that can result in unfair results in law enforcement and safety.*

The basis of this trouble often lies in unrepresentative records or lack of diversity amongst AI builders. Addressing this requires careful curation of datasets, various illustrations in AI teams, and sturdy checking out to discover and mitigate biases. Making sure fairness in AI isn't only a technical challenge but also a societal imperative.

2. Privacy and data safety : *AI structures rely heavily on statistics to characteristic effectively, usually collecting sizable quantities of personal and touchable information, while this information allows AI to offer personalised offerings and make correct predictions, it also poses significant risks to privacy. Unauthorized information series, breaches, and misuse can result in innumerable consequences for people and communities.*

The developing use of AI in surveillance, such as facial reputation in public spaces, raises extra concerns about the erosion of privacy and capability misuse. It is Tapabillito misuse with the aid of authoritarian regimes. Finding a stability between leveraging information for innovation and protecting character rights is an essential project inside the ethical deployment of AI.

3. Transparency and accountability : *The selection-making procedures of many AI structures, mainly those primarily based on deep studying, are regularly opaque. Called the "black field" trouble, this lack of transparency makes it difficult to apprehend how AI arrives at particular selections. That is specifically concerning in high-stakes situations, which include healthcare diagnoses, credit score approvals, or judicial rulings.*

Transparency is vital for building agree with in AI structures. Builders and companies should prioritize growing interpretable models and making sure that customers and stakeholders recognize how AI choices are made. Moreover, duty mechanisms have to be in region to cope with errors or unintentional effects of AI systems.

4. Job Displacement and monetary effect : *AI's capacity to automate responsibilities has led to fears of substantial task displacement across various industries. Whilst AI creates new possibilities and roles, it also disrupts traditional activity markets, especially in sectors like manufacturing, transportation, and customer support. This raises moral questions about the duties of governments and organizations to support employees stricken by automation.*

Investing in schooling, reskilling packages, and social protection nets can help mitigate the impact of job displacement. A forward-looking approach is important to make sure that the financial benefits of AI equitably, disbursed.

5. Autonomous guns and incorrect information : *The use of AI in growing independent weapons poses massive moral and safety demanding situations, those weapons, capable of making existence-and-loss of life decisions without human intervention, ought to lead to devastating outcomes if deployed irresponsibly. The worldwide network should work collectively to adjust and ban such technologies to save you misuse.*

Additionally, AI has birth and the create incorrect information and manipulate public opinion. Deep fake technology, which generate sensible fake technology, which generate sensible fake vedios or pics, have the capacity to unfold fake facts and undermine consider in media and institutions. Addressing those problems calls for robust policies, public consciousness, and technological answers to discover and fight misinformation.

Guiding concepts for ethical AI : *To cope with these challenges, a fixed of guiding standards is essential to make sure the ethical development and deployment of AI:*

1. Human-Centric layout : *AI should prioritize human properly-being, dignity, and autonomy. It ought to serve as a tool to reinforce human abilities instead of update human judgment or employer. Ethical AI development requires know-how the societal effect of era and designing structures that gain humanity as an entire.*

2. Transparency and Explainability : *Groups should make certain that AI structures are interpretable and explainable to users and stakeholders Transparency builds accept as true with and accountability, permitting humans to recognize how AI structures paintings and the way decisions are made.*

Harsh Panwar
B.Sc 1st Year-23BCS046

Deep Seek

DeepSeek is a Chinese artificial intelligence company founded in 2023, dedicated to advancing artificial general intelligence (AGI). The company has gained significant attention with the release of its DeepSeek-RI-Lite-Preview model, which offers advanced reasoning capabilities comparable to OpenAI's of-preview model.

One of DeepSeek's standout features is its commitment to open-source. Unlike many AI companies that keep their models proprietary, DeepSeek has made its models freely available, allowing developers and researchers to access, modify, and integrate them into various applications.

The DeepSeek-RI-Lite-Preview model exemplifies this open-source approach. It introduces "chain-of-thought" reasoning, enabling the AI to tackle complex tasks, particularly in mathematics and coding, with enhanced performance. This model is accessible through DeepSeek's chat Interface, where users can interact with the AI and test its capabilities.



DeepSeek offers several features that differentiate it from ChatGPT, particularly in terms of its open-source approach and some specialized capabilities:

1. Open-Source Model : *One of the standout differences is DeepSeek's commitment to open-source development. Unlike ChatGPT, which is proprietary and controlled by OpenAI, DeepSeek's models are freely available for developers and researchers. This open access allows for greater flexibility in experimentation, customization, and integration into various applications.*

2. Chain-of-Thought Reasoning : *DeepSeek's models, such as DeepSeek-RI-Lite-Preview, introduce advanced "chain-of-thought" reasoning, enabling the AI to tackle complex tasks, particularly in mathematics and coding, with enhanced performance. This model is accessible through DeepSeek's chat Interface, where users can interact with the AI and test its capabilities.*

The applications of data science are vast. In healthcare, it's used to predict disease outbreaks, personalize treatments, and enhance patient care. In business, it helps companies understand consumer behavior, optimize marketing strategies, and improve operational efficiency. In sports, it's used to analyze player performance and make strategic decisions. Even in education, data science aids in customizing learning experiences for students.

As industries and governments increasingly rely on data-driven decisions, the demand for skilled data scientists continues to grow. This makes data science an exciting and rewarding field for students to pursue, offering diverse career opportunities and the chance to shape the future.

In conclusion, data science is not just a technical field, it's an essential force driving innovation in today's world. As we continue to generate more data, the potential for data science to impact every aspect of our lives is limitless.

Rishabh Thakur

B.Sc 1st Year-24BCS003

Data Science

In the digital age, data is considered one of the most valuable assets for businesses, governments, and individuals. Data science, the process of extracting insights and knowledge from this data, has emerged as a powerful tool for innovation and decision-making across various sectors.



Data science combines skills from computer science, mathematics, and statistics to analyze vast amounts of data. It involves steps like data collection, cleaning, processing, and interpreting, and often employs techniques such as machine learning, artificial intelligence, and predictive analytics. Through these methods, data scientists uncover trends and patterns that would otherwise be impossible to detect.



The applications of data science are vast. In healthcare, it's used to predict disease outbreaks, personalize treatments, and enhance patient care. In business, it helps companies understand consumer behavior, optimize marketing strategies, and improve operational efficiency. In sports, it's used to analyze player performance and make strategic decisions. Even in education, data science aids in customizing learning experiences for students.

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*Rishabh Thakur
B.Sc 1st Year-24BCS003*

Quantum Computing

Quantum computing is an advanced area of computing that harnesses the principles of quantum mechanics to process information in ways that classical computers cannot. Unlike traditional computers, which use bits as the smallest unit of data (either a 0 or a 1), quantum computers use quantum bits, or qubits. Qubits can represent and store multiple values simultaneously due to a property called superposition.

This capability allows quantum computers to perform complex calculations at unprecedented speeds, exponentially outperforming classical computers for specific tasks. Another key feature of quantum computing is entanglement, where qubits become interconnected, allowing for faster information processing and communication.

Quantum computing holds promise for various applications, including cryptography, optimization problems, drug discovery, and advanced materials modeling. For instance, it could revolutionize fields such as financial modeling, where complex simulations would benefit from faster processing times.

Despite its potential, quantum computing is still in its infancy, with significant technical challenges to overcome, such as error rates and qubit coherence times. Research institutions and tech companies worldwide are investing heavily in quantum technologies, aiming to create practical, large-scale quantum computers.

As the field evolves, it could lead to transformative advancements in computing capabilities, reshaping industries and resolving problems previously deemed unsolvable. The future of quantum computing is not just a technological shift; it is a paradigm change that could redefine how we understand and interact with information.

*Ayush Kumar
B.Sc 1st Year - 24BCS012*

Activities of Red Ribbon Club



RED RUN (MARATHON) 25/08/2023



FLASH MOB ON HIV AWARENESS (31/08/2024)



GUEST LECTURE ON HIV/AIDS AND MENTAL HEALTH AWARENESS AND SECOND HEALTH CHECK UP CAMP (07/11/2024)

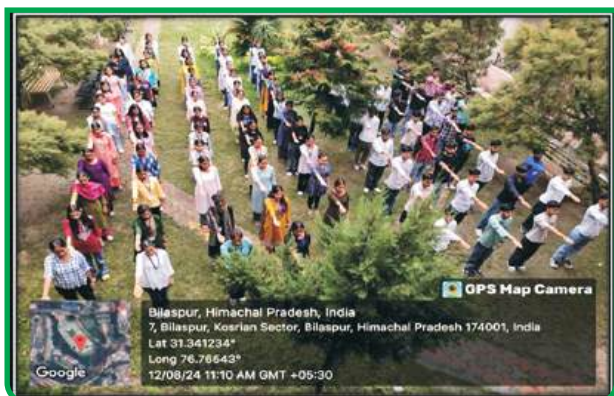


STATE LEVEL MARATHON COMPETITION ON WORLD AIDS DAY (RED RUN) 1/12/2024



WORLD AIDS DAY AWARENESS CAMPAIGNS (03/12/2024)

ACTIVITIES OF PRAHARI CLUB



INTERNATIONAL YOUTH DAY (PLEDGE ON ANTI-DRUG ABUSE) 12/08/2024



JAM SESSION ON DRUG DEMAND REDUCTION (07/12/2024)

Activities of Gender Equity Cell



Poster Making and Slogan Writing on "Breaking Gender Stereotypes"



Documentary Screening on International Women Day

Activities of Literary Club



Story Writing and Poetry Writing Workshop



Seminar on Soft Skills



Paper Presentation on Authors from Himachal Pradesh

NCC Army Wing (Our Achievers)



SUO Anshul Sharma
HP22SDA287217
Joined ITBP in
Dec. 2024



CPL Chandni
HP23SWA003440
Joined Indian Navy in
Oct 2024



UO KomalBhawani
HP22SWA287224
Best girl Senior CDT in
ATC 206



SGT Deepak Thakur
HP22SDA287214
Attending Army Attachment
Camp (Pathankot)



CPL Neha
HP22SWA287225
1st Position in Spoon Race
in ATC 206



SGT Namrata Sharma
HP22SWA283710
Attending Army Attachment
Camp (Dharmshala)



SGT Namrata Sharma
HP22SWA283710
Attending Army Attachment
Camp (Dharmshala)



CDT Abhishek Thakur
HP22SDA287215
2nd Position in Quiz Compition,
Attending Army Attachment
Camp (Pathankot)



SUO Anshul Sharma
HP22SDA287217
1st position in Debate
competition in ATC 206



CPL Chandan Kaundal
HP23SDA009423
2nd position in Guard
Mounting in ATC 206



LCPL Subham Kumar
HP23SDA009249
2nd position in Guard Mounting
in ATC 206 Attending Army
Attachment Camp (Pathankot)



LCPL Piyush Chandel
HP23SDA009445
2nd Position in Guard
Mounting in ATC 206



CDT Deepak
HP23SDA009466
2nd Position in Guard
Mounting in ATC 206



CDT Tarun
HP23SDA009448
1st Position in Relay Race
in ATC 206



CDT SnehaChandel
HP23SWA009433
Attending Army Attachment
Camp (Dharmshala)



CPL Asif Mohmmad
HP23SDA009425
2nd Position in Spoon Race in
ATC 206, Attending Army
Attachent Camp (Pathankot)

Activities of NSS



"Ye Diwali My Bharat Wali" Campaign



Community service, at Regional Hospital



World Book Fair 2025 at Pragati Maidan, Delhi



Pre RD camp at GC Bilaspur



Seven Day Special Camp



Azaadi ka Amrit Mahotsav Celebration

Activities of NCC Army Wing



Independence Day Parade



Kargil Vijay Diwas

Cultural Activities



Mime Performance during HPU Youth Festival Group IV held at Govt. College Kullu



Receiving Third Prize in "Mime" at HPU Youth Festival Group IV



"Folk Dance Team" won 1st Prize in District level completion organized by NYK



Dr. Namrata Pathania as delegate in International MELOW conference at Kathmandu University, Nepal (Sept. 2024)



Dr. Namrata Pathania awarded for "Academic Excellence" by honourable Deputy Speaker, Sh. Vinay Kumar ji, on Himachal Day 2025

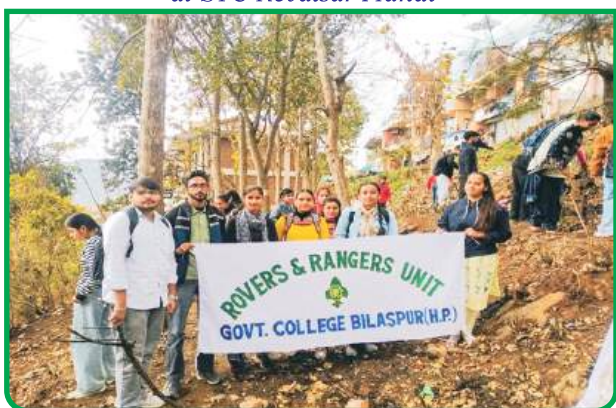
Activities of Rovers and Rangers



"Rangers" After completion of Nipun Camp at STC Revalsar Mandi



"Rangers" After completion of Nipun Camp at STC Revalsar Mandi



Cleanliness Drive by Rovers and Rangers Unit



Rally against Drug Addiction



Activities of Road Safety Club



Activity of EK Bharat Shreshth Bharat Club

Glimpses of International Conference Organised by Department of Mathematics



Inaugural Address by principal, Dr. P.S. Kutwal



Display of Science Models



Souvenir Release during the Conference

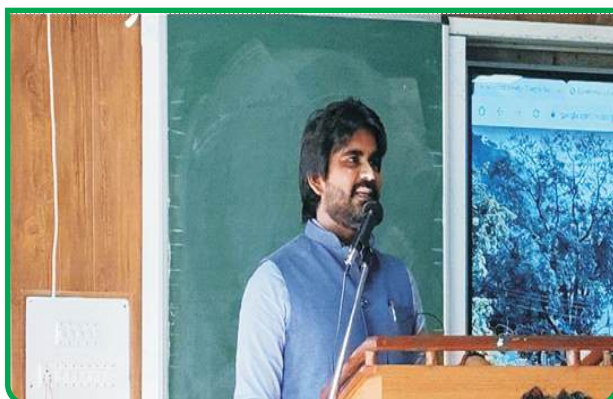


D. Jai Mehalwal, felicitated by the Chief Guest, former VC, Y.S.P. Parmar University, Palampur, Prof. H.C. Sharma



D. Ritu Sharma, HOD Mathematics, felicitated by the Chief Guest, former VC, Y.S.P. Parmar University, Palampur, Prof. H.C. Sharma

Expert Talk organized by Department of Physics



Scientist from ISRO, Dr. Thakur SKR, as Keynote Speaker



Dr. Thakur, SKR along with Principal, Faculty and Students of Physics Department

Activities of NCC Naval Wing



Cadets taking B Certificate Exam



Celebration of NCC Day



Celebration of Independence Day



Cadets with ANOs during NCC Day

Activities of NCC Army (Girls Wing)



Enrollment Day



Mock Drill



Cadet on Traffic Duty