



Vageesha

वागीशा
सत्र 2024-25



GOVT. POST GRADUATE COLLEGE CHOWARI
DISTRICT CHAMBA (H.P.)

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VAGEESHA



2024-25

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Dr. P.L. Bhatia
(Principal)



VAGEESHA

2024-25



English Section



Staff Editor
Prof. Hans Raj



Student Editor
Chandresh
B.A. IIIrd



GOVT. P.G. COLLEGE CHOWARI
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Message From Editor's Pen

Dear Readers,

As the student editor of the English section for our college magazine, I would first like to express my heartfelt gratitude to my teachers for entrusting me with this opportunity. It is with great excitement that I present to you the latest edition, filled with insightful articles and thought-provoking poetry.

This issue is a celebration of the diverse voices within our college community. We take immense pride in showcasing the literary brilliance of our students.

As always, we welcome feedback from our readers. Whether you have suggestions for future content or wish to share your thoughts on this issue, we truly value your input. Our aim is to make each edition better than the last, and your insights play a crucial role in this journey.

Thank You for your continued support.

We hope you enjoy reading this latest edition of our college magazine.

Sincerely,
Chandresh
Student Editor,
English Section

Change Yourself

Don't try to change the world;
Just change yourself.

Because the whole world is
only relative to the eyes that are
looking at it.

Your world actually only exists for
as long as you exist and with the
death of you, includes the death of
your world.

Tanu
Roll No. 222012
Class BA 3rd year



FAILURE

Just because you fail
Once, doesn't mean
You're gonna fail at everything.
Keep trying, hold on,
And always, always,
Yourself, because if
You don't then who
will, sweetie?

Palvi Thakur
Roll No. 222030
Class BA 3rd year

Beautiful mind, Better than a fair complexion.....

Someone has very rightly said
'Beauty isn't about having a pretty face.
It is about having a pretty mind,
A pretty heart and most
Importantly a beautiful soul.
However, there are still many people who lock this
Moral and run after
Appearance rather than personality.
In India, people are so
Obsessed with fair complexion that they reject the girl
For marriage just because of her dark complexion.

Shivali
Class BA 3rd year

The Mask She Wears

She walks with eyes that seem so bright,
A smile that hides the inner fight.
Her steps are sure, her voice so loud,
Yet in the heart, she's not so proud.
She acts the part, plays the role,
Fearing the world might see her fall,
But in the quiet,
When no one is near,
She wonders if they know her fear.
Yet deep within, a truth remains,
A quiet strength that breaks the chain.
One day she'll see, beyond the show,
Her true power is to simply grow.

Anjali

BA 3rd Year, Roll No. 222002

WHO ARE YOU?

In the depth of my soul, I seek to find,
The essence of you, so pure, so kind.
Are you the whisper in the wind's soft sigh?
Or the star that twinkles in the midnight sky?
Are you the melody that fills the air,
Or the sunlight that dances without a care?
In every thought, in every fleeting glance,
I search for you, in life's eternal dance.
You are the mystery that I long to unravel,
The secret that I yearn to travel.
In the poetry of love, I find my clue,
But tell me, my dear, who are you?

Surya Viren

BA 3rd Year, Roll No. 224103



It's up to you

One song can spark a moment,
One Flower can wake the dream.
One tree can make the forest
One bird can herald spring.
One smile begins friendship,
One hand lapse lifts a soul
One star can guide a ship at sea
One word can frame the goal
One goal can change a nation,
One sunbeam lights a room.
One candle wipes out darkness,
One laugh will conquer gloom.
One step must start each journey,
One word must start each prayer.
One hope can raise our spirits,
One touch can show you care.
One voice can speak with wisdom,
One heart can know what's true.
One life can make a difference,
You see, it's up to you.

Diksha

Class BA 3rd year



Self Confidence



Self-confidence means having a belief in yourself and your abilities, It means you believe in yourself enough to try, even when things seem tough, when you have self-confidence, you're not afraid to try new things. You stand tall speak up and for challenges with a smile. It's like having a strong and positive feelings inside us that says "I can do it". To build self-confidence, first start by knowing your strengths and weaknesses. Celebrate what you are good at and work on what you can improve second, mark your progress and praise your achievements no matter how small they may seem. Third, one should focus on one's own strength and not compare oneself with others. Remember self-confidence isn't about being perfect or never feeling scared. It means you have the courage to try. So, start believing in yourself because you are capable of doing amazing things.

Palvi Verma
BA 3rd Year
Roll No. 222005

Expectation Or Acceptation

"We choose acceptance over expectation to achieve peace of mind."

Life is all about expectations. At each stage of our life, we expect things from the people around us. We expect a certain outcome to certain things and situations that life puts us in. We expect things to happen our own ways. But most of the times things do not happen the way we want them to and that make us sad even angry.

Always remember, it is nothing but the clash between our expectations and acceptance that causes pain and unrest in our life. So, in some way we are ourselves responsible for putting us in difficult situations.

Sandhya
BA 3rd Year
Roll No. 222008

Her Strength Unbound

In a world that told her "stay quiet be small"
She grew her roots and stood up tall.
Through whispered doubts and shadowed fears,
She carved her path through blood and tears.
With hands that build and hearts that care,
she wove strength from dreams laid bare.
No longer bound by chains unseen,
her voice like thunder, fierce and keen.

Ankita Kumari
BA 3rd Year
Roll No. 224006

Lost in Her Mind

In the quiet corners of her mind,
A girl wonders searching to find,
Piece of herself scattered wide,
A world within where dreams collide.
Her thoughts like whispers, soft and low,
Chasing shadows she does not know,
The echoes of what she once believed,
Now lost in paths she's yet to weave.
She walks through mazes, all alone,
Seeking a place she can call home,
Where her heart beats with certainty
and her soul can simply be.
Yet deep within her hidden haze,
A spark of strength begins to blaze.
For through she's lost, she is not alone-
The journeys of hers, and she will grow.
In time, her mind will find its way,
And lead her to a brighter day.
For through she's wandering undefined,

Anjali
BA 3rd Year
Roll No. 222002



Life Lessons From A Hungry Stomach And Empty Pocket

Life can be a difficult journey, full of ups and downs, and it's often the tough times that teach us the most valuable lessons. Three experiences that can be particularly challenging are a hungry stomach, and empty pocket, and a broken heart. A hungry stomach reminds us of the basic needs of our physical bodies. When we are hungry, we realize that we cannot survive. This teaches us to appreciate the simple things in life and to be grateful for what we have. It can also motivate us to work hard and be resourceful in finding ways to provide for ourselves and our loved ones.

An empty pocket can be a harsh reality check, especially when we are used to having everything we want. It can force us to reevaluate our spending habits. We learn to live within our means and to be creative in finding ways to make our money go further. We may also develop empathy for others who are struggling financially and become more generous and compassionate.

Meena, BA 3rd Year

I'm not perfect

I'm not perfect,
I'm just me.
I smile when I'm sad,
And laugh when I'm mad.
I say things that I don't mean,
My clumsiness is often seen.
I laugh when nothing is funny,
And never save my money.
Quiet time is where
I find my comfort,
Yes, I am an introvert.
I'm ok with myself,
And that's my wealth.
Yes, I'm not perfect,
But, I'm just me.

Priyanshi Sharma
BA 3rd Year, Roll No. 320014

THE QUIET FOREST

Within the forest, silence holds its way,
The trees stand tall, their whispers faint and deep.
Sunlight filters softly through the gray,
And shadows from where quiet creatures sleep.
The birds sing songs of life, both old and new,
Their voices echo through the ancient wood.
The breeze, a gentle touch that softly blew,
It stirs the leaves, as if it understood.
The moss upon the ground is soft and green,
A blanket for the roots that lie below.
The scent of pine and earth is calm and clean,
A fragrant promise that the winds will blow
In every branch, a story is entwined,
Forest speaks with peace, its heart aligned.

Kritika
BA 2nd Year



The Line Between Right and Wrong

You will Succeed Sure

Read and write more,
Talk but think more,

Play but study more,
I promise you will succeed sure.

Eat but chew more,
Weep but laugh more.

Sleep but work more,
I promise you will succeed sure.

Punish but pardon more,
Spend but save more.

Consume but produce more,
I promise you will succeed sure.

Hate but love more,
Order but obey more.

Quarrel but love more,
I promise you will succeed sure.

A fragile thread, so thin, so tight,
Divides the shadow from the light.
A silent whisper, a subtle hue,
The line where morals weave their view.
Right stand tall with steady gaze,
A beacon bright in tangled haze.
It calls for truth, a heart sincere,
Guided by love and conscience clear.
Wrong, a shadow, bends and sways,
Tempting hearts through crooked ways.
It masks the cost, hides the pain,
A fleeting prize with lasting stain.
Yet often blurred, the path unfolds,
A tangled maze of tales untold.
Intent and choice, a complex blend,
Where means may shift to meet the end.
Who draws this line, who shapes its form?
The quit mind, the inner storm.
It's not just rules, or words divine,
But hearts that seek the honest line.
To tread this edge, a daily fight,
To weight the dark against the light.
Yet in this struggle, Wisdom grows,
A deeper truth the seeker knows.
For right and wrong, though worlds apart,
Are born within the human heart.
And those who strive, with earnest will,
Can shape the world with quit skill.

Kavita
BA 2nd Year
Roll No. 320017

Chandresh
BA 3rd Year

Importance of Reading Books

Books play a very important role in everyone's life, especially in a student's life. They are our best friends. They play an important role as a teacher and a guide in our life. Without books life is impossible. Reading improves our vocabulary and our communication skills. It also makes us a better writer. Reading good books creates moral values in a child. They get to know about society and political conditions etc. They know about the culture and lifestyle of different people from all over the world in the present and also in the past. Reading makes you more empathetic. It has even changed the lives of many people ; criminals reading spiritual books in prison have been known to become saints.

Reading books is a hobby for many people. Books in various forms are around us from magazines to novels to academic books. An E-book is the new generation of books.

Blogs and articles are part of books' family.

Books were not so easily available in the past but they are in plenty today.

Whenever you feel angry, confuse, nervous, just open and read any practical books such as poetry, motivational, you will get relief. Reading books make us good citizens.

Kavita

BA 2nd Year

Roll No. 320017

The Battle Within Her

She hates herself, she knows

she needs to open up, but her mind won't let her. Her heart begs to talks to someone; her mind pushes everyone away of fear of being abandoned again. She deals with things alone until eats too much to carry by herself, she doesn't want to isolate herself, but she doesn't know how to talk about her personal life.

Her heart aches for the attention of others, her soul does not know how to love and be loved. The mind believes it's protecting her, but she hates herself for pushing away those who want to love her! She thinks she's too broken to be loved. She'll never cry in front of anyone, as she has accepted it as a sign of weakness.

SHE FIGHTS THE SAME BATTLE IN HER HEART AND MIND EVERYDAY!

Aditi

Roll No. 222013

Class BA 3rd year



Being a Girl is not Easy



Being a girl isn't easy because we face a lot of mixed messages. People want us to be confident but also quiet, successful but not more than men.

There's pressure to look a certain way, but also want us to look ourselves.

We deal with things like safety, judgements and character assassination that's guys don't always have to worry about.

People judge us based our dressing dress, if we talk to boys, we are characterless.

This is everyday allegation that we face

It's not all bad, but it's definitely a challenge to be a girl in the world!!

Aditi

Roll No. 222013

Class BA 3rd year

Some Interpretations

Mental health: It is our emotional, psychological, and social, well- being. It is how we think, feel, and act. It helps us to determine how we handle stress, relate to others and make healthy choices. Just like our physical health, it is important to all people at any age group.

Satisfaction: Working for success will make you a master; But Working for satisfaction will make you a legend.

Patience: It is your ability to wait without becoming annoyed, upset, or angry. It's when we exercise self- control rather than lashing out and complaining.

Knowledge: In any stressful situation, people with knowledge have the power to deal with the situation. It is the light over the darkness of illiteracy, which guides us to the right path. No other power can defeat the power of knowledge. Physical strength or money is nothing in front of it.

Tanvi

Roll No. 320016

Class BA 2nd year



बालगीशा

2024-25



हिन्दी

अनुभाग



आचार्य संपादक
प्रो. सोनू कुमार भारती



छात्र सम्पादक
दीक्षा कुमार
स्नातकोत्तर
द्वितीय सत्र



विषयसूची

क्रम सं.	विषय	लेखक	पृष्ठ सं.
1	मैं जब लिखता हूँ।	अजीत कुमार	16
2	मां	उर्मिला	16
3	बूंदे	उर्मिला	17
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5	कौन हूँ मैं	अंजली	18
6	बचपन	सूर्या	18
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8	किताब	धीरज	19

**हिंदी हमारे विचारों की अभिव्यक्ति है,
इसे अपनाइए,
बढ़ाइए।**



“मैं जब लिखता हूँ।”

मैं जब भी लिखता हूँ।
बेशुमार लिखता हूँ।
किसी की ख्वाहिश,
या किसी की उम्मीद लिखता हूँ।
किसी के नए सपनों का खुमार लिखता हूँ,
या किसी के टूटे हुए सपनों का दर्द लिखता हूँ।
किसी का रास्ता या किसी की मंजिल लिखता हूँ,
किसी का मिलना या किसी का इंतजार लिखता हूँ।
कभी अपनों से पराया या कभी अपनों का प्यार,
या कभी अपना प्यार लिखता हूँ।
कभी समंदर लिखता हूँ तो कभी एक किनारा लिखता हूँ,
कभी अफताब लिखता तो कभी क्षीतिज लिखता हूँ।
कभी राख तो कभी आग लिखता हूँ,
कभी धूप तो कभी छाव लिखता हूँ।
कभी गरीब तो कभी अमीर लिखता हूँ।
कभी किसी की खुशी या किसी का गम लिखता हूँ।
ना समझ सा बालक हूँ
कभी मुट्ठी भर दुनिया,
तो कभी असीमित संसार लिखता हूँ।

अजीत कुमार
कला स्नातक तृतीय वर्ष
अनुक्रमांक 222962

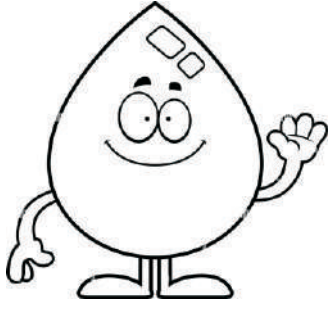


“माँ”

माँ तो जन्नत का फूल है
प्यार करना उसका उसूल है
दुनिया की मोहब्बल फिजूल है माँ की हर दुआ कबूल है
ओ इंसान माँ को नाराज करना तेरी भूल है
माँ के कदमों की मिट्टी जन्नत की धूल है

घुटनों पर रेंगते-रेंगते
कब पैरों पर खड़ी हुई
मेरी ममता की छाँव में
जाने कब बड़ी हुई.....
काला टीका दूध मलाई
आज भी सब कुछ वैसा है,
मैं ही मैं हूँ हर जगह
माँ प्यार से तेरा कैसा?
सीधी-साधी, भोली-भाली,
मैं ही सबसे अच्छी हूँ,
कितना भी हो जाऊँ बड़ी,
माँ मैं आज भी तेरी बच्ची हूँ।

उर्मिला
कला स्नातक तृतीय वर्ष
अनुक्रमांक 222182



“बूंदे”

बहती गई वो कभी
जल के रूप में

ठहर गई वो कभी
ओंस की बूंदो के रूप में कभी

बिखरती गई वो कभी
आंसू के रूप में

गिरती गई वो कभी
कभी वर्षा के रूप में

चलती गई वो कभी
नदियों के रूप में

एक जगह ठहरी रही वो
कभी तालाब के रूप में

प्यास को बूझाती गई वो
कभी पान के रूप में

ठहर गई वो कभी
सागर के रूप में

जम गई वो कभी
बर्फ के रूप में

मिट्टी में मिल गई वो
कभी सिंचाई के रूप में

उर्मिला
कला स्नातक तृतीय वर्ष
अनुक्रमांक 22182

“एक सच्चाई”

क्या खोजते हो दुनिया में,
जब सब कुछ तेरे अंदर है।
क्यों देखते हो औरों में,
जब तेरा मेरा ही दर्पण है।

दुनिया बस एक दौड़ नहीं,
तू भी अश्व नहीं है धावक।
रुक कर खुद से बातें कर ले,
अंतर मन को शांत तो कर ले।

सपनों की गहराई समझो,
अपने अन्दर की अच्छाई समझो
स्वाध्याय की आदत डालो,
जीवन को तुम खुलकर जी लो।

आलस्य तुम्हारा दुश्मन है तो,
पुरुषार्थ को अपना दोस्त बना लो।
जीवन का ये रहस्य समझ लो,
और खुशियों से तुम नाता जोड़ो।

पलक धीमान
कला स्नातक तृतीय वर्ष
अनुक्रमांक 223383

“कौन हूँ मैं?”

आखिर कौन हूँ मैं?

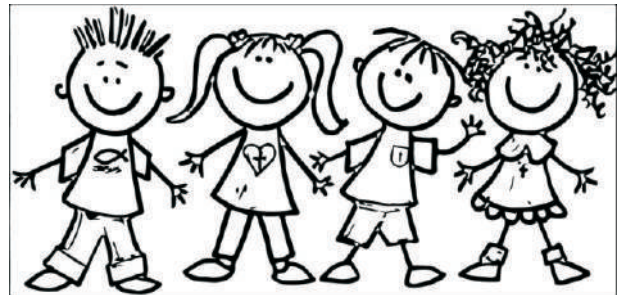
मैं वो शिक्षा हूँ पांडवों की जो आपस में बाँट ली जाती हूँ,
पुरुष प्रधान इस दुनिया में फिर जुए में हारी जाती हूँ।
मैं वो सीता हूँ राम को जो रावण बन चुरा ली जाती हूँ,
फिर वो अग्नि परीक्षा भी मैं हूँ, जो माटी में समा दी जाती हूँ।
लेकिन कौन हूँ मैं? क्यों ऐसी हूँ? खुद से ये प्रश्न दोहराती हूँ।
मैं वो कली हूँ उपवन की, जो खिलते ही तोड़ ली जाती हूँ,
कभी मस्तक पर, तो कभी चरणों में,
बस यूँ ही चढ़ा दी जाती हूँ।
खुद की जन्मी दुनिया में मैं,
खुद को ही असुरक्षित पाती हूँ।
मैं तो खामोशी हूँ आँगन की,
जो रातों को चिल्लाती हूँ।
हवस भरी इस दुनिया में,
हर रोज मैं बेची जाती हूँ।
फिर लक्ष्मी का वो रूप भी मैं हूँ,
जो घर-घर में पूजी जाती हूँ।
पर कौन हूँ मैं, क्यों ऐसी हूँ? खुद से ये प्रश्न दोहराती हूँ।

अंजली
कला स्नातक प्रथम वर्ष



“बचपन”

एक बचपन का जमाना था
जिसमें खुशियों का खजाना था
चाहत चाँद को पाने की थी
लेकिन दिल तितलियों का दीवाना था
थक कर आना स्कूल से
फिर भी खेलने जाना था
बारिश में कागज की नाँव थी
हर मौसम सुहाना था
रौने की वजह न थी
क्यों हो गए हम इतने बड़े
इससे अच्छा तो बचपन का जमाना था।



सूर्या
कला स्नातक तृतीय वर्ष
अनुक्रमांक 224103



“अच्छे घर की बेटी....”

माँ के दिल का टुकड़ा, बाप के सर की पगड़ी है वो,
गौर से देखो अच्छे घर की बेटी है वो,
सुन्दर, शांत, सरल, मनोरमा,
बिल्कुल सादा रहती है वो,
जाने कितने सपने बुन बैठी है
खुद में खोई रहती है वो,
उसकी खुशियाँ उसके सपने सब आखिर में,
खुद से आगे घर की खुशियाँ रखती है वो,
जी करता है उसकी आँखें पढ़ लूं,
इतनी पाबंदियाँ, इतने दुःख सहती है
फिर भी उफफ तक न कहती है वो,
दोष उसका कुछ भी नहीं दोषी है जगवाले,
निर्दोष होके भी सब सजाएं सहती है वो,
रो-रो कर सब आँसू सूख गए हैं उसके,
सो अब हंसती रहती है वो,
अकसर गुमसुम रहती है वो,
तिल-तिल मरती रहती है वो
फिर भी उफफ न कहती है वो, क्यों.....?
क्योंकि अच्छे घर की बेटी है वो!

स्वाती धीमान
कला स्नातक तृतीय वर्ष
अनुक्रमांक 223386



“किताब”

जिन्दगी पर एक किताब लिखूँगा,
उसमें सारे खाब लिखूँगा।
कुछ अपनों के बदले लहजे
कुछ उनका प्यार लिखूँगा,
कुछ अपने हालात लिखूँगा।
कुछ अनसुलझे सवाल लिखूँगा,
कुछ अपने जज्बात लिखूँगा।
कुछ उसकी याद लिखूँगा,
कुछ साथ बिताए पल लिखूँगा।
कुछ जो खोया है वो लिखूँगा,
कुछ जो पाया है वो लिखूँगा।
कुछ खुशियों के हँसी लिखूँगा,
कुछ गमों की नमी लिखूँगा।
कुछ रातों साथ लिखूँगा,
कुछ शामें सुनसान लिखूँगा।
कुछ अकेली जीत लिखूँगा,
कुछ जिन्दगी की हार लिखूँगा।
कुछ अपना इज़हार लिखूँगा,
कुछ उसका इनकार लिखूँगा।

धीरज
कला स्नातक तृतीय वर्ष
अनुक्रमांक 222103



VAGEESHA



2024-25



Physical Sciences Section



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"Physical science education empowers us to understand the laws that govern the universe—turning curiosity into knowledge and knowledge into innovation."

Sincerity of Chemistry

Because one is approachable,
Doesn't mean another is being chased
Laws of attraction are in force.
Which, from a point of view.
There are two involved,
To introduce on this pursuit.
But if one becomes too self involved.
Believing the honey is kept,
In just one jar.
Well ..
Eventually that one will
know which is true.
When it is made known that a honey wished to taste,
Isn't worth the game played.
Or the delay that has been wasted,
The other believed they saved for a chase.
It's not all about the honey
Frequently it's about the sincerity of a chemistry
When that's in place there is no chase

Supriya Sharma
B.Sc. 1st Year
Roll No. 2401010

The Bond of Love

Two atoms meet, a spark ignites,
A bond is formed, a force of might.
Covalent or ionic, strong and true,
Binding atoms, as they renew.



Like hearts that beat in rhythmic rhyme,
Their bonds stand strong, through space
and time.
Together they change, together they grow,
In chemistry's dance, they forever flow.

Palak, B.Sc. 2nd Year
Roll No. 301005

Love is Chemistry

Love is chemistry

It's a mystery

What brings two people together?

In the universe at the same time

When time stops!

That can instantly change your day

You walk away.

With a smile on your face.

Seeing a reflection of your dresses in white lace.

Seeing him as the bridegroom dressed in a black tuxedo.

Time becomes transparent.

Before you know it, you're a parent.

Sneaking away with your lover,

To Recover, Rediscover

The first time you rolled in deep white clover. Together.



Supriya Sharma
B.Sc. 1st Year
Roll No. 2401010

The Laws That Never Bend

The first law stands, firm and true,

Energy's here—it's not lost or new.

It changes form, it flows, it stays,

But never vanishes, not in days.

The second law speaks loud and clear,

Disorder grows, year by year.

Entropy climbs, a fate untold,

As time moves on, both young and old.

Yet through these rules, we see the art,

Of chemistry playing its vital part.

From heat to work, from bond to spark,

It shapes the world, both light and dark.

Sonakshi, B.Sc. 1st Year
Roll No. 2402004



The Noble Prize In Chemistry 2024

The Nobel Prize in Chemistry 2024 is about proteins, life's ingenious chemical tools. David Baker has succeeded with the almost impossible feat of building entirely new kinds of proteins. Demis Hassabis and John Jumper have developed an AI model to solve a 50-year-old problem: predicting proteins' complex structures. These discoveries hold enormous potential.

Proteins generally consist of 20 different amino acids, which can be described as life's building blocks. In 2003, David Baker succeeded in using these blocks to design a new protein that was unlike any other protein. Since then, his research group has produced one imaginative protein creation after another, including proteins that can be used as pharmaceuticals, vaccines, nanomaterials and tiny sensors.

The second discovery concerns the prediction of protein structures. In proteins, amino acids are linked together in long strings that fold up to make a three-dimensional structure, which is decisive for the protein's function. Since the 1970s, researchers had tried to predict protein structures from amino acid sequences, but this was notoriously difficult. However, four years ago, there was a stunning breakthrough.

In 2020, Demis Hassabis and John Jumper presented an AI model called AlphaFold2. With its help, they have been able to predict the structure of virtually all the 200 million proteins that researchers have identified. Since their breakthrough, AlphaFold2 has been used by more than two million people from 190 countries. Among a myriad of scientific applications, researchers can now better understand antibiotic resistance and create images of enzymes that can decompose plastic.

Life could not exist without proteins. That we can now predict protein structures and design our own proteins confers the greatest benefit to humankind.

Nitika Verma
B.Sc. 1st Year
Roll No. 2404003



The Magic of Physical Chemistry



In a world unseen, yet all around,
Where atoms dance without a sound,
Forces clash and bonds are made,
A universe of wonders laid.

Heat flows forth, then fades away,
Guided by laws that never sway.
Entropy whispers, time moves fast,
Yet order fights to make bonds last.

Reactions spark, some slow, some fleet,
Molecules twist in rhythmic beat.
Kinetics tells how fast they go,
While thermodynamics sets the flow.

Quantum realms, both strange and small,
Where particles don't act at all.
A wave, a dot—uncertain fate,
Yet chemistry makes nature great.

From batteries bright to cells so fine,
From stars above to drops of brine,
Physical chemistry lights the way,
Unveiling truths, come what may.

Swati Thakur
B.Sc. 3rd Year

The Molecule's Song

Tiny molecules, in perfect tune,
Dancing beneath the sun and moon.



They twist, they turn, they stretch, they bind
Creating wonders of every kind.

From the air we breathe to the food we eat,
Chemistry's rhythm keeps us complete.

In every bond, in every shift,
The universe gives a subtle gift.

Swati Thakur
B.Sc. 3rd Year
Roll No. 220406

Quarks: The Tiny Stars of Our World

Have you ever thought about what makes up everything? The answer is quarks—super tiny particles you can't even see! They're like the smallest building blocks of life. Quarks stick together to form protons and neutrons, which are inside every atom. Atoms make up you, me, the trees, the stars—everything! These quarks are always busy, moving fast and bumping into each other like dancers at a party. Scientists use giant machines, bigger than buildings, to peek at them. Why? Because quarks tell us how the universe started billions of years ago. Long before Earth was here, quarks were already working hard to create it all. They help the Sun shine bright, keep the air fresh, and even make your favorite snacks possible. Imagine that—something so small does so much! Next time you look at the sky or kick a ball, think about those tiny quarks inside every little piece. They're the secret stars of our world, doing their job every day without us even noticing. Isn't it amazing how something so small can be so important? That's the magic of physical science!

Kavita
B.Sc. 2nd Year
Roll No. 306004

Chemicals: Your Secret Helpers Every Day

Think you don't use chemicals? Think again! From morning to night, they're everywhere in your life. Wake up and brush your teeth—toothpaste has fluoride to fight cavities. That soap you use? It's sodium hydroxide mixed with oils to clean your hands. Breakfast time—salt (sodium chloride) sprinkles your eggs, and sugar (sucrose) sweetens your tea. Even water, H₂O, is a chemical keeping you alive!

Getting ready? Shampoo has sulfates to make bubbles, and your deodorant uses aluminum compounds to stop sweat. That bright shirt? Dyes made from chemicals keep it colorful. At school, your pen's ink has solvents so it flows smooth. Lunchtime—vinegar (acetic acid) in your pickle adds tang. Back home, cleaning the dishes? Detergent's got phosphates to zap grease. Even your phone screen shines thanks to silicon chemicals. Physical science shows us how these everyday things work. Chemicals aren't just in labs—they're in everything you touch, eat, and use. Next time you sip juice or scrub a plate, think about the tiny helpers making your day easier. Isn't it amazing how much chemistry fills one simple day?

*Prerna, B.Sc. 3rd Year
Roll No. 220417*

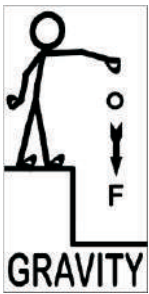
The Internet: Science That Connects Us

Ever wonder how the internet works? It's pure science magic! When you watch a video or text a friend, it starts with electricity. Your phone or laptop turns your words into tiny signals—ones and zeros—called digital data. These signals zip through wires made of copper or super-thin glass fibers. How? Fiber optics use light—yes, light!—to carry data super fast, bouncing inside the cables like a pinball game.

Then, huge computers called servers store all the websites and videos. They talk to each other using radio waves or satellites high above Earth. Wi-Fi at home? That's radio waves too, sent from a router with antennas. Physical science makes it happen—electromagnetism moves the signals, and materials like silicon power the chips inside every device. Even the speed depends on physics: light travels 3×10^8 meters per second!

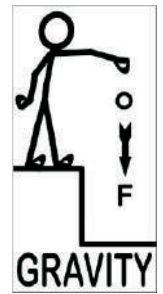
Next time you scroll or game online, think about this: billions of signals fly around the world in a blink, all thanks to science. From cables under the sea to waves in the air, the internet's a giant web of physics keeping us connected. Isn't that mind-blowing?

*Diksha Verma, B.Sc. 2nd Year
Roll No. 304006*



GRAVITY

The Invisible Hug of the Earth



Ever wonder why we don't float away? That's gravity! It's like an invisible hug from the Earth, pulling everything toward it. Gravity keeps your feet on the ground, makes balls fall when you drop them, and stops the Moon from drifting off. It's not just here—it's everywhere! Gravity holds the planets around the Sun and keeps stars in their places. Scientists say it's a force, kind of like a superpower the Earth has. Long ago, a guy named Newton figured this out when an apple fell on his head. Funny, right? Without gravity, we'd all be floating in space, and there'd be no soccer or bikes—everything would fly away! Next time you jump and land, thank gravity for bringing you back down. It's been working for billions of years, keeping the universe together like a big team. Physical science shows us how this simple force runs the show. Isn't it amazing that something we can't see or touch does so much every day? Gravity's quiet, but it's the boss of everything!

What keeps us from spinning into space? Gravity! It's like glue that sticks us to the Earth. When you throw a ball up, gravity pulls it back down. It's why rivers flow and why we don't float away when we sleep. Gravity isn't just on Earth—it's all over the universe! It keeps the Sun and planets in a big circle, like friends holding hands. Scientists learned about it from watching things fall, and now we know it's a force that never stops. Imagine if gravity took a break—your lunch would float away, and the stars would scatter! It's been around forever, making sure everything stays where it belongs. Next time you walk or play, think about gravity keeping you safe on the ground. It's super strong but super quiet—you don't even notice it working. Physical science helps us understand this cool force that shapes our days. Gravity's like a big hug from the universe, always there to catch us. How awesome is it that something invisible keeps our whole world together? Both are simple, fun, and focused on gravity! Let me know if you'd like another topic or tweak!

Vikyati Pathania
B.Sc. 3rd Year
Roll No. 210116



Sunita Williams' Big Ride Home with SpaceX

Imagine being stuck in space for nine months! That's what happened to Sunita Williams, a super cool astronaut. She went up to the International Space Station (ISS) on June 5, 2024, for what was supposed to be a short trip. But her ride, the Boeing Starliner, had problems—leaky helium and shaky thrusters. So, it came back to Earth empty, leaving Sunita and her friend Butch Wilmore behind. They waited up there, floating around, doing science, and eating space food like pizza. Finally, SpaceX stepped in to save the day! On March 18, 2025, their Dragon spacecraft splashed down off Florida's coast, bringing Sunita, Butch, and two other astronauts—Nick Hague and Aleksandr Gorbunov—home safe. SpaceX, run by Elon Musk, used a big Falcon 9 rocket to make it happen. After 286 days in space, Sunita smiled and waved as she stepped out, proving she's tough as nails. Gravity's a big deal after so long up there, so she'll need time to get steady again. Physical science made this rescue possible—rockets, orbits, and teamwork. How awesome is it that space tech brought our hero back?

Monika Thakur

B.Sc. 3rd Year

Roll No. 220405

Indelible Ink: The Purple Mark of Democracy

Ever noticed that purple mark on fingers during elections? That's indelible ink—a special dye that stops people from voting twice! In India, it's been a big deal since the 1960s. When you vote, they dab it on your left index finger, and it sticks around for weeks. Why? Because it's made with silver nitrate, a chemical that turns dark when sunlight hits it. It's like magic—colorless at first, then boom, purple-black! The ink sinks into your skin and nails, so washing it off? Good luck with that!

Mysore Paints and Varnish Ltd., a company in Karnataka, makes all of it—millions of tiny bottles for every election. For 2024's Lok Sabha polls, they sent out 26.5 lakh vials, each marking about 700 voters. It's not just India—over 25 countries use it too! Physical science makes this work: the ink's reaction with light and skin keeps elections fair. Next time you see that purple finger, think about how a little chemistry protects our big democracy. Isn't it cool how science and voting team up?

Abhishek

B.Sc. 2nd Year

Roll No. 3104005



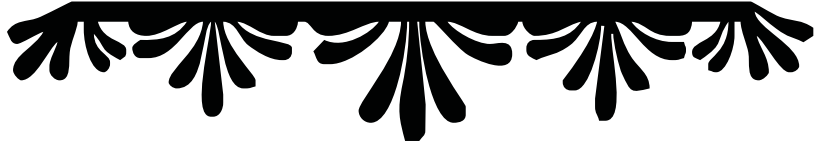
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2024-25



पहाड़ी

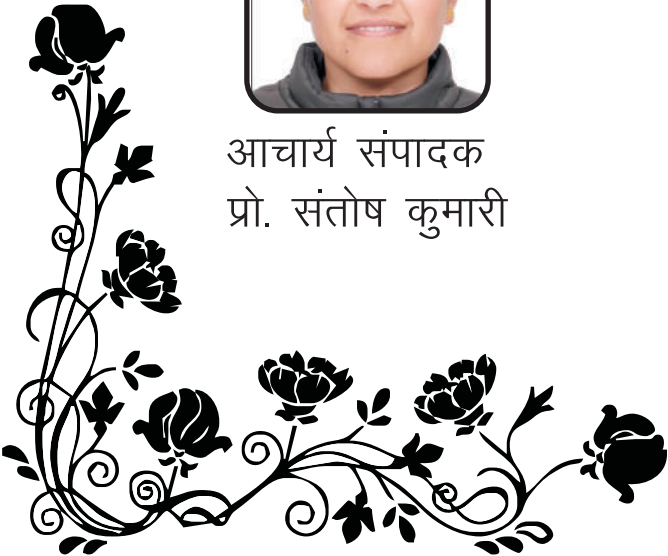
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आचार्य संपादक
प्रो. संतोष कुमारी



छात्र सम्पादक
पल्लवी
कला स्नातक
तृतीय वर्ष



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संपादक की सोच

ऐ बढी चाहे दी गल्ल ऐ कि साडे महाविद्यालय च वागीशा छपा करदी है जिस विच पहाड़ी भाषा जो भी जगह मिला करदी है। बड़े सारे विद्यार्थियों ने पहाड़ी बोलिया च लेख लिखदे न पर ओही लेख छपणे तांइ रखे जिन्हा दे भाव पूर्ण थे। ऐ बड़ी खुशिया दी गल्ल है मेकी अपनीयां गल्ला रखने दा मौका मिलया कने पहाड़ी भाषा च जेहड़ी मिठास, भोलापन ते अपनापन है, सै कुस्सी हॉरसी भाषा च नैई होना। जाहलू बी दूर परदेसे च कोई मिलदा कन्ने अपणियां बोलिया च गल्लां करदां तां इयां लगदा कि असां अपणे हि हिमाचले च हैन इक्क गल्ल हौर कि आजकल लोक अपणिया बोलियां, संस्कृतियां ते रिती रिवाजा जो भुल्ली चलयो। मां—बाप ता अपणयां बच्चयां जो पहाड़ियां च गल्ल करणे च बी मन्हा करदे। कने बड़ी भारी शर्म समझें। इसा गल्ला दिखी करी साड़े स्कूल दिया प्रिन्सिपला ए निर्णय लिया कि बच्चया कन्ने अध्यापकां दे प्रयासे कन्ने इस पत्रिका च पहाड़ी भाषा कन्ने बोलियां दे कुछ लेख होणा जरूरी न। जेड़े तुसां जो जरूर पसंद ओणे न।

धन्यवाद।

पल्लवी

कला स्नातक

तृतीय वर्ष

❖ माँ की ममता ❖

ममता दा एहसास दिलादी ऐ माँ।

बच्चा दे सुख-दुःख च शामिल हुंद ऐ माँ,

अपनी भुखा दा ख्याल न करी के पहले,

अपने बच्चया जो रोटी खोआंदी ऐ माँ।

बच्चया दे बासते भागवान दा रूप ऐ माँ,

अपने बच्चेया जो बुरी नजरा ते,

बचने बासते काला टिका लगांदही ऐ माँ।

बच्चे पयागा जालु अपने-अपने कमयो चली जांदे,

ता संजा तिना दा ओने दा इंतजार करदी ऐ माँ।

बच्चया द गलतियां जो वी माफ करदी ऐ माँ,

चोटी लगदी जालु बच्चया जो ता तड़पदी ऐ माँ।

बच्चया दे हर इक दर्दे दा ईलाज ऐ माँ।

इसी करी के साजों मा दी सेवा करना चाहिदी

एहि सबते बड़डा धर्म कने कर्म ऐ।

साक्षी

द्वितीय वर्ष

अनुक्रमांक 329014

पहाड़ी गाना

गुड़क चमक भाउआ मेघा हो

बरे रानी चंबायली रे देसा हो।।

किहां गुड़कां किहां चम्मकां हो

अंबर भरोरा घने तारे हो।।

कुतुए दी आई काली बादली हो

कुतुए दा बरसया मेघा हो।।

छाती दी आई काली बादली हो

नैना दा बरसया मेघा हो।

चिटा ता तेरा चोला काला डोरा

ओ संभूआ हथे सोठी हो।।

हथे सोठी हथे ओ मेरिये जानी

ओ संभूआ हथे सोठी हो।।

तेरे ताएं खाना बनाया ओ

संभूआ खाई के जायां हो।



रिया शर्मा

कला स्नताक तृतीय वर्ष

अनुक्रमांक 223602

सुन्नी ते भुंकू दी प्रेम कथा

पुराने समय च जालु भरमौर नगर न होई करी ग्रा हुन्दा था। तालु तीथे भेडा दा इक पाल रहंदा था। जिदा ना भुंकू था। हिमाचल दे पहाड़ा च भेडा-बकरिया दे चरवाहा दे समुदाय जो गद्दी बोलदे न। इसी गद्दी समुदाय दा रहने वाला था, भुंकू भी।

गद्दियां दी सारी उम्र थायावर हुन्दी। भेडा-बकरियां दे कने पहाड़ा, शहरां, ग्रां, कने जंगला सारिया जगह घूमदे ही रहंदे न। भुंकू भी थायावर घूमकड़ था उना दिना से जुआन, मस्तमौला अपनां ही धुन च मस्त रहंदा था।

इक बारी भुंकू भेडा-बकरियां चुगने लाहुल चली गया।

भुंकू अनाज लेन इक ग्रा च गया। जीथे उदी मुलाकात सुन्नी ना दिया कुडिया कने होई। से भी भुंकू साए अल्हड़ थी। शोख कने चंचल।

दोनों एक ही वृत्ति दे ता नी थे पर एक ही प्रवृत्ति दे थे। कुछ तकरार, इकरार, मुनहार कने, झोलदे हुए दोनो च प्रेम होई गया, से भी जन्मा जन्मान्तर तक चलने वला।

भुंकू प्यारे च अपना सब कुछ भुली गया। गांव-देस, घर-वार, भेड़-बकरी, जालु छः महीने बीती गए। तालू भुंकू दा विदा होने दा वक्त आई गया। तालु उसी अपनी भेड़-बकरियां दी याद आई। तालु कां से भेड़-बकरिया बर्फ कने ठंडे च मरी गईया थी। भुंकू ने सुन्नी की वापस ओने दा वादा कीता। भेड़-बकरिया न मिलने कने सुन्नी हा अलग होने दे गम च से अदिया बता मरी गया। कने सुन्नी भां भुंकू दे विजोगे च मरी गई।

न भुंकू बचया, न ही सुन्नी बची ता सिरफ उना दे प्यारे दी अमर गाथा।

उना दी प्रेम कहानी जो इक गीत कने फिल्मे कने प्रस्तुत करदा जिस ते फिल्मा दा ना है - "सुन्नी भुंकू"

सिमरन जरयाल
बी.ए. प्रथम वर्ष
रोल नं. 2428004

पहाड़ी गीत

हाय मेरी ओ शोभली
जाने धारो पाएं तेरा डेरा,
तू आयो बोलो हुंदी जी,
अडिये मेरे लाना नई फेरा
वाडे राखे तू वाटो दी पाचटी
खुटी बीजो बोली सारि।
नोरा देओ तबै माछो वे मिते
रे केई री लागि ली बारी।
शिगडा करना मिलना मारे
बुरा लगा बोलो तेरा
हाय मेरी ओ शोभली
जाने धारो पाएं तेरा डेरा
हाए मेरी ओ.....
तेरे खेचो दी पाचो दी
कुकड़ी, मेरे जाम्बे दी खोरे
फिरो राखे बोलो पिपली
पापली मारे बैठना शिरे
क्यों शोभली मेरी नी।
शुनदी जीयूं चोड़े न मेरा
हाय मेरी ओ शोभली,
जाने धारो पाएं तेरा डेरा
हाय ओ मेरी।

पायल देवी
द्वितीय वर्ष
रोल नं. 329052

जमाने दी चाल

कदेहया आया जमानां मितरा,
मितर नो कोई सुदामां मितरा।
ना राजे शिरी करिशन वरगा,
कुबेरे दा है खजाना मितरा।।
पैसे दा दिखा नोक्खा नजारा
पेसयां दा ही खेल है सारा।
आन-लाइन सब घरें पुज्जा दा
जाणा री कजो दुकानां मितरा।।
टॉप तां जीन दी लत जे आई
कुरती सलुआर दिती गुआई
फैशनां दा हुण दौर क्या आया
प्लाजो होइया पजामां मितरा
कहेदया आया जमानां मितरा
मितर न कोई सुदामां मितरा।

किरना, द्वितीय वर्ष, रोल नं. 333013

पहाड़ो रा जीणा

पहाड़ो रा जीणा
पहाड़ो रा नजारा नोखा
पहाड़ो रा माणु वांका
देश दुनिया घुमो,
हटे फिरो सबी पहाड़ ही लुवांउदे
ऊंचे देवदार शोबले केसी
बानकेसी चील कई जैगे
बुरांश उगदे।
ऊंची टिली ते देव-देवी बसदे
तिनो रे सहारे सबी रे काज वणदे।
साजी प्यारो रे दौड़े से पूजे जाऊंदे
जेबे ओऊंदी फसल नई
सबी दा पैले मंदरा दे चढ़ाई जांदी
तां ई सुख समृद्धि घरे आऊन्दी
पाणी दी कमी ओणें नी देंदा
पहाड़ो रा नजारा नोखा
पहाड़ो रा माणु वांका

कल्पना देवी
द्वितीय वर्ष
रोल नं. 3290625

पहाड़ी गाना

अम्मा पुछदी सुण धीये मेरिये,
दुबली इतणी कीन्या करी होई हो,
पारली बणियाँ, मोर जो बोले हो,
आमा जी इन मोर, निन्दर गवाई हो,
सद ले बन्दुकी जो, सध ले शिकारी जो,
धीये भला एतां मोर मार गिराणां हो,
मोरनी नी मारणा, मोर नी गवाणा हो,
हो अम्मा जी एतां मोर पिंजरा पुवाना हो,
कुथि जांदा चंद्र माँ, कुत्थी जांदे तारे हो,
ओ अम्मा जी कुत्थी जांदे दिलां दे प्यारे हो,
ओ अम्मा जी कुठी जांदे दिलां दे प्यारे हो
छुपी जांदा चन्द्रमा छुपी जांदे तारे हो,
छुपी जांदा चन्द्रमा छुपी जांदे तारे हो
हो धीये भला नाइयों छुपदे दिलां दे प्यारे हो,
हो धीये भला नाइयों छुपदे दिलां दे प्यारे हो,।
राति वो बाराती मत आउंदा कूजूआ
वैरी भरियां बंदूका हो हाय,
मेरिये जिन्दे वैरी भरिया बंदूका हो।
बेरियां दा गम मत करे चंचलो.....
बांहि जोर बथेरा हो हाय,
मेरिये जिन्दे बांहि जोर बथेरा हो।।

श्रेया शर्मा
कला स्नातक तृतीय वर्ष
रोल नं. 223601

VAGEESHA



2024-25



Life Sciences Section



Staff Editor
Dr. Roop Lal



Student Editor
Upender Ahir
B.Sc. 3rd Year



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Message from the Teacher Editor

"Welcome to the Life Science section of our college magazine, a vibrant space celebrating the wonders of the natural world. This edition brings together insightful articles and creative expressions that delve into the pulse of life and the intricate code that defines it. From sustainable initiatives like 'UDAY' to the marvels of gene regulation and clean energy innovations, our contributors have explored topics that inspire curiosity and action. I extend my heartfelt appreciation to the students for their dedication and creativity. May these words ignite a deeper understanding and respect for the life sciences."

*Dr. Roop Lal
Teacher Editor
Life Science Section*



Message from the Student Editor

"It's an honor to present the Life Science section of our college magazine, where knowledge meets imagination. Each piece from the poetic reflections in 'The Pulse of Life' and 'The Code of Life,' to thought provoking articles on phytoremediation, the human microbiome, and the cultural essence of Manimahesh Yatra, invites us to see the world through a scientific yet compassionate lens. A special thanks to all the contributors for their inspiring work. I hope this section sparks curiosity and encourages conversations about the incredible world of life sciences."

*Upender Ahir
Student Editor
Life Science Section*



The Pulse of Life

Life's dance of cells and light,
From dawn to dusk, from day to night.
In every pulse, a story told,
In DNA strands, mysterious unfold.

From simple seeds to towering trees,
Life flows like rivers, wild with ease.
Bacteria in the soil below,
Guide the cycles, make life grow.

The heart beats strong, the brain
does think,
The lungs inhale, and nerves blink.
In every step, in every sound,
Life's design is tightly wound.

Evolution whispers in the breeze,
Adapting, changing with such ease.
A web of life, complex and grand,
A miracle that we can understand.

In every breath, in every sight,
Life science uncovers the light.
From cells to star, it's all entwined,
A wondrous world, forever defined.

Sonali
B.Sc. 1st Year
Roll No. 2405002



The Code of Life

In twisted threads of DNA's might,
Lies the code that governs life sight,
A blueprint intricate, yet divine,
Guiding cells to grow, to thrive, to shine.

Adenine, Guanine, Cytosine, Thymine too,
The four nucleotides that code anew,
In sequence unique, yet perfectly aligned,
The instructions for life are carefully
designed.

From embryo to adult, the code unfolds,
As cells differentiate, young and old,
The language of life, in every single cell,
A symphony of signals, a story to tell.

Mutation occur, and evolution pace,
Shapes the code, and the species face,
Yet, amidst change, the core remains,
A testament to life's enduring refrains.

The code of life, a mystery so grand,
A dance of molecules, at nature's command,
A reminder of the beauty, and the might,
Of the intricate web, that is life's delight.

Rohit Kumar
B.Sc. 3rd Year
Roll No. 220511

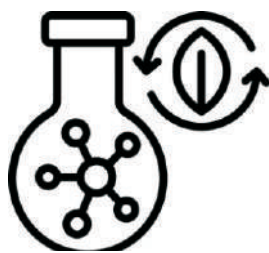
“UDAY” :

Empowering Chowari through Sustainable Waste Solution

In 2024, Basodan Eco Club, under the supervision of Eco Club Coordinator Dr. Roop Lal, demonstrated its commitment to social responsibility by launching the transformative project titled "**UDAY: Empowering Chowari through Sustainable Waste Solutions.**" This pioneering community based waste management initiative, in collaboration with *Earthjust Foundation* supported by project management collaborator Sh. Daksh Sharma and youth collaborator Sh. Dhruv Jain, serves as a model for localized sustainable waste management in Chowari town of Bhattiyat Valley, Chamba district, Himachal Pradesh. The project addresses pressing waste management challenges, focusing on waste segregation at the source. Its primary goal includes encouraging systematic segregation, reducing landfill waste, promoting recycling, and fostering positive perceptions toward waste collectors. Additionally, it aims to mitigate environmental pollution, mobilize community participation, and cultivate social responsibility for sustainable waste management.

Implemented in collaboration with stakeholders like the SDM & Tehsildar Bhattiyat, and Nagar Panchayat Chowari, the project was actively supported by dedicated Eco Club champions including Samriti Sharma, Sugandhra Bedi, Shashi Bala, Anshika Thakur, Reeya Thakur, Aarti, Renuka, Iva, Rohit, Upender, Sudarshan, Aayush, Stuti, Kareena, Kajal, Reena, and Sanjeevani. Key activities included cleanliness drives, awareness rallies, workshops, and educational sessions in schools. A practical workshop by Ashish Palyal from Eco Vigyan foundation provided insights into waste segregation, waste processing, and the challenges faced by waste collectors. Community discussions further helped in addressing local concerns. Additionally, media publications highlighted the vision and impact of the project, inspiring further participation. Despite facing challenges during implementation, the project has successfully built a foundation for sustainable waste management. With plans to continue into the next year, **UDAY** remains committed to making Chowari a cleaner, greener, and more sustainable town.

Samriti Sharma
B.Sc. 3rd Year
Roll No. 220607



Phytoremediation : A Green Solution for Heavy Metal Pollution

Industrialization and population growth have led to severe heavy metal pollution from mining, industrial effluents, and combustion. These pollutants accumulate in the food chain, causing oxidative stress, neurological disorders, immune suppression, and even cancer. Addressing heavy metal contamination is a global environmental priority. Phytoremediation is a sustainable, cost effective method using hyper-accumulator plants and microbes to remove or stabilize heavy metals in soil and water. Unlike conventional methods, it is eco-friendly and minimally disruptive. Key approaches include **phytoextraction**, where plants like Indian mustard (*Brassica juncea*) absorb and store Lead and Cadmium; **phytostabilization**, where vetiver grass (*Chrysopogon zizanioides*) immobilizes Arsenic and Lead; and **rhizofiltration**, where sunflower (*Helianthus annuus*) removes Uranium and Cesium from water. **Phytovolatilization**, seen in poplar trees (*Populus spp.*), that releases metals like Mercury into the atmosphere in a less toxic form. **Rhizodegradation**, aided by rhizospheric microbes, breaks down organic pollutants.

Prominent hyper-accumulators include **alpine pennycress** (*Thlaspi caerulescens*) for Zinc and Cadmium, **poplar trees** for Mercury, and **willow trees** for Hydrocarbon degradation. The effectiveness of phytoremediation depends on plant species, contaminant type, and site conditions. Enhancing phytoremediation efficiency involves genetic engineering, microbial inoculation, and applications of phytohormones and nanoparticles. Future research should explore plants like ***Pteris vittata*** for Arsenic removal and ***Salix species*** for multi-metal tolerance. With continued advancements, phytoremediation offers a promising, sustainable solution for mitigating heavy metal pollution and restoring ecological balance.

Stuti Thakur
B.Sc. 3rd Year
Roll No. 220610



Clean Energy Revolution : Powering the Future Without Pollution

Imagine a world where energy is limitless, pollution free, and harnessed directly from nature. This vision is rapidly becoming a reality as renewable energy sources replace fossil fuels, which are both depleting and harmful to the environment. Solar power, with the sun supplying more energy in an hour than the world uses in a year, is becoming more efficient and widespread. Wind turbines on land and sea generate clean electricity, while hydropower and geothermal energy further expand sustainable options. However, a major challenge remains related to energy storage. Scientists are developing advanced batteries, hydrogen fuel, and smart grids to ensure a stable power supply even when the sun is not shining or the wind is not blowing. The most revolutionary breakthrough on the horizon is nuclear fusion, the process that powers the sun, offering a nearly limitless, safe, and clean energy source. With ongoing research, fusion reactors could become a reality within our lifetime. The future of energy lies in the choices we make today. By accepting innovation and sustainability, we can create a cleaner, healthier planet and a prosperous future for all.

Ridham Pathania

B.Sc. 1st Year, Roll No. 2406007

The Human Microbiome: A Hidden World Within Us

The human microbiome is an interesting and rapidly evolving field in life sciences, referring to the trillions of microbes, including bacteria, viruses, and fungi that reside in and on the human body. Found in the gut, skin, mouth, and other organs, these microorganisms play a crucial role in maintaining overall health and influencing both the environment and disease. Among them, the gut microbiome is the most extensively studied and impactful. It helps in digestion, synthesizes essential nutrients, and regulates the immune system. Additionally, it is closely connected to brain function through the gut brain axis, where gut microbes produce neurotransmitters like serotonin, which influence mood, anxiety, and depression. Diet is a key factor in shaping the microbiome, with prebiotics foods that nourish beneficial bacteria and thus playing a vital role in promoting gut health. The microbiome significantly affects digestion, immunity, and mental well-being. Avoiding unnecessary antibiotics helps to preserve microbial balance and improve overall health. As advancement progresses, microbiome based therapies have the potential to revolutionize medicine, offering innovative treatments for various diseases and paving the way for a deeper understanding of human health.

Iva

B.Sc. 3rd Year, Roll No. 210618

Health and Wellness

In today's fast paced world, prioritizing health and wellness is essential for a fulfilling life. It encompasses physical, mental, and social well-being, each playing a crucial role in overall quality of life. **Physical well-being** requires regular exercise, a balanced diet, and adequate sleep to prevent chronic illnesses and boost energy levels. For example, engaging in activities like yoga, jogging, or strength training can enhance cardiovascular health and muscle strength. A diet rich in fruits, vegetables, and whole grains helps to prevent conditions like diabetes and heart disease, while maintaining a proper sleep routine improves concentration and immunity. **Mental well-being** involves managing stress, practicing mindfulness, and seeking support to maintain emotional stability. Techniques such as meditation, journaling, and breathing exercises can help to reduce anxiety. Seeking help from experts or talking to a trusted friend during difficult times can prevent mental health issues. **Social well-being** fosters on meaningful relationships and strong community connections. Spending quality time with family, engaging in social activities, or volunteering for a cause can strengthen interpersonal relationships and improve overall happiness. By adopting a holistic approach to wellness, individuals can enhance their energy, productivity, and overall happiness. Small lifestyle changes, such as taking daily walks, limiting screen time, and maintaining a balanced diet, can lead to a healthier and more fulfilling life.

Reeya Thakur

B.Sc. 3rd Year, Roll No. 220604

Unlocking Gene Regulation : The 2024 Nobel Prize in Physiology

The **Nobel Prize** is one of the most prestigious international awards, given annually to individuals and organizations for outstanding contributions in various fields. Established by the will of **Alfred Nobel**, a Swedish inventor, engineer, and industrialist best known for inventing dynamite, the prizes were first awarded in **1901**. Nobel's fortune was dedicated to recognizing those who have conferred, "the greatest benefit to humankind" in specific disciplines. The **Nobel Prizes** are awarded in six categories: **Physiology or Medicine, Physics, Chemistry, Literature, Peace, and Economic Sciences**. The first five prizes were part of Nobel's original will, while the **SverigesRiksbank Prize in Economic Sciences in Memory of Alfred Nobel** was added in **1968**. The Nobel Prizes in **Physics, Chemistry, and Medicine** are awarded by the **Royal Swedish Academy of Sciences** and the **Nobel Assembly at the Karolinska Institute**. The **Literature** prize is conferred by the **Swedish Academy**, while the **Nobel Peace Prize** is uniquely awarded by the **Norwegian Nobel Committee**. The **Economics** prize is granted by the

Swedish Academy of Sciences. The purpose of the Nobel Prize is to **honour outstanding achievements** that advance knowledge, promote peace, and benefit humanity. It has recognized remarkable individuals such as **Albert Einstein, Marie Curie, Mother Teresa, and Malala Yousafzai**, among many others. Each laureate receives a **gold medal, a diploma, and a monetary award**, with the prize ceremony traditionally held on **December 10**, the anniversary of Alfred Nobel's death.

The 2024 Nobel Prize in Physiology or Medicine was awarded to **Victor Ambros and Gary Ruvkun** for their discovery of **microRNAs (miRNAs)** and their role in gene regulation. Their research revealed how these small RNA molecules control gene expression by binding to messenger RNAs, influencing key biological processes such as cell growth, differentiation, and apoptosis. MicroRNAs have since been linked to various diseases, including **cancer and neurodegenerative disorders**, opening new pathways for **diagnostics and targeted therapies**. Their discovery revolutionized molecular biology, shaping modern medicine and therapeutic advancements.

Aarti, B.Sc. 3rd Year, Roll No. 220604

Rhododendron: The Pride of Himachal Pradesh

Rhododendrons, with their vibrant blooms and lush foliage, are a captivating sight to behold. These magnificent flowers hold special significance in the Indian state of Himachal Pradesh, where they are revered as the **state flower**. Scientifically known as **Rhododendron**, this genus comprises over 1,000 species belonging to the Ericaceae family. While rhododendrons are found in various parts of the world, they are particularly abundant in the Himalayas and Southeast Asia. Rhododendrons come in a variety of shapes and sizes, ranging from small shrubs to large trees. They can be evergreen or deciduous, with flowers that bloom in a variety of colors, including red, pink, white, yellow, and purple. The most common species in Himachal Pradesh is **Rhododendron arboreum**, also known as the tree rhododendron. This species is characterized by its tall, erect growth and bright red flowers. Blooming in spring, rhododendron flowers can last for several weeks, making them a popular choice for ornamental landscaping. Beyond their beauty, these plants play a crucial role in the ecosystem, providing food and shelter for wildlife while their deep roots help to prevent soil erosion. In Himachal Pradesh, rhododendrons symbolize the natural beauty of state and are often celebrated in songs, poems, and traditional art. They also contribute to the local economy, as their flowers are used to make jams, jellies, and wines. Rhododendrons are a valuable part of natural and cultural heritage of the Himachal Pradesh. Their stunning flowers not only enhance the landscape but also serve as a symbol of pride and identity for its people.

Sugandhra Bedi

B.Sc. 3rd Year, Roll No. 220609

The Secret Language of Plants: Intelligence in the Natural World

For centuries, plants were considered passive organisms, but science now reveals a fascinating inner world where they communicate, exhibit complex behaviors, and even show signs of intelligence. Far from being silent, plants engage in complex chemical interactions with one another and other organisms. When under attack, some release volatile compounds to warn neighboring plants, triggering defense mechanisms. These signals can also attract helpful insects. Beneath the soil, a network of mycorrhizal fungi, often called the "Wood Wide Web," connects plant roots, allowing them to share nutrients and send signals. Plants also respond actively to their environment. Sunflowers track the sun to maximize light absorption, vines use their sense of touch to climb, and roots grow toward water, demonstrating a form of decision making. Even more fascinating is the idea of plant intelligence. Though they lack brains, findings suggest that plants can learn, remember, and adapt based on past experiences. Some even associate specific scents with pollinators. While the concept of plant intelligence remains debated, identifying these hidden abilities challenges our perception of life itself. Recognizing the complexity of plants deepens our respect for nature and encourages a more harmonious coexistence with the green kingdom that sustains us.

Upender Ahir, B.Sc. 3rd Year, Roll No. 220508

Biodiversity Hotspots of India: Conserving Nature's Treasure Troves

India, with its diverse topography and climate, is a global biodiversity hotspot. It is home to *four of the world's 36 biodiversity hotspots*: **The Himalayas, The Western Ghats, The Indo-Burma region, and The Sundaland** (including the Nicobar Islands). These regions sustain unique biodiversity, including countless endemic and endangered species. The Himalayan hotspot spans from Jammu and Kashmir to Arunachal Pradesh, sheltering species like the Snow Leopard and the Red Panda. The Western Ghats, a UNESCO World Heritage site, is a hub for Amphibians, Reptiles, and Medicinal plants. The Indo-Burma hotspot is known for its rich flora and fauna, including the Hoolock Gibbon. Lastly, the Sundaland hotspot, which encompasses the Nicobar Islands, hosts Coral reefs and marine biodiversity. Despite their ecological significance, these hotspots face severe threats from deforestation, habitat loss, climate change, and illegal poaching. Conservation initiatives like the establishment of national parks, wildlife sanctuaries, and biosphere reserves play a pivotal role in preserving these regions. Community participation, sustainable tourism, and government policies under programs like Project Tiger and Project Elephant further strengthen conservation efforts. Protecting these biodiversity hotspots is not just about saving species; it's about preserving ecosystems that provide essential services.

Dr. Roop Lal, Asstt. Prof. Botany, Govt. PG College Chowari



Manimahesh Yatra : Religious Significance and Environmental Responsibility

Bharmour, situated in the Chamba district, is renowned as the "land of Gods" and is particularly famous for its 84 temples and the sacred Manimahesh pilgrimage. This town is associated with Lord Shiva and is said to be the residence of the deity on the Kailash mountain of Mani Mahesh. Legend has it that Bharmani Devi, residing in Bharmour, had granted Lord Shiva permission to spend a night in her abode, resulting in the appearance of 84 pinds on her land the next morning. Infuriated, Bharmani Devi relocated to the hilltop, now known as Bharmani. In return, Lord Shiva granted her a boon, making it a ritual for pilgrims heading to Manimahesh to take a dip in Bharmani pool. Local lore suggests that Manimahesh Kailash is unconquerable, with stories of individuals, including a Gaddi and a snake, turning into stone upon attempting to climb it. Apart from its spiritual significance, Bharmour is also admired for its natural beauty and landscapes, being the home of the Gaddi people. Tourism has significantly impacted Bharmour, attracting visitors with its attractions such as the 84 temples, Mata Bharmani Temple, Kugti Temple, Thala Water fall, Khadamukh, and especially Manimahesh-“Kailash of lord Shiva”.

The origin of the name 'ManiMahesh' is rooted in a mythological belief. It is also known as Kailash of Himachal Pradesh, located in the Pir Panjal range of Himalayas. According to local lore, it is said that there is a precious jewel, known as Mani, adorning Lord Shiva's crown. The community holds the conviction that the moonlight reflecting off this jewel can be observed from ManiMahesh lake during nights when the sky is clear and the moon is full. The mountain top sparkles like a jewel due to the reflected light from its glacier, giving rise to interesting local myths. The water of Manimahesh lake is believed to be holy. Pilgrims take a dip in the lake, praying to the reflected image of the majestic Kailash Peak in its clear waters.

Every year, Manimahesh yatra witnesses a surge in tourists during auspicious month of Shravan. The journey begins from Hadsar, the base camp of the trek which takes ~13 kilometers on foot distance to reach the sacred lake. The grandeur of snow-capped peaks, dense natural forests, lush green meadows adorned with wildflowers, sprawling alpine woody plants, intact hilly slopes with rich biodiversity, cascading waterfalls serves as a constant reminder about the beauty of trek and divine presence. In the journey one can reach, Dhancho, a sacred place so called, “heaven of Vishnu”, having its own significance whereas in our religious scriptures and in anecdotes a famous story regarding Bhasmasur, lord Shiva and Vishnu was mentioned. Dhancho is followed by two beautiful steep valleys named bandarghati and bhairavghati - covers the whole cycle of journey. In Bhairav ghati, one can see the miniatures of houses formed from the stones by devotees/pilgrimage, apart from its natural beauty. Likewise, in Bandarghati, another place called Shiv gharat is found which is associated with a famous convention that the gharat (machine used for grinding the grains) is being used by shiva ganas. Next





destination is the Sundrashi from where one can see the entrant view of Gauri Kunda where female devotee takes holy bath. Before Gauri Kunda, one has to cross the glacier covered adventurous and tough path. Gauri Kunda is near to Shiv Kunda *i.e.*, Manimahesh lake.

Tourism in Himachal Pradesh is rapidly expanding due to its unique combination of traditions, culture, and natural beauty. It significantly contributes to the economy of the state, especially through homestay and eco-tourism initiatives. According to a report, tourist arrivals in Himachal Pradesh surpassed 1.16 crore by August 2024. The tourism industry has created numerous employment opportunities, strengthening the local economy, particularly in remote areas like Bharmour. However, the surge in tourist numbers during the yatra has led to severe environmental concerns. Heavy transportation, temporary accommodations, and an increasing number of langars (community kitchens) contribute to pollution and habitat degradation. Improper waste disposal pollutes Manimahesh Lake and disrupts the delicate ecological balance, threatening rare floral and faunal species, including lichens and high altitude flora.

To address these challenges, it is crucial to implement proper waste management systems and encourage responsible tourism. Efforts should include setting up eco-friendly waste collection centers, promoting waste segregation, conducting awareness campaigns, and regulating tourist inflow to reduce environmental stress. Additionally, adopting eco-friendly alternatives such as biodegradable plates (*pattal* made from *Cassia tora*) for langars can significantly minimize waste. The Manimahesh Yatra is not just a spiritual journey; it is a collective responsibility to preserve nature. The 2024 yatra witnessed significant environmental efforts by organizations such as **Dhauladhar Cleaners** and **Healing Himalayas**, in collaboration with the local administration. Over 100 sanitation workers actively participated in waste management initiatives, setting up waste disposal units at key points along the pilgrimage route and successfully **segregating over 5,000 kilograms of waste**. This marked the first instance of on the spot waste segregation during the yatra. Volunteers also played a crucial role in raising awareness among pilgrims and local vendors about responsible waste disposal and environmental conservation.

Building on these efforts, additional measures must be undertaken to further reduce environmental degradation. **Increasing the number of sanitation facilities at key halting points, enforcing strict waste disposal regulations, and promoting the use of designated waste bins** can significantly curb pollution. **Imposing fines for littering, restricting plastic usage among vendors, and organizing pre yatra sensitization programs** can foster a culture of environmental responsibility among pilgrims. Manimahesh Yatra embodies both spiritual devotion and ecological stewardship. By embracing sustainable practices and fostering community participation, we can ensure that its natural beauty and sacred essence remain preserved for generations to come.

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VAGEESHA

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STUDENT EDITORIAL

I am delighted to welcome you all to the Planning Section of our college magazine, Vageesha. My name is Payal Verma, and I am honored to serve as the student Editor of Planning Section.

This publication is evidence of the vibrant intellectual and creative spirit of our department. Here, we look into the detailed world of Economics, exploring everything from global markets to personal finance. Our goal is to provide you with insightful analysis, practical tips, and thought-provoking discussions. Our section is more than just a collection of words and images; it's a platform for ideas, a space for expression, and a window into the minds of our students. We hope that this publication will inspire you, challenge your perspectives, and spark your imagination. I extend my heartfelt gratitude to all those who have contributed to this publication. Whether you are a budding economist or simply curious about the world around you, we hope you'll find something of your interest in our section.

Happy Reading!

Payal Verma

BA 1st Year Roll No. 2428008



A Glimpse of My Village's Economy

Situated amidst rolling hills and fertile fields, my village: Dramman, a portrait of India's rural landscape, presents a fascinating study in economic dynamics. While rooted in agrarian traditions, it is steadily evolving, embracing new opportunities, and confronting challenges that define the contemporary rural economy.

The Backbone: Agriculture

Agriculture remains the livelihood of my village with crops like rice, wheat, maize, mustard, and vegetables. Paddy fields, emerald green carpets stretching as far as the eye can see, dominate the landscape, providing sustenance for the local population and contributing to the nation's food security. However, the agrarian sector faces numerous challenges. Erratic monsoon patterns, soil degradation, and the increasing cost of inputs threaten the livelihoods of farmers.

Diversification: A Path Forward

To mitigate the risks associated with agriculture, villagers are increasingly exploring avenues for diversification. Livestock rearing, particularly dairy farming and poultry, has emerged as a significant source of income. However, these sectors face tough competition from mass-produced goods and require support to sustain their capability.

The Role of Technology

The advent of technology has brought about transformative changes in rural India. Mobile phones have revolutionized communication, connecting villagers to markets, information, and government services. Digital literacy initiatives are empowering young people, enabling them to access online resources and explore new opportunities. However, the digital divide persists, with many villagers lacking access to high-speed internet and affordable devices.

Challenges and Opportunity

The village faces many challenges, including inadequate infrastructure, limited access to credit, and a lack of skilled labor. However, it also presents immense opportunities. By investing in agriculture, promoting rural entrepreneurship, and enhancing technology, it is possible to create a prosperous and sustainable rural future. The journey ahead is filled with challenges, but the spirit of resilience and innovation that characterizes my village gives me hope. By working together, we can build a brighter future for our communities, ensuring that the rich tapestry of rural India continues to thrive.

Payal Verma

BA 1st Year Roll No. 2428008



An Introduction to Economics

Economics is the study of how people make choices about using limited resources to get what they want. As is evident that there is always scarcity of resources in relation to wants for every economic agents so a systematic and trustworthy branch of knowledge is required to address the issues confronted. Principles of Economics are guiding forces for many economic agents to make rational choices about their respective decisions. Below given arguments strongly favor of having an engagement with Economics:

Rational decision making

Economics teaches about making rational decisions in Economic matters for all economic agents. This rationality is not confined to economic issues only but also helps in other dimensions of the life.

Helps to Understand how an Economy works

It helps to develop and understanding about the working of an economy of a nation and world. In the age of globalization and technological advancement the world has been converted into a global village. In such a scenario, all the economies are inter connected wherein there are wide ramifications of changes in one part of the world in the rest of the world. Economics as a discipline motivates us for comprehend the world economy.

Career opportunities

In the field of Economics, a wide range of career opportunities are there being it in the govt sector or private. Apart from job opportunities, having own business and providing employment options for others is another way provided by the discipline. Along with this Economics offers following benefits:

1. Develops critical thinking
2. Teaches how to deal with data
3. Improves management skills
4. Efficient use of available resources while keeping maximum benefit in mind.

Payal Devi

BA 1st Year Roll No. 2428005

Economics of Free Food

In India, governments provide free food to marginalized and poor people. The arguments supported by the agencies in doing so are immensely fascinating but actual reality seems quite opposite to it. Let us discuss the arguments favored by the governments are:

1. Reduce poverty
2. Support of farmers

-
3. Provide social security
 4. To bring economic growth
 5. To reduced economic inequality
 6. To reduce malnutrition

All the above-mentioned reasons supporting free food hide the actual and dark side of the "Economics of free food" which is "politics of free of food." The politics of free food intended to fetch votes for political gains is accountable for several hidden results not favorable for the nation as whole. The governments need to realize all the ramifications of the policy and act accordingly.

Simran

BA 1st Year

Roll No. 2428004

Impacts of Terrorism on Indian Economy

According to a report by the Institute for Economics and peace, the economic cost of terrorism in India was estimated to be over \$160 Billion between 2001 and 2009. Here are few negative impacts of terrorism on Indian Economy:

Loss of human capital

Terrorists' attacks result in loss of lives, injuries, and trauma, leading to a decrease in human capital.

Infrastructure Damage

Due to attacks made by terrorists, victims witness a huge loss to basic infrastructure. In many attacks, this has been witnessed in India over the years. This damage requires huge financial expenses to be repaired.

Economic Instability

Terrorism leads to economic instability causing market vitality. In the past as well as in the recent times the world has witnessed several cases wherein market faced adversities due to terrorism

Increase in Military Expenditure

As the terror of terrorism increases, the expenditure on terrorism increases. The purchase of weapons and advanced machinery requires huge budgetary provisions. The increase in non-productive expenditure leads to fiscal burden on concerned nation.

Hindrances in Trade and Commerce

Due to economic instability the activities pertaining to trade and commerce are drastically adversely affect

Sapna Kumari

BA 1st Year , Roll No. 243026



Inflation

Understanding the rising costs inflation, a term often heard in economic discussions, refers to the general increase in the prices of the goods and services overtime. The means that your money buys less as time goes on. While a certain level of inflation is considered favorable for the smooth functioning of an economy hut excessive rate of inflation proves as threat for the economy as whole.

Since long all the economic agents and economists have tried to comprehend the concept but due to having multidimensional in nature and wide ramifications a crystal-clear understanding has not been developed about the issue. The history has witnessed devastating impacts of inflation in economic, social, political, and cultural aspects of people all over the world. The hyper inflation in Germany during world war-2 and recent inflationary tendencies in our neighbor Sri Lanka are epic examples of it.

For the shake of a better understanding of the economic world, the understanding of Inflation is one of the most crucial one for every economic agent be it demand side or supply side. I would suggest all the students and scientific community to develop own understand about it and help others to comprehend the issue so that every one could be familiar to widely impacting issue.

Meenakshi

BA 1st Year , Roll No. 2420006

Financial Problems of Students


Financial Problem is a situation where money worries cause stress. However, college student has been facing financial problem lately and this problem has become a major problem foe college student. Financial problem faced by students are known as they do not have enough money for their daily expensive. These financial issues bring mental as well as physical issues to the students.

Money is one of the most precious things concerning the life of a person. The distribution of money has been unequal and crating disparities among the people causing social distress. Although, students need lesser amount of money during studies yet enough is needed.

Financial Needs of Students

In the current scenario students need money for several reasons. These reasons are manifold as time moves on and will enriching. The reasons for money to be in the hands of students are given below:

1. To purchase books and other study material
2. To pay room rent (if living in rented rooms)

- 
3. Purchasing clothes and shoes
 4. Other expenses

Benefits of financial issues

Although students facing financial issues have wide consequences but affirmatives are no exception as underpinned:

1. Realize the relevance of finance in life
2. Learn how to manage limited resources to get maximization of purpose
3. Keep self away from bad habits such a drugs and consumption of alcohol

Sunakshi Bhandral

BA 3rd Year , Roll No. 222802

Devigaon : A Hidden Gem in the Himalayas

Tucked away in the picturesque Chamba district of Himachal Pradesh, India, lies the quaint village of Devigaon. With a population of approximately 120-180 residents, this small rural village is a tight-knit community where everyone knows each other.

Agriculture: The Lifeblood of Devigaon

Farming is the primary occupation of the villagers, with around 60-65% of the population engaged in agriculture. The main crops grown in the village are wheat, rice, potatoes, and corn. The villagers' hard work and dedication to farming have made Devigaon a self-sufficient community.

Infrastructure and Amenities

While Devigaon has made significant strides in terms of agriculture, the village still faces challenges in terms of infrastructure and amenities. The village has a government hospital, but it is still under construction and lacks regular medical staff. The hospital currently operates as a basic clinic, providing limited medical facilities. The village also has a school, but it is located near the marketplace, which is about 3-4 kilometers away from the village.

Transportation: A Work in Progress

The village is connected to the nearby marketplace through a road that has recently been repaired. However, some roads in the village are still in disrepair. Many villagers prefer to walk to the marketplace, while around 40% of the population owns two-wheeler vehicles.

Leadership and Development

The village is led by a proactive Pradhan who has taken initiatives to repair roads and

improve amenities. The Pradhan's efforts have instilled a sense of optimism among the villagers, who are hopeful about the village's future.

A Tradition of Military Service

Devigaon has a proud tradition of military service, with many sons of the village having been selected as army officers. This achievement is a testament to the village's strong values and sense of patriotism, and serves as an inspiration for future generations.

Conclusion

Devigaon may be a small village, but it has a big heart and a strong sense of community. Despite facing challenges in terms of infrastructure and amenities, the villagers remain resilient and optimistic about their future. With its proud tradition of military service and proactive leadership, Devigaon is a village that embodies the spirit of rural India.

Dishant Thakur

B.A. 1st year, Roll No. 2428002

विकसित भारत का सपना

सपना देखा भारत ने उज्ज्वल इक निर्माण का

हरित अर्थव्यवस्था संग, सतत विकास के ज्ञान का।

जहां न हो बेराजगारी, हर हाथ को काम मिले,

स्वदेशी उत्पादन बढ़ें, हर घर में आराम मिले।

मिट्टी से सोना उगे, किसान न हो लाचार,

तकनीकी नवाचार से, देश बने खुद्दार।

बिजली, पानी हर गांव में सड़कों का विस्तार हो,

हर युवा के हाथ में कौशल, सपनों का आकार हो।

स्वच्छ हवा निर्मल नदियां, हरियाली के गीत हो,

नवीन ऊर्जा स्रोतों से, उन्नति के नव गीत हो।

महंगाई की मार न हो, हर वस्तु सुलभ सस्ती हो,

आर्थिक संतुलन ऐसा हो, हर जनता मस्त-मस्त हो।

भारत बनता शक्ति महान, आत्मनिर्भर व बलवान।

हर व्यक्ति खुशहाल हो, यही है सपनों का विधान।

नव भारत की गूंज हो, जग में इसका नाम हो,

शिक्षा, विज्ञान से आगे बढ़े, हर क्षेत्र में अभिराम हो।

श्रम का सच्चा सम्मान हो, मेहनतकश मुस्काए,

भारत बने विश्वगुरु, ये युग नव इतिहास बनाएं।

चलो मिलकर कद बढ़ाएं, नव भारत को ओर सजाएं,

विकसित भारत का जो सपना है, उसे हम सच बनाएं।

Sujata Sharma

B.A. 3rd year

दृगीशा

2024-25



संस्कृत अनुभाग



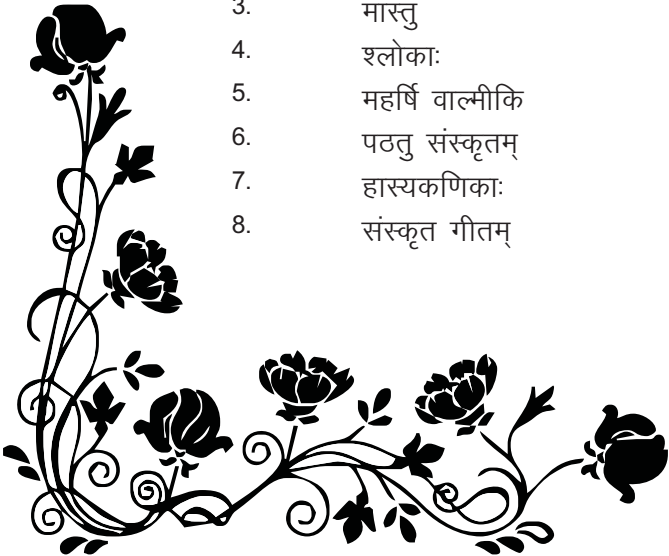
आचार्य संपादक
प्रो. विपन कुमार



छात्र सम्पादक
कनिका देवी
बी.ए. द्वितीय वर्ष

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सम्पादकीय

“शक्तिर्निपुणता लोककाव्यशास्त्राद्यवेक्षणात् ।
काव्यज्ञशिक्षयाऽभ्यास इति हेतुस्तादुद्भवे ॥”



शक्ति अर्थात् कवि प्रतिभा, निपुणता जो कि लोक अनुभव, काव्य शास्त्रों के अध्ययन से प्राप्त होती है और अभ्यास अर्थात् काव्य निर्माण में निरंतर लगे रहना, ये तीन दिखने वाले शब्द काव्य के पृथक्-पृथक् नहीं बल्कि तीनों मिलकर अर्थात् सम्मिलित रूप से काव्य के हेतु है ।

विद्यार्थी जीवनकाल में ही अपने भीतर छिपी हुई प्रतिभा को जानना और उसे उजागर तथा परिष्कृत करना प्रत्येक विद्यार्थी और उनके मार्गदर्शक गुरुजनों का कर्तव्य है । विद्यार्थी जीवन मनुष्य का स्वर्णिम काल होता है, इस काल में वह जो कुछ भी सीखता है, जिन गुणों को अपनाता है, उन्हीं से उनके व्यक्तित्व एवं चरित्र का निर्माण होता है ।

काव्यशास्त्र का पठन-पाठन उनकी कवि प्रतिभा को निपुणता की ओर ले जाता है तथा उसी के निरंतर अभ्यास से उनमें से आदर्श कवियों का जन्म होता है । बुद्धिमान् मनुष्य का समय निरंतर काव्यों की चर्चा-परिचर्चा में, जबकि मूर्खों का समय निद्रा या कलह अर्थात् लड़ाई झगड़ों में व्यतीत होता है, कहा भी है ।

“काव्यशास्त्रविनोदेन कालो गच्छति धीमताम् ।
व्यसनेन च मूर्खाणां निद्रया कलहेन वा ॥”

इसलिए विद्यार्थियों से यह आशा है कि वे अपने इस बहुमूल्य समय को व्यर्थ न गवाएं तथा इसका सदुपयोग करते हुए, अपने भीतर रचनात्मक और सृजनात्मक प्रतिभा को विकसित करें । महाविद्यालय की वार्षिक पत्रिका “वागीशा” आपकी इसी कवित्व प्रतिभा को मंच प्रदान करने के लिए प्रयासरत है ।

संस्कृत अनुभाग महाविद्यालय के प्राचार्य डॉ० प्रेमलाल भाटिया व वागीशा के मुख्य सम्पादक डॉ० सिद्धार्थ का उचित मार्गदर्शन के लिए आभार व धन्यवाद ज्ञापित करता है, साथ ही सभी विद्यार्थी लेखकों का भी स्वागत व धन्यवाद जिनके लेखरूपी मोती इस अनुभाग की शोभा बने हैं ।

विपिन कुमार
सहायक आचार्य



छात्र सम्पादकीय

“अखण्डमण्डलाकारं व्याप्तं येन चराचरम् ।
तत्पदं दर्शितं येन तस्मै श्री गुरवे नमः ॥”

अर्थात् उस महान् गुरु को नमन है, जिसने इस व्यवस्था का साक्षात्कार करना संभव किया, जो पूरे ब्रह्माण्ड में व्याप्त है । सत्यपथ के मार्गदर्शक गुरुजनों का मैं आभार व्यक्त करती हूँ, जिन्होंने मुझे यह सुअवसर प्रदान किया ।

मैं कनिका छात्र-सम्पादक संस्कृत अनुभाग की ओर से समस्त छात्र-छात्राओं को इस प्रकाशन पर शुभकामनाएं देती हूँ तथा आशा करती हूँ कि आप इसी प्रकार आगामी प्रकाशन में भी अपना योगदान देते रहेंगे ।

मैं एक बार पुनः महाविद्यालय के प्राचार्य, वागीशा के मुख्य सम्पादक तथा संस्कृत अनुभाग के आचार्य का धन्यवाद करती हूँ, जिन्होंने मुझे छात्र-सम्पादक बनने का अवसर दिया तथा उचित मार्गदर्शन भी प्रदान किया ।

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संस्कृत-भाषायाः महत्वम्

सम्प्रति अस्माकं देशे अनेकाः भाषाः प्रचलिताः सन्ति । यथा हिंदी-बंगला-मराठी-गुजराती-उड़िया-आसामी-प्रभृतयः । सर्वासां भाषाणां जननी संस्कृतभाषा एव अस्ति । संस्कृतभाषाया एव एतासां भाषाणाम् उत्पत्तिः ।

व्याकरणसम्बन्धिदोषरहिता व्यवस्थितक्रिया-कारकसमन्विता या भाषा सा संस्कृतभाषा कथ्यते । अस्माकं भारतीयानां समस्तं साहित्यमपि संस्कृतभाषायामेव वर्तते । अस्माकं सर्वप्राचीन-ग्रन्थश्चत्वारो वेदाः, उपवेदाः, वेदाङ्गानि, दर्शनशास्त्राणि, धर्मशास्त्रम्, अर्थशास्त्रम्, कामशास्त्रं, पुराणानि, उपपुराणानि, काव्यम्, नाटकञ्चेत्यादि समग्रमपि विशालं ज्ञान-विज्ञानवैभवं संस्कृतभाषायामेव निबद्धं वर्तते ।

महर्षि वाल्मीकि विरचितस्य रामायणस्य द्वैपायनवेदव्यासविरचितस्य महाभारतस्य च लोकोत्तरं महत्त्वं वर्तते संसारे साहित्ये च । एवञ्च भारतीयानां धर्मः, संस्कृतिः, सभ्यता, इतिहासः, सदाचारादीनां विषयाणां कला, ज्ञानं, रीति, नीतिः किमपि ज्ञानं संस्कृतं विना नैव भवति । अनेनैव कारणेन भारतीयजनतायाः कृते संस्कृतशिक्षाया महती आवश्यकता वर्तते । यतः भारतस्य प्राणभूते द्वे विद्यते दृ संस्कृतं संस्कृतिश्च ।

कल्पना देवी
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अस्माकं गुरुवर्याः

जीवनस्य सर्वेषु क्षेत्रेषु गुरोः आवश्यकता अस्ति । अज्ञानेन आवृते नेत्रे गुरुः ज्ञानशलाकया उद्घाटयति । यद्यपि ग्रन्थाः गुरुवः इव ज्ञानं वितरन्ति तथापि ग्रन्थेभ्यः जातं ज्ञानं निःसंदिग्धं न भवति । एतादृशेन ज्ञानेन आत्मविश्वासः न जायते । गुरुमुखात् आगता विद्या निःसंदिग्धा आत्मविश्वासकरी च संपद्यते ।

आध्यात्मशास्त्रे तु गुरोः माहात्म्यं देवस्य माहात्म्याद् अपि अधिकम् उक्तं । व्यवहारे अपि गुरोः ऋणस्य अपाकरणं कथम् अपि न शक्यं, यतः अन्नेन क्षणिका तृप्तिः भवति परं विद्यया आजीवनं तृप्तिः भवति । अतः वयं प्रतिदिनं गुरोः महिमानं गायामः -

“गुरुर्ब्रह्मा गुरुर्विष्णुः गुरुर्देवो महेश्वरः ।
गुरुः साक्षात् परब्रह्म तस्मै श्रीगुरुवे नमः ॥”

श्वेता
कला स्नातक
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मास्तु (मत करो)

Hi, hello – मास्तु हरि ॐ वदतु ।
Good Morning – मास्तु सुप्रभातं वदतु ।
Sorry – मास्तु क्षम्यताम् वदतु ।
Thank You – मास्तु धन्यवादः वदतु ।
Welcome – मास्तु स्वागतम् वदतु ।
Don't Worry – मास्तु चिंता मास्तु वदतु ।
Good Night – मास्तु शुभ-रात्रि वदतु ।
See You Again – मास्तु पुनः मिलामः वदतु ।
Tata Bye bye – मास्तु राम राम वदतु ।

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श्लोकाः



मूर्खस्य पञ्च चिन्हानि गर्वो दुर्वचनं तथा ।
क्रोधश्च दृढवादश्च परवाक्येष्वनादरः ॥

अनुवाद :- एक मूर्ख के पांच लक्षण होते हैं, घमंड, दुष्ट वार्तालाप, क्रोध, जिद्दी तर्क और अन्य लोगों के लिए सम्मान में कमी ।

नास्ति विद्या समं चक्षुः,
नास्ति सत्य समं तपः।
नास्ति राग समं दुःखं,
नास्ति त्याग समं सुखं ॥

अनुवाद :- विद्या के समान आँख नहीं है, सत्य के समान तपस्या नहीं है व आसक्ति के समान दुःख नहीं है और त्याग के समान कोई सुख नहीं है ।

अहिंसा परमो धर्मः ।
धर्म हिंसा तथैव च ॥

अनुवाद :- अहिंसा सबसे बड़ा धर्म है , परन्तु धर्म की रक्षा के लिए हिंसा भी वैसा ही धर्म है ।

दीक्षा
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महर्षिक वाल्मीकि

महर्षिः वाल्मीकि श्रीमद्रामायणस्य कर्ता । अयं आदिकविरित्युच्यते य अस्य पिता प्रचेताः । रत्नाकरः इति वाल्मीकेः मूलं नाम । प्रचेतसः पुत्रः इति कारणेन प्राचेतसः इति अस्य अपरं नाम । जन्मना अयं व्याधः आसीत् । रत्नाकरः अरण्यमार्गे गच्छन्ःजनान् भाययित्वा चौर्यं कृत्वा जीवति स्म । एकदा तस्मिन् मार्गे नारदमहर्षिः समागतः । नारदमहर्षिं दृष्ट्वा चौर्यं कर्तुं रत्नाकरः तत्सकाशं गतवान् । रत्नाकरः यथार्थमवगच्छति य ज्ञानोदयः संजायते ।

रावणवधानन्तरं कश्चन रजकस्य वचनं श्रुत्वा रामेण सीता परित्यक्ता । तस्मिन् अवसरे वाल्मीकिमुनेः आश्रमे सीता आश्रिताऽभूत् । आश्रमे एव कुशलवयोः जननमभवत् । बालकयोः शस्त्राभ्यासः शास्त्राभ्यासश्च वाल्मीकिमुनिना एव कारितः । अपि च बालकौ समग्रं रामायणं कंठस्थीकृतवन्तौ ।

एकदा वाल्मीकिमहर्षिः शिष्येण भारद्वाजेन सह स्नानार्थं तमसा नदीं प्रति गतवान् आसीत् । स्वप्रियतमस्य वियोगेन बहु दुःखितां पक्षिणीं दृष्ट्वा आर्द्रचित्तः वाल्मीकिः झटिति तस्मै व्याधयं शापं प्रायच्छत् । तस्य मुखात् शापः श्लोकरूपेण निःसृतः -

“मा निषाद प्रतिष्ठां त्वमगमः शाश्वतीः समाः ।
यत्क्रौंचमिथुनादेकमवधीः काममोहितम् ॥”

श्लोकं एतत् लौकिक संस्कृतस्य आदि श्लोकः रामायणं च आदि काव्यं तथा वाल्मीकि च आदिकविः अभूत् ।

आदित्य सिंह
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पठतु संस्कृतम्

पठतु संस्कृतं, वदतु संस्कृतं
लसतु संस्कृतं चिरं गृहे गृहे च पुनरपि ।।
ज्ञानवैभवं वेदाङ्गमयं ,
लसति यत्र भवभयापहारि मुनिभिरार्जितम् ।
कीर्तिरार्जिता यस्य प्रणयनात् ,
व्यास-भास-कालिदास-बाण-मुख्यकविभिः ।।1।।
स्थानमूर्जितं यस्य मन्वते ,
वाग्विचिन्तका हि वाक्षु यस्य वीक्ष्य मधुरताम् ।
यद्विना जना नैव जानते,
भारतीयसंस्कृतिं सनातनाभिधां वराम् ।।2।।
जयतु संस्कृतं, संस्कृतिस्तथा ,
संस्कृतस्य संस्कृतेश्च प्रणयनाच्च मनुकुलम् ।
जयतु संस्कृतं, जयतु मनुकुलम् ,
जयतु जयतु संस्कृतम्, जयतु जयतु मनुकुलम् ।।3।।

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संस्कृत गीतम्

सुरसा सुबोधा विश्वमनोज्ञा ,
ललिता हृद्या रमणीया ।
अमृतवाणी संस्कृत भाषा ,
नैवा क्लिष्टा न च कठिना ।।
कविकुलगुरु वाल्मीकि विरचिता ,
रामायण रमणीय कथा ।
अतीव सरला मधुर मंजुला ,
नैवा क्लिष्टा न च कठिना ।।1।।
व्यास विरचिता गणेश लिखिता ,
महाभारते पुण्य कथा ।
कौरव पाण्डव सङ्गर मथिता ,
नैवा क्लिष्टा न च कठिना ।।2।।
कुरुक्षेत्रे समराङ्गण गीता ,
विश्ववन्दिता भगवद्गीता ।
अतीव मधुरा कर्मदीपिका,
नैवा क्लिष्टा न च कठिना ।।3।।

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हास्यकणिकाः

1. रमेशः – भवतः विवाहोऽभवत् वा ?
राजेशः – आम ।
रमेशः – अधुना किं करोति भवान् ?
राजेशः – पश्चातापम्।
2. न्यायधीशः- भो किं त्वं जानासि , यदि असत्यं वदिष्यसि तर्हि कुत्र गमिष्यसि ?
अपराधी – आम श्रीमान् ! नरकं गमिष्यामि ।
न्यायधीशः- अथ चेत् सत्यं वदिष्यसि तर्हि ?
अपराधी – कारागारं गमिष्यामि श्रीमान्।
3. पतिः (उच्चैः, पत्नीं प्रति) – मम स्नानाय उष्णं जलं शीघ्रं आनय अन्यथा
पत्नी (सक्रोधम्) – अन्यथा भवान् किं करिष्यते।
पतिः (ससम्भ्रमम्) – किं करिष्यामि ? शीतलैः जलैः एव स्नानं करिष्यामि ।

कनिका देवी
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Commerce Section



Staff Editor
Prof. Pallavi Berry



Student Editor
Tabbu Thakur
B.Com. 2nd Year

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GOVT. P.G. COLLEGE CHOWARI
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Message from the Teacher Editor

Welcome to the commerce section of college megazine "Vageesha". In the ever-evolving landscape of global business, the fields of commerce and management have become the backbone of economic development and innovation. As we navigate through the 21st century, the importance of equipping young minds with the tools, strategies, and critical thinking are necessary to thrive in this dynamic sector

Commerce, as a discipline, opens the doors to a wide array of career opportunities, from finance to international trade. It provides the foundational knowledge of how businesses function, how markets operate, and how economic forces shape industries. As the world becomes more interconnected, there is an increasing demand for professionals who not only understand the complexities of business but also have the skills to drive growth and adaptability in an uncertain economic environment.

On the other hand, management education empowers students with the leadership, communication, and decision-making abilities essential for overseeing complex organisation.

As educators, it is our responsibility to cultivate a learning environment that encourages critical thinking, collaboration, and ethical decision-making.

However, it is not just the technical expertise that matters. In a rapidly globalizing world, the ability to think strategically, adapt to change, and communicate effectively will be the hallmarks of successful leaders. Thus, developing soft skills such as teamwork, conflict resolution, and emotional intelligence are just as important as mastering the hard skills of business management.

The young minds who also are contributors in this megazine are the leaders of tomorrow, we must focus on fostering a culture of innovation, ethical leadership, and lifelong learning. By doing so, we will equip our students with the tools they need to not only succeed in the business world but to shape a more sustainable and equitable future for all.

PALLAVI BERRY
AP COMMERCE



STUDENT EDITORIAL

As student editor, on the behalf of the department of commerce, government, PG College, Chowari I welcome you all in the section of the college magazine, "Vegeesha". The business sector of the economy, shifting consumer behaviour and marketing changes are the main topic of this section. I sincerely thank my young friends who contribute their creation of this section, which will shed some light on themes like planning, management and commerce. At last, I want to thank worthy principal an assistant professor, Pallavi Berry, who, specially found something worthy in me and encourage me to show my hidden talent, throw this magazine Vageesha.

Thanks a lot.

Tabbu Thakur
Student Editor
B.Com 2nd Year

Successful business model

Successful business models of often leieragr technology, focus on customer value and adopt to the unique market conditions. Businesses like Amazon, Flipkart and Snapdeal thrived by providing a wide variety of products a services online, leveraging technology to reach a vast customer base. Convenience , competitive pricing and extensive product selection are key drives of in this model. Base of use, security and wild spread adoption are curable for success in this model. Business offering recurring subscriptions for service like streaming, online course or software have found success in India. Companies focused on providing financial services to underserved population, such as micro loans, digital banking, and insurance are gaining transactions. Accessibility, affordability, and a focus on financial inclusion are key to success in this model.

Neelam
B.Com 2nd Year

When Life Gives You a Second Chance

Life is unpredictable

Not everyone get a second chance

When we do,

It's essential to act with courage and gratitude,
and full strength,

Whether it's healthy recovery or start a new,
after a setback embarrassing,

the chance with positivity can make all the difference.

Life, second chance are rare but precious.

They are that hope is never lost, just lake it.

Not in fear, but with faith, determination, and full on strength

With my own experience

Ranjna Jaryal

B.Com 3rd Year

Balance Sheet of Life

In the precious balance sheet of life
We have our character as the capital.

And our wisdom as the investments

We enter our feelings and thoughts

Share the ideas and values

Credit by giving, debit by receiving

Happiness as the assets

Sorrows as the liabilities

Friends, as the profit

Enemies as the loss

Patience and humanity as the bank balance

Let's compromise and adjust

The Goodwill of the soul!!



Balance Sheet

Harish Singh

B.Com 2nd Year

R. No. 317007



BANK

I AM A BANK
LET ME SPEAK FRANK
I HAVE A BIG POND OF MONEY
WHICH WILL FEEL YOU LIKE HONEY
I HAVE CERTAIN BOUNDARY
BUT YOU CAN USE ME WHENEVER NECESSARY
SOMETIME YOU HAVE TO FOLLOW A QUEUE
BUT I WILL ALWAYS BE THERE FOR YOU
I AM HAVING AN ATM CARD
AND FOR YOU, I WILL BE A BODYGUARD
SO ONCE AGAIN
I AM A BANK &
FOR YOU, I WILL BE A BAG

Abhishek Thakur
B.Com 1st Year
R. No. 2417027

Social Media and Business

In this world, social media has occupied apart and parcel of our life . Journalist, social media is a group of websites or applications where we can share our thoughts, ideas and moments and different information in no time. The use of social media plays a vital role in globalisation and it has brought a remarkable change in the field by communication. But there are both advantages and disadvantages of social media. Lots of people think that social media is a blessing for us, but some other consider it as a curse on human civilisation in the name of advancement of technology. No doubt due to the popularity of social media. Now we can get united in a very short time, can't take opinion from different people own an issue in just a click, what we have also witnessed different antisocial activities . Those are fulfilled by social media is a boon or curse for us will go on always.

Smile
B.Com 2nd Year
R. No. 317008



CONCEPT OF GST

All goods and service, bearing a few exception, will be brought into the GST base. There will be no distinction between goods and service.

Under GST, the taxation burden will be divided equitably between manufacturing and services, through a lower tax rate by increasing the tax base and minimising exemption. However, the basic feature of law, such as chargeability, definition of taxable event and taxable person, measure of Levy, including valuation provision, basic of classification, etc Would be uniform across these statutes as far as practicable. The existing GST will be discontinued, instead, a new statute known as IGST will come into place on the interstate transfer of the good and services. By removing the cascading effect of tax, additional customs, duty, surcharge, luxury tax, entertainment tax, etc will be charged on same price

Nikhil & Robin

B.Com IInd Year R. No. 317001, 317018



ACCOUNTING EQUATION OF LIFE

जिन्दगी के Ledger को खोला सारे Account गड़बड़ रहे Balance देखा तो सब कुछ Overdraft था। कैसे बनती जिन्दगी की Balance Sheet. Trial Balance ही नदारद था अपने हिस्से की Capital नहीं थी। सब Liability ही Liability। समझा था जिसको Assets वो सारी थी जिन्दगी की Working Capital। जिन्दगी के Journal BRS बनकर निकाल दे कोई हल जिन्दगी को लग रहा है Depreciation ठीक में ना कर पाए Calculation टूट गई Partnership Deed सूनी है। होली, दीवाली, ईद कोई नहीं जिन्दगी की चारी Royalty बनी रख लेते आनंद संभाल कर सांसो की बाल्टी।

Monika Devi

B.Com 2nd Year R. No. 317016



Digital Marketing



Digital marketing, also known as online marketing is the promotion of brands, products or services using digital channels to reach customers. The main goal of digital marketing is to connect with potential customers, build Brand Drive, website, traffic, generate leads and ultimately drive sales and revenue.

Key Component of digital marketing are as follows :-

1. Search engine optimisation (SEO): Optimisation website content to rank higher in search engine result, pages.
2. Social media marketing: Using social media platform to promote products, services, or brand.
3. E-mail marketing: Sending targeted or personalised message to customer or potential customer by email.
4. Mobile marketing: reaching customer through mobile device, such as smart phones and tablets.

Benefits of digital marketing

1. Increased reach: Digital marketing allows businesses to reach a global audience.
 2. Cost effective: Digital marketing is often more cost-effective than traditional market method.
 3. Flexibility: Digital marketing campaign can be easily adjusted or changed as needed.
- Common digital market tools:

1. Google analytics.: a web analytics tools that provides insight into website, traffic and behaviour.
2. Google ads: a platform for creating or managing online ads
3. Facebook ads: platform for creating or managing online ads on Facebook and Instagram

Arush

B.Com 1st year

R. No. 2417008

ACCOUNTANCY

Language of business.
To record events in order
Hated by admin, all the time
Hated by business people
Hated by many students
Hated due to the way of teaching
Option are there to make it simple
I will disclose the secret shortly
All will be free from confusing mode
My mode is simple, easy and
created by US IPR too.

Muskan
B.Com 1st Year



A poem on Book

A place to save an invest with care,
Secure your money, with interest to share
A bank's rule is to help you grow your
finances safe, as they watch them grow.
With loans to borrow, and dreams to pursue,
A bank support can see you through. From
home to business, they lend a hand ,
Helping you achieve, your financial plans.

Arush
B.Com 1st Year
R. No. 2417008

E-COMMERCE

E-commerce consist of the buying and selling of products of service over electronic system. Such as the internet and other computer network consist of:

* Buyers :

These are the people who offer good to purchase a good or service

* Sellers :

These are the people who offer good services to buyers.

* Producers :

These are the people who often create the products and services the seller offer to buy.

Nitin Kumar
B.Com 1st Year
R. No. 2417022



PG Section



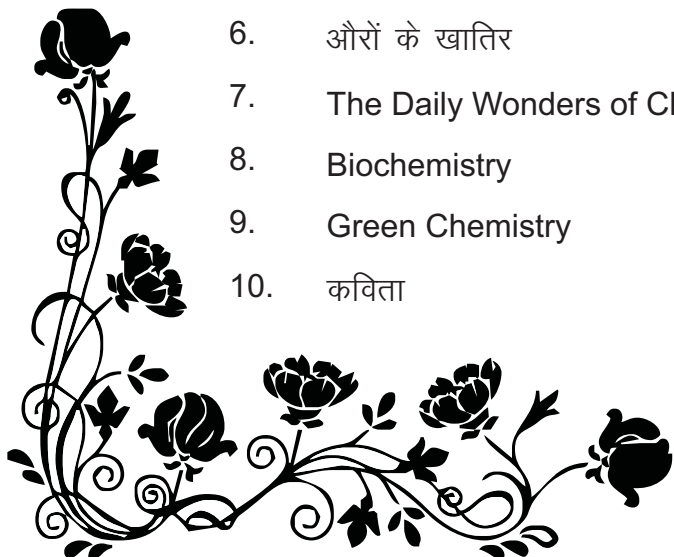
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M.Sc. 2nd Sem
R. No. 24MC003**

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**GOVT. P.G. COLLEGE CHOWARI
Distt. Chamba (H.P.)**

चम्बे दा नजारा

काश! चुडेलें सच में होती

खा जाती मर्द के ऊँचे पायदान को,
अपने नुकीले-नाखुनों से
ढाह देती उन देवताओं के महलों को,
जो पति को परमेश्वर बताते हैं।
काश! चुडेलें सच में होती, नाज रखती
अपनी तीखी जुबान पर
तोड़ देती पितृस्तता की नसों को,
मत नाचती सर पर उसके
जो अकेली लड़की के डर का कारण बनते।
दादी कहती है-चुडेलें बरसों से पीपल पर
रहती आई हैं और चुडेलों ने इतना भी नहीं किया?

Suhani
M.A. Pol. Sci.
Roll No. 24MP020

चम्बा हमारे जो लगे प्यारा,
इसजो दिखीकरी मन खुश होद जाये हमारा।
इसदा सुन्दर नजारा लगे बड़ा प्यारा,
सुन्दर चौगान दिखीकरी हमारा मन भी भरी जांदा।
हरी-भरी घाटी दा प्यारा है नजारा,
रावी किनारे बसेया चम्बे दा बजारा।
देश-विदेश सैलानी जीया आदे,
मन्दिर ते मेलेया दा अन्त ही पादे।
जे भी सैलानी करदा चम्बे दी सैर।
दिखणा नी भूलदा राजे दा महल,
आई जान्दा लौका दे नैना बिच पाणी,
याद जीया करदे राणी सुनेना दी कहानी।
चम्बे दी डलहोजी ते खजियार दी झील,
जीती लेखा लखा सैलानियों दा दिल,
मिंजर दे मेले कने सजदा बाजार
चम्बे दी जातरा च नाटी ते धुरेई,
चोला लाई नचदे चम्बे दे चुराई,
बड़ा सोणा लोको मेरे चम्बे दा नजारा।

Riya Thakur, M.A.
Roll No. 24MP003

Quantum Chemistry

Unlocking the secrets of the Molecular World

Introduction :-

Quantum chemistry is a field that bridges, chemistry, and quantum mechanisms, allowing scientists to understand and predict molecular behaviour at the atomic level.

Wave - Particle duality in chemistry

According to quantum mechanics, electrons, exhibit both wave and particle properties, the schrodinger equation helps determining the probability distribution of electrons in atoms and molecules, shaping their chemical properties.

Rishi Kumar
M.Sc. 2nd Sem.
Roll No. 24MC005

Unraveling the Mysteries of Chemical Bonding

A Deep dive into the world of atoms and molecules. Chemical bonding is the backbone of chemistry, governing the interactions between atom and molecules. It is the key to understanding the structure, properties, and behaviour of matter. Chemical bonding is the process by which atoms share or exchange electron to form a chemical compound. It involves the interaction between the electron of two or more atoms, resulting in a stable arrangement of atom. There are several types of chemical bonding, including covalent bonding, ionic bonding, hydrogen bonding, and metallic bonding. Understanding the principle and types of chemical bonding. It is essential for advancing our knowledge of the natural world and developing new tech technologies. As we continue to explore the mysteries of chemical bonding, we may uncover new and innovative ways to solve some of the world's most pressing challenges.

Kusam

Roll No. 24MC002

Quantum Chemistry

Unlocking the secrets of the Molecular World

Introduction :-

Quantum chemistry is a field that bridges, chemistry, and quantum mechanisms, allowing scientists to understand and predict molecular behaviour at the atomic level.

Wave - Particle duality in chemistry

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Rishi Kumar, M.Sc. 2nd Sem.


Roll No. 24MC005

औरों के खातिर

जो अपना न बने मन से उसे भी कहना पड़ता है, जिन्दगी को चलाने को साथ में रहना पड़ता है। कोइ भी चोट लगती है दर्द तो लाजमी होगा। दवा जरूम खूब कर लो उसे पर सहना पड़ता है। दर्द इस धार के भी तो सदा दिल पर रहे होंगे, देख लो औरों की खातिर इसे तो बहना पड़ता है, कोई मिट्टी का टीला हो या डेरी कोई मैं की बोझ बढ़ जाए जिसका भी उसे तो ढहना पड़ता है जो जिसके पास है मधुकर वही बस काम आयेगा, सर्प का देख लो शिवको बनाना गहना पड़ता है।

Pallavi Begam, M.A. Hindi

Roll No. 24MH003



The Daily Wonders of Chemistry

How it shapes our everyday lives

Chemistry is often perceived as a subject confined to laboratories, questions and complex reactions. However, in reality, it is an integral part of our daily lives. From the moment we wake up to the time we go to bed, chemistry is at work, shaping our experiences, improving our well-being and driving technological advancements. Let's explore some of the most common ways chemistry influences our everyday routines.

1. Chemistry in personal care products.
2. Chemistry in cooking and Food preservation.
3. Chemistry in cleaning and sanitation.
4. Chemistry in medicine and healthcare.
5. Chemistry in textiles and clothing.
6. Chemistry in transportation and energy
7. Chemistry in technology and electronics.
8. Chemistry in environment.

Conclusion : chemistry is not just a subject to study. It is the foundation of our daily existence from personal care and food to healthcare, transportation and technology, Chemical principles, shape, and enhance every aspect of our lives.

Ankita Kapoor

Roll No. 24MC003

Biochemistry

Biochemistry is the study of the chemical processes that occur within living organisms. It's fascinating field that combines biology, chemistry, and physics to understand the intricate mechanism of life. **Biomolecules :** studying the structure, function and interaction of biomolecules like carbohydrates, proteins, lipid and nucleic acids.

Metabolic pathways : understanding the series of chemical reactions that occur within cells, including glycolysis, the citric acid cycle, and oxidative phosphorylation.

Enzymes : Learning about the biological catalyst that speed up chemical reactions, including their structure, function, and regulation.

Gene expression : exploring the mechanism by which genetic information is converted into functional products, including transcription, translation, and regulation

Mahima

Roll No. 24MC006

Green Chemistry: The future of Sustainable Science

Introduction : green chemistry focuses on designing chemical products and processes that minimise environmental impact, reducing pollution and waste.

Principle of green chemistry :-

1. Prevention of waste:- designing reactions with minimum by products.
2. Atomic Economy :- Maximising the use of reactions in the final product.
3. Use of renewable feed stocks:- avoiding fossil fuels derived chemicals.
4. Catalysis: using catalyst instead of stoichiometric reagent to enhance efficiency.

Green chemistry is revolutionizing industries by making chemical processes, more efficient, sustainable, and environmentally friendly.

Ashish Kumar
M.Sc. 2nd Sem.
Roll No. MC007

कविता

कुछ करना है तो डटकर चल।
थोड़ा दुनियां से हटकल चल।

बिना मुकान के काम कैसा?
बिना मेहनत के, दाम कैसा?

अर्जुन सा, निशाना रख।
मन में, ना कोई बहाना रख।

लीक पर तो सभी चल लेते हैं।
कभी इतिहास को पलटकर चल।।

जब तक ना हांसिल हो मंज़िल
तो राह में, आराम कैसा?

लक्ष्य सामने है, बस उसी पे अपना
ठिकाना रख।

सोच मत, साकार कर,
अपने कर्मों से प्यार कर।
मिलेगा तेरी मेहनत का फल।
किसी ओर का न इंतज़ार कर
जो चले थे अकेले उनके पीछी आज मेले हैं.....
जो करते रहे इंतजार उनकी
जिंदगी में आज भी झमेलें हं।।

Meenakshi, M.A. Hindi
Roll No. 24MH006