

RAKESH KANWAR, IAS  
Secretary



## MESSAGE

I am happy to know to that Government College Nalagarh, Distric solan is bringing out its college magazine titled 'Parbat Rekha' on its golden jubilee year.

The premier institution is providing an invigorating academic environment to the students since 1973.

I am glad that the college has completed 50 years. It is playing an important role in shaping the career of the students thus enabling them to contribute in nation building.

I congratulate the college management, its staff and the students on this golden jubilee year and wish them success in their future endeavours.

My good wishes for its successful publication.

Rakesh kanwar



Dr. Amarjeet K. Sharma  
Director (Higher Education)



Director of Higher Education  
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## MESSAGE

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

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

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

Jai Hind.



(Dr. Amarjeet K. Sharma)  
Director Higher Education H.P.



## FROM THE PRINCIPAL'S DESK

Dear Students,

As we welcome another edition of our college magazine, I am filled with pride as I reflect on the vibrant energy and creativity that each of you brings to our campus. This magazine is not just a collection of articles and images; it is a celebration of your achievements, aspirations, and the unique spirit that defines our college community.

Your journey through higher education is a pivotal chapter in your lives. It is a time for exploration, self-discovery, and growth. I encourage you to take advantage of every opportunity that comes your way—Be it academic, cultural, or extracurricular. Engage deeply with your studies, participate in discussions, and challenge yourselves to step outside of your comfort zones. Remember, learning extends beyond the classroom walls; it is about embracing experiences that shape you into well-rounded individuals.

In today's fast-paced world, it is essential to cultivate resilience and adaptability. You will face challenges along the way, but it is how you respond to these challenges that will define your character. Embrace failures as opportunities to learn, and celebrate your successes, no matter how small they may seem.

Moreover, I urge you to foster connections within our diverse college community. Build relationships with your peers, engage with faculty members, and become involved in clubs and organizations. These interactions will enrich your experience, broaden your horizons, and create lasting memories.

As we navigate through this academic year, let us also commit ourselves to being responsible and empathetic individuals. Be mindful of the impact your actions have on others and contribute positively to our college environment. Together, we can create a supportive atmosphere where everyone feels valued and respected.

Lastly, I want to remind you that my door is always open. Whether you have questions, concerns, or ideas you wish to discuss, I am here to listen and support you. Your voices matter, and your perspectives are vital to shaping our college's future.

I hope you find inspiration and enjoyment in this edition of our magazine. Thank you for being an integral part of our college community. Let's make the most of this year together!

Warm regards,





## *FROM THE CHIEF EDITOR'S PEN...*

"Learning is not attained by chance, it must be sought for with ardor and attended to with diligence." - Abigail Adams Learning and diligence are the twin pillars that support the edifice of success. While learning provides the foundation of knowledge, diligence supplies the driving force that propels individuals. Moreover, diligence fosters a growth mindset, enabling learners to embrace challenges, persevere through obstacles, and emerge stronger and more resilient.



As we continue to climb the peaks of excellence, our magazine remains a testament to the creativity, talent, and dedication of our students, faculty, and staff. In this edition, we bring to you a diverse range of articles, stories, and features that showcase the best of our college community. From academic achievements to cultural events, and from personal reflections to insightful interviews, our magazine is a true reflection of the vibrant spirit of our college. I would like to extend my sincerest gratitude to the entire editorial team of esteemed faculty and student members of the college magazine who have worked tirelessly to bring this edition to life. Your hard work, passion, and commitment to excellence are what make "Parbat Rekha" a truly special publication. We hope you enjoy this edition!

Happy Reading

*Dr. Shipra*





***Parbat Rekha***



***Chronicle Section***

**2024-25**



## **Academic Session**

### **May**

- Submission of Admission form for session 2024-25 dated on May 25, 2024.

### **JUNE**

- NCC unit celebrated World Environment Day- June 5, 2024.
- Registration, Admission opens for BCA/BBA/PGDCA – June 21, 2024.
- Celebrated World Yoga Day = June 21, 2024.

### **July**

- Admissions open for Community College – July 20, 2024.
- Celebrated Kargil Divas by Participating in Mega Blood Donation Camp = July 26, 2024.

### **August**

- Regular teaching started on 1<sup>st</sup> August on wards
- Interactive Lecture on Union Budget by NSS unit - August 9, 2024.
- Celebration of Har Ghar Tiranga by NCC-unit on - August 15<sup>th</sup>, 2024.
- Participated in Parade conducted by Nalagarh Administration = August 16, 2024.
- Department of Sociology celebrated Sadhbhavana Divas = August 21<sup>st</sup> 2024.
- Guest lecture on Artificial intelligence by BCA department = August 23<sup>rd</sup> 2024.
- Enrollment of NCC unit (Boys) = August 24, 2024.

### **September**

- Cleanliness drive by NSS unit-September 3, 2024
- Teachers day celebrated = Sep 5-2024
- IGNOU induction programmer = Sep 7-2024
- Department of History celebrated world literacy day-sep-10-2024
- Induction & counseling program of fresher's of B.A,B COM,B,SC = sep 13-2024
- Celebrated international youth day = Sep 13-2024
- Cross country race competition of boys & girls =Sep 14-2024
- PTA meeting =Sep 14-2024
- Hindi Divas celebration = sep 14-2024
- Celebration of world ozone day by Department of Geography with Rovers and Rangers = sep 16-2024
- 10 days dance workshop for preparation for Group-3 dance= sep 20-2024
- Welcoming famous environmentalist Mr. Sonam Wangchuck =sep 25-2024
- Celebrated world tourism day = sep-27-2024
- Selection of two NSS volunteers for state level per Republic day CQMP= Sep-29-2024
- Students of Mathematics department attended National level invitation held at Hamirpur and Jaipur =Sep-2024
- Conducted “Nukkad natak”, Speech and “Swachh Abhiyan Rally on swachh bharat.

### **October**

- NCC unit conducted Swachh Abhiyan Rally and cleaning of water pond in college forest area – Oct 1, 2024.
- SP Baddi MS ILMA Afroz visited college for awareness camp regarding Drug abuse and career guidance = Oct 4, 2024.
- “Harit Dhara” plantation drive by Eco Club = Oct 9, 2024
- CSCA oath ceremony = Oct, 2024
- Prasad Distribution on Asthami = Oct 10, 2024

- Visit of Honorable commanding officer Col. Sanjhay Shandil from solan =oct 14,2024
- Electoral literacy club conducted voter's registration camp = oct 22,2034
- Participated in "Desh Bhakti" programme organized by Rashitriya Sainik Sanstha
- M.Sc. student attend pharma lab and chemistry exhibition at Baddi University = oct 22,2024
- Earned Gold Medal in Tackwondo in inter college level and participated in All India university competition = oct 23,2024
- Trails of college Athletics (M&W) team=oct 28,2024
- Digital literacy drive by SPARSH cell with HESPL = oct 22,2024
- Entrepreneur Mela organised by BCA department = oct 25,2024
- Attend kabaddi in Inter University North Zone = oct 26,2024

**Department of Poltical science** Participated in Declamation contest at Brotiwala college conducted by vigilance department = oct 28,2024

### **November**

- Felicitation of NSS Unit students for selection in Republic day parade presenting Himachal =Nov 5, 2024.
- Five Rangers attended state level Nipun testing camp at Rewalsar and qualified for Governor's Award camp = Nov 5, 2024.
- Voter's Registration camp by sveep commnuitte = Nov. 11, 2024
- Felicitation of students for winning one silver and four bronze Medal in Athletic meet held at Govt. collage Hamirpur = Nov 19, 2024.
- 14<sup>th</sup> battalion of NDRF, RRC organized Mock drill with Disaster management committee = Nov 19, 2024.
- Department of political science organized youth parliament on constitution day = Nov, 23,2024.
- Honouring students for winning gold medal (Two men and one women) in state level weightlifting = Nov, 26,2024.
- One Gold in North zone university competition = Nov,29,2024.
- Collage Bhangra team participated in HPU group - 14 III youth festival = Nov\_2024.

### **December**

- Red Ribbon club organized general health checkup camp and poster making on AIDS day = Dec.5, 2024.
- Donated winter clothes for needy = Dec. 5, 2024.
- Department of Physics organized one day workshop on Experiment in physics = Dec. 6, 2025.
- HPU inter college shooting championship = Dec. 17, 2024.
- Won bronze medal in wushu championship = Dec.19, 2024.
- Department of Mathematics celebrated birth anniversary of great Indian mathematician (Srinivasa Ramanujan day) = Dec.21, 2024.
- Honoring students for winning 8 medals in wrestling championship, women's runner-up trophy men's allover trophy = Des. 27, 2024.
- Rovers and Rangers students selected fer Republic day parade at Ridge =Dec. 31,2024.
- Certificate courses with NICE foundation and Labournet Livelihood foundation = Dec.S31, 2024.
- Placement drive by vardhman textile =Dec.13, 2024.
- Collage Bhangra team performed in Red Cross fair =Dec, 2024.

### **January**

- Community college students of Hospitality tourism have gone for Hotel industry training for 45 days = Jan, 1, 2025.
- Energy club organized poster making and Rangoli making competition on Energy conservation. = Feb, 15,2025
- Women cell and SPARSH organized lecture on topic "Legal rights of women" =Feb, 14, 2025.
- Student participated in relay team and won bronze at Hamirpur collage.
- Won one 1 gold in North zone university competition .

### February

- Energy club conducted poster making and Rangoli making on the theme “Energy conservation: Need of the hour” = Feb, 15, 2025
- Annual prize distribution function = Feb, 20, 2025
- Annual Athletic meets = Feb, 24, 2025
- NSS special 7 days camp “ **Youth For Digital Literacy**” = Feb, 27, 2025

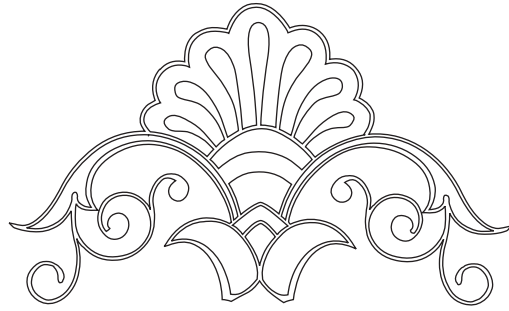
### March

- National seminar on Nanotechnology “Precision Instruments on National Science Day-Feb 28 2025.
- International Women day was celebrated by women cell SPARSH by organising workshop with Glenmark foundation -7<sup>th</sup> March.
- Organised Career placement drive by counseling cell -13<sup>th</sup> March.
- Holi celebration -13<sup>th</sup> March.
- BCA department organized a guest lecture for BBA, BCA, PGDCA= 19<sup>th</sup> March.
- NCC unit Boys organized a Community outreach programs about water conservation = 22<sup>nd</sup> March

**Complied by**  
**Ms. Deepika Jain**  
**Assistant Prof. Political Science**





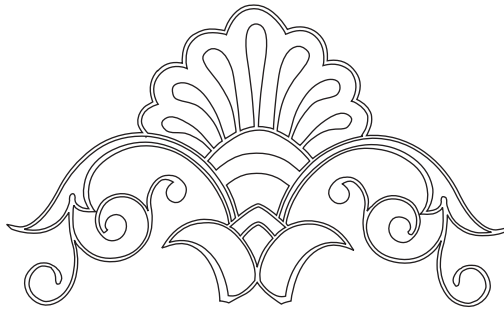


***Parbat Rekha***

***Teacher***

**की कलम से**

**2024-25**



## अनुशासन

अनुशासन का जीवन में अत्यधिक महत्व है, क्योंकि यह व्यक्ति को एक व्यवस्थित और मर्यादित जीवन जीने की दिशा में अग्रसर करता है। अनुशासन का तात्पर्य केवल नियमों का पालन करना नहीं है, बल्कि यह आत्मसंयम, कर्तव्यनिष्ठा और समय प्रबंधन का समुच्चय है। जब व्यक्ति अनुशासन को अपने जीवन का अभिन्न अंग बना लेता है, तो वह हर परिस्थिति में संयमित और संतुलित रहता है, जिससे उसे अपने लक्ष्यों को प्राप्त करने में सहायता मिलती है। अनुशासन का पहला पाठ हमें परिवार से ही मिलता है, जहाँ माता-पिता हमें सही और गलत में भेद करना सिखाते हैं। इसके बाद विद्यालय में अनुशासन का महत्व बढ़ जाता है, जहाँ शिक्षक और गुरुजन हमें समय पर कार्य पूरा करने, अनुशासित रहने और नियमों का पालन करने की शिक्षा देते हैं। एक अनुशासित विद्यार्थी अपनी पढ़ाई में ध्यान केंद्रित करता है, समय का सदुपयोग करता है और अपनी जिम्मेदारियों को समझता है, जिससे उसका शैक्षिक और बौद्धिक विकास होता है।

व्यक्तिगत जीवन में अनुशासन आत्मसंयम, अनुशासित आहार-विहार और नियमित दिनचर्या के रूप में दिखता है। यदि व्यक्ति अपने स्वास्थ्य, आचरण और दिनचर्या को व्यवस्थित रखे, तो वह न केवल मानसिक और शारीरिक रूप से स्वस्थ रहता है, बल्कि उसकी कार्यक्षमता भी बढ़ती है। अनुशासन से आत्मनिर्भरता और आत्मविश्वास भी विकसित होता है, क्योंकि जब व्यक्ति अनुशासित रहता है, तो वह अपने कार्यों को समय पर पूरा करता है और अपने जीवन में एक स्पष्ट दिशा बनाए रखता है। समाज और राष्ट्र की प्रगति में भी अनुशासन की महत्वपूर्ण भूमिका होती है। यदि समाज के प्रत्येक नागरिक अनुशासित हों और अपने कर्तव्यों का पालन करें, तो समाज में सुव्यवस्था बनी रहती है और राष्ट्र उन्नति की ओर बढ़ता है। कानूनों का पालन करना, नैतिक मूल्यों को अपनाना और अपने सामाजिक दायित्वों का निर्वहन करना अनुशासन का ही एक रूप है। यदि नागरिक अनुशासनहीन हो जाएँ, तो समाज में अराजकता और अव्यवस्था फैल सकती है, जिससे राष्ट्र की प्रगति बाधित हो सकती है।

कार्यस्थल पर अनुशासन सफलता की कुंजी होता है। जो कर्मचारी समय का पालन करते हैं, अपने कार्यों के प्रति ईमानदार रहते हैं और टीम वर्क को प्राथमिकता देते हैं, वे हमेशा आगे बढ़ते हैं। अनुशासन से ही एक संगठन में उत्पादकता बनी रहती है और संस्थान की सफलता सुनिश्चित होती है। इसके विपरीत, अनुशासनहीनता से न केवल व्यक्तिगत विफलता होती है, बल्कि पूरी संस्था को भी नुकसान हो सकता है। अनुशासन को अपने जीवन में अपनाने के लिए हमें सबसे पहले आत्मनियंत्रण को विकसित करना होगा। हमें समय का सही प्रबंधन करना चाहिए, अपने कार्यों को प्राथमिकता देनी चाहिए और किसी भी प्रकार की लापरवाही से बचना चाहिए। नियमित रूप से व्यायाम करना, समय पर भोजन करना, अध्ययन और कार्य को व्यवस्थित ढंग से करना, और अपने विचारों पर नियंत्रण रखना अनुशासन का ही एक रूप है। इसके अतिरिक्त, हमें समाज के नियमों और कानूनों का पालन करना चाहिए, जिससे हम एक बेहतर नागरिक बन सकें।

अतः अनुशासन केवल एक आदत नहीं, बल्कि एक संपूर्ण जीवनशैली है, जो व्यक्ति को सफलता, सम्मान और आत्म-संतोष दिलाती है। यह एक ऐसा गुण है, जिसे अपनाकर हम अपने जीवन को सकारात्मक दिशा में मोड़ सकते हैं। अनुशासन का महत्व केवल व्यक्तिगत सफलता तक सीमित नहीं है, बल्कि यह समाज और राष्ट्र की उन्नति के लिए भी अनिवार्य है। यदि हर व्यक्ति अनुशासन को अपने जीवन का मूलमंत्र बना ले, तो संपूर्ण विश्व में शांति, समृद्धि और विकास का वातावरण बन सकता है।

**Prof. Anchala**

**Department of Public Administration**

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# ***Parbat Rekha***



***Commerce &  
Planning Section***

***2024-25***

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## Unleashing Your Potential: Turning Passion into Profit

**\*"Your time is limited, so don't waste it living someone else's life." - Steve Jobs\***

These powerful words from Steve Jobs resonate deeply with anyone who's ever felt the urge to break free from the constraints of conventional thinking and pursue their passion. As commerce students, we're often encouraged to follow the traditional path: get a degree, land a job, and climb the corporate ladder. But what if you're meant for something more?

The truth is, entrepreneurship is not just for a select few. It's for anyone who's willing to take the leap and turn their passion into a career. Whether you're interested in e-commerce, sustainability, or social impact, there's a world of opportunities waiting for you.

So, what's holding you back? Is it fear of failure? Lack of confidence? Or simply not knowing where to start? Whatever the reason, it's time to break free and unleash your potential.

**\*5 Key Takeaways to Turn Your Passion into Profit:\***

1. **\*Identify your strengths\*:** What are you naturally good at? What skills have you developed over time?
2. **\*Research your market\*:** Who are your target customers? What problems do they face, and how can you solve them?
3. **\*Develop a business plan\*:** Outline your goals, strategies, and financial projections.
4. **\*Take calculated risks\*:** Don't be afraid to try new things and learn from your mistakes.
5. **\*Stay focused and motivated\*:** Surround yourself with positive influences and remind yourself why you started in the first place.

In conclusion, turning your passion into profit requires courage, determination, and hard work. But the rewards are well worth it. So, take the first step today and unleash your potential. The world is waiting for you!

**Dr mamta**

**Editor commerce and planning section**



## STUDENT EDITORIAL

### Digital Transformation and E-Commerce: Shaping the Future of Commerce

The commerce industry has experienced a profound digital transformation. The shift from traditional brick-and-mortar stores to online platforms has altered how businesses engage with customers, create value, and drive growth. The rapid growth of e-commerce has led businesses to adapt to new technologies, changing consumer behaviors, and the increasing importance of digital channels. In this article, we'll explore the impact of digital transformation on e-commerce, the key technologies driving this change, and how businesses are using these technologies to stay competitive in a rapidly evolving market.



- **What is Digital Transformation in E-Commerce?**

Digital transformation in e-commerce refers to the integration of digital technologies into all areas of business operations, fundamentally changing how companies deliver value to customers. This transformation is not only about adopting new technologies but also about rethinking business models, improving customer experiences, and driving innovation.

Key components of digital transformation in e-commerce include:

- **Automated Business Processes:** From inventory management to payment processing, automation allows businesses to operate more efficiently.
- **Enhanced Customer Experience:** Personalized shopping experiences, real-time customer service, and tailored recommendations are now central to e-commerce strategies.
- **Data Analytics:** Leveraging big data to gain insights into consumer behavior, optimize operations, and improve decision-making.

**Key Drivers of E-Commerce Growth**

**1. Mobile Commerce:** With the increasing use of smartphones, mobile commerce (m-commerce) has surged. Consumers now prefer to shop using their mobile devices, leading businesses to focus on mobile-friendly websites and apps that provide seamless, secure, and convenient shopping experiences.

**2. Cloud Computing:** Cloud-based solutions allow e-commerce businesses to scale easily without the need for heavy infrastructure investments. They also enable data storage, real-time inventory management, and customer relationship management (CRM) systems that are crucial for e-commerce success.

**3. Artificial Intelligence (AI):** AI technologies are used in e-commerce to personalize shopping experiences. Machine learning algorithms predict customer preferences, recommend products, and provide targeted advertising. Additionally, AI-powered chatbots are improving customer service by offering instant support.

**4. Digital Payment Solutions:** The development of digital payment systems such as PayPal, mobile wallets (Apple Pay, Google Pay), and cryptocurrency has made online transactions more secure, faster, and convenient. This has enhanced consumer trust in e-commerce platforms.

- **Benefits of Digital Transformation in E-Commerce**

**1. Improved Customer Experience:** Digital transformation enables businesses to understand and meet the specific needs of their customers. Personalization of the shopping experience, whether through targeted promotions or personalized product recommendations, increases customer satisfaction and loyalty.

**2. Global Reach:** E-commerce enables businesses to tap into global markets without the geographical limitations of physical stores. By leveraging digital marketing, SEO, and social media platforms, companies can expand their reach internationally.

**3. Cost Efficiency:** By automating processes, businesses can reduce operational costs. Cloud computing, for example, eliminates the need for physical infrastructure and expensive hardware. Similarly, AI and machine learning algorithms can help optimize inventory and demand forecasting.

**4. Faster Decision-Making:** Digital tools and analytics allow businesses to collect real-time data and make more informed decisions quickly. From inventory management to marketing campaigns, data-driven decision-making is essential for e-commerce success.

- **Challenges in Digital Transformation**

Despite the numerous benefits, the digital transformation of e-commerce also presents challenges:





**1. Cybersecurity Risks:** With the increase in online transactions, the risk of cyberattacks and data breaches has escalated. E-commerce businesses must invest in robust security measures to protect customer data and maintain trust.

**2. Changing Consumer Expectations:** Consumer behavior is constantly evolving, and businesses must remain agile to adapt to new trends, such as social commerce or voice shopping.

- **Conclusion**

Digital transformation has revolutionized the e-commerce industry, offering businesses new opportunities to innovate, engage customers, and grow. With technologies like AI, mobile commerce, cloud computing, and digital payment systems, companies are better equipped to navigate the evolving marketplace. However, businesses must also address challenges such as cybersecurity risks, the complexity of adopting new technologies, and ever-changing consumer expectations.

For businesses to thrive in the digital age, they must embrace these technologies, adapt to the shifting landscape, and continue enhancing the customer experience through personalized and efficient solutions. The future of commerce will undoubtedly be shaped by these ongoing digital advancements.

**Article By: Aradhna**

**Class : b.com 2 year**

**Student Editor**

## **Artificial Intelligence: Shaping the Future of Innovation**

Artificial Intelligence (AI) is no longer a concept confined to science fiction. Over the past few decades, it has evolved from theoretical research to a transformative force across industries. From healthcare to finance, education, and entertainment, AI is reshaping the way we live, work, and interact with technology. In this article, we will explore what artificial intelligence is, its key applications, benefits, challenges, and the future of AI.

### **What is Artificial Intelligence?**

Artificial Intelligence refers to the simulation of human intelligence processes by machines, especially computer systems. These processes include learning, reasoning, problem-solving, perception, and language understanding. AI systems are designed to mimic cognitive functions such as human learning, decision-making, and speech recognition, aiming to enhance efficiency, accuracy, and decision-making capabilities.

### **There are two main types of AI:**

**Narrow AI (Weak AI):** AI that is designed and trained to perform a specific task, such as facial recognition, language translation, or driving a car.

**General AI (Strong AI):** A more advanced form of AI that would possess the ability to understand, learn, and apply intelligence across a wide range of tasks, similar to human cognitive abilities. This type of AI is still theoretical and has not yet been realized.

### **Key Applications of Artificial Intelligence**

**1. Healthcare** AI is revolutionizing healthcare by improving diagnosis accuracy, treatment personalization, and patient care. AI-powered systems can analyze medical data, such as X-rays, MRI scans, and genetic information, to detect diseases early. Additionally, AI chatbots and virtual assistants provide real-time support to patients, making healthcare more accessible.

**Example:** IBM's Watson Health, which uses AI to analyze medical literature and patient data to assist in clinical decision-making.

**2. Finance** In the finance sector, AI is being used to detect fraud, manage risk, automate trading, and offer personalized financial advice. Machine learning algorithms analyze vast amounts of financial data to predict market trends and optimize investment strategies. AI is also enhancing customer service through AI-powered chatbots that can answer queries in real time.



**Example:** Credit card companies use AI to identify fraudulent transactions by recognizing patterns and inconsistencies in spending behavior.

**3. Retail and E-Commerce** AI plays a significant role in transforming the retail industry by improving customer experiences, personalizing shopping recommendations, and optimizing supply chains. Retailers use AI to track consumer behavior and provide tailored advertisements, as well as automate inventory management and delivery logistics.

**Example:** Amazon's recommendation engine uses AI to suggest products based on customers' browsing history, purchase behavior, and preferences.

**4. Transportation and Autonomous Vehicles** AI is the driving force behind self-driving cars, allowing vehicles to navigate, recognize objects, and make real-time decisions. Autonomous vehicles have the potential to reduce traffic accidents, improve fuel efficiency, and revolutionize transportation systems. AI is also used in traffic management systems to optimize traffic flow and reduce congestion.

**Example:** Tesla's Autopilot feature, which uses AI to navigate and drive vehicles autonomously under certain conditions.

#### • **Benefits of Artificial Intelligence**

**1. Improved Efficiency and Automation** AI can automate repetitive tasks, leading to faster and more accurate processes. This allows employees to focus on higher-level tasks that require human creativity, problem-solving, and critical thinking.

**2. Enhanced Decision-Making** AI systems can process vast amounts of data and provide insights that help organizations make data-driven decisions. By analyzing patterns and trends, AI can identify potential risks and opportunities, helping businesses stay competitive.

**3. Cost Reduction** By automating tasks and optimizing processes, AI can help businesses reduce operational costs. For example, AI-powered predictive maintenance can help businesses avoid costly equipment breakdowns by detecting potential issues before they occur.

#### **Challenges of Artificial Intelligence**

**1. Ethical Concerns** As AI systems become more powerful, ethical concerns arise regarding privacy, security, and bias. AI models trained on biased data can perpetuate discrimination, while the use of AI in surveillance raises privacy issues. Addressing these concerns requires establishing clear ethical guidelines and transparency in AI development.

**2. Job Displacement** AI and automation are expected to replace some jobs, particularly in industries that rely on repetitive tasks. While AI creates new job opportunities, workers may need retraining to adapt to new roles and skills.

**3. Lack of Transparency** Many AI models, particularly deep learning algorithms, operate as “black boxes,” meaning that their decision-making processes are not easily understood. This lack of transparency can be problematic, especially in critical sectors like healthcare and finance, where accountability is crucial.

#### **The Future of Artificial Intelligence**

- **AI in Creativity:** AI is already being used to generate art, music, and literature. As AI becomes more advanced, it could become a tool for creative expression, working alongside human artists to produce new forms of art.
- **AI and Human Collaboration:** Rather than replacing humans, AI could enhance human abilities, helping people make more informed decisions, perform complex tasks, and solve problems more efficiently.
- **General AI:** While narrow AI is widely used today, the development of general AI—machines that can perform any intellectual task that a human can—could transform industries even further.

#### **Conclusion**

Artificial Intelligence is transforming the world in profound ways. Its applications in healthcare, finance, transportation, retail, and customer service are already improving efficiency, personalization, and decision-making.

**Article By: Aradhna**  
**Class : b.com 2 year**



## National education policy

National education policy 2020 is a comprehensive framework introduced by the government of India to reperform the education system. It replaces the National Policy of Education, 1968 and aims to make education more holistic, flexible, and skill-oriented. The policy aims to make Indian education more inclusive, multidisciplinary, and aligned with global standards while retaining Indian values and traditions.

### • KEY FEATURES OF NEP 2020

#### 1. School Education Reforms :

5+3+3+4 structure : Replaces the traditional +2 system with a new structure .

Foundational stage : 3 years of personal+ grade 1-2( ages 3-8)

Preparatory stage : Grades 3-5 ( ages 8-11 )

Middle stage : Grades 6-8 ( ages 11-14 )

Secondary stage : Grades 9-12 ( ages 14-18 )

No Rigid Separation of streams : Students can choose a mix of arts ,science and vocational subjects.

Bagless Days and Vocational Training : More focus on practical skills from grade 6.

#### 2. Higher Education Reforms :

Multiple Entry And Exit Options : students can leave a course at different stages and get user certificate, diploma or degree accordingly.

Accredited Bank of Credits (ABC) : Students can store credits and use them later to complete their degrees.

Multidisciplinary Education : colleges to offer flexible courses across disciplines.

Foreign University in India : Top- rank globe University will be allowed to operate in India.

#### 3. Teacher Training & Development :

Minimum Qualification for Teachers: a four year integrated b.Ed degree will be required.

Continuous Professional Development: Regular training assessment for teachers.

Article By : Muskan Thakur

Class : b.com 2 year

## Future Career Options For B.com And M.com Graduates

Completing a Bcom and mcom opens up a wide array of career opportunities across various sectors including finance accounting, business and more.

#### 1. Accounting and finance jobs :

One of the most common jobs for commerce graduates. Accountants are responsible for managing financial records. Many B.Com graduates aim to pursue the qualifications like CA (chartered accountant) .

Salary - INR 3-6 LPA

#### 2. Tax consultant :

Tax consultants assist businesses and individuals in optimizing their Taxes and ensures Compliance with local tax regulation.

Salary - INR 3-5 LPA

#### 3. Banking jobs. :

Banking offers numerous employment opportunities in commerce specially for b.com graduates. These roles include relationship managers credit analysts and loan officers.

Salary - INR 3.5 - 6 LPA

#### 4. Chartered Accountant ( CA ) :

CA is a popular path for commerce students. She / He can work in auditing taxation and financial consulting.

Salary - INR 7-15 LPA

#### 5. Marketing Manager :

a career in marketing management is ideal. It's drive sales and promote brand awareness.

Salary - INR 5-10 LPA

#### 6. Human Resource Management :

Human resource manager play a critical role in handling recruitment and benefits within a company commerce graduates can enter in this field.

Salary - INR 4-7 LPA

Article By: Rajni Sharma

Class b.com 2 year

# Investment Options and Strategies

## 1. How to Invest?

Step 1: Set Clear Financial Goals

Decide if you're investing for:

Short-term (1-3 years) → Emergency fund, travel, gadgets, down payment, etc.

Medium-term (3-7 years) → Buying a car, child's education, business capital, etc.

Long-term (7+ years) → Retirement, home purchase, wealth creation, etc.

Step 2: Assess Risk Tolerance

Low risk → You prefer stable returns, even if they're lower.

Medium risk → You're comfortable with some market fluctuations.

High risk → You're willing to take risks for higher potential returns.

Step 3: Choose the Right Investment Instrument

Once you know your goals and risk tolerance, select suitable investments.

## 2. Where to Invest?

### A. Low-Risk Investments (Stable & Safe)

Best for: Emergency funds, senior citizens, or low-risk takers.

Fixed Deposits (FDs) – Safe, predictable returns (5-7% annually).

Public Provident Fund (PPF) – 15-year lock-in, tax-free returns (~7.1%).

Post Office Savings Schemes – Recurring Deposits, Senior Citizen Savings Scheme (SCSS), etc.

Debt Mutual Funds – Better than FDs, invest in government bonds/corporate debt.

Sovereign Gold Bonds (SGBs) – Earn 2.5% interest + gold price appreciation.

### B. Medium-Risk Investments (Balanced Growth)

Best for: Long-term wealth building with some safety.

Balanced Mutual Funds (Hybrid Funds) – Mix of equity & debt, moderate risk.

Index Funds (Nifty 50, Sensex, etc.) – Lower risk than stocks, long-term growth (~12-15% yearly).

### C. High-Risk, High-Return Investments

Best for: Young investors, aggressive wealth builders.

Stocks (Equity Market) – Directly invest in shares of companies (e.g., TCS, Reliance, Infosys).

Equity Mutual Funds – Invest in diversified stocks, managed by experts.

Cryptocurrency & Digital Assets – Bitcoin, Ethereum, but highly volatile.

Startups & Venture Capital – Invest in early-stage companies via angel investing.

International Stocks & ETFs – Diversify by investing in global markets (e.g., S&P 500).

## 3. Where to Start Investing?

Stock Market (Equity) – Open a Demat & Trading Account with brokers like Zerodha, Upstox, or Groww.

Mutual Funds – Start via apps like Coin, Paytm Money, or direct AMCs (SBI, HDFC).

Post Office & FDs – Visit a post office or bank for savings schemes.

Gold & Real Estate – Buy through digital platforms (SGBs, ETFs) or physical assets.

Bonds & Debt Funds – Invest through platforms like GoldenPi, Wint Wealth.

## 4. Pro Tips for Smart Investing

- Diversify: Don't put all your money in one place. Mix stocks, debt, gold, and FDs.
- Start Early: Even small amounts grow significantly with time (power of compounding).
- Invest Regularly: Use SIP (Systematic Investment Plan) for mutual funds to reduce risk.
- Monitor & Adjust: Track your investments and rebalance yearly.

Article By : Payal Sharma

Class: b.com 2 year

## Income tax slabs 2026-2027

The Income Tax Slabs for the Financial Year 2025-2026 (Assessment Year 2026-2027) have been restructured to bring more clarity and relief to taxpayers. With the goal of simplifying the tax structure and encouraging tax compliance, the Indian government has made some significant changes to the income tax framework. Below is a comprehensive article on the income tax slabs for 2025-2026 .

Income Tax Slabs for FY 2025-2026 (Assessment Year 2026-2027)

### 1. Up to ₹ 4 lakh: Nil

Taxpayers earning up to ₹4 lakh will be exempt from paying any income tax. This provides significant relief to the lower-income segments, helping them retain more of their income.

### 2. ₹ 4 lakh to ₹ 8 lakh: 5%

Income between ₹ 4 lakh and ₹ 8 lakh will be taxed at 5%. This is a relatively mild tax rate, designed to ease the burden on middle-income earners.

### 3. ₹ 8 lakh to ₹ 12 lakh: 10%

For earnings falling between ₹ 8 lakh and ₹ 12 lakh, the income tax rate will be set at 10%. This moderate rate is applied to the income above ₹ 8 lakh, making it a progressive system where higher income is taxed at higher rates.

### 4. ₹ 12 lakh to ₹ 16 lakh: 15%

In this bracket, income between ₹ 12 lakh and ₹ 16 lakh will be taxed at 15%. This rate is still within a reasonable range, ensuring that higher earners contribute more to the nation's revenue.

### 5. ₹ 16 lakh to ₹ 20 lakh: 20%

Taxpayers with earnings between ₹16 lakh and ₹ 20 lakh will see a tax rate of 20%. This increase reflects the shift to a higher income bracket and ensures a fair taxation system.

### 6. ₹ 20 lakh to ₹ 24 lakh: 25%

For income in the range of ₹ 20 lakh to ₹ 24 lakh, the tax rate will rise to 25%. This tier ensures that high earners contribute significantly to the country's economic development.

### 7. Above ₹ 24 lakh: 30%

Income exceeding ₹ 24 lakh will be taxed at the highest rate of 30%. This is in line with global tax structures where high-income earners face the highest tax burden.

## Which Tax Regime Should You Choose?

Taxpayers have the option to choose between the new and old tax regimes based on their financial situation and eligibility for exemptions. Here are some key points to consider:

### New Regime:

No deductions like HRA, 80C, or 80D are available.

Lower tax rates across various income brackets.

Simpler filing process due to fewer exemptions.



**Old Regime:**

Taxpayers can avail of exemptions and deductions.

The possibility of reducing the overall taxable income by using deductions such as for investments, insurance premiums, etc.

Higher tax rates compared to the new regime.

It is important for individuals to assess their annual income, expenses, and potential deductions before deciding on the regime.

**Conclusion**

The income tax slabs for FY 2025-2026 have been designed to provide more relief to taxpayers, especially for those in the middle-income groups. The simplification of the tax structure and the removal of numerous exemptions in the new regime are aimed at creating a more transparent and efficient tax system. Taxpayers are advised to carefully evaluate both tax regimes to determine which option offers the best benefits for their financial situation.

Tax experts and financial planners will also play an important role in guiding individuals and businesses through these changes to ensure that they are taking full advantage of the new tax provisions.

**Article By : Khushboo**

**Class : b.com 2 year**

## Understanding the Stock Market: A Beginner's Guide

The stock market is a complex financial system that allows individuals, companies, and institutional investors to buy and sell shares (or stocks) in publicly traded companies. It plays a crucial role in the economy by facilitating the flow of capital between companies that need funding and investors seeking returns. Here's a detailed look at how the stock market works, its key components, and the factors influencing stock prices.

**1.What is the Stock Market?**

The stock market is essentially a marketplace where buyers and sellers come together to exchange ownership in companies. Stocks represent ownership shares in a company, and their prices fluctuate based on a variety of factors. Investors buy stocks hoping that the company will grow and, as a result, the value of their stocks will increase.

**The stock market includes major exchanges like:**

New York Stock Exchange (NYSE): One of the oldest and largest exchanges in the world.

Nasdaq: Known for its technology-heavy listings.

London Stock Exchange (LSE): A major exchange in Europe.

Tokyo Stock Exchange (TSE): A prominent exchange in Asia.

**2. Key Components of the Stock Market**

**Shares/Stocks:** When you buy a share of a company, you are purchasing a small ownership stake in that company. If the company does well, the value of your shares typically increases.

**Brokers:** A broker is an individual or firm that facilitates the buying and selling of stocks. Brokers can either work directly with investors or be part of a larger brokerage firm, such as Charles Schwab or TD Ameritrade.

**Bulls and Bears:** These terms describe the general market sentiment. A bull market is one where prices are rising, while a bear market refers to a period of declining prices.

### 3. Type of stocks

**Common Stocks:** These are the most widely traded stocks and give shareholders voting rights at annual meetings.

**Preferred Stocks:** These stocks offer a fixed dividend, but shareholders typically don't have voting rights. They are less volatile than common stocks and provide more stable income.

### 4. How to Invest in the Stock Market

Investing in the stock market requires a few key steps:

1. **Open a Brokerage Account:** You need to have an account with a broker to begin buying and selling stocks.
2. **Research and Choose Stocks:** Thoroughly research the companies you're interested in, looking at their financial health, performance history, and growth potential.
3. **Decide Your Investment Strategy:** You can opt for active trading (buying and selling frequently) or long-term investing (holding stocks for years). Your strategy will depend on your risk tolerance and financial goals.
4. **Diversify Your Portfolio:** To reduce risk, it's essential to diversify your investments across different sectors and types of assets (stocks, bonds, etc.).
5. **Monitor Your Investments:** Regularly check your portfolio to ensure it aligns with your financial goals. Stay informed about market trends and adjust your investments as needed.

#### Key risks include:

**Market Risk:** The general risk of the market declining.

**Volatility:** Prices can swing drastically in the short term.

**Company-Specific Risk:** A company may perform poorly due to internal issues or poor management.

### Conclusion

The stock market is an essential part of the global financial system, offering opportunities for both companies and investors to grow wealth. While it offers the potential for significant returns, it also comes with risks that require careful consideration and strategy. Whether you're a beginner or an experienced investor, understanding the basics of how the stock market works can help you make informed decisions and navigate the complexities of investing.

**Article By : Manisha**

**Class : b.com 2 year**

## Online Fraud Prevention Strategies

Online fraud has become a prevalent issue in today's digital age, as cybercriminals constantly develop new techniques to deceive and exploit internet users. With personal data, financial information, and everyday activities shifting online, it's important to take proactive steps to protect yourself from online fraud. Here's an article on how to safeguard yourself from these digital threats.

### 1. Use Strong, Unique Passwords

One of the easiest and most effective ways to protect yourself from online fraud is to use strong, unique passwords for each account. A strong password includes a combination of upper and lower case letters, numbers, and special characters. Avoid using easily guessable information such as your name, birthday, or common phrases. **Best Practices:** Use a password manager to store and generate strong passwords.

### 2. Be Wary of Phishing Scams

Phishing scams are one of the most common methods used by cybercriminals to steal sensitive information. These scams often involve emails, text messages, or phone calls that appear to be from legitimate organizations, such as banks, government agencies, or online stores. **How to Avoid Phishing:** Be cautious when clicking on links in unsolicited emails or messages. Verify the sender's email address or phone number. Look for red flags, such as poor grammar, urgent language, or requests for personal information.

### **3. Keep Your Software and Devices Updated**

Software updates often include security patches that fix vulnerabilities in your operating system, applications, or antivirus software. Failing to update your devices can leave you exposed to cyberattacks and fraud.

#### **What to Do:**

Set your devices to update automatically whenever possible.

Regularly check for updates on your antivirus and other security software to ensure they're up to date.

### **4. Protect Your Personal and Financial Information**

When browsing online, be cautious about the personal and financial information you share. Avoid entering sensitive information on websites that don't have proper security measures in place.

### **5. Use Antivirus and Anti-Malware Software**

Installing reputable antivirus and anti-malware software on your devices can help detect and prevent fraud and cyberattacks. These programs scan for malicious software, such as viruses, spyware, and ransomware, which can compromise your data.

#### **What to Do:**

Ensure your antivirus software is regularly updated and running in the background.

Schedule periodic scans to detect and remove any threats.

### **6. Be Cautious on Social Media**

Cybercriminals often use social media platforms to gather personal information that can be used for fraud or identity theft. Oversharing on social media can put you at risk of being targeted.

#### **Tips for Social Media Safety:**

Avoid sharing sensitive information such as your full birth date, address, or travel plans.

Be wary of unsolicited messages or friend requests, especially from people you don't know.

### **7. Check for Scams Before Making Online Purchases**

Online shopping is a common target for fraudsters. Fraudulent websites may offer products at incredibly low prices to trick you into sharing your financial details or receiving counterfeit goods.

#### **How to Shop Safely:**

Research online stores before making a purchase. Check for reviews or ratings from other customers and ensure the site is reputable.

### **8. Report Fraud Immediately**

If you suspect you've fallen victim to online fraud, take immediate action to minimize the damage. This may involve reporting the incident to your bank or credit card company, changing passwords, or filing a report with relevant authorities.

#### **Steps to Take:**

Contact your bank or financial institution to report any unauthorized transactions or fraud.

File a report with your local law enforcement or national fraud prevention agency, such as the Federal Trade Commission (FTC) in the U.S.

### **Conclusion**

Online fraud is a serious threat, but by following these protective measures, you can reduce the risk of falling victim to cybercriminals. Stay vigilant, keep your personal information secure, and adopt good digital habits to ensure your online safety. Remember, when in doubt, it's better to take extra precautions than to risk exposure to online fraud.

**Article By: Ananya**  
**Class: b.com 3rd year**

## Taxation Reforms 2025

In February 2025, the Indian government introduced significant reforms to its taxation system, aiming to simplify compliance and enhance transparency. The key developments include the presentation of the new Income Tax Bill 2025 and the Union Budget 2025-26.

### Income Tax Bill 2025

Finance Minister Nirmala Sitharaman introduced the Income Tax Bill 2025, intended to replace the Income Tax Act of 1961. This bill seeks to modernize the tax framework by eliminating outdated provisions and simplifying complex language. Notable changes include:

**Simplified Tax Structure:** The bill consolidates the tax code into 23 chapters and 16 schedules, reducing its length from over 800 pages to 622 pages. This restructuring aims to make the tax laws more accessible and understandable.

**Unified Tax Year:** A standardized 'Tax Year' is introduced, replacing the previous dual financial year and assessment year system. This change is expected to streamline tax calculations and compliance.

**Presumptive Taxation Revisions:** The bill introduces the concept of 'Profit claimed to have been actually earned' in computing business income, aiming to provide clearer guidelines for small businesses.

This revision aims to reduce the tax burden on the salaried middle class and stimulate economic growth.

**Tax Deducted at Source (TDS) and Tax Collected at Source (TCS) Rationalization:** The budget proposes increasing the TDS limit on interest for senior citizens from ₹50,000 to ₹1 lakh and raising the annual TDS limit on rent from ₹2.40 lakh to ₹6 lakh. These changes are designed to ease compliance for taxpayers.

**Extension of Time-Limit for Filing Income Tax Returns:** The deadline for filing updated income tax returns has been extended from two years to four years, providing taxpayers with more time to comply.

### Implications for Taxpayers

These reforms are expected to:

**Simplify Compliance:** The streamlined tax code and extended filing deadlines aim to make tax compliance more straightforward for individuals and businesses.

**Enhance Transparency:** Clearer language and a unified tax year are intended to reduce ambiguities and disputes in tax matters.

**Encourage Voluntary Compliance:** By reducing the complexity of tax laws, the government hopes to foster a culture of voluntary tax compliance among citizens.

- Overall, the taxation reforms introduced in 2025 represent a significant step toward modernizing India's tax system, aligning it with global standards, and promoting economic growth through enhanced compliance and transparency.

Article by : Lata karki  
Class : b.com 2 year

# Union Budget 2025-2026

The Union Budget for the fiscal year 2025-2026, presented by Finance Minister Nirmala Sitharaman on February 1, 2025, outlines the Indian government's strategic initiatives to foster inclusive growth, stimulate economic activity, and enhance the well-being of its citizens.

- **Key Highlights:**

- 1. Tax Reforms:**

- **Personal Income Tax:** The budget introduces significant tax relief for the middle class by raising the income tax exemption threshold to ₹12 lakh annually. This adjustment aims to boost household consumption, savings, and investment. For salaried taxpayers, the effective exemption limit increases to ₹12.75 lakh due to a standard deduction of ₹75,000.

Tax Deducted at Source (TDS) and Tax Collected at Source (TCS): The TDS limit on interest for senior citizens has been doubled from ₹ 50,000 to ₹1 lakh, and the annual TDS limit on rent has been increased from ₹2.40 lakh to ₹6 lakh.

- 2. Agricultural Initiatives:**

- **Prime Minister Dhan-Dhaanya Krishi Yojana:** A new scheme to enhance agricultural productivity and farmer welfare.
- **Enhanced Credit through Kisan Credit Cards (KCC):** Facilitating short-term loans of up to ₹5 lakh for 7.7 crore farmers, fishermen, and dairy farmers.

Self-Reliance in Pulses: Launch of a six-year mission focusing on Tur, Urad, and Masoor pulses.

- **Makhana Board in Bihar:** Establishment to promote Makhana cultivation and processing.

- 3. Support for Youth and Employment:**

- **Skill Development:** Investment in world-class skill centers and a center of excellence for AI in education.
- **Employment-Led Development:** Measures to stimulate job creation and support the gig economy.

- 4. Manufacturing and Exports:**

- **'Make in India' Initiative:** Support for domestic manufacturing through various missions to enhance production and exports.
- **Export Promotion:** Incentives for electronics, electric vehicles, and leather goods to boost exports.

- 5. Energy and Environment:**

- **Nuclear Energy Mission:** Aiming for 100 GW of nuclear power capacity by 2047 to meet clean energy targets.

- 6. Fiscal Targets:**

- **Fiscal Deficit:** Targeted at 4.4% of GDP for the fiscal year 2025-26.

The budget reflects the government's commitment to sustainable economic growth, social welfare, and environmental responsibility. By implementing these measures, the government aims to address current economic challenges and lay the foundation for a resilient and inclusive economy.

**Article By : Yashika**  
**Class : b.com 2 year**





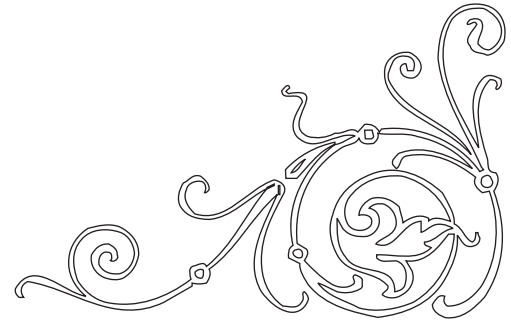


***Parbat Rekha***



***English Section***

**2024-2025**



## EDITORIAL

I am thrilled to present the English section of the College Magazine of Nalagarh College which is packed with informative and entertaining features that I think you all will like. Whether you are looking for inspiration, education or just some light-hearted entertainment, I hope this section of our College Magazine will meet your expectations. As always, we value your feedback and ideas, and we look forward to hearing from you.

Happy Reading...



**Dr. Punam Chauhan,**  
**Editor,**  
**English section.**



## STUDENT EDITORIAL Campus life

Campus life is an essential part of the college experience, offering a unique blend of academic, social, and personal growth opportunities. It's a time for students to explore their interests, build lasting friendships, and develop new skills outside the classroom. Campus life provides enough opportunities for students to meet people from diverse backgrounds, fostering friendships and building a sense of community. Whether through clubs, sports, or events, there's often a strong sense of belonging. Many students find fulfilment in extracurricular activities, which could range from student government to art exhibitions or community service projects. These activities help develop leadership skills, time management, and team work. Campus life isn't just about fun and socializing. It also promotes intellectual growth. Students engage in discussions, attend lectures, and participate in research projects, often creating connections between their studies and real-world experiences. For many, college is a time of self-discovery and maturity. Students are often exposed to new ideas and challenged to think critically, fostering both personal and academic growth. While campus life can be exciting and vibrant, balancing academic responsibilities, social life, and personal health can be challenging. Time management becomes a crucial skill as students navigate the demands of both work and play.



**Shyama**  
**BA-II year**  
**231120004**

## Faith

Religious faith is a deeply personal and complex aspect of human experience. For many, it provides meaning, moral guidance, and a sense of belonging. It can offer comfort in difficult times and inspire acts of compassion and social justice. At the same time, faith can be a source of debate, especially when it intersects with politics, science, or differing belief systems. Some people find strength in organized religion, while others embrace spirituality outside of traditional frameworks. There are also those who approach life from a secular or atheist perspective, seeking purpose through philosophy, humanism, or personal experience. Ultimately, religious faith is a diverse and evolving phenomenon, shaped by history, culture, and individual interpretation.

**Heema**  
**231129004**  
**B.A.Second Year**



## Technology and Innovation

Technology and innovation are the driving forces behind progress in almost every aspect of life. They enhance efficiency, solve complex problems, and create new opportunities. From artificial intelligence to renewable energy, advancements continue to reshape industries, economies, and societies.

However, innovation comes with challenges—ethical concerns, job displacement, and privacy risks. The key is responsible development, ensuring that technology benefits humanity while minimizing consequences. Overall, technology is a powerful tool. Its impact depends on how you use it.

**Muskan**  
**231100002**  
**B.A.Second Year**



## Art and Culture

Art and culture encompass a wide range of human expressions, practices, and creations that reflect the diversity of human experience, history, and imagination. They play a crucial role in shaping societies, preserving traditions, and fostering creativity and innovation. Art includes visual forms like painting, sculpture, photography, and architecture, as well as performance arts like theater, dance, and music. It serves as a medium through which individuals and communities can express emotions, ideas, and stories. Art often acts as a tool for social commentary, a form of personal expression, or simply as a means to inspire. Culture, on the other hand, refers to the shared practices, values, customs, traditions, beliefs, and ways of life of a particular group of people. It encompasses everything from language, religion, and social norms to food, clothing, and rituals. Culture is expressed through art, but also through literature, folklore, festivals, and everyday life.

**Shivani kumari**  
**231120002**  
**BA II year**

## Discipline In Life

Discipline in life is one of the key factors that can shape who we become and how we can change and navigate challenges. It's not just about following rules or routines, it's about creating the foundation for consistent growth. Discipline doesn't mean rigidly adhering to a strict schedule at the cost of joy or creativity. It's about finding balance. A disciplined life should also include moments of relaxation, spontaneity, and joy. Discipline gives us the freedom to enjoy life's pleasures because we know we've earned them through our efforts. Ultimately, discipline in life isn't about perfection, it's about building habits and routines that enable us to live intentionally and meaningfully. It's a powerful tool for mastering our time, our actions, and our emotions. What are your thoughts on discipline in life? Do you find it easy to maintain, or is it something you actively work on?

**Pooja kumari**  
**BA-II year**  
**231129016**



## Students' Views on Study

Students have diverse views on studying, influenced by their learning styles, academic goals, and personal experiences. Many students see studying as the key to achieving good grades, securing a good job, and building a successful future. They prioritize their academics and develop strong study habits. Some students find studying overwhelming due to heavy coursework, difficult subjects, and pressure to perform well. Exams, deadlines, and competition can contribute to stress and anxiety. Not all students enjoy studying. Some find it monotonous, especially if they struggle to stay focused or don't find the subject interesting. They may procrastinate or avoid studying altogether. Many students believe that studying is important, but they also value a balance between academics, social life, and personal well-being. They try to manage their time efficiently to avoid burnout. Students have different approaches to studying—some prefer quiet environments, while others study better with music or in group settings. Some rely on notes and textbooks, while others use digital resources like videos and online courses. Motivation plays a big role in how students view studying. Those with clear goals and interests tend to be more dedicated, while others struggle with motivation, especially in subjects they don't enjoy.

**Preeti**  
**231121012**  
**B.A.Second Year**



## Nature

Nature in all its glory, encompasses the vast landscapes, plants, animals, and ecosystems that shape the world around us. From towering mountains and dense forests to tranquil oceans and vast deserts, nature is a source of wonder and inspiration. But, beyond its beauty, nature plays a major role in sustaining life. Nature is more than just a collection of trees, rivers, and mountains. It is the foundation upon which all life depends. Its beauty and importance extend beyond what we can see with our eyes, influencing our emotions, health, and the very air we breathe. As stewards of the Earth, it is our responsibility to protect and preserve nature for the well-being of all living creatures, now and in the future. The more we respect and cherish nature, the better equipped we will be to face the challenges ahead and ensure a harmonious existence with the natural world.

**Sakshi ghai**  
**Bcom I year**  
**243117067**

## Library

Student views on libraries can vary depending on their personal experiences and the resources available. Many students see libraries as essential for academic success, offering a quiet place for studying, access to textbooks, journals, and research materials. Libraries provide access to physical and digital resources, which students appreciate for research and learning. Some students prefer libraries for their calm, focused atmosphere, which can help improve concentration compared to more social spaces. Libraries often offer computers, printing, and other technological tools that are helpful for students who may not have access to them at home.

Some students find library hours inconvenient, especially during exam periods or for night owls who need to study late. If a library is outdated or doesn't have enough resources (e.g., sufficient study spaces, comfortable seating, or charging stations), students may feel it is not as beneficial. Popular libraries can sometimes get crowded, especially around exam time, making it difficult for students to find a quiet place to study.

Some students use libraries occasionally but prefer to study at home or in other locations, like cafes, for convenience or comfort. Some students may only visit the library for specific purposes, such as accessing books or using particular resources, rather than as a regular study environment. These views can shift depending on factors like the size of the library, the campus culture, and the availability of modern technologies or study spaces.

**Tina Saini**  
**BA II year**



## Health Education

Health education is essential for promoting overall well-being and preventing diseases. It empowers individuals with the knowledge and skills to make informed decisions about their health, from nutrition and exercise to mental well-being and disease prevention. Effective health education can reduce the burden on healthcare systems by encouraging preventive measures and healthy lifestyles. It also plays a crucial role in addressing public health issues such as obesity, substance abuse, and mental health awareness. However, its success depends on accessibility, cultural relevance, and how well it is integrated into schools, workplaces, and communities. Strengthening health education can lead to healthier societies and better quality of life.

**Anjali sharma**  
**BA III year**  
**21310230**



## Views On Raging

Raging or losing one's temper is a strong emotional reaction often triggered by frustration, anger, or stress. It can involve intense emotional outbursts, sometimes leading to harmful consequences. While it's natural to feel angry, allowing rage to control behavior can be destructive to both personal well-being and relationships.

Negative impact: Raging can lead to poor decision-making, hurtful actions, and regrettable consequences. It can damage relationships, create conflict, and even harm one's health due to increased stress and adrenaline levels.

Emotional release: For some, raging may serve as an emotional release or an expression of pent-up feelings. However, this doesn't address the root cause of the anger and may only provide temporary relief.

Control and regulation: The key to managing anger and preventing it from turning into rage is learning to regulate emotions through self-awareness and coping mechanisms such as breathing exercises, mindfulness, or seeking professional help if necessary.

Ultimately, rage is often a response to deeper issues like unmet needs, feeling disrespected, or a sense of powerlessness. Finding healthier ways to process and express emotions is important for maintaining mental and emotional health.

**Shubham Kumar**  
BA II year  
231133101



## Student Life

College life is a unique and exciting experience that brings together a mix of academic challenges, personal growth, and social opportunities. Students typically experience a combination of structured classes, homework, and exams, alongside the freedom to explore their interests, build friendships, and engage in extracurricular activities. College academics can be demanding, with students expected to manage their time effectively to balance coursework, studying, and projects. Classes are often more independent compared to high school, with a focus on critical thinking, research, and collaboration. The social aspect of college is a big part of the experience. Students form friendships through dorms, clubs, sports, or group projects. College events, parties, and gatherings also create opportunities for students to meet people from different backgrounds and build lasting relationships. Many students participate in various clubs, sports teams, or volunteer activities, which can enrich their college experience and help develop leadership, teamwork, and other skills outside the classroom. College often represents a time of personal

transformation. Students gain independence, learn how to manage their own time and responsibilities, and explore new ideas and perspectives. It can be a challenging period as well, but, it is also a time to figure out one's identity, passions, and career path. Colleges are diverse environments, with people from all over the world coming together. This exposure to different cultures, perspectives, and ideas is often a highlight of the college experience, broadening one's worldview. Many students have to learn how to balance academics, work, social life, and self-care. Time management becomes an essential skill to juggle all the demands that come with being a college student.

**Kartik Thakur**  
BA II year  
221103008

## The Rise Of AI

Artificial Intelligence (AI) is no longer just a concept from science fiction. It has become an integral part of our daily lives. Voice assistants like Siri and Alexa to self-driving cars and advanced medical diagnostics, AI is transforming the way we live, work, and interact with the world. But, how exactly is AI shaping our future? AI is undeniably changing our world at an unprecedented pace. While it brings convenience, efficiency, and innovation, it also poses challenges that society must navigate carefully. As AI continues to evolve, embracing it responsibly will be key to ensuring a future where technology and humanity coexist harmoniously. Would you like any modifications or additional details?

**Lata Karki**  
**233117072**  
**B.Com 2nd year.**



## Women Safety and Health

Women's safety and health are deeply interconnected. When women are safe, they are more likely to thrive in various areas of life, including their career, relationships, and personal well-being. A collective effort from governments, communities, healthcare providers, and individuals is needed to create a world, where women are empowered to live free from fear with access to quality health care. Prioritizing mental, physical, and emotional health, along with a focus on safety in every aspect of life, is essential for ensuring that women lead fulfilling, secure, and healthy lives.

**Aryan Verma**  
**22110347**  
**BA I year**



## Pollution

Pollution is one of the biggest threats to the environment and human health. It affects air, water, and soil, leading to climate change, loss of biodiversity, and serious health problems like respiratory diseases and cancer. Human activities, such as industrialization, deforestation, and excessive use of fossil fuels, are the main contributors. Addressing pollution requires a collective effort, including stricter environmental regulations, sustainable practices, and greater public awareness. Renewable energy, waste reduction, and eco-friendly technologies can help mitigate its impact. If not controlled, pollution will continue to harm ecosystems and future generations.

**Tamana Devi**  
**BA-III year**  
**21310121**

## Beauty of love

As springtime's bloom does stir the waking earth,  
So is your grace that paints the world a new;  
Your smile, a tender rain of joyful mirth,  
Which lights the sky in hues of deepest blue.

Like rain that kisses the soil with gentle hands,  
Your touch refreshes all my weary soul;  
In you, the earth, with all its soft demands,  
Finds peace and love that makes the broken whole.

Your eyes, the heavens, vast and full of light,  
Hold starry depths that guides my path each day;  
Your laughter brings the dawn, dispelling night,  
And makes the darkened shadows fade away.

Oh! Love, your beauty blooms as springtime's flow,  
A joy that in my heart shall ever grow.

**Poorav Kumar**  
**231128004**  
**BA II year**

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## Feelings

" My heart beats for you alone,  
In your eyes, my soul finds home.  
With every breath, I'll love you true,  
Forever and always, my heart belongs to you.

Your touch ignites a burning fire,  
Melting my fears, and soothing my desire.  
With every kiss, my love for you grows,  
In your arms, is where I want to go.

You're the sunshine that brightens my day,  
The calm in every stormy way.  
You're the missing piece that makes me whole,  
With you, my love, I am never alone.

So let me hold you close and tight,  
And cherish every moment, day and night.  
I love you more with every passing day,  
Forever and always, in every way."

**Vansh Pundir**  
**231151001**  
**BA II year**

## Experience of school

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

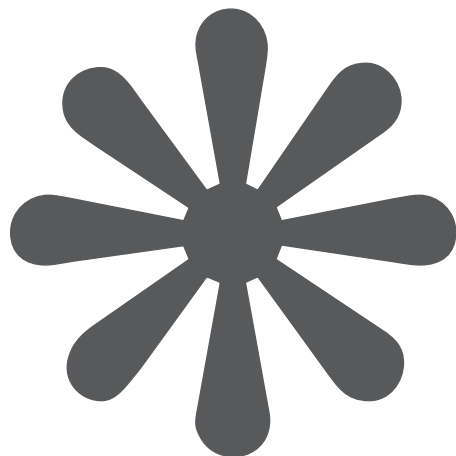
Homework piles high, exams loom near,  
I yearn for a moment, a pause, a tear .  
In the whirlwind of book and strife,  
I wonder am I tired of my life?

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

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

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

**Adarsh Patel**  
**B.A II Year**  
**231133099**



## The Road Not Taken

Two roads diverged in a yellow wood,  
And sorry I could not travel both,  
And be a one traveler, long as I stood,  
And looked down one as far as I could,  
To where it bent in the undergrowth;

Then took the other, as just as fair,  
And having perhaps a better claim,  
Because it was grassy and wanted wear;  
Though as for that the passing there  
Had worn them really about the same,

And both that morning equally lay  
In leaves no step had trodden back.  
Oh! I kept the first for another day!  
Yet knowing how way leads on to way,  
I doubted if I should ever come back.

I shall be telling this with a sigh,  
Somewhere ages and ages hence :  
Two roads diverged in a wood, and I -  
I took the one less traveled by,  
And that has made all the difference.

(This poem is written by Robert Frost and  
compiled by) :

**Harshdeep kaur**  
**BA II year**  
**231120003**



## UP HILL

Does the road wind up-hill all the way?  
Yes, to the very end.  
Will the day's journey take the whole long  
day?  
From morning to night, my friend

But, is there a night resting - place?  
A roof when the slow dark hours begin.  
May not the darkness hide it from my  
face?  
You cannot miss that inn.

Shall I meet other wayfarers at night ?  
Those who have gone before.  
Then must I knock, or call when just in  
sight?  
They will not keep you standing at that  
door.

Shall I find comfort, travel-sore and  
weakness?  
Of labour you shall find the sum.  
Will there be beds for me and all who  
seek?  
Yea, beds for all who come.  
This poem is written by Chirstiana  
Rossetti and compiled by

**Dishant**  
**BA-II year**  
**22110098**

## The Art Of Imagination

Imagination, the art of picturing the world in our own way, can also be defined as day dreaming. It is not only creative but also fascinating. Although, the word 'daydreaming' may sound inappropriate but it is someone's imagination. Imagination is indeed an art that can be expressed without a pen or pencil. The main difference between imagination and real art is that anyone can see the real art but, the art which you imagine in your mind is restricted to you until you explain it to someone. Everyone has this art, but, the difference lies in how effectively someone utilizes it and whether someone recognises its importance. In ancient times, only philosophers and some wise individuals recognised its importance. That's why their philosophy was not much liked by people.

The philosophers tried to convey the importance of imagination to the world in their philosophies, but, either they had been killed by a tyrant or by people of a particular ideology.

Undoubtedly, imagination is very fascinating and exciting. In addition, it also exercises our brain. It has the power to make our mood happy, just imagine the joyful, exciting moments of your past whenever you feel sad or lonely. This art is used by most of the students either to do calculations or to imagine how their models will look like. But, this art is widely used in a particular situation. For a moment, suppose you are in the exam hall and solving your

question paper and got stuck on one question. Didn't you try to remember that question or concept page, that is the picture of that topic comes into your mind? You can tell whether that concept is written on the left side or right side page of an open book. Then you try to remember the lines of the concept. All this is nothing but your imagination. You are remembering what you have read and picturing that in your mind. Many great Mathematicians do their lengthy calculations in their mind that utilize their imagination power. Imagination is indeed a fascinating thing, but it is good to do imagination only up to some extent.

You cannot achieve anything just by visualizing it. Also, the word daydreaming in the above mentioned definition doesn't mean that you are sitting somewhere and visualizing the world in your own way. But, it means that you can predict what may happen in the future by picturing it in your mind. At last, imagination is an art of mind which all depends upon how our mind wants to picture the world and if it is utilized effectively our learning methods can be really enhanced.

**Harman Kapoor**  
**Bsc (NM)I-year**

## **NEW LAWS IN INDIA**

### **New Indian Laws: Transforming the Legal and Tax System**

India has recently introduced significant legal and tax reforms, replacing outdated laws to modernize the judicial system and taxation policies. These changes aim to enhance efficiency, ensure justice, and simplify tax compliance. This article explores the key reforms introduced in 2024 and 2025.

#### **Overhaul of Criminal Laws**

On July 1, 2024, India implemented three major criminal laws, replacing British-era statutes. These reforms are designed to address modern challenges, enhance judicial efficiency, and provide better protection to citizens.

**1. Bharatiya Nyaya Sanhita (BNS) Replacing the Indian Penal Code (IPC) of 1860, the BNS introduces 20 new offenses, removes outdated provisions, increases imprisonment terms for various crimes, and enhances penalties. It addresses modern issues like organized crime, terrorism, and cybercrimes, while also replacing the sedition law with a provision ensuring national security.**

#### **2. Bharatiya Nagarik Suraksha Sanhita (BNSS)**

The BNSS replaces the Code of Criminal Procedure (CrPC) of 1898, streamlining criminal procedures for quicker justice. The new law focuses on efficiency, improving case resolution time lines, and reducing backlogs in courts.

#### **3. Bharatiya Sakshya Adhiniyam (BSA)**

Replacing the Indian Evidence Act of 1872, the BSA modernizes evidence laws, incorporating digital evidence and forensic advancements to enhance the judicial process.

#### **Introduction of the Income Tax Bill 2025**

To simplify India's tax system, the government is introducing the Income Tax Bill 2025, which will replace the complex Income Tax Act of 1961. The new bill aims to reduce litigation, clarify tax laws, and encourage compliance.

The new tax code is expected to condense tax laws from over 800 pages to 622 pages by eliminating obsolete provisions, making tax regulations more accessible and transparent.

#### **Conclusion**

These legal and tax reforms signify India's commitment to modernization. The criminal law overhaul ensures a justice-oriented approach, while the new tax law simplifies compliance. These changes are expected to improve governance, reduce legal disputes, and enhance India's legal framework in line with global standards.

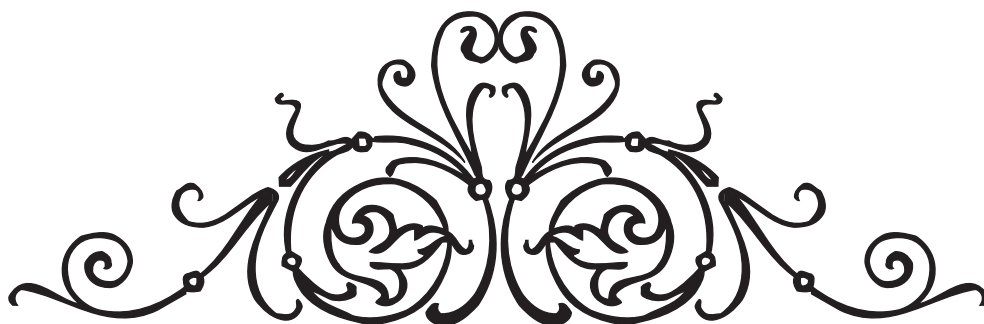


***Parbat Rekha***



***Science Section***

**2024-2025**





## EDITORIAL

The role of institution is very crucial in nurturing the skills and talent of students. The magazine is a platform to exhibit the literary skills and innovative ideas of students. Our students have also made their endeavors to give wings to their imagination. Some of them have even tried to persuade their readers by their pure logic. The most potent weapon of a writer is his/her critical thinking so this college magazine "**Parbat Rekha**" provides our students a platform to hone their critical thinking. Some of our student contributors aspire to be creative writers and journalists. It requires courage to ink your thoughts initially, so, as readers it becomes our moral duty to motivate these budding writers and poets. It gives us an immense pleasure to bring you this issue of the college magazine "**Parbat Rekha**" for 2024-25.

I am thankful to our worthy Principal **Dr. Sapna Sanjay Pandit** for giving me the opportunity to be the Teacher Editor of the Science section of "**Parbat Rekha**". I am thankful to Chief Editor **Dr. Shipra Sood** for giving support and encouragement and my blessings to **Janvi** of BSc.III (medical) for her efforts in editing the Science section as Student Editor. Thanks are also due to all the students who have sent their articles. I am sure that the pages that follow will surely gain accolades of readers.

**Harvinder Singh,**  
Staff editor (Science Section)



## STUDENT EDITOR

Dear readers ,

I am incredibly grateful for the opportunities to serve as a student editorial of science section for our college magazine "Parbat Rekha" . This role not only allows me to showcase my passion for the technology but also gives me the chance to work with like-minded individuals who are dedicated to the field . I am excited to share my knowledge and ideas with the readers and contribute to the growth and success of the magazine . I want to extend my sincere thanks to the students who contributed their ideas and topics for the magazine. Your support and creativity have been instrumental in making this section of magazine engaging and informative . Thank you for believing and giving me this chance to grow and develop as a writer.

**Janvi**  
Student Editor Science section  
BSc. III (medical)



## Revolutionary Cancer Diagnosis: A Game - Changing Innovation

The most heartbreaking words a doctor can say are, "If only we had caught it sooner ", Thanks to this pioneering technology those words might soon become a thing of the past.

**Cancer** is a disease in which abnormal cells divide uncontrollably and destroy body tissue. But, there's no clear-cut treatment or technology to detect the early stages of cancer. However, due the efforts of Dr. Narayana Subramaniam, a head and neck surgical oncologist and Hardik Pandya, an Engineer - Scientist from IIS - have introduced a portable device capable of detecting cancer in just 2 mins.

### **How does this device work?**

**1) Cell Imaging:** - The device scans cells taken from a patient's body, often from easily accessible areas like mouth for oral cancer detection.

**2) AI- Powered Analysis:** - The scanned images are processed through AI- based algorithm designed to differentiate b/w normal cells and abnormal cells with high accuracy.

**3) Remote Access Capability:** - The device digitalize image locally, which can be transmitted over the internet for expert analysis when required, making it highly suitable for use in remote areas.

What makes this innovation truly remarkable is its potential to overcome the financial barriers in cancer diagnosis. Traditional cancer scanners can cost over ₹1 crore, whereas this new device costs just 1/10th of that price. Its portability allows it to be taken to even the most remote locations, providing lifesaving diagnostic capabilities to communities that have long been neglected by mainstream healthcare systems.

### **Benefits:-**

- 1) Affordable
- 2) The device is portable and can be taken to remote areas.
- 3) This device is used to screen for oral, cervical and breast cancer.
- 4) The device helps to improve survival rates and reduce treatment costs.



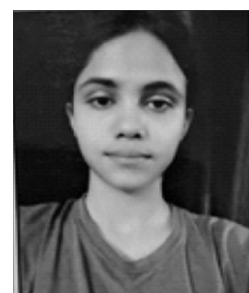
**Janvi**  
**BSc. III (medical)**

## The Medicine of You: How Personalized Medicine is Revolutionizing Healthcare

Imagine, taking a pill that's tailored specifically to your body's unique need. Sounds like science fiction, right? But thanks to personalized medicine, this is fast becoming a reality. Personalized medicine is an approach to health care that's centered on you, your gene, your lifestyle, and your unique health profile. It's a radical departure from the one-size-fits-all approach of traditional medicine, where everyone with a particular condition gets the same treatment.

Doctor uses genetic testing and data analysis to identify underlying causes of illness and create customized treatment plans. This approach is more effective, and has fewer side effects. Personalized medicine is revolutionary healthcare. It's showing promise in targeted cancer treatment and customized medications.

"The future looks brighter, with possibilities including predicting and preventing diseases."



**Shreya Mishra**  
**BSc. I (medical)**

## The Bermuda Triangle

Also called as the Devil's Triangle, is a region in the western part of the North Atlantic Ocean, where various aircrafts and ships are said to have mysteriously disappeared. The Bermuda triangle has a mystery of many years with reports of strange occurrences and unexplained disappearances dating back to the 15<sup>th</sup> century. The first reported incidence was in 1492, when Christopher Columbus's crew reported seeing strange lights and compass readings while sailing through the area. Some of the other famous incidences are:



- In 1945, five US Navy TBM Avengers torpedo bombers on a training mission disappeared while flying over the Bermuda Triangle.
- In 1918, a US Navy collier (a ship that carried coal) disappeared while traveling through it.
- In 2015, a private MU-2B aircraft vanished from the radar while flying over the sea area, and despite expensive search, no wreckage was found until later.
- Also in 2015, two 14- year-old boys, Austin Stephanos and Perry Cohens, went on a fishing trip in their 19-foot boat and were never seen again, although the boat was found a year later off the coast of Bermuda triangle.

In conclusion, the Bermuda triangle is a region with a rich history of mystery and intrigue as various scientific theories are also present about it like some researchers believes that methane gas bubbles rising from the seafloor could cause the ships to sink, some thinks it's because of the magnetic anomalies near it. But till the end it's still a mystery why those ships and boats and peoples actually disappeared and maybe we will never know.

**Palak**  
**BSc. II (medical)**



## Novel Nanoparticles for Rice Crop Protection.

IIT Kanpur and ICAR Hyderabad developed Novel Nanoparticles for disease and protection of the rice crop. The Nano particles (Bio Degradable Carbonoid Metabolite) are protective biological alternative of certain microbial metabolites that can be used to enhance crop protection against various diseases in agriculture fields. This nano-bio- pesticide is developed by IIT Kanpur and ICAR Hyderabad to produce biodegradable nanopartical system of the secondary metabolite from the fungus *Trichoderma asperellum* strain TAIK1. The preparation protocol of BioDCM - NPs is novel and found to be effective against bacteria *Xanthomonas oryzae* pv. *Oryzae* (A bacteria whose major host is rice).

This extracted metabolite can be used as an effective organic anti-microbial agent and carbonaceous degradable ability encompass to provide protection against crop diseases and enrichment of soil, respectively.



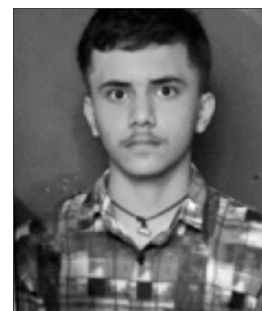
**Tamanna**  
**BSc. III (medical)**

## "A WORLD WITHOUT SCIENCE"

Let us deep dive into a world without science. Just imagine, we wake up in a world where sun rises and sets, but nobody understands why? A world where diseases remain incurable, where people rely on myths instead of medicine, and where technology never existed. Infinite miracles of science are around us, but we often take it for granted. Look at the page you are reading this article. Is it science or not? Think about the subjects we read. Do they even exist? Even history is incomplete without carbon dating, which is again science.

Without scientific discoveries, we all left in the shadows of ignorance. We, the *Homo sapiens*, came a long way from stone-age to era of AI. From knowing about the quarks to deal with the satellites. From busting the superstition and knowing about the truth. From fire to electricity, from wheel to space travel all thanks to science. The ability to fly, understanding the universe, science made it possible. From depth of ocean to the highs of space, science has taken us where imagination once dreamed. None of this would exist in a parallel world where science does not exist. Innovation left this world. Discovery \_What is it? Modern medicine usage, even medicine, would be a miracle. In this world, we the *Homo sapiens* are just a body without brain. Because we cannot understand our Mother Nature without science. In this world, Earth remains flat, the skies remain unreachable, and life remains a mystery. A world without science would be a world without hope, where ignorance rules and wonders of the universe remain out of reach forever.

At the end, just remember, our life is all based on science or we can say, our life is itself a science. Oh! Wake up to reality, Science exists and let us all admire the existence of science in our lives.



**Divyanshu Sharma**  
**BSc. I (Non-medical)**



## PCM: "THE TRIO OF UNIVERSE"

Physics, Chemistry and Maths (PCM) are like siblings who always stay together.

Maths is the language of the universe, while physics is the logic of universe and chemistry is the Beauty of the universe. In simple words math defines, physics explains and chemistry transforms.

Math is the smartest, always working with numbers and solving problems. Physics needs math to explain how things move, and why apples fall from trees. Without math, physics will not be able to prove anything. Chemistry also needs math frequently. It uses math to measure things, balance equations, and understand reactions, but it likes mixing things more than doing calculations.

Physics is the one who asks a lot of questions. It always wants to know why things happen. Newton used math to explain gravity, and Einstein used it to talk about space and time. We can say math is the elder brother who defines and physics is the younger that discovers and chemistry is their sister creating beauty from their rules. But physics and chemistry sometimes fight. Physics says, "Energy should always stay the same!" but chemistry says, "Not always! Sometimes it spreads everywhere." *i.e.* Entropy.

Chemistry is the most creative one. It loves to mix things and make new stuff. Chemistry needs math to measure how much of each thing to mix. And it needs Physics to explain why atoms stick together or why fire burns.

In the end, math, physics, and chemistry always help each other. Math gives the tools, physics finds the rules, and chemistry makes everything exciting.

And this trio helps us to explore the universe.

**Divyanshu sharma**  
**BSc. I (Non-medical)**

## Telomeres: the Ticking Clock of Aging

Aging- A complex and mysterious process has long been a subject of fascination and inquiry and recent research has uncovered the secrets of critical factor-Telomeres.

Telomeres are the repetitive DNA sequences (TTAGGG) that protect the chromosomes from breakdown and fusion. These are the protective caps on the ends of chromosomes. Telomere is a primary factor of cellular senescence and the aging of organisms and preventing the chromosomes from fraying and sticking together. Telomeres are the longest in embryonic cells and gradually shorten as cells divide and age. Telomeres are composed of Telomeric DNA, Telomere-binding proteins like (TRF1, TFR2 and POT1) and Telomerase enzyme.

"Telomere length is considered a Biomarker of Aging"

The theory proposed that the shortening of telomeres is major contributor to cellular aging. As telomere gets shorten, cells enter in state of senescence or apoptosis. It leads to tissue dysfunction, leading to age related diseases. After every cycle of cell division the ends of telomeres gets shortened. It is a natural process but it is also influenced by lifestyle choices and intervention. Those people take balanced diet, regularly exercise, meditation can be slow down or maintaining the shortening of telomeres. Those have poor diet, stress, chronic diseases, obesity and smoking can be accelerating the shortening of telomere which results in the early aging.

In the end, the Telomere Theory of aging provides a compact explanation for the biological clock that governs our lifespan, and its implications for aging research and interventions are meaningful.



**Chandni Thakur**  
**BSc. III (medical)**



## The Noble Prize in Physiology and Medicine- 2024

The Noble prize in physiology and medicine is awarded yearly by the Noble Assembly at Karolinska Institute Stockholm, Sweden. The most recent Nobel Prize was announced by the Karolinska Institute on 7 October 2024, and has been awarded to Americans- Victor Ambros and Gary Ruvkun, for their discovery of microRNA and its role in post-transcriptional gene regulation.

Victor Ambros and Gary Ruvkun were interested in how different cell types develop. They discovered microRNA, a new class of tiny RNA molecules that play a crucial role in gene regulation. It is known that the human genome codes for over one thousand microRNAs. Their surprising discovery revealed an entirely new dimension to gene regulation. microRNA is proving to be fundamentally important for how organisms develop and function.

This year's Nobel Prize focuses on the discovery of vital regulatory mechanism used in cells to control gene activity. Genetic information flows from DNA to messenger RNA (mRNA), via a process called transcription, and then on to the cellular machinery for protein production. There, mRNAs are translated so protein is made according to the genetic instructions stored in DNA.

In the 1960s, it was shown that specialized proteins, known as transcription factors, can bind to specific regions in DNA and control the flow of genetic information by determining which mRNAs are produced. Since then, thousands of transcription factors have been identified, and for a time it was believed that the main principles of gene regulation had been solved. However, in 1993, this year's Nobel laureates published unexpected findings describing a new level of gene regulation, which turned out to be highly significant and conserved throughout evolution.



**Sonia**  
**BSc. III (medical)**



## CHANDRAYAANS

**CHANDRAYAAN-I:** Chandrayaan-I, is India's first mission to the moon, was successfully launched on October 22, 2008 from Satish Dhawan Space centre, Sriharikota. It's played a crucial role in the discovery of water molecule on the moon. The probably reason of the end of the mission was power supply failure due to overheating. Last contact with Chandrayaan-I was on August 28, 2009.

**CHANDRAYAAN-II:** Chandrayaan-II, is the second lunar exploration mission by the ISRO after Chandrayaan-I. The spacecraft was launched on 22 July, 2019 from Satish Dhawan Space Centre. It consists of a lunar orbiter and included the Vikram lander and Pragyan Rover. On 6 September, 2019. The Vikram lander crashed during the final stage of its soft landing on the lunar surface.

**CHANDRAYAAN-III:** Chandrayaan-III, is the third mission of the Chandrayaan programme. It is also lunar exploration mission. It was launched from Satish Dhawan Space Center on 14 July, 2023. It was successfully landed on the lunar surface at 6:04 pm on 23 August, 2023. India become the first country to successfully land on the south pole of the moon. Chandrayaan-III, Vikram Lander and Pragyan rover revealed the presence of oxygen on the moon.



**Chandarama**  
**BSc. I (medical)**



## Can We Freeze The Light?

It sounds so cool. Yes, of course we can freeze the light but not in the way, you are thinking. Rather it is possible in scientific way. Scientists 'freeze light'. Italian researchers have pulled off a scientific worthy stunt of freezing light. No, they did not get it to behave in a way never seen before.

For the first time ever in March 2025, scientists convert light into a supersolid. Scientists have created a supersolid using light for the first time, combining solid structure with superfluid properties in a quantum breakthrough.

This achievement led by researchers and by 'Antonio Gianfate' from 'CNR Nanotec' and 'Davide Nigro' from university of Pavia in Italy, opens new avenues for studying an exotic phase of matter that combines the properties of both solids and superfluids. In a breakthrough, Italian researchers have successfully made frozen light, demonstrating that it can behave as a supersolid- a rare state of matter that exhibits both solid like structure and frictionless flow.

This discovery has far reaching implications for quantum technology. Supersolid light could play a crucial role in developing more stable quantum bits, which are essential for the advancement of quantum computing. Beyond computing the ability to manipulate light in this way could revolutionize optical devices, photonic circuits and even fundamental quantum mechanics research.



**Tamanna Pal,**  
**BSc. I (Non-medical)**



## All about Science

Science plays an important role in our daily life. It has made our life easier and comfortable. Science is nothing but a systematic way of knowledge and living. A system of knowledge about the physical chemical and biological universe and the things that occur in it is called as science. Science had a significant impact on society and the world around us. It has provided us with countless benefits such as advances in technology and medicines. It is an objective observation that explains the basic rules of nature. All the luxuries that we are able to afford are the result of science and technology. Most importantly, how can we do all in a short span of time is because of the advances of science and Technology. Though science has made our life comfortable, but science is not without its abuses. It has given us the power of a devil. Now we have destructive weapons like, atom bombs and hydrogen bombs. Death races, nitrogen bombs and nuclear weapons that can wipe out humanity from the world



**Boibhavi Mohapatra**  
**BSc. I (medical)**



## "NASA Scientist Stay at Space"

**NASA** astronaut Sunita Williams and Butch Wilmore spent an extended nine months in space on the International Space Station. Initially planned as an 8-day mission stretched to nearly nine months due to technical issues.

**Return to Earth:** Sunita Williams and Butch Wilmore returned to Earth on March 19, 2025, after their extended stay. Upon returning to Earth, Sunita Williams will undergo a 45-day rehabilitation program to readjust to Earth's gravity.

**Total time in space:** Sunita Williams has spent a total of 675 days in orbit across multiple missions, holding the NASA record for the most cumulative days in space.

**Previous Missions:** Sunita Williams had a previous mission in 2006-2007, where she spent 196 days in space, and another in 2012, where she spent 127 days in space



**Sonali Sharma**  
**BSc. III (medical)**



## Science

Everything works, because of science.  
Even your old, kitchen appliances.  
What about your mom's car?  
Without science, it wouldn't go far.  
With science we could make, a computer or a phone,  
If you want a twin, just ask for a clone.  
Without science, your very existence is nothing.  
Science will explain, nature and trees,  
It's also used, to find cure for diseases.  
Science is cool, the evidence is clear,  
It's so much fun, enjoy it my dear.



**Anjana**  
**BSc. I (medical)**

## NASA's Artemis I Mission: A Giant Leap for Lunar

Exploration NASA's Artemis I Mission marks a new era of space exploration, as it aims to return humans to the Moon for the first time since the Apollo missions. Launched in November 2022, Artemis I is an uncrewed mission designed to test NASA's new Space Launch System (SLS) rocket and the Orion spacecraft, which will carry astronauts on future lunar missions. This mission lays the groundwork for NASA's goal of landing the first woman and the next man on the Moon by 2025.

Artemis I's primary objective was to send the Orion spacecraft on a 25.5-day journey around the Moon and back to Earth. The mission was a major step toward proving the performance of critical systems needed for crewed spaceflights to the Moon. It also tested the spacecraft's heat shield, which is designed to protect astronauts as they re-enter Earth's atmosphere at high speeds. The successful completion of Artemis I is essential for achieving NASA's broader lunar exploration goals. Artemis I serves as a precursor to Artemis II, the first crewed mission of the Artemis program, which will orbit the Moon. The ultimate aim of the Artemis program is to establish a sustainable human presence on the Moon by the end of the decade, with plans for a lunar gateway, lunar surface habitats, and long-term scientific research.

### Future Artemis Missions:

**Artemis II:** A crewed flight beyond the Moon, taking humans farther than they've ever traveled in space.

**Artemis III:** The first crewed Moon landing mission since Apollo 17 in 1972, aiming to land humans at the lunar south pole.



Arjun

248102003

Msc 2nd sem

विज्ञान है एक वरदान

विज्ञान वरदान है

मनुष्य की सबसे बड़ी पहचान है

हाँ भाई ये विज्ञान है।

“टेलीफोन से करें आज मिनटों में बात”

अलेक्जेंडर, ग्राहम बेल ने कहि यह बात

“बल्ब ने भगाया ये अंधेरा”

थॉमस अल्वा एडिसन ने उगाया यह सवेरा।

विज्ञान ही है वह वरदान

जिसने करा मानव जीवन का सुधार

हाँ, यह वही विज्ञान है।

जिसने आपको संभाल दिया है

शक्ति और साधन प्रदान किया है।

जीवन को जो आसान बनाता

नियमों की जो दौड़ लगाकर

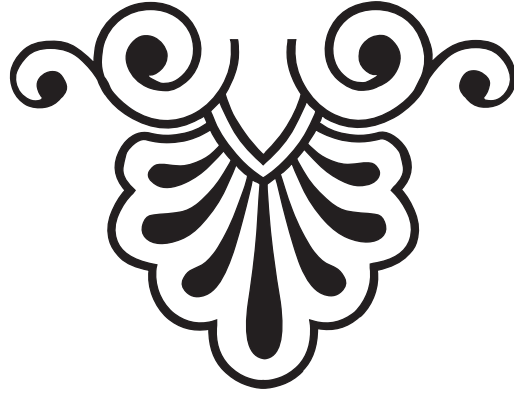
करता है नए-नए आविष्कार

यह कोई और नहीं बैया.....

इसके पीछे छिपा है विज्ञान

रोल नं. :-2241850019

बीएसी प्रथम (म)

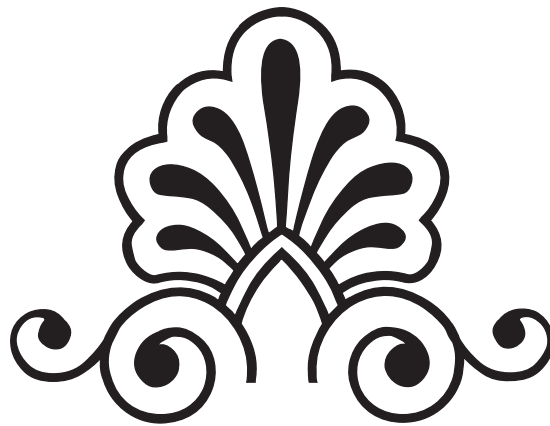


ਪਰਵਤ ਰੇਖਾ



ਪਹਾਡੀ ਅਨੁਭਾਗ

2024-25



## प्राध्यापक संपादक

प्यारे दोस्तो,

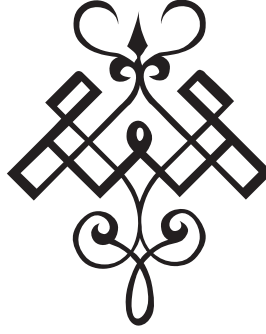
मिजों इस साल राजकीय स्नाकोत्तर महाविद्यालय नालागढ़ री वार्षिक पत्रिका पर्वत रेखा पहाड़ी अनुभाग लई संपादक बणने रा मौका मिलेया। पहाड़ी अनुभाग जो पढ़ने वालेया सभी पाठक वर्ग जो मेरा नमस्कार।

‘पर्वत रेखा’ रे ‘पहाड़ी अनुभाग’ विचो कॉलेजों रे मुनियां भाऊआं ने बड़ी-चड़ी के पाग लेणे री कोशिश किती। बच्चयो रा आपणी करेलू भाषा रे विचो इतना प्रेम देखी के हाँऊ एस नतीजे परो पूजी, पई हर छात्र जो आपणीया भाषा विचो आपणे आपू जो प्रकट करने रा शौक हुंआ। एस वज़ह ते सारा पहाड़ी अनुभाग तरक्की करूआं। तेबे ई तो कॉलेजों रे मुनिया पाऊआं रे दिलों जे प्रिंसीपल साहिबा ने घर करी लऊरा।

मैं तुसा सभी जो ऐई स्नेहा देना चाऊई कि तरक्की करदे रेणा होर विनम्र रेणा। जे आसे आत्म विश्वास और कठिन परिश्रम करें तां हर काम जो करी सकुंए। मिंजो मेद ई पई एस अनुभाग जो पढ़ी तुसा सभी रे दिल खुश हुई जाणे होर छात्र लेखका रा भी हौंसला बढ़ना।



अन्वला  
लोक प्रशासन विभाग

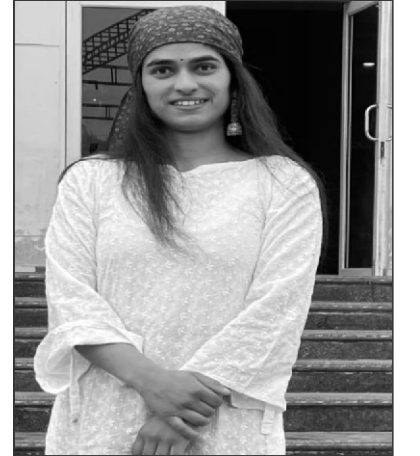


## छात्रा संपादिका

प्यारे दोस्तो,

राजकीय स्नाकोत्तर महाविद्यालय नालागढ़ री वार्षिक पत्रिका पर्वत रेखा रे पहाड़ी अनुभाग जो पढ़ने वालेया सभी पाठक वर्ग जो मेरा प्यार भरा नमस्कार। मैं पहाड़ी विभाग री सम्पादिका प्रेरणा तुसां रा वार्षिक पत्रिका ‘पर्वत रेखा’ चे स्वागत करूई। हाऊं सभी प्राध्यापक वर्गा री बहुत-बहुत आभारी ए। पई तिनाने मिंजो पहाड़ी विभागा री सम्पादक बणने रा मौकां दितया।

दोस्तो पहाड़ी म्हारी घरेलू भाषा ई। आसा बचपन ते ऐई भाषा बोली और कन्ने पढ़ी-लिखी और सीखीदे। पर पहाड़ी भाषा सिखणे री खातिर ए पहाड़ी अनुभाग बौत ही बढियां साधन आं। आसां ते बाद भी आपणे वाले पाठका ने आसां री कन्ने विचार इन पहाड़ी अनुभाग ते जाणी सकुंए।



हाऊं तुसा जो ही बोलणा चाऊई कि तुसे हमेशामेहनत करदे रेणा कंऊकि दुनिया रा सबसे बड़ा गैणा तुसा री अपनी मेहनत ही।

हर कामयाबी पे आपका नाम होगा,  
आपके हर कदम पर दुनिया का सलाम होगा,  
मुश्किलों का सामना हिम्मत से करना मेरे दोस्त,  
दुआ है कि एक दिन वक्त भी आपका गुलाम होगा।

प्रेरणा ठाकुर  
बी.ए तृतीय वर्ष

## विश्वास

विश्वास एक छोटा जा अक्षर आ जेजो पढ़ने जो तो एक सैकेंड लगुआं पर जे ऐसे जो सोचो तो मिनटों लागी जाऊए, समझों तो दिन भी लागी जाऊआ, होर साबित करने जो साल भी लागी सकुआँ ।

विश्वास रा मतलब ऐ भईया कि तूसे सभी ऊपरो आयी बंद करीके परोसा कर लो बल्कि विश्वासों खातर एक सई व्यक्ति रा चूना जरूरी हुआ। नहीं तो कई बार तोखा भी मिली जाऊआं । विश्वास तो ऐसी चिज़ ई, जेजो तोड़ों तो से पैला जेड़ा रूप नी लेई सकदा ।

विश्वास पान्दे एक कहावत भी हाई, सुणो ज़रा तूसे..... ‘रहिमन धागा प्रेम का, मत तोड़ो चटकाय टूटे पे फिर ना जुरे, जुरे पर गाँठ परी जाए’ इजिरा मतलब आ कि-विश्वास कच्चे तागे री तरह हुआ, जो एक बार टूट जाणे पर दोबारा कदी भी जुड़दा, अगर जुड़ी भी जाऊआँ, तेबे भी तीचे गाँठ तो रई जाऊई ।

दोस्तों..... इजी ते आसोंजों ऐई सीख मिलोई कि आसोंजों विश्वास रे तागे जो कदी भी नी तोड़ना चाहिए ।

अँकुश  
बी. ए. दूजा साल

### नवा जमाना

नवां आईरा जमाना आजकले नवा आईरा जमाना  
बाबे जो बोलया हैड, हारे अम्मा जो बोलया मन ।  
नवां आईरा जमाना आज कले नवा आईरा जमाना  
कोई चाए अपना हो या बेगाना, पर तिसो  
अंकल ही देना बनाई ।  
दूर तें करें ऐ हाथ, हाथ देगा मलार्द ।  
नवा आईरा जमाना आजकले नवा आईरा जमाना,  
चाहे हर साल पास नी होगा अंग्रेजी विच,  
पर ताणा वाणा देना अंग्रेजी रा लगाई ।  
जिसे देखा से कलेजा बनी कने हीरो,  
कने ता जे रजल्ट आवं ता आऊयी जीरो ।  
नवां आईरा जमाना अजकले नवां आईरा जमाना ।।

अँकुश  
बी. एस. सी. दूजा साल

### सुविचार

ईयां ना कमाओ कि पाप बढ़ी जाओ ।  
ईयां ना खर्चो कि कर्ज हुई जाओ ।  
ईयां ना खाओ कि मार्ज हुई जाओ ।  
ईयां ना बोलो कि क्लेस हुई जाओ ।  
ईयां ना चलो कि देर हुई जाओ ।  
ईयां ना सोचो कि चिन्ता हुई जाओ ।

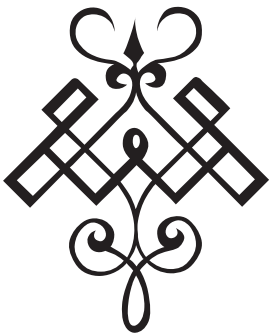
रविकांत  
बी. ए. पहला साल

### तू कोशिश कर

तू कोशिश कर, हल निकलना,  
आज नहीं तो, कल निकलना ।  
अर्जुन जो तू तीर-जा सध,  
मरुस्थल ते भी पाणी निकलना ।।  
मेहनत कर, डाली जो पाणी दे,  
उज़ड़ जमीन ते भी फल निकलना ।।  
ताकत जुटा, मनो जो आग दे,  
फौलाद रा भी बल निकलना ।।  
जिऊंदा राख दिलों चे उम्मीदा जो,  
गरल रे संमंदर ते भी गंगाजल निकलना ।।  
तू कोशिश जारी राख, कुछ कर गुजरने री,  
जो अवे थमुरा, से काल चल निकलना ।।

तू कोशिश कर, हल निकलना,  
आज नहीं तो, कल निकलना ।।

साक्षी ठाकुर  
बी. ए. तीजा वर्ष



### ‘अलविदा’

साथियों समां वी बडा फर एहुवां  
मिलदा प्यार कन्ने रोन्देया विछोड़ी देन्दा

पता था इकदिन ए कॉलेजा छोड़ना आसां,  
रि भी इस जो अपना अपना गलादे थे असां ।

शिक्षा इत्थु ग्रहण कीती कड़ी खुशियां कने असां,  
सभालो दोस्तो हुण ते र कॉलेजा ऐ तुहाडा ।

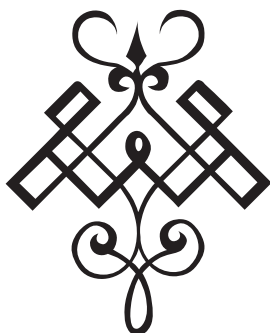
जिंदगी दी खुशी दा हिस्सा कॉलेजा विच असां बिताया  
पतानी हुण किथ-किथ जाणा, समया दा केदी पोणा कू  
रहो दोस्ता खुश कॉलेज जो छाड़ी चली आसी ।

कल्पना ठाकुर  
बी. ए. दूजा साल

### बेटियां

ओसां री एक बूंद री तरह हुई बेटियां,  
स्परा खुरपंरा हो टेबे खउई बेटियां,  
रोशन करुआ बेटा एक कुलो जो,  
दो-दो कुला रे ताज जो ढोउई बेटियां,  
कोई नीआं दोस्त एक दूजे रा,  
यदी बेटा हिरा है, ता बेटियां सच्चा मोती,  
हीरा खतिर फूल बोउ बेटियां,  
विधि रा विधान धन्य ये दुनिया री रस्म,  
मुठिया च पाणी री तरह होउं बेटियां ।।

परविन्द्र कुमार  
बी. ए. दूजा साल



### आसा रा हिमाचल

छोटा जेया हिमाचल आसारा, सारी दुनियां ते न्यारा ।

जड़िया कने बुटियां ने पर्वत घेरे,  
भेडा-बकरियां ते गदियां दे ने डेरे ।

सतलुज-ब्यास दियां निर्मल धारा,  
आसा रा हिमाचल दुनियां ते न्यारा ।

ऊंचे-ऊंचे पर्वत बर्फा ने घेरे,  
ठण्डिया हवेलिया ने चार चफेरे ।

गलियां कने पुछ वाडिया रा नजारा,  
आसा रा हिमाचल दुनियां ते न्यारा ।

चीला रे जंगल, आलुआं रीयां फसला,  
चारो पासे मोरा कने चकोरा ।

जोगिद्रनगरा रीया बिजलियां रा नजारा,  
आसा रा हिमाचल दुनियां ते न्यारा ।

लोहे, लूणा कने स्लेटां रिया खाना,  
धर्मियां लोका रा औणा ।

रली-मिली हुण गाई लैणा जय हिन्दा रा गाणा,  
आसा रा हिमाचल बांका ते नमाणा ।

तमन्ना देवी  
बी. ए. तीजा साल

### महत्व

युद्धां च वीरो रा  
फिल्मा विच हीरो रा  
पेपरा बिच जीरो रा  
बडा ही महत्व है ।

हथा बिच पर्सा रा  
हस्पताला बिच नर्सा रा  
पहाड़ा विच वर्षा रा  
बड़ा ही महत्व है ।

वागा विच माली रा  
होलिया विच लाली रा  
सौरिया रे साली रा  
बड़ा ही महत्व है ।

काजल कौशल  
पी.जी.डी.सी.ए. दूजा सैम



### ‘करी ने देखो भला’

जे कीसी जो देयी न सको  
तां लेणा भी नी चाहिए।

जे आंसे किसी जो राह ना दसी सको  
तां राह ते भटकाणा भी नी चाहिए।

जो कीसी रा भला नी हो तां  
बुरा भी नी करना चाहिए।

देयी सकां ता गुस्सा छड़ी कने प्यार देयी देखो  
जे तुसें छड़ी सकाये ता गुस्सा छड़ी कने देखो।

जो अपनाई सकें ता बगाणयां अपनाई के देखों  
जे कुछ करी सकां तां देश जो महान बनाई के देखो।

जे हंसी नी सकदे,  
ते रूलाओ भी मत।

बस इतना, बस इतना  
करी ने देखो।

सरस्वती देवी  
बी. ए. तीजा साल

‘भला’

पहाड़ आसां रा भला करदे, सब कुछ लुटावें  
दुश्माणा ते रक्षा करदे, देश रे पहरी बणवें।

बर्फाने पाणी ढकवें, जंगला ते धरती ढकवें  
पर्यावरण संतुलित कीवें, प्राकृतिक संपदा सजोई रखदे।

शान्ति री शीतलता देंदे, देवत्यां रे दर्शन करावें,  
भगवाना री खोज करवें, भौतिकता तो दूर लेई जावें।

आसां रा पहाड़ा जो बचाना, प्रकृति लई फर्ज निभाना,  
सबनी जो ऐई पाठ पढ़ाना, पहाड़ा ते सच्चा प्यार लगाना।

तनू शर्मा  
बी. एसी. पेला साल

### ‘दस मोती ज्ञान रे’

जीतने जो कोई चीज ई तो	प्रेम
पीण जो कोई चीज ई तो	क्रोध
खाणे जो कोई चीज ई तो	गम
देणे जो कोई चीज ई तो	दान
दिखाणे जो कोई चीज ई तो	दया
लेणे जो कोई चीज ई तो	ज्ञान
बोलणे जो कोई चीज ई तो	सत्य
रखणे जो कोई चीज ई तो	इज्जत
सीटणे जो कोई चीज ई तो	ईर्ष्या
छाडणे जो कोई चीज ई तो	मोह

अछरी देवी  
बी. ए. तीजा साल

### अंखी क्या ए

अम्म री अंखी च ममता  
बापू री अंखी च फर्ज  
भाई री अंखी च प्यार  
बहन री अंखी च स्नेह  
अमीरां री अंखी च घमण्ड  
गरीबी री अंखी च आंसु  
मित्र री अंखी च सहयोग  
दुश्मन री अंखी च बदला  
शिष्य री अंखी च आदर  
सज्जन री अंखी च आदर

रिचा गुप्ता  
बी. ए. तीजा साल

### अनमोल बचन

दुनिया का सबसे बड़ा गैणा तुंसारी अपनी मेहनत ई,  
जेड़े हथ सेवा री खातिर उठदे से  
हथ प्रार्थना करने वाले हत्या ते ज्यादा पवित्र हुन्दे,  
स्वार्था चे अच्छाइयां ईयां गुम हुई,  
जाईयां जियां समुद्रा च नदियां।

लव  
बी. एसी. तीजा साल

## “इक स्टूडेंट दी राती री ते दिनां दी काणी”

राती रे 11 बजे.....

“ फोन हाथ चो, दिमाग चो मोटिवेशन रा तुफान”  
बस कलो ते फुल पावर नाल पढ़ाई शुरू!!  
“ तडके ही छोड़ उठी के पढ़ुंगा, कोई बाना नी ” ॥

सोने ते पैला ता पुरा जोश.....

यु टयुब तै पढ़ाई री मोटिवेशनल वीडियो देखी ली  
कल सवेरे ही 5 बजे अलार्म बजना और तेबे मै इक  
सैंकेड ची उठी जाना ॥

फेर सवेरा हुइंगा.....

अलार्म बजुआं.....  
बस पांज मिन्ट होर...  
फेर दस मिन्ट.....  
इंया करदे-करदे सुरज सिरे पर आइजाऊंआ ॥  
ओर जेबे उठुंया तेबे अखं भारी ते दमाग सुन ॥

“तेबे सौचुआं ऐ क्या हुइगा ।

थोडी देर बाद पढ़गा ॥

फेर पुरा दिन ईयां ही निकल जाऊंआ ” ॥

ओर राती जो फेर सेई मोटिवेशन ओर  
खुद जो कोसयां करूंआ ।  
कल-पक्का, कल पक्का करी जाऊंआ ॥  
पर से कल कदी आऊंगा जेड़ा सची  
जो बदलगा मारी जिन्दगी ॥

शिक्षा :-

अगर तुसां जो भी ऐडा ही लगुंआ ।  
तां बस इक दिन जबरदस्ती उठी जाओ  
ओर करी दिखाओ फेर देखो जादु ॥  
क्युंकि जद तक तुंसा खुद ही नहीं कैणा कि  
“ बस अजी नी ” ॥  
तेवे तक तो इयां ही हुदा रैणा ॥

संजना

बी. ए. तीजा साल

## सफर

सड़क हुण बणियां पैहले रास्ते चलदे थे दिन रात,  
निडर होई जादें ये सियाला हो चाहे बरसात ।

हडदे थे लमियां बाटा चड़दे उतरदे थे कुआलू,  
जालु थकी जांदे थे, बसोणे ताई थे टियाअलुं ।

कुथी थी घणी बतियां कुती दुरां तई नगौडियां ।  
तपणा पौंदे थे नालू, कुथी खडडां बडियां गैहरियां ।

रस्ते वणाई चणाई भले लोक पुन थे कमांदे ।  
प्यास बुझाणे ताई धरमी प्याउ थे लगांदे ।

अज दिनां दी दुरियां घटी घंटेया च संगडोइयां ।  
रस्ते गुआचे पगडंडियां सड़का ने बदलोइयां ॥

बोतलां दा पाणी पींदियां प्याउ छुपी के टुरदे ।  
कुआलू पटोण लगी पै टिआलू कल्हे बैठी झुरदे ॥

हुण पारकां च चलदे भले ही पहले ते घटी दूरी हैं  
पैदल चलने दी जरूरत माहणुआं दी मजबूरी हैं ।

स्नेहा कु मारी  
बी. सी. ए. पैला साल

## यादां

कदी फूला री सुगन्ध फेलादी यादां  
कदी कांटया रा जाल विछांदी यादां ।  
कदी हसांदी ता कदी रूलादी यादां,  
हीरे जेड़ी वेश कीमती हुंदी यादां ।  
कदी दिलमिलादी ता कदी संतांदी यादां,  
घेरी लेंदी हजारां गमा ने यादां  
ताली सुणदी नी सुणांदी यादां,  
कितना असर करदी जिन्दगियां बिचो यादां ।  
न्ये रिश्तेयां पर विश्वास बढांदी यादां  
ताली जे पासे हुई जांदी दुनियां ।  
ताली साथ निभांदी ये यादां ।  
हऊं कली नी तिन्हा री यादां हण मेते कन्ने ।

रक्षा देवी  
बी. सी. ए. पैला साल

## साक्षरता समय री पुकार

### “व्यक्तित्व”

डलने दियां धारा डपले बज्जेंद  
कमणी बजणे तम्बूर राजा ॥  
कोई किला पठानिया जोर लड़ियां  
कोई बेटा वजीर रा खूब लड़ियां ॥  
कलकत्ते तो चर्दियां अंग्रेज फौजां  
ता बौडरा ते चढ़ी गये बजीर राणा ॥  
शाम सिंह रे घर राम सिंह जमया  
जमिया कोई बलकार राजा ॥  
जमदिया लई तलवार राजा  
बुक्का-बुक्का दारू बडंदा ॥  
सेकरूआं बड़या तीर राजा  
कोई बेटा वजीर रा खूब लड़ीया ॥

रामपाल सिंह  
एम. ए. चौथा सैम

- 1 लिखी न जाँणु, पढ़ी न जाणु, बात न जनधु दैरी ।  
हेरे वापुओ मेरे न बसना, सुराही भात को मेरो ।
- 2 मालकौ सीखा सुर राइल्म, जोगरी मेरी शाशु ।  
मालक मुखे मारदो पड़, कोएं ना धुरा आशु ।
- 3 नाहन रे चौगान वापु आ, लोहे रा लागा गोटा ।  
मालक मेरो तसाटी साराबी कररी करणी देर ।
- 4 सरकार के अरज मेरी, नशे दी करे पाबन्दी ।  
पढ़ना लिखना कोई ना जाणे आदत सीखी गन्दी ।

मोहित सिंह  
बी. कॉम. पैला साल

### ‘देहेज मंगदा समाज’

असां दे देश च होई गईयो एई पुकार,  
जे देहेजा कने भरोई जान आंसेद घर बार ।  
मुण्डुआं बालेयां दे दिलां च ओंदा ए ख्याल,  
पई क्या हुंगा कूडिया वालियां दा हाल ।  
अगर बेचारे मां बूढ़े देन धर धाम,  
तां गांह जाई करी कर दे कूडियां दा हाल खराब  
नौजबानों जो करना चाहीदा कुछ,  
इन्हा कन्हाणीयां सुणी करी हेन्दा बड़ा दुःख ।

नेहा देवी  
बी. ए. तीजा साल

### धुम्रपान

आई रे माणुआ कऊ करता तु धुम्रपान  
ताखे शरम नी आऊदी तेबे बझनी मेरी शान  
पांग, सुल्फा पी कने तेबे बणनी तेरी इज्जत  
और पान आई रे मणुआ ते बेजे  
तेरा सब कुछ मिटिया दे मिली जाणा  
तेबे खाणे तां आपने बीबिया और बच्चे रे कान  
कने नी ओ दो रोटिया रा जुगाड बच्चे तो मेरी,  
जाणे मुखे आपु तो ताखे नी ओस  
पर बच्चे तो जरूर दरिया पहूचा बे, तेबे ता  
तंग आई कने देई देणी जान तेबे खाली  
रूई जाणा तेरा मकान लोका भी दूरा ते  
दसया करना ये आ से धुम्रपान करने  
बाले रा मकान, आई रे माणुआं बस  
धुम्रपान करी के इतनी की री जाती  
तेरी इज्जत और शान ।

रजनी  
बी. ए. पैला साल

आंसा रा भारत देश महान  
जेती सौ बिचते निन्यानवे बेईमान  
सीमेंट तो दूरा री गल सरिए जो भी पचाई  
बिमारी रा बहाना करीने विदेशा री सैर करी आदे  
जनता रा तो कुछ नहीं करदे पर अपने भत्ते जरूर बढ़ो

आंसा रा भारत देश महान  
जेती सौ बिचते निन्यानवे बेइमान  
सरकारी अधिकारियाँ री तां गल ही निराली हैं ।  
इक हथ्था च ऐशो आराम दूचे चे सोने री थाली  
दस बजे करा ते चलीके चार बाजे वापिस आदें  
दफतरे तां कुछ नी करदे बस गप्पा रा लुफत उठादे

आंसा रा भारत देश महान  
जेति सौ बिजते निन्यानवे बेइमान  
सरकारी टीचर स्कूल चे कट कन्ने ट्यूशन ज्यादा पढादें  
नकल खुद ही करवादे नकल करन पाप ए बी बोलदे

आंसा रा भारत देश महान  
जेति सौ बिचते निन्यानवे  
पुलिस बोलयां रे लम्बे हथ्य हर किसी री जेब  
तक पहंची जादे ।  
कोई सो देया दे दो जितने आरा उतणे सई  
आंसा रा भारत देश महान  
जेति सौ बिचते निचते निन्यानवे बेइमान

अंजली शर्मा  
बि. ए. दूजा साल

तू कोशिश कर, हल निकलेगा,  
आज नहीं तो, कल निकलेगा ।

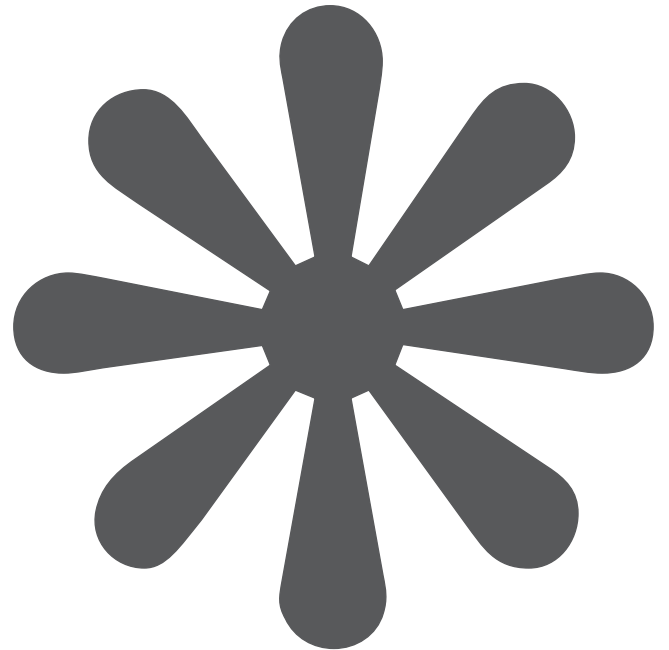
अर्जुन के तू तीर-सा सध,  
मरुस्थल से भी जल निकलेगा ॥

श्रम कर, पौधों को पानी दे,  
बंजर जमीं से भी फल निकलेगा ॥  
ताकत जुटा, मन को आग दे,

फौलाद का भी, बल निकलेगा ॥  
जिन्दा रख दिल में उम्मीदों को,

गरल के समंदर से भी गंगाजल निकलेगा ॥  
कोशिशें जारी रख, कुछ कर गुजरने की,  
जो आज थमा सा है, वो चल निकलेगा ॥

अंकिता देवी  
बी. ए. तीजा साल





***Parbat Rekha***



***Computer Section  
2024-25***



## EDITORIAL

### Visions of Tomorrow: Exploring Technology Through Young Minds

**Dear Esteemed Readers,**

It is with immense pride and excitement that I welcome you to this special edition of our college magazine, curated under the Computer Section. As the editor, it is both an honor and a joy to introduce a collection of insightful articles crafted by our talented students — each one offering a glimpse into the evolving world of technology through fresh and thoughtful perspectives.

In a time when technological innovation is reshaping the world at an astonishing pace, staying informed and engaged with these changes is not merely a passion but a necessity. This edition stands as a testament to the dedication of our students — young minds who are not only keeping pace with rapid advancements but are also striving to understand and interpret their significance for the world around us.

The articles presented within these pages go beyond simply informing; they serve as inspiring windows into the future. They capture the spirit of inquiry, creativity, and responsibility that our students embody — a spirit essential for shaping a future where technology uplifts and empowers humanity.

This initiative highlights the importance of learning beyond the confines of the classroom. It celebrates the drive to explore, to question, and to share knowledge with the broader community. Each article is a reflection of the immense potential that lies within our students and a reminder of the vital role education plays in nurturing innovation and critical thinking.

I am incredibly proud of the hard work, insight, and enthusiasm our students have poured into their contributions. Their writing assures us that the future of technology is not only promising but also guided by values of inclusivity, creativity, and social responsibility.

To our readers, I encourage you to journey through these pages with curiosity and a sense of wonder. Let these young voices inspire you to imagine new possibilities, ask bold questions, and envision your own role in the technological future that awaits us.

And to our student contributors, thank you for your passion, perseverance, and commitment to learning. Your work lights the way forward, reminding us all that the future is crafted by those who dare to dream and to innovate.

Together, let us continue to foster a culture of discovery, learning, and hope as we embrace the boundless opportunities that lie ahead.

With deepest respect and admiration,



**Dr. Ankur Sharma**  
**Editor, Computer Section**



## CLOUD COMPUTING

Cloud computing is a technology that allows people and businesses to store, manage, and process data over the internet instead of using a personal computer or local server. It provides on demand access to computing resources like servers, storage, databases, and software, which are maintained by cloud providers such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud. This means users don't need to invest in expensive hardware or worry about maintaining it. Instead, they can use cloud services as needed and pay only for what they use. Cloud computing offers flexibility, scalability, and cost savings, making it ideal for businesses of all sizes. It also enables remote work by allowing employees to access files and applications from anywhere with an internet connection. There are different types of cloud computing, including public, private, and hybrid clouds. Public clouds are shared by multiple users, private clouds are dedicated to a single organization, and hybrid clouds combine both. Cloud computing services are also divided into three main categories: Infrastructure as a Service (IaaS), which provides virtual servers and storage; Platform as a Service (PaaS), which offers tools for developers to build and manage applications; and Software as a Service (SaaS), which delivers software like email and office tools over the internet. Some common examples of cloud services include Google Drive, Dropbox, Netflix, and Microsoft Office 365. Cloud computing enhances security by offering data backup, disaster recovery, and encryption. However, it also raises concerns about data privacy and dependency on internet connectivity. Despite these challenges, cloud computing continues to grow, transforming how businesses and individuals use technology. It supports innovation, collaboration, and efficiency, making it one of the most important advancements in modern computing.

**Palak Devi B.Sc. 2nd year**

**class roll no. 234103001**

**University roll no. – 2231850077**

## DATA SCIENCE

Data science is an interdisciplinary field that uses scientific methods, algorithms, and systems to extract insights and knowledge from structured and unstructured data. It combines expertise from statistics, computer science, and domain-specific knowledge to analyse and interpret complex data. The process begins with data collection, where raw data is gathered from various sources such as databases, APIs, and sensors. This is followed by data cleaning and preprocessing, which involves handling missing values, removing duplicates, and transforming data into a usable format. Once prepared, exploratory data analysis (EDA) helps uncover patterns and trends through statistical techniques and data visualization. Machine learning, a key component of data science, enables predictive modelling and automation by training algorithms on historical data. Techniques such as supervised learning, unsupervised learning, and deep learning allow machines to recognize patterns, make decisions, and improve over time. Popular tools for data science include Python, R, SQL, and libraries like Pandas, NumPy, TensorFlow, and Scikitlearn. Visualization tools such as Matplotlib, Seaborn, Tableau, and Power BI help present insights in a meaningful way. In industries such as healthcare, finance, marketing, and e-commerce, data science drives decision making, optimizes processes, and enhances customer experiences. Businesses leverage big data and cloud computing platforms to handle vast amounts of data efficiently. As data science evolves, ethical considerations such as data privacy, bias in algorithms, and responsible AI development become increasingly important. The demand for data scientists continues to grow, making it one of the most sought-after careers today. With advancements in artificial intelligence and computing power, data science will continue to shape industries, improve automation, and drive innovation in the digital age.

**Saniya**

**B.Sc. 2nd year**

**Class roll no. 234103022**

**Uni. Roll no.2231850104**

## QUANTUM COMPUTING

Quantum computing For most of our history human technology consisted of our brains, fire and sharp sticks. While fire and sharp sticks become power plant and nuclear weapons, the biggest upgrade has happened to our brains. Since the 1960's, the power of our brain machines has kept growing exponentially, allowing computers to get smaller and more powerfully at the same time .But this process is about to meet its physical limits. Computers parts are approaching the size of an atom. However, with parts getting tinner and tinner, quantum physics are making things tricky. . To solve this problem, scientists are trying to use these unusual quantum properties to their advantage by building quantum computers. Normal computers use bits, which can be either 0 or 1. Quantum computers use qubits, which can also be 0 or 1, but they can exist in both states at the same time—this is called superposition. When you measure a qubit, it settles into either 0 or 1. Regular computers can only use one combination of bits at a time, but qubits in superposition can represent all possible combinations at once. As you add more qubits, the number of possible combinations grows exponentially, making quantum computers much more powerful. Entanglement is a unique quantum property where qubits remain connected, instantly affecting each other regardless of distance. This allows quantum computers to deduce information more efficiently. While they may not replace home computers, they excel in certain areas, like database searching. Unlike traditional computers that check entries one by one, quantum algorithms can search databases much faster, needing only the square root of the time, making a huge difference for large datasets. Right now your browsing, e-mail, and banking data is being kept secure by an encryption system in which you give everyone a public key to encode messages only you can decode. The problem is that this public key can actually be used to calculate your secret private key. Luckily, doing the necessary math on any normal computer would literally take years of trial and error. But a quantum computer with exponential speedup could do it in a breeze. Another really exciting new use is Simulations. Simulation of a quantum world are very intense on resources, and even for bigger structures, such as molecules, they often lack accuracy. Quantum simulation could provide new insights on proteins that might revolutionized medicine. Right now, we don't know if quantum computers will be just a specialised tool, or a bigger revolution for humanity.

**Shivani**  
**B.Sc. 2nd year**  
**Class roll no. 234103019**  
**Uni. Roll no. 2231850112**



## ETHICAL HACKING

Human factors in security, such as susceptibility to phishing attacks. System Hacking: Analysing operating systems for potential weaknesses. Importance of Ethical Hacking Prevents Data Breaches: Ethical hacking helps in identifying and fixing security gaps, preventing unauthorized access to sensitive information. Ensures Regulatory Compliance: Many industries have stringent security requirements, and ethical hacking aids in meeting these standards. Protects Business Reputation: Proactively addressing security vulnerabilities helps maintain customer trust. Skills Required for Ethical Hacker. Proficiency in programming languages like Python, Java, and C ++. In-depth understanding of operating systems, particularly Linux and Windows. Knowledge of networking concepts, protocols, and firewalls. Problem-solving and critical thinking skills.

**Priti kumari**  
**B.Sc. 2nd year**  
**Roll no. 234103018**  
**University roll no. 2231850086**

## 5G Technology and Its Impact on IoT

The introduction of 5G is transforming the Internet of Things (IoT), making smart devices faster, more efficient, and more reliable. With ultra-low latency, high-speed data transfer, and the ability to connect millions of devices, 5G is **unlocking new possibilities across industries.**

### How 5G Improves IoT: -

1. **Faster Speeds:** 5G provides up to 10 Gbps, ensuring smooth data transmission for connected devices.
2. **Lower Latency:** With response times as low as 1 millisecond, real-time applications like self-driving cars and remote surgeries become more effective.
3. **More Connections:** 5G supports millions of IoT devices simultaneously, ideal for smart cities and industrial automation.
4. **Energy Efficiency:** Improved network efficiency extends battery life for IoT sensors and devices.

### Real-World Applications: -

1. **Smart Cities:** Traffic management, security cameras, and waste management benefit from 5G's high-speed connectivity.
2. **Healthcare:** Remote patient monitoring, telemedicine, and robotic surgeries become more reliable.
3. **Autonomous Vehicles:** 5G enables real-time communication for self-driving cars, improving safety.
4. **Industry 4.0:** Smart factories use 5G for automation, predictive maintenance, and real-time data analysis.
5. **Agriculture:** Farmers use IoT sensors and drones for better crop monitoring and precision farming.

### Challenges: -

Despite its benefits, 5G comes with challenges such as security risks, high infrastructure costs, and regulatory concerns. More connected devices mean higher chances of cyberattacks, and building 5G networks requires significant investment.

### Conclusion: -

5G is revolutionizing IoT by making devices faster, smarter, and more interconnected. While challenges exist, its impact on industries like healthcare, transportation, and smart cities is undeniable. As 5G continues to expand, it will play an even bigger role in shaping our future.

Charu

B.Sc. 2nd year

Roll no:- 234103027

## How to use A.I. effectively in Studies and life AI can be a great tool if used wisely.

Instead of replacing your thinking, let it assist you in learning and organizing your life. For Studying:

- **Understand, Don't Copy** – Use AI for explanations, not just answers.
  - **Quiz Yourself** – Ask AI to create test questions.
  - **Smart Notes** – AI can summarize books, but always read the full topic.
  - **Time Management** – Use AI to plan study schedules and set reminders.
  - **Improve Writing** – AI can check grammar and suggest better phrasing.
  - **Organize Tasks** – AI can set reminders and schedules.
  - **Learn New Skills** – AI suggests courses, tutorials, and books.
  - **Stay Updated** – Get news, but always verify facts. **Entertainment Control** – Avoid getting stuck in endless AI recommendations.
- Best AI Apps for Students:** ChatGPT / Google Gemini – For explanations, brainstorming, and language help.
- **Notion AI** – For organizing notes and planning study schedules.
  - **Grammarly** – For improving writing and grammar quizzes and flashcards.
  - **Wolfram Alpha** – For solving math and science problems.

**Final Tip:** AI is a tool, not a shortcut—use it to learn smarter, not to avoid effort

SIMRAN DEVI

BSc 2nd Year

Class Roll No. - 234103009

University Roll No. - 2231850119

## The Future of Human-Machine Interaction:

Brain-Computer Interfaces Imagine being able to control your computer, smartphone, or even your home appliances with just your thoughts. Sounds like science fiction, right? Well, this technology is not only real but also rapidly advancing. Brain Computer Interfaces (BCIs) are revolutionizing the way we interact with machines, and the possibilities are endless. BCIs enable people to control devices or communicate with others using only their brain signals. These signals are detected by sensors, interpreted by algorithms, and translated into commands. There are several types of BCIs, including invasive, partially invasive, and non-invasive. Invasive BCIs offer high spatial resolution but pose health risks. Non-invasive BCIs are safer but offer lower resolution. BCIs have numerous applications, including assistive technology, gaming, and neuroscience research. They can help people with paralysis or ALS communicate and interact with their environment. BCIs can also enable new gaming experiences and help researchers understand brain function. However, BCIs face challenges, such as signal noise and interference, invasive vs. non-invasive trade-offs, and user training requirements. Despite these challenges, researchers are making rapid progress in advancing BCI technology. Future directions include improving sensor technology, developing new algorithms, and increasing adoption and accessibility. As BCIs become more user-friendly, we can expect significant impacts on various fields. In conclusion, BCIs are transforming human machine interaction. While challenges remain, researchers are pushing the boundaries of BCI technology. With ongoing advancements, BCIs will continue to improve lives and revolutionize industries.

**Aanchal**

**B.Sc.2nd year**

**class roll no.234103013**



### Here are some funny computer-related quotes:

1. "The computer was born to solve problems that did not exist before." – Bill Gates
2. "Programming is like writing a book... except when you miss a single comma on page 126, the whole thing makes no sense."
3. "Have you tried turning it off and on again?" – Every IT support ever
4. "I changed my password to 'incorrect,' so whenever I forget it, the computer tells me: 'Your password is incorrect.'"
5. "Artificial intelligence is no match for natural stupidity."
6. "There are 10 types of people in the world: Those who understand binary and those who don't."
7. "The problem with troubleshooting is that trouble shoots back."
8. "A computer once beat me at chess, but it was no match for me at kick boxing." – Emo Philips
9. "Software developers like to solve problems. If there are no problems available, they will create their own."
10. "I would love to change the world, but they won't give me the source code."
11. "Real programmers count from 0."
12. "Debugging is like being the detective in a crime movie where you are also the murderer."
13. "If at first you don't succeed, call it version 1.0."
14. "A user interface is like a joke. If you have to explain it, it's not that good."
15. "I have a joke on programming, but it only works on my machine."
16. "Computers are like Old Testament gods: lots of rules and no mercy."

**Tanishq**

**B.Sc. 3rd year**

**Class Roll No. 22310098**

## Cyber Crime in today's world

In today's digital age, where technology affects every part of life, cybercrime has emerged as a serious threat to individuals, businesses, and governments. Cybercrime is defined as illegal behaviours carried out using computers or the internet, including hacking, identity theft, online fraud, and cyberbullying. As society becomes more dependent on technology, understanding and preventing cybercrime has become a top responsibility.

### Types of Cybercrime

Cybercrime takes several forms, each providing different challenges. One of the most common forms is hacking, in which unauthorised individuals gain access to computer systems in order to steal, manipulate, or erase data. Identity theft is the theft of personal information, such as social security numbers or credit card information, in order to conduct fraud. Phishing schemes, in which fake emails or texts lure people into revealing important data, are another common type of cybercrime. More serious crimes include cyberterrorism, in which hackers attack government systems or key infrastructure to cause widespread damage. Additionally, ransomware assaults lock users out of their systems and demand payment to restore access. Cyberbullying and online harassment have also become major issues, especially among young people.

### Causes of Cybercrime

The increase in cybercrime can be due to a variety of reasons. The fast expansion of the internet and the growing number of connected devices create new opportunities for hackers.

Individuals and organisations are exposed due to a lack of effective cybersecurity safeguards and knowledge. Furthermore, the internet's anonymity enables cybercriminals to operate without fear of approaching detection or punishment.

### Consequences of Cybercrime

The effects of cybercrime are far-reaching. On a personal level, victims of identity theft or financial fraud face money losses, mental distress, and reputational harm. Cyberattacks target businesses, resulting in data breaches, financial losses, and legal obligations. Cybercrime, especially attacks on government systems, may threaten national security and disrupt public services.

Cybercrime, particularly online harassment and cyberbullying, can have a significant psychological impact, including anxiety, sadness, and, in severe cases, suicide. Furthermore, cybercrime has a significant economic impact, spending billions of dollars each year in damage and preventative efforts around the world.

### Preventive Measures Against Cybercrime

Combating cybercrime requires a diverse strategy. Individuals must recognise potential risks and practise safe internet behaviours including using strong passwords, avoiding suspicious links, and upgrading software on a regular basis. Organisations must invest in a strong cybersecurity infrastructure that includes firewalls, encryption, and intrusion detection systems. Governments play an important role in fighting cybercrime by passing strict legislation and working internationally to seek down and punish criminals. Initiatives to teach law enforcement professionals in cybercrime investigations are critical to keeping up with hackers' changing techniques.

### Conclusion

As technology develops, cybercriminals' techniques evolve. Staying ahead needs ongoing awareness, innovation, and collaboration. Educational institutions, organisations, and governments must collaborate to foster a culture of cybersecurity knowledge and resilience. Cybercrime is a critical issue that threatens the safety and stability of our increasingly digital environment. While it may never be completely wiped out, individuals, organisations, and governments can work together to reduce its impact. By raising awareness and putting in place effective preventive measures, society may face the challenges of the digital era more safely and securely.

**Mohit Chandel**  
**B.Sc. 3rd year**  
**class roll no. 22310018**





## **Exploring Bitcoin Mining and Blockchain: The Digital Frontier of the Future**

In today's rapidly evolving digital landscape, the emergence of Bitcoin mining and blockchain technology stands at the forefront of a revolutionary shift in how we perceive and manage financial transactions. Bitcoin, the first and most renowned cryptocurrency, operates in a decentralized manner, relying on a cutting-edge innovation known as blockchain. Understanding this technological synergy offers a glimpse into the future of digital finance, beyond the traditional boundaries set by banks and governments.

At the core of Bitcoin mining lies a process of verification and validation. Miners, utilizing high-powered computers, work tirelessly to solve complex mathematical puzzles. Each puzzle solved confirms a new batch of transactions, and in return, miners are rewarded with newly minted bitcoins. This process ensures the integrity and security of the entire network, as it decentralizes the control of currency creation, making Bitcoin resistant to fraud and government interference.

But how does this tie into blockchain? Blockchain is essentially the backbone that supports Bitcoin. It is a decentralized ledger that records all transactions made within the Bitcoin network. This ledger is not stored in one central location, but rather, across a network of computers worldwide, ensuring transparency and security. Each "block" on the chain contains a record of multiple transactions, and once added, it cannot be altered or tampered with, providing an immutable history of all Bitcoin transfers. This transparency ensures that each transaction is traceable, reducing the risk of fraud while protecting the anonymity of its participants.

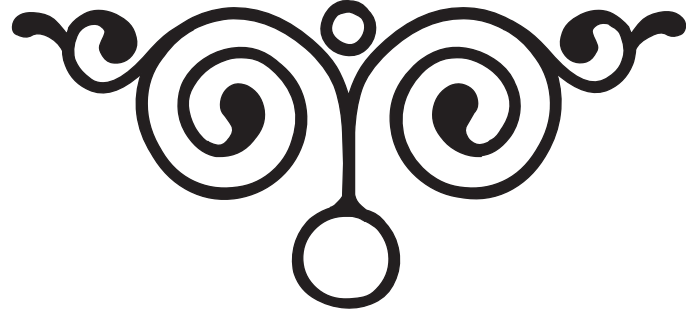
As Bitcoin continues to gain popularity, the implications for blockchain technology extend beyond cryptocurrencies. From smart contracts to decentralized finance (DeFi), blockchain has the potential to redefine industries ranging from banking to healthcare, offering solutions that prioritize security, efficiency, and decentralization.

Bitcoin mining and blockchain are more than just technological marvels; they are the keystones of a new economic paradigm. As we move further into this digital age, understanding their interconnection will be crucial for anyone looking to navigate the future of finance, technology, and innovation. The digital frontier is here – and it's only just beginning.

**KASHISH**  
**B.Sc. 3 year**  
**Class Roll No. 22310023**



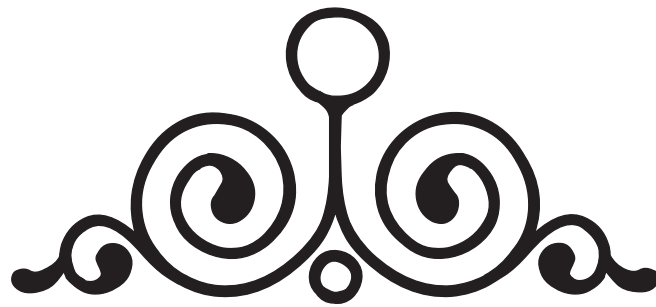




# ਪਰਵਤ ਰੇਖਾ

ਹਿੰਦੀ ਅਨੁਭਾਗ

2024-25



## संपादकीय

“शब्द जब कागज़ पर उतरते हैं ,  
तो विचारों को नए पंख मिलते हैं”

रचनात्मकता एक ऐसा प्रकाश है, जो न केवल सोच को नई दिशा देता है , बल्कि समाज को भी समृद्ध करता है। लेखन केवल शब्दों का मेल नहीं बल्कि विचारों की अभिव्यक्ति का सशक्त माध्यम है। विद्यार्थियों की कल्पनाशीलता और लेखनी में विचारों की जो गहराई होती है, वह आश्चर्यचकित कर देती है। उनकी रचनाएँ, लेख, कविताएँ केवल शब्दों तक सीमित नहीं होते, बल्कि समाज को समझने और संवेदनाओं को व्यक्त करने का सशक्त माध्यम भी होते हैं। लेखन न केवल आत्माभिव्यक्ति का जरिया है, बल्कि यह आत्म-विकास, चिंतन और बौद्धिक-विस्तार की ओर भी अग्रसर करता है। विद्यार्थी जीवन में पत्र-पत्रिकाएँ महत्वपूर्ण भूमिका निभाती हैं। किसी भी महाविद्यालय में प्रकाशित होने वाली पत्रिका उस महाविद्यालय की वार्षिक गतिविधियों का दर्पण होती हैं। इसके साथ-साथ यह विद्यार्थियों में छिपी प्रतिभाओं को तराशने और उनके रचनात्मक विचारों को अभिव्यक्ति प्रदान करने में मुख्य भूमिका निभाती हैं।



राजकीय महाविद्यालय नालागढ़ से प्रकाशित की जा रही ‘पर्वत रेखा’ पत्रिका विद्यार्थियों में छिपी प्रतिभा और उनमें लेखन-कौशल को पहचानने की ओर एक सराहनीय कदम है।

यह अत्यंत हर्ष और गर्व का विषय है कि “पर्वत रेखा” पत्रिका का यह सत्र 2024-25 का अंक प्रकाशित होने जा रहा है। मुझे पूर्ण विश्वास है कि महाविद्यालय की यह वार्षिक पत्रिका नवोदित साहित्य सर्जकों और कला प्रेमियों के भावों और विचारों की अभिव्यक्ति के लिए श्रेष्ठ मंच सिद्ध होगी।

अनीता कुमारी ( सहायक आचार्य हिन्दी )  
संपादिका - हिंदी अनुभाग



## छात्रा-संपादिका

लेखकों की प्रिय भाषा है हिंदी  
भारत की आशा है हिंदी,  
जिसने पूरे देश को जोड़ा  
वो मज़बूत धागा है हिंदी।

हिंदी केवल भाषा ही नहीं बल्कि यह हमारी भावनाओं को बताने का एक माध्यम है। विचारों को शब्द देकर क्या नहीं हो सकता। विचारों में क्रांति लाने, जागृति लाने की क्षमता होती है। साहित्य के प्रति रुचि तथा लेखन के प्रति प्रेरणा को बनाए रखने के लिए आवश्यकता है तो एक माध्यम की।

राजकीय महाविद्यालय नालागढ़ से प्रकाशित की जा रही ‘पर्वत रेखा’ पत्रिका ऐसे ही छात्रों की प्रतिभाओं व रचनात्मक विचारों को खोजने व कौशल पहचानने का माध्यम है। मैं उन सभी की बहुत आभारी हूँ, जिन्होंने सुंदर रचनाएं रच कर ‘पर्वत रेखा’ पत्रिका हिंदी अनुभाग को संपन्न करने में सहयोग दिया।

कोई भी कार्य असंभव नहीं होता, परंतु आसान भी नहीं। छात्र- संपादिका का कार्य मेरे लिए थोड़ा कठिन, था परन्तु प्राध्यापिका श्रीमती अनीता के मार्गदर्शन एवं सहयोग से ही यह कार्य सफलतापूर्वक संपन्न हो सका। मुझे विश्वास है की यह रचनाएं पढ़कर हिन्दी भाषा में रचनाएं गढ़ने की आपको भी जिज्ञासा अवश्य उत्पन्न होगी।



अभिलाषा चौधरी  
छात्र संपादिका  
कला स्नातक, तृतीय वर्ष

## घायल पंख हुए हैं, हौसला नहीं

एक पिंजरे में कैद एक चिड़ियां बाकि चिड़ियों को देखती रहती,  
बाकि चिड़ियों को उड़ता देख,  
अपने पंख ना होने पर रोती, सोचती मैं क्यों नहीं हूँ औरों जैसी,  
क्यों मुझमें कमी है ऐसी, बेबस, लाचार, पिंजरे में पड़ी,  
अपनी बेबसी पर वो रोती रहती।  
हालांकि पंख हैं उसके पास, पर कभी किसी ने बताई नहीं ये बात,  
पिंजरे में कभी पंखों को खोल न पाई,  
वो भी उड़ सकती है, खुद से कभी बोल न पाई।  
अचानक किसी ने पिंजरे को खोल दिया, पर वो उड़ न पाई,  
पंख होते हुए भी उसके पास वो कभी उड़ न पाई।  
सोचती हूँ मैं लाचार हूँ, पंखों से बेजार हूँ,  
उड़ूँ कैसे इस आसमान में, मैं तो हर तरह से बेकार हूँ।  
अचानक बाज़ ने किया उस पर वार, पंख घायल हो गए,  
बचाने के लिय जिन्दगी अपनी, उसे भरनी पड़ी उड़ान,  
उड़ान भरने के बाद ही वो जान पाई, पंख तो थे उसके पास पर  
अपनी मजबूरियों के कारण उन्हें खोल न पाई,  
उड़ कर आसमान में एक खुशी सी मिली उसे,  
पिंजरे से आज़ाद होकर अपनी जिन्दगी अपने तरीके से जी पाई वो,  
छूना चाहती थी जिस आसमान को, अब छू पाई वो।  
इस चिड़ियां की कहानी एक सीख देकर जाती है,  
जो खामोशी को चीर कर ना निकले वो तूफान कैसा,  
और जो गिरकर फिर ना संभले वो इंसान कैसा।

अनुदेवी  
बी कॉम द्वितीय वर्ष

### मंजिल

जिन्दगी वो रास्ता है, जहां हम जीने की शुरुआत करते हैं। अपनी मंजिल को पाने की चाहत करते हैं। जीवन हर दौड़ की चाहत में बढ़ने की और मंजिल हम पाने की आस रखते हैं। मुकाम आने पर की मंजिल पा ही लेते हैं।

वन्दना चौधरी  
बी ए तृतीय वर्ष

## स्त्री सम्मान

बड़ा अजीब देश है हमारा,  
गैरों को पनाह देता है,  
कमजोरों को दबोच लेता है,  
और जिस्मों का प्यासा अक्सर,  
मासूमों को लूट लेता है।

आए दिन बलात्कार जैसी खबरें,  
सुर्खियों में रहती हैं।  
अपनी इज्जत आसमान  
तो गैरों की इज्जत मिट्टी ही रहती है।

समझो ये खबरें या  
दोबारा इसे रोककर देखो।  
हंसते ही ऐसी खबरों पर  
कोई तुम्हारे घर का ही होता, तो सोचकर देखो।

ऐसी स्थिति ऐसा हाल,  
किसी के साथ ना हो,  
खुदा करे ऐसी घटना,  
किसी के साथ ना हो।

अगर स्त्रियां नहीं होगी,  
तो पुरुषों के गले में,  
कामयाबी का हार नहीं होगा  
ज़रा समझो इस बात को अगर स्त्रियां नहीं  
तो ये सारा संसार नहीं होगा।

मैं भी हारा हूँ इश्क में,  
मगर मेरा किसी से कोई ऐसा सवाल नहीं है।  
और यूं तो हज़ारों से मिलता हूँ हर रोज  
मगर दिल में कोई गंदा ख्याल नहीं है..।

आखिर में, मैं जिंदगी से कुछ  
खुशियाँ उधार चाहता हूँ।  
और हर स्त्री का सम्मान हो,  
मैं तो बस ऐसा संसार चाहता हूँ..।

दलबीर सिंह  
बी ए प्रथम वर्ष

## युवा: संभावनाओं का नया आकाश

युवा केवल एक आयु वर्ग नहीं, बल्कि एक ऊर्जा हैं, एक विचार है, एक परिवर्तन की लहर है। यह लहर जब सही दिशा में बहती है, तो इतिहास रच देती है और जब राह भटकती है, तो खुद को भी बहा ले जाती है। आज के समय में जब दुनिया तेजी से बदल रही है, युवाओं के पास अपनी पहचान बनाने के असंख्य अवसर हैं। लेकिन सवाल यह है कि हम इन अवसरों का उपयोग कैसे कर रहे हैं। आज हमारे पास इंटरनेट, डिजिटल शिक्षा और अनगिनत करियर विकल्प हैं। हम किसी भी क्षेत्र में अपने हुनर को निखार सकते हैं, नई चीजें सीख सकते हैं और दुनिया को अपनी कबिलियत दिखा सकते हैं। लेकिन क्या हम सच में इन संभावनाओं को पहचान रहे हैं या केवल भीड़ का हिस्सा बने रहना चाहते हैं। अक्सर हम अपने चारों ओर एक अदृश्य दीवार बना लेते हैं, समाज की अपेक्षाओं की असफलता के डर की या फिर खुद की सीमाओं की। लेकिन इतिहास गवाह है कि वे ही लोग आगे बढ़े हैं, जिन्होंने इन दीवारों को तोड़कर अपने लिए एक नई राह बनाई। हम अक्सर समाज से उम्मीद करते हैं कि वह हमें अवसर देगा, लेकिन क्या हमने खुद से पूछा है कि हम समाज को क्या दे रहे हैं। एक जिम्मेदार नागरिक बनना अपने परिवेश को बेहतर बनाना और अपनी शिक्षा ज्ञान और ऊर्जा का सही उपयोग करना भी हमारी जिम्मेदारी है। आज आवश्यकता इस बात की है कि हम केवल अपने करियर तक सीमित ही न रहें, बल्कि अपनी सोच को भी विस्तृत करें। खुद को सिर्फ एक नौकरी पाने वाले व्यक्ति तक न बांधें, बल्कि एक विचारशील नवाचार करने वाले और समाज में बदलाव लाने वाले इंसान के रूप में विकसित करें !

दिव्यांशु  
बी.स.सी. प्रथम वर्ष



## सुविचार

- 1 रख हौंसला वो मंजर भी आएगा, थक कर ना बैठ, ऐ मंजिल के मुसाफिर, मंजिल भी मिलेगी और मिलने का मजा भी आएगा।
- 2 अच्छे लोगों का हमारी जिन्दगी में आना हमारी किस्मत होती है और उन्हें सम्भाल कर रखना हमारा हुनर।
- 3 ज्ञान में निवेश सबसे अच्छा ब्याज देता है।
- 4 ज्ञान का दान ही सबसे बड़ा दान है और गुरु सबसे बड़ा दानी।
- 5 गलतियां करना बड़ी बात नहीं है, पर गलतियों से ना सीखना सबसे बड़ी गलती है।
- 6 मन के हारे हार है, मन के जीते जीत, मान लो तो हार, ठान लो जीत।
- 7 प्रेम परीक्षा नहीं लेता, प्रतीक्षा करवाता है।
- 8 जो खामोशी को चीरकर ना निकले वो तूफान कैसा और जो गिरकर फिर से ना संभले वो इंसान कैसा ?
- 9 परिश्रम ही सफलता की पूँजी है !
- 10 सच बोलने का सबसे बड़ा फायदा है कि आपको यह याद नहीं करना पड़ता, कि किससे कब क्या कहा था।

मीना देवी  
बीकॉम द्वितीय वर्ष



## ‘बदल गया है जमाना’

बात-बात पर कहते हैं, बदल गया है जमाना,  
किन मायानों में बदला , ज़रा ये भी तो बताना।  
टेलीफोन ओर चिट्ठियों का खत्म हुआ अफसाना,  
मोबाइल ने छीन लिया खुशियों का खजाना,  
ना लिखता चिट्ठियाँ कोई, ना मतलब इंतज़ार का,  
दादी की कहानियों का खत्म हुआ खजाना,  
कहानियाँ कब सुने कोई, जब इंस्टाग्राम पर बीत जाता है दिन सारा।

सच कहते हैं लोग, बदल गया है जमाना।  
भूल जाएंगे खाना खाना, पर भूलते नहीं स्नैप बनाना,  
मक्खन, दूध, लस्सी सब छूटा,  
हर कोई पंसद करें चटपटा खाना।  
रोटी, दाल, चावल को छोड़ा।

शुरू हुआ पिज्जा, बर्गर, चारुमीन खाना,  
ना मिले प्रोटीन फास्ट फूड से, सेहत बनाने पड़ता है जिम जाना,  
तन ढकना छोड़, शुरू हो गया है अंग दिखाना,  
सच कहते हैं लोग, बदल गया है जमाना।  
पहले भाई-भाई में था विश्वास,  
आजकल के विश्वास को खा गई जायदाद,

माँ-बाप के साथ खत्म हुआ वो प्यार,  
हर अपना लगता अपनों को ही अनजाना,  
भाई-भाई हो गए जुदा, कम हुई बातचीत और आना जाना,  
सच कहते हैं लोग, बदल गया है जमाना, बदल गया है जमाना।

अपनी बेटी बेटी, मुश्किल हुआ दूसरे की बेटी बेटी मान पाना,  
अगर होती ऐसी सोच, ना होते बलात्कार,  
ना होती बेटी बोझ डॉक्टर मोमीता आज भी जिंदा होती,

अगर लड़कियाँ सुरक्षित होती,  
कहाँ है लड़कियों की सुरक्षा, पूछता है कोलकता और भारत सारा,  
बेगुनाह को सजा मिले, गुनेहगार घूमें आजाद,  
हर जगह पैसा बोले, खत्म हुआ विश्वास।  
क्यों गलत के पक्ष में होता है समाज और ज़हान सारा,  
अपना बन गया अपने का दुश्मन,

हर कोई जाने जले पर नमक लगाना,  
अमीर बन रहा और अमीर,  
गरीबों को मुश्किल से  
मिले दो वृत्त का खाना,  
अरे ! सच कहते हैं लोग,  
बदल गया है जमाना।

हर जगह धोखा, विश्वासघात,  
दर्द और झूठ का हुआ अफसाना,  
ना लगाना कोई झूठी उम्मीद इस ज़माने से,  
अरे लोग गवाह हैं इस बात के,  
कि बदल गया है जमाना,  
सच कहते हैं लोग बदल गया है जमाना।

रीना देवी  
बीकॉम द्वितीय वर्ष

## तुम होते कौन हो मुझे Judge करने वाले

मेरी छोटी-छोटी गलतियों को To much करने वाले,  
तुम होते कौन हो मुझे Judge करने वाले।  
मेरी जिन्दगी सिर्फ मेरी है, मेरे खुदा ने सिर्फ मुझे बख्शी है,  
तू अपनी तो जीले मुझ पर हक रखने वाले,  
तुम होते कौन हो मुझे Judge करने वाले।  
मेरी छोटी-छोटी गलतियों को To much करने वाले,  
तुम होते कौन हो मुझे Judge करने वाले।  
जिस्म मेरा है, तो कपड़े भी मेरे होंगे,  
गलतियाँ मेरी है, तो फैंसले भी मेरे होंगे,  
अपना काम छोड़कर मेरे कपड़ों पर कमेंट करने वाले,  
तुम होते कौन हो मुझे Judge करने वाले।  
18 की हो गई बेटा संभल कर रहना, 25 की हो गई अभी शादी  
नहीं की ,मेरे घरवालों से ज्यादा मेरी फिक्र करने वाले,  
तुम होते कौन हो मुझे Judge करने वाले।  
पता नहीं किस सोच में जी रहे हैं,  
लड़कों को घर का ताज, लड़कियों को पराया धन कह रहे हैं,  
लड़का और लड़की में फर्क करने वाले,  
तुम होते कौन हो मुझे Judge करने वाले।  
मेरी छोटी-छोटी गलतियों को To much करने वाले,  
तुम होते कौन हो मुझे Judge करने वाले।

अनु देवी  
बीकॉम द्वितीय वर्ष

## चाय की महिमा (हास्य)

कल खाए सो आज खा, आज खाए सो अब  
खाता ही रह जाएगा, फिर चाय पीएगा कब ?

पढ़-पढ़ कर पत्थर भये, लिख-लिख कर कमजोर,  
कबीरा स्वास्थ्य निर्माण हेतु दियो चाय पर जोर।

चित्रकूट के घाट पर लगी सन्तों की भीड़,  
चाय पीते देखे वहां रहीम और कबीर।

राम नाम की लूट है लूट सकें तो लूट,  
कबीर चुस्ती पाएगा चाय का पीएगा जब घूंट।

कबीर इस संसार में कर लियो दो काम,  
चूल्हा जलाओ प्रेम का, चाय पीओ हर शाम।

रात गवाई सोय कर, दिवस गंवाया खाय,  
चाय पीए बिना बिस्तर से अब उठा न जाए।

क्या किया यहाँ आए के क्या करेंगे जाए,  
चाय बिना इस जगत में जन्म अकारण जाए।

था अनुरागी चित का गीत समझे नहीं कोय,  
ज्यों-ज्यों लगे चाय संग, त्यों-त्यों चुस्ती होय।

कविता  
बी ए तृतीय वर्ष

## सुनो द्रौपदी शस्त्र उठालो

छोड़ो मेहदी खड़ग संभालों,  
खुद ही अपना चीर बचा लो  
घूत बिछाये बैठे शकुनि,  
मस्तक सब बिक जायेंगे  
सुनो द्रौपदी शस्त्र उठालो, अब गोविंद ना आयेंगे।

कब तक आस लगाओगी तुम  
बिके हुए अखबारों से,  
कैसी रक्षा मांग रही हो  
दुशासन दरबारों से।  
स्वयं जो लज्जा हीन पड़े हैं  
वे क्या लाज बचायेंगे  
सुनों द्रौपदी शस्त्र उठालो अब गोविंद ना आयेंगे।

कल तक था केवल अंधा राजा,  
अब गूंगा बहरा भी है  
होंठ सी दिए हैं जनता के  
कानों पर पहरा भी है।  
तुम ही कहो ये अश्रु तुम्हारे  
किसको क्या समझाएंगे ?  
सुनों द्रौपदी शस्त्र उठालो अब गोविंद ना आयेंगे।

सुखविन्द कौर  
बी ए तृतीय वर्ष

## जिंदगी

चलती सांसो का आधार है जिंदगी  
मुश्किलों का सार है जिंदगी  
जब कभी खुशी आए, तो दुःख देने वाली है जिंदगी  
हर समय जो लालच का पाठ पढ़ाए  
अपने स्वार्थ को जो पहले रखना सिखाए  
जीवन का संघर्ष है जिंदगी  
सब कुछ पाकर खोना है जिंदगी  
यदि जिंदा रहना है जिंदगी, तो क्या है मरना ?  
अपने सिद्धांत भी भूल जाए  
बस सोते जीवन गुजर जाए  
वह जीवित होते हुए भी मरे हुए कहलाए।  
हर समय बुरी सोच का समूह है जिंदगी  
धोखे से किसी को पीछे छोड़ना है जिंदगी  
मानव से पशु, पशु से मानव बनना है जिंदगी  
एक तरह की दौड़ है जिंदगी  
ईश्वर से बहुत दूर चले जाना है जिंदगी  
दुख, दर्द, मोह, लोभ का आधार है,  
कोरे कागज़ पर सपनों का समूह है जिंदगी।

लखवीर कौर  
बी ए द्वितीय वर्ष



## “ पर उपदेश कुशल बहुतेरे ”

हर जवान में जवानी नहीं होती, जो खत्म हो जाए वह कहानी नहीं होती।  
मरने को तो करोड़ों लोग मरते हैं, लेकिन खाट पर मर जाने से कुर्बानी नहीं होती।।

आज के इस आधुनिक युग में उपदेश तो बहुत लोग देते हैं। लेकिन उसके लिए कुछ करना और कुर्बानी तो कोई कोई ही देता है। दूसरों को उपदेश देना कितना सरल है, लेकिन करके दिखाना अति कठिन है। यही कारण है कि आज के समाज में उपदेशकों की धूम है। आज कल के समाज में मनुष्य की इस प्रकृति की सभी ओर भरमार है। आज समाज के उपदेशकों को लक्ष्य करके ही एक कवि ने लिखा है-

“ लीडरों की धूम है फालोवर कोई नहीं  
सब तो जनरल है आखिर सिपाही कौन है”।

“ पर उपदेश, कुशल बहुतेरे” एक साधारण सी उक्ति है। अधिकतर इस का प्रयोग लोग वहाँ करते हैं जहाँ कोई वास्तविकता को तो जानने का प्रयत्न नहीं करता, केवल उपदेश से ही काम निकालना चाहता है।

वास्तव में देखा जाए तो सभी उपदेश खोखले और व्यर्थ नहीं होते और यह उक्ति सभी पर घटित नहीं होती। हमारे देश में बहुत से महापुरुषों ने जन्म लिया और अपनी जान तक भी न्यौछावर कर दी। देश का उत्थान लोगों का वाणी की प्रेरणा से होता है। ऐसे सच्चे उपदेशकों की समाज और देश को आवश्यकता रहती है। जिस मार्ग पर चलने के लिए कहते हैं वह स्वयं भी उस पर चलते हैं।

सच्चा उपदेशक केवल वाणी का शूर ही नहीं होता। उसकी शूरता कार्य होता है और हंसता हुआ मृत्यु के मुख में भी चला जाता है। वह जो कुछ मुख से कहता है, उसे कार्य रूप में सिद्ध कर दिखाता है।

अतः प्रत्येक उपदेशक को अपने पद की गुरुता को भली भंति समझना चाहिए। सच्चा उपदेशक तभी बन सकता है जब उस में कहने के साथ कर दिखाने की क्षमता होगी। संसार के हृदय पर ऐसी ही वाणी का प्रभाव पड़ता है और ऐसे ही उपदेशक मानव समाज में पूज्य भी होते हैं। आज भारत अपनी स्वतन्त्र नीति पर चलता हुआ “ दिन-दुगनी रात चौगुनी” उन्नति कर रहा है।

‘जय भारत, जय हिन्द’

### अंतिम यात्रा का वर्णन

था मैं नींद में और मुझे-इतना सजाया जा रहा था,  
बड़े प्यार से मुझे-नहलाया जा रहा था ।  
ना जाने था वो कौन सा अजब खेल मेरे घर में,  
बच्चों की तरह मुझे - कंधे पर उठाया जा रहा था।।  
था पास मेरा हर अपना उस वक्त,  
फिर भी मैं हर किसी के - मन से भुलाया जा रहा था।  
जो कभी देखते भी न थे- मोहब्बत की निगाहों से,  
उनके दिल से भी प्यार मुझ पर लुटाया जा रहा था।।  
मालूम नहीं क्यों हैरान था हर कोई सोते हुए देख कर मुझे,  
जोर-जोर से रोकर - मुझे जगाया जा रहा था।  
काँप उठी मेरी रूह वो मंज़र देख कर,  
जहाँ मुझे हमेशा के लिए सुलाया जा रहा था।  
मुहब्बत की इन्तहा थी जिन दिलों में मेरे लिए,  
उन्हीं दिलों के हाथों आज मैं जलाया जा रहा था।

अंकाक्षा

बि.ए तृतीय वर्ष

### विश्वास

विश्वास को ऊँचा कर,  
हर कदम मैं बढ़ाऊँगा,  
कैसा भी रास्ता हो,  
मंजिल मैं पाऊँगा ।

लाख मुश्किलें आएंगी,  
मैं फिर भी न घबराऊँगा,  
हिम्मत बाँधे अपनी मैं,  
बस आगे बढ़ता जाऊँगा ।

नही रूकूँगा, नही थकूँगा।

ऐसा मैं बन जाऊँगा,

अपने साथ ही अपने बड़ों का,

मैं मान बढ़ाऊँगा।

### अर्चना देवी बी ए द्वितीय वर्ष

ये धरती क्या एक दिन,  
आसमाँ पैरों पर झुकाऊँगा,  
सारी कायनात पर मैं,  
इस कदर छा जाऊँगा।

विश्वास को ऊँचा कर,  
हर कदम मैं बढ़ाऊँगा,  
कैसा भी रास्ता हो,  
मंजिल मैं पाऊँगा।

सिमरण  
बी. ए. तृतीय वर्ष

## कुर्सी में गुण बहुत हैं

हर चुनाव में उम्मीदवारों द्वारा बेरोजगारी व गरीबी हटाने तथा विकास करवाने जैसे आकर्षक वायदे किए जाते हैं। चुनाव भी आजकल तो अपवाद का विषय बन गया है। मतदाताओं को लुभाने के लिए तरह- तरह के प्रलोभन दिए जाते हैं, मगर चुनावी वायदों पर अधिक विश्वास नहीं करना चाहिए, क्योंकि चुनावों से पहले तो हर उम्मीदवार द्वारा काफी वायदे किए जाते हैं और जब ये वायदे पूरे नहीं होते चुनाव से पहले तो उम्मीदवार मतदाताओं से कहता फिरता है:

**तुम्ही ने चुनाव में खड़ा किया, तुम्ह वोट देना गरीब जान के।**

मगर चुनाव में जीत या हार के बाद तो उन्हें कुछ भी नहीं याद रहता। चुनाव के पश्चात यदि मतदाता उम्मीदवार से पूछे:

**क्या हुआ तेरा वादा**

**वो कसम वो झगड़ा**

तो अधिकतर उम्मीदवारों से जवाब सुनने को मिलता है

**कसमें वादे, प्यार वफा**

**सब बाते हैं, बातों का क्या**

जहां तक गरीबी और बेरोजगारी को दूर करने का सवाल, तो भी उम्मीदवार यह विवरण नहीं देता कि किसकी गरीबी व किस का विश्वास ? अन्त में मैं मतदाताओं से यह जरूर कहूंगी कि वे अपना वोट अवश्य दें। यदि किसी मतदाता को कोई भी उम्मीदवार अच्छा न लगे तो मैं कुछ लोगो से तो यही कहूंगी।

**“कुर्सी में गुण बहुत है, कोशिश करिए, आप**

**कुर्सी प्राप्ति के लिए उम्मीदवारों नित्य कराइए जाय”**

**‘जय भारत, जय हिंद’**

**इसान जाने कहां खो गए हैं.....!**

जाने क्यों, अब शर्म से, चेहरे गुलाब नहीं होते।

जाने क्यों, अब मस्त मौला मिज़ाज नहीं होते।

पहले बता दिया करते थे, दिल की बातें।

जाने क्यों, अब चेहरे, खुली किताब नहीं होते।

तब ना फेस बुक था ना समार्ट फोन, ट्विटर अकाउंट  
एक चिट्ठी से ही दिलों के जज्बात समझ लेते थे।

सोचता हूँ, हम कहाँ से कहाँ आ गए  
व्यवहारिकता सोचते सोचते, भावनाओं को खा गए।

अब भाई-भाई से समस्या का समाधान, कहाँ पूछता है ?  
अब बेटा बाप से, उलझनों का निदान कहाँ पूछता है ?  
बेटी नहीं पूछती, माँ से गृहस्थी के सलीके,  
अब कौन गुरु के चरणों में बैठकर,  
ज्ञान की परिभाषा सीखता है।

परियों की बातें, अब किसे भाती हैं,  
अपनों की याद, अब किसे रुलाती है।  
अब कौन, गरीब को सखा बताता है,  
अब कहाँ, कृष्ण सुदामा को गले लगाता है।

जिन्दगी में, हम केवल व्यवहारिक हो गए हैं,  
मशीन बन गए हैं, हम सब इंसान  
जाने कहाँ, खो गए हैं।

**कोमल चन्देल**  
**बी ए तृतीय वर्ष**

**मनदीप कौर**  
**बी ए द्वितीय वर्ष**

**माँ**

बचपन की बीती बातों को मैं भूल कभी ना पाती हूँ,  
प्यार तो बहुत करती हूँ माँ, बस इज़हार नहीं कर पाती हूँ।  
रूठ जाए खुदा भी अगर, आप न रूठना कभी,  
टूट जाऊँ अगर मैं तो आप ना टूटना कभी,  
आपको देखकर ही तो कुछ करने की हिम्मत कर पाती हूँ,  
प्यार तो बहुत करती हूँ, माँ बस इज़हार नहीं कर पाती हूँ।  
देना हौसला जब भी कमजोर सा पाओ मुझे,  
चाहती हूँ जब भी रोऊँ आप ही गले लगाओ मुझे,  
आप नहीं होती साथ तो खुद को अकेला सा पाती हूँ।  
आपकी ममता की छाया में जिन्दगी भर रहना चाहती हूँ,  
प्यार तो बहुत करती हूँ माँ, बस इज़हार नहीं कर पाती हूँ।  
कितनी लगन से बनाया होगा खुदा ने माँ को,  
इसलिए हम उस खुदा को सलाम करते हैं।  
देती हैं हमें इतना प्यार जो,  
हम उस माँ को प्रणाम करते हैं।

**कुमारी खुशी**  
**बीकॉम द्वितीय वर्ष**

## कहानी हसीन होनी चाहिए

किरदार चाहे जो भी हो,  
कहानी हसीन होनी चाहिए।  
दिल में अच्छाई और आँखों में प्यार होना चाहिए.....  
मायूसी में क्या रखा है,  
जिंदगी तो गुलजार होनी चाहिए.....

सजते तो सभी हैं आजकल,  
पर उसमें थोड़ी सादगी की मिलावट भी होनी चाहिए।  
यूँ तो सबके जिंदगी का सफर आसान नहीं होता,  
जिंदगी जीने के लिए खुशमिजाज होना चाहिए...  
मिठास होठों पर नहीं दिल में होनी चाहिए.....  
लोग चाहे जैसे भी बताव करें  
पर आपके बताव में संस्कार होने चाहिए.....

स्वार्थ से भरी इस दुनिया में  
थोड़ा निस्वार्थ भी होना चाहिए.....  
किरदार चाहे जो भी हो  
कहानी हसीन होनी चाहिए.....

मनजीत कौर  
बी ए तृतीय वर्ष

## हिन्दी का सम्मान

भारत की भाषा है हिन्दी, भारत की पहचान।  
संस्कृत की पुत्री हिन्दी का, सभी करे सम्मान ॥  
देवनागरी लिपि इसकी, संस्कृत इसकी माता ।  
वेदों उपनिषदों को भारत, युगों-युगों से गाता ॥  
भारत के अमर रचयिता, वेद व्यास भगवान् ।  
संस्कृत की पुत्री हिन्दी का, सभी करें सम्मान ॥  
हिन्दी की पावन गंगा में डुबकी सभी लगाए।  
रामचरित का पाठ करें, और तुलसी के गुण गाए ॥  
भवसागर से नैया पार, लगाएंगे प्रभु राम ।  
संस्कृत की पुत्री हिन्दी का, सभी करे सम्मान ॥  
प्यार करें हिन्दी भाषा से, अंग्रेजी का मोह त्यागें।  
स्वदेशी का शंखनाद कर, भारत भाग्य जगा दे  
दफन अगर अंग्रेजीपन हो, तब जागे स्वाभिमान।  
संस्कृत की पुत्री हिन्दी का, सभी करे सम्मान ॥  
हिन्दी में ही वोट मांगकर, संसद पहुँचे नेता ।  
भाषण अंग्रेजी में देकर हिंदी से छल करता ॥  
अगली बार हराकर उसकी, कर दो नींद हराम ।  
संस्कृत की पुत्री हिन्दी का, सभी करें सम्मान  
अंग्रेजी मान सपुत्रों को, अब तो यह समझाओं ।  
चले गए है आका उनके, गीत हिंद के गाओ।  
अब भाषा है हिन्दी उनकी, देश है हिन्दुस्तान।  
संस्कृत की पुत्री हिन्दी का, सभी करें सम्मान ॥

अभिलाषा चौधरी  
तृतीय वर्ष

## गुरु का महत्त्व

जीवन के सही व गलत का जो पाठ पढ़ाए  
जो हमें सही राह दिखलाए,  
वही सच्चा गुरु कहलाए।  
अपने बुरे शिष्य को भी जो अपने सिद्धांतों  
से अच्छा बनाए, वही सच्चा गुरु कहलाए।  
बिना बोले जो अपने शिष्य के मन की बात  
समझ जाए, वही सच्चा गुरु कहलाए।  
अपने शिष्यों को जो एक समान अपनाएं  
न करे किसी भी विद्यार्थी के साथ भेदभाव  
विद्यार्थियों को जो लाड़ प्यार करे  
वही सच्चा गुरु कहलाए।  
दुःखी शिष्य को भी हंसाए,  
वही सच्चा गुरु कहलाए।  
गुरु के बिना ज्ञान नहीं  
ज्ञान के बिना कोई महान नहीं,  
गुरु से ही विद्यार्थी का जीवन शुरू  
इसलिए गुरु परमब्रह्म कहलाए ।

लखवीर कौर  
बी ए द्वितीय वर्ष

## इंसान ऐसे क्यों हैं?

“एक पत्थर सिर्फ एक बार मंदिर जाता है  
तो इंसान पत्थर को भगवान बना देते हैं।  
वही इंसान रोज मंदिर जाते हैं, फिर  
भी पता नहीं क्यों पत्थर बन जाते हैं।”

“लोग अगर लाश को हाथ लगाते हैं तो  
नहाते हैं पर वो बेजुबान जीवों को  
मार कर खाते हैं। छोड़ देते हैं भोजन  
जिसमें एक बाल निकल जाता है फिर  
क्यों खाते हो अण्डा जिसमें एक  
माँ का लाल होता है।

“इंसान जीवन में हर जगह जीत चाहते हैं  
पर एक फूल वाले की दुकान ही  
एक ऐसी जगह है जहाँ हर कोई  
इंसान कहता है कि हमें हार चाहिए  
ऐसा क्यों? - क्योंकि उन्हें भी पता होता है  
कि वह भगवान से जीत नहीं सकते।”

रोमा  
बी ए तृतीय वर्ष

## हर हालात में

मुझे हर हालात में  
संभाला है उसने  
कोई चोट ना आए  
खुद पलंग से उतारा है उसने

मुझे अपनी गोद में  
खिलाया भी था उसने  
मुझे पहले खुद बाद में  
निवाला खाया भी था उसने

चलना भी सिखाया है उसने  
हर मुश्किल का हल भी सिखाया उसने  
यू तो सब सिखाया  
पर किसी का बुरा नहीं, सिखाया उसने

मैंने हर बात मानी है उसकी  
कोई टाली नहीं  
माँ तो माँ होती है  
तभी किसी की माँ को, दी गाली नहीं

मुझे हर हालात में  
संभाला है उसने  
खुद से ज्यादा मुझे  
जाना है उसने

कतरा - कतरा मेरी आँखों से  
बहता रह गया  
जी नहीं पाऊँगा तेरे बिन  
मैं कहता रह गया  
खुदा की रेहमत से  
मेरा खुदा बच गया,  
फिर सबसे पहले मैं  
खुदा के दर गया

जब मुझे लगी सर्दी  
वो गर्म बनकर आ गई  
डॉक्टर से बुखार की  
हर दवा लेकर आ गई

हर हालात में  
संभाला है उसने  
मेरे लिए  
क्या कुछ नहीं  
किया उसने

वो मेरी हर खुशियों की  
वजह बन गई  
हर माँ जो जमीं पर आई  
तो जमीं भी जन्मत बन गई

और हर जंग जीती नहीं जाती  
कुछ हारा भी था उसने  
मेरी गलतियों पर  
मुझे मारा भी था उसने

उसकी इसी मार ने सुधार दिया  
नहीं तो बिगड़ जाते हम  
दुनिया बड़ी जालिम, सुन कर हर किसी की  
ना जाने कहां जाते हम

हर हालात में  
संभाला है उसने  
मेरे लिए  
अपना क्या कुछ नहीं गवाया उसने

मैंने जमीं पर जन्मत को भी देखा है  
औलाद के लिए माँ को मरते भी देखा है  
कड़्यों को कदर नहीं माँ की  
और कड़ों को माँ के लिए तरस्ते भी देखा है

उसको देखकर, मेरी नम आँखें भी  
हसने लगती हैं  
वो जो मेरी माँ है  
हर रोज मेरी खुशियों का,  
रास्ता बनाने लगती है

और मेरी खुशियों के लिए उसने  
अपना सब कुछ हार दिया  
नन्हीं सी जान था कभी मैं  
मुझे आज इतना बड़ा कर दिया

और हाँ हर हालात में  
संभाला है उसने  
मैं जानता हूँ  
मुझे जिस हालात में, पाला है उसने।

दलवीर सिंह  
बी.ए. प्रथम वर्ष



## नारी! आओ बोलो

वर्षों से जो बंद पड़े हैं,  
उन नयनों को खोलो।  
नारी ! आओ बोलो,  
अब तक जो बुरकों के पीछे,  
अब तक जो मरघट के पीछे,  
अब तक जो घूँघट के पीछे,  
ढाँप रही हो अपने मुख को, छोड़ के पर्दे बोलो,  
नारी ! आओ बोलो।

सबसे पहला प्रश्न करो, उन माताओं से जाकर रोई जो लड़की होने पर, हँसी पुत्र को पाकर। नारी होकर नारी को क्यों छोटा समझा सबने, नारी होकर नारी ही क्यों लगी हृदय को चुभने, भेद किया क्यों तुमने जब ना भेद किया था रब ने, नंगा भेज दिया था दोनों को ही तो कुदरत ने, दूध मांगते पुत्र तो क्या हम रक्त तुम्हारा पीती, दोनों के आहार एक से हम भी यूँ ही जीती। पूछो सब से जिन्होंने भेद किया शिक्षा में, लड़की को चूल्हे पर भेजा, लड़के को कक्षा में। पूछो उनसे भी जिन्होंने दोनों को पढ़वाया, लेकिन घर में लड़की से ही घर का काम कराया। नर को दी आज़ादी जितनी नारी को क्यों दी ना, दोनों को ही एक सा रहकर क्यों न सिखाया जीना। लोग कहेंगे क्या इसकी शिकार बनी क्यों नारी, क्यों नारी पर ही थोपी लज्जा की बातें सारी। पूछो सारे प्रश्न, सभी बातों को नापो तोलो, नारी ! आओ बोलो।

अगला प्रश्न करो समाज से पूछो ये सब क्या है, समता के अधिकार न रखना क्षमता की हत्या है। बहलाया, फुसलाया सबने कन्या को अंधी कर, चंडी कह कर पूजा की और बिठा दिया मंडी पर। मंडी जिसमें कीमत तय करता है केवल नर ही, नर को चाबुक मिली हाथ में नारी को बस डर ही। नारी करती रही काम चोटें चाबुक की सहकर, आहें भरती रही हमेशा सह-सहकर, रह-रहकर। इस पर भी नर हुआ नहीं कभी नारी का आभारी, पितृसत्ता के झोल में नारी रह गई मात्र बेचारी। नर दाता बन कर के बैठा औरत बन गई दासी, समता के स्वप्नों को सदा से लगती आई फाँसी। इस फाँसी का कारण क्या है बस एक नारी होना, क्या ये कारण कर देता है हमको इतना बौना। ज्यादा हो अधिकार नरों में ऐसा अदभुत क्या है, दो दो मस्तक हैं या या पूरी सोने की काया है। होते भी, तो भी ये बातें गलत-गलत ही होती, समता है अधिकार मनुज का बात ये फिर भी होती। ऐसे में वर्षों तक कमतर रखना बोलो क्या था, बुद्धि से प्राथमिकता बल को देना बोलो क्या था। ऐसे पक्षपाती समाज का हिस्सा भला बने क्यों, नारी को ही टुकरा दे ऐसी सन्तान जनें क्यों। रहे मर्द फिर और कहीं हमसे मिलने ना आए, समता के अधिकार न जब तक सारे भाड़ में जाएँ। घुट घुट कर जीना भी जीना होता है क्या बोलो, नारी! आओ बोलो।

अगला प्रश्न करो आगे बढ़कर सारे धर्मों से, कुतर्कों को तोड़ो अपने संयम व तर्कों से। पूछो सबने ने नारी को आंका था कम किस कारण, सब ग्रंथों में लगती है क्यों नारी मात्र भिखारन। देना हो नर को तलाक तो चाहे जब दे जाए, और चाहे तो पत्नी तो पहले पति से अनुमति पाए। पति को है ये छूट कि रख ले चार पत्नियां साथ, वाह री वाह संसार नरों का केवल नर के हाथ। वर्षों से इक चित्र खड़ा है विष्णु और लक्ष्मी का, पैर दबाती पत्नी और देखो आराम पति का। अनुचित है ये कहे नहीं तो और भला क्या बोलें क्या आंखें बंद करें और साथ इन्हीं के हो लें। बुरका, घूँघट सब महिला पर पर्दा करें हम ही हम वो भी क्योंकि मर्दों से नहीं होता मन पर संयम। अंतिम प्रश्न करो खुद से कि किसके संग खड़ी हो। अपने पथ पर हो या पुरुषों के पथ पर चलती हो।

शिव के तीन नयन सोने दो,  
अपने दो तो खोलो  
नारी ! आओ बोलो  
नारी ! आओ बोलो।

अभिलाषा चौधरी  
तृतीय वर्ष

## NSS

एनएसएस सात दिवसीय शिविर :-  
पूरे साल जिसका इंतजार होता है,  
एनएसएस का शिविर बहुत खास होता है।  
साथ मिलकर काम करते हैं,  
एक दूसरे को अकेला महसूस नहीं होने देते हैं।  
साथ मिलकर मनोरंजन करते हैं,  
साथ मिलकर खाना खाते हैं,  
घर जैसा माहौल बना देते हैं,  
इतने लोगों में भी अकेलापन महसूस नहीं होता,  
एनएसएस में कभी कोई पराया नहीं होता ॥

भुपिन्द्र  
बी ए तृतीय वर्ष

## खुद से दोस्ती

खुद से दोस्ती कर ले मुसाफिर,  
वक्त खुद के साथ काफी बिताना पड़ता है।  
मशरूफ है हर कोई पहली जिंदगी की सुलझाने में,  
ये कह कर दिल को समझाना पड़ता है।  
चुभ जाया करती हैं बातें दोस्तों की भी,  
इसलिए अपनी कमियों को दोस्तों से भी छुपाना पड़ता है।  
सफर जिन्दगी का अनिश्चित हो गया है आज कल,  
साथ छूटेगा अपनों का खुद को ये समझाना पड़ता है।  
घूम लो जहां कितना भी मगर ओ मुसाफिर,  
घर लौट कर खुदी के पास आना पड़ता है।  
खुद से दोस्ती कर ले मुसाफिर,  
वक्त खुद के साथ काफी बिताना पड़ता है।

अंकाक्षा  
बी ए तृतीय वर्ष

# PARBAT REKHA

Govt. College, Nalagarh

Statement regarding ownership and other particulars about 'Parbat Rekha' magazine of Govt. College, Nalagarh as required under rule (8) of the registration of the newspaper (Central Rules, 1956)

## FORM - IV

(See Rule 8)

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I, Dr. Shipra hereby declare that the particulars given above are true to the best of my knowledge and belief.

Dr. Shipra  
Chief Editor  
PARBAT REKHA

Note : The views expressed in the articles are those of the contributors and the Editor does not necessarily agree with them