

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
University of Delhi

THE EIGHTEENTH EDITION

RESONANCE' 24



THE ANNUAL COLLEGE MAGAZINE



"Futuristic and Minimalistic: Designing tomorrow"

ABOUT THE COLLEGE



Bhaskaracharya College of Applied Sciences named after a great mathematician of 12th century was established in October 1995. The college is affiliated to the University of Delhi and is funded by the Government of NCT, Delhi. The college takes pride in achieving 'A++' NAAC accreditation in its second cycle and securing 22nd rank in the 2023 NIRF College Rankings. With a vibrant and diverse student community more than 1300, including international students who enrich our campus with their global perspectives. The college has assured its place among the elite institutions in Delhi.

The college is well-equipped with an excellent infrastructure, laboratories, lush green campus, excellent sports facilities and residential apartments for staff. Bhaskaracharya College promotes holistic growth by encouraging its students to actively participate and excel in co-curricular and extracurricular activities. Our highly qualified and experienced faculty are committed to excellence and aim for high standards of teaching and learning. The departmental societies, clubs, cells and committees provide opportunities for the students to foster their talents in sports, NCC and cultural activities.

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Message from the Dean of Colleges



**Prof. Balaram Pani
Dean of Colleges, DU**

मुझे यह जानकर हर्ष हो रहा है कि महाविद्यालय, वार्षिक पत्रिका रेज़ओनेस का 18वां संस्करण प्रकाशित कर रहा है। महाविद्यालय देश की नींव को तैयार करते हैं एवं विद्यार्थी अपने छोटे-छोटे कार्यों में भारत के मूल चिंतन का समावेश कर संपूर्ण सृष्टि के लिए कल्याणकारी जीवन पद्धति विकसित कर सकते हैं।

महाविद्यालय की गतिविधियों की झलक हम सभी को प्रेरित करती है कि हम एक संवेदनशील, सुंदर एवं समृद्ध राष्ट्र की कल्पना प्रत्यक्ष में साकार कर सकते हैं। राष्ट्रीय कैडेट कोर का महाविद्यालय में कार्यान्वयन निश्चय ही एक उज्जवल भविष्य की ओर प्रेरणा पूर्ण कदम है। G20 में महाविद्यालय के विद्यार्थियों का अपने देश की सांस्कृतिक एवं ऐतिहासिक धरोहर का प्रदर्शन उनके उत्साह को प्रदर्शित करता है व विभिन्न कार्यकलापों से जुड़ा हुआ विद्यार्थी समाज में व्याप्त समस्याओं की मुक्ति के लिए जागरूक भी दिखाई देता है। वसुधैव कुटुंबकम् के अनुसार समस्त विश्व की हितकारी भावना ही हमारी मूल आधारित जीवन शैली की पहचान है।

भास्कराचार्य महाविद्यालय से ही मैंने अध्यापन कार्य शुरू किया है। अधिष्ठाता कार्यालय में आज भी सर्वप्रथम मुझे महाविद्यालय की याद आती है। भास्कराचार्य महाविद्यालय की प्रगति से मन को एक आत्मिक आनन्द और संपूर्णता का अनुभव प्रतीत होता है। महाविद्यालय की प्रगति में मैं हमेशा अपना योगदान देना चाहता हूँ।

मैं प्राचार्य अवनीश मित्तल जी को महाविद्यालय के प्रति समर्पण एवं अथक प्रयासों के लिए हार्दिक बधाई देता हूँ। मुझे आशा है कि आगामी वर्षों में भी भास्कराचार्य की सफलता के सोपान, दिल्ली विश्वविद्यालय में आकर्षण का केंद्र बनेंगे और कीर्तिमान स्थापित करेंगे। हमें विकसित भारत-2047 की परिकल्पना को ध्यान में रखते हुए समाज के लिए अहम भूमिका अदा करने के साथ, अपने और समाज के समग्र, सार्वभौमिक विकास को भली-भाँति सुगमित रूप से अग्रसर करना है। हम सभी को निरंतर भविष्यवादी एवं न्यूनतावादी विचारधारा का अनुसरण करते हुए महाविद्यालय के विकास के लिए कार्य करना है।

मैं पत्रिका समिति के सभी सदस्यों को हार्दिक बधाई देता हूँ। मुझे आशा है, रेज़ओनेस पत्रिका का यह संस्करण विद्यार्थियों को एक नई दिशा में समाज के हित के लिए प्रेरित करेगा।

MESSAGE FROM THE PRINCIPAL



**Prof. Avneesh Mittal
Principal (Offg.), BCAS, DU**

Dear Students, Faculty and esteemed Readers,

As I sit down to write this message for our annual college magazine Resonance, I am filled with immense pride and gratitude for being a part of the Bhaskaracharya College of Applied Sciences community. Our college is more than just an institution of learning; it has a vibrant ecosystem where each individual is encouraged to grow, explore, and discover their true potential.

We believe that education should not be limited to academic excellence but should also include the development of empathy, leadership, and social responsibility. Our various clubs, events, and outreach programs have provided students with opportunities to engage with the world around them, learn from one another, and make a meaningful impact on society.

Resonance is a reflection of this philosophy. More than just a magazine, it is a platform that captures the essence of who we are as a community. Each story, article, poem, piece of artwork and photograph featured in this edition represents the diverse talents and perspectives that make our college unique.

Over the past years, we have faced numerous challenges and celebrated countless achievements. In navigating these experiences, I have been continuously inspired by the resilience and dedication of our students and faculty. It is this spirit of perseverance and commitment that forms the backbone of our college's philosophy— a holistic approach to education that goes beyond textbooks and classrooms. This year, we have placed a strong emphasis on fostering a sense of belonging and community among our students.

I would like to extend my heartfelt gratitude to the editorial team, contributors, and everyone who has worked tirelessly to bring this magazine to life. Your dedication and hard work are truly commendable and reflect the collaborative spirit that we cherish so deeply.

In closing, I want to remind all of our students that the journey of learning is a lifelong one. Cherish every moment, embrace every opportunity, and continue to resonate with the values of integrity, curiosity, and compassion. Together, we can make our college a beacon of knowledge, growth, and positive change.

With best wishes for the year ahead.

MESSAGE FROM THE CONVENER



**Prof. Vandana Batra
Convener, Magazine Committee**

Dear Readers,

In recent years, we are witnessing the blending of two seemingly disparate philosophies -futurism and minimalism. Futuristic approach focuses on high tech innovation, technology, complexity, and progress whereas minimalistic approach prioritizes simplicity, clarity, restrain and functionality. The convergence of both philosophies ultimately unites to shape a more efficient, progressive, sustainable, and user centric world. This year, our college magazine resonates with the harmonious blend of "Futuristic and Minimalistic" exploring the synergy between innovation and simplicity.

It is with great delight that I present to you this year's edition of Resonance, the annual magazine of our college. This publication embodies the spirit of futuristic minimalism, demonstrating how its principles can revolutionize college life by fostering productivity, innovation, simplicity, focus, and fulfillment. Within these pages, we showcase the vibrant campus activities, captivating cultural experiences, and diverse social connections that make our college community thrive.

As you explore the pages of Resonance, I encourage you to reflect on the stories and experiences shared by our students and faculty. Let them serve as a reminder of the incredible potential that lies within each of us when we are given the freedom to pursue our passions and the support to overcome our challenges. These are not just words but values that we strive to embody every day at Bhaskaracharya College of Applied Sciences.

I extend my heartfelt gratitude to Prof. Avneesh Mittal (Principal, BCAS) and Prof. Balaram Pani (Dean of Colleges, University of Delhi) for their vision, encouragement, and resources, which have been instrumental in shaping this year's magazine.

My sincerest thanks to our talented and dedicated student editors, designers, photographers, contributors and advisors for their collective effort and commitment that makes our magazine possible.

MESSAGE FROM THE EDITOR-IN-CHIEF



**Meenakshi
Editor-in-Chief**

It is with great pride and excitement that I present to you the 18th edition of our annual college magazine, Resonance. This edition is more than just a collection of stories, articles, and creative expressions – it embodies the spirit of perseverance, learning, and growth.

The journey to bring this magazine to life has been filled with both challenges and triumphs. Starting from scratch, navigating tight deadlines, and working under pressure taught us valuable lessons in resilience. With every obstacle we faced, there was an opportunity to learn something new, and with every task, a chance to grow stronger as a team.

I am deeply grateful to our officiating Principal, Prof. Avneesh Mittal, for entrusting me with this responsibility. His faith in my abilities has been a driving force throughout this journey. I would also like to express my heartfelt thanks to our Convener, Prof. Vandana Batra, and the members of the magazine committee for their continuous guidance and encouragement. Their insights have shaped this magazine in countless ways and it has been an honor to work with such an inspiring group.

No effort goes unnoticed, and I must acknowledge the backbone of this journey- the incredible student editorial team. I'm elated to work with the wonderful, talented and inspiring people while working in the Editorial Board. Their constant encouragement, guidance, and belief in me have been my greatest sources of motivation. Together, we have created something truly special.

I also extend my sincere gratitude to my teachers from the Department of Biomedical Science. I am deeply grateful to my family, seniors and friends for motivating and encouraging me to push my limits and growing.

As you turn these pages, I hope you feel the passion and hard work that went into every word, every image, and every idea. May this edition of Resonance inspire and connect with you, just as it has with us.



FACULTY SECTION

Artificial Intelligence in the Higher Education

Artificial intelligence has become the rule of the day. There is no question that artificial intelligence will eventually become a way of life and that without it, human existence will be inconceivable, intolerable, and unimaginable.

Artificial intelligence has gained widespread acceptance, and its influence is now present in higher education. With the introduction of Chat GPT, for example, it is clear that college students are turning to the simple act of clicking a mouse to write essays and other assignments. Artificial intelligence is unquestionably the way of the future; it is wise, efficient, and goal-oriented. But to assume that artificial intelligence will outweigh the human mind in higher education is both a farce and a tragedy. The simple reason being that artificial intelligence is the creation of the human mind, and creation can never surpass the creator. To put it in Hegelian words, artificial intelligence is the 'other' which finds its true revelation in 'self' of the human alone, that it can be a good servant but a disastrous master since mitigating the essence of 'self' would only result into the eternal void and eventual diminishing of the 'other' itself. If artificial intelligence were allowed to sponge and swallow the space that humans enjoy, it would only end up becoming parasitic, causing a blanket of bleakness to form and sporadic contagion to multiply endlessly.

Thus, it is important for both to have a balanced and harmonious relationship to bear the fruits of utmost utility and positive growth. It can be commanded by the intellect of higher education but it can never command the very intellect of the corpus which governs higher education. The minds with self-composed nonages are built to form a capacity of the primary and secondary imagination by philosophical minds, particular and universal intellectuals and all those who indulge in the domain of higher education. They weave the knowledge of experience and intellect on the tabula rasa of youth to excel in higher education. And that the vibrant analytical, critical school of thoughts are impossible to generate through the commands of a machine which operates on the basis of a set data patterns and programming alone. Human touch gives the commanding, repetitive, mechanical episteme, a fuel of originality, purity and authenticity. Making the education a living breathing testimony for posterity to thrive upon.

In fact, the dissemination of knowledge has always been shaped by the imaginative minds, be it a teacher or a student. And that, increasing the influence or giving a greater impetus to artificial intelligence, will be the final nail in the coffin of higher education itself. In short, artificial intelligence cannot constrict, crib, or circumscribe higher education.

Artificial intelligence, like any other technology, has its own pros and cons. It is only the future that can tell whether it will be a boon or a bane. However, the fundamental reality is that artificial intelligence should enhance human resources rather than replace them.



Dr. Satyawati
Department of English, BCAS

An organ donor can save upto nine lives

IN INDIA, EVERY YEAR NEARLY:

- 500,000 people die because of non- availability of organs
- 200,000 people die of liver disease
- 50,000 people die from heart disease
- 150,000 people await a kidney transplant but only 5,000 get one
- 1,000,000 lakh people suffer from corneal blindness and await transplant.

What is organ donation?

To understand organ donation, it is first important to understand organ transplants. A transplant is a medical procedure where one person's dysfunctional organ or tissue is replaced by that of a healthy person, thus restoring its function. Transplants drastically improve the quality of life of the patient and give them another chance to live. One organ donor can donate up to twenty five different organs and tissues for transplantation. This can save up to nine lives.

What are the different types of organ donations?

In organ donation, a person pledges during her/his lifetime, that after death, certain (or all) organs from the body can be used for transplantation to help terminally ill patients get a new lease of life. Here are the main types of organ donation:

- **Deceased Donor Donation:** Deceased donor donation occurs when organs or tissues are retrieved from individuals who have died, typically as a result of brain death or cardiac death. Organs such as the heart, lungs, liver, kidneys, pancreas, and small intestine can be recovered from deceased donors and transplanted into recipients in need.
- **Living Donor Donation:** Living donor donation involves the voluntary donation of organs or tissues by individuals who are alive and in good health. Living donors can donate organs such as a kidney, a portion of the liver, lung lobes, or part of the pancreas. Living donor transplants offer the advantage of shorter waiting times and better outcomes for recipients compared to deceased donor transplants.
- **Directed Donation:** Directed donation occurs when a donor specifies the intended recipient of their organ or tissue. This may involve a family member, friend, or acquaintance who is in need of a transplant.
- **Non-directed Donation (Altruistic Donation):** Non-directed donation involves the donation of organs or tissues without specifying a particular recipient.

An organ donor can save upto nine lives (Contd.)

In this case, the donor's organ or tissue is allocated to a recipient based on medical need and compatibility.

- Paired Exchange Donation: Paired exchange donation, also known as paired kidney exchange or kidney paired donation, involves matching incompatible donor-recipient pairs with other pairs in order to facilitate compatible transplants.
- Posthumous Donation: Posthumous donation refers to the donation of organs or tissues after death. This can occur through deceased donor donation, where organs are recovered from individuals who have died, or through the donation of corneas, skin, bone, and other tissues following death.

Each type of organ donation plays a vital role in addressing the critical shortage of organs available for transplantation and saving lives.

What Organs and tissues can be donated?

- Heart: Used in heart transplantation for individuals with end-stage heart failure.
- Lungs: Used in lung transplantation for individuals with severe lung disease or respiratory failure.
- Liver: Used in liver transplantation for individuals with end-stage liver disease or liver failure.
- Kidneys: Used in kidney transplantation for individuals with kidney failure or end-stage renal disease.
- Pancreas: Used in pancreas transplantation for individuals with type 1 diabetes or severe pancreatitis.
- Intestines: Used in intestinal transplantation for individuals with intestinal failure or other gastrointestinal disorders.

Tissues for Transplantation:

- Corneas: Used in corneal transplantation to restore vision for individuals with corneal damage or disease.
- Skin: Used in skin grafting for burn victims, individuals with severe wounds, or those with skin conditions.
- Bone: Used in orthopedic surgeries, spinal fusions, and reconstructive procedures to repair bone defects or injuries.
- Heart Valves: Used in valve replacement surgeries for individuals with heart valve disease or defects.

An organ donor can save upto nine lives (contd.)

- Tendons: Used in reconstructive surgeries, tendon repairs, and ligament reconstructions.
- Cartilage: Used in cartilage repair procedures for individuals with joint injuries or degenerative conditions.

Other Organs and Tissues:

- Blood: Blood donation involves donating whole blood, plasma, platelets, or specific blood components to help patients in need of transfusions due to surgery, trauma, or medical conditions.
- Bone Marrow and Stem Cells: Bone marrow and stem cell donation involves donating hematopoietic stem cells to treat blood disorders such as leukemia, lymphoma, and certain genetic diseases.

What deters organ donation?

People may be adamant in their opposition to organ donation due to a variety of reasons, including cultural, religious, personal, and ethical beliefs. Here are some common factors that contribute to adamant opposition to organ donation:

- Religious and Cultural Beliefs: Some religions and cultural traditions have specific beliefs about the sanctity of the body and the afterlife, which may conflict with the idea of organ donation.
- Concerns about Medical Ethics: Some people have ethical concerns about the process of organ donation, including issues related to informed consent, the determination of death, and the potential for exploitation or coercion of donors and their families.
- Fear and Mistrust of Healthcare Systems: In some communities, there may be a lack of trust in healthcare systems or concerns about the fairness and equity of organ allocation processes.
- Misinformation and Misconceptions: Misinformation about organ donation can contribute to adamant opposition. For example, some people may believe common myths about organ donation, such as the idea that doctors will not work as hard to save the lives of potential donors.
- Personal Beliefs and Values: Personal beliefs and values play a significant role in shaping attitudes toward organ donation. Some individuals may simply feel uncomfortable with the idea of their organs being removed after death, regardless of the potential benefits to others.

An organ donor can save upto nine lives (Contd.)

- Cultural Stigma and Taboos: In some cultures, there may be stigma or taboos associated with organ donation or discussions about death and dying. These cultural attitudes can influence individuals' perceptions of organ donation and make them less likely to consider it as an option.
- Fear of Death or Discomfort: Fear of death or discomfort during the organ donation process can also contribute to adamant opposition.

What Motivates Organ Donation?

Organ donation is motivated by various factors, often rooted in altruism, empathy, and a desire to help others. Here are some common motivations for organ donation:

- Saving Lives: The primary motivation for most organ donors is the opportunity to save or improve the lives of others. Knowing that their organs can potentially save someone from suffering or death can be a powerful incentive.
- Legacy of Generosity: Many donors see organ donation as a way to leave a positive legacy and make a lasting impact on the world, even after they're gone.
- Compassion and Empathy: Empathy and compassion for those in need drive many individuals to become organ donors. They understand the pain and suffering of people awaiting organ transplants and want to alleviate that suffering if possible.
- Personal Connection: Some people have a personal connection to organ donation through friends, family members, or loved ones who have either received an organ transplant or are waiting for one.
- Religious or Spiritual Beliefs: In many religious and spiritual traditions, there is a strong emphasis on altruism, charity, and helping others.
- Gratitude for Life: Some individuals who have overcome serious illness or medical challenges may feel a deep sense of gratitude for their own lives and want to pay it forward by giving others the chance to live healthier and happier lives through organ donation.
- Awareness and Education: Increased awareness and education about the importance of organ donation can also motivate individuals to become donors.

Overall, organ donation is motivated by a combination of empathy, altruism, personal beliefs, and a desire to make a positive difference in the world.



Dr. Lalit Kapur
Department of Chemistry, BCAS

Bananas with Seeds

The incidence is of about those days when I was in Central Sanskrit University (CSU), Bhopal for master's level training of Indian Knowledge Systems. (26/02/2024 to 02/03/2024).

The campus was green and full of many fruit trees. The Director of the campus, Prof. Ramakant Pandey interacted with us on the very first day of training and said that you can enjoy all kind of fruits here in our campus. One day when I was on morning walk, I saw few of our fellow trainees were enjoying Jujubes aka. Ber. I went closer to the ber tree and as usual I also plucked and enjoyed the fruit. Adjacent to the ber tree I saw cluster of banana plants one of which was having a bunch of fruits also (Pic.1). I went closer to the plant and plucked 2-3 fruits from it, came back to my hostel room, washed it. To my surprise when I peeled it, I saw seeds all over it (Pic 2). I cut the fruit longitudinally in two halves, the seeds were all over the pulp (Pic 3). The seeds were very hard, I kept it between my molars and tried to crack, the coat was very tough (Pic 4). I was very excited because I had never seen the seeds of banana, however while teaching history of fruits to students I always use to tell about the bananas having seeds, the variety is known as Musa balbisiana which is one of the parents of our edible banana variety the another one is Musa acuminata. Most cultivated bananas are either from these two species or the hybrid of them. The modern edible seedless banana varieties are generated by parthenocarpy. In Botany and Horticulture parthenocarpy is known as production of fruits bypassing the phenomenon of fertilization, which makes the fruit seedless. I discussed with Prof. N.S. Abbas (TIC, Dept. of Botany, BCAS) about this incidence. He advised me to check the germination of these seeds.

At the last day of my training, I talked to the Head organizer at CSU about this plant. He told me that at the time of construction of campus these plants were already there, and we did not uproot this plant rather we build a wall around the bunch of these plants. This gave me an idea about the wild origin of this plant. I asked to Director CSU to take some fruits along with me to Delhi. He said, "why not". I brought four fruits with me; I took 4 pots one pot was filled with pure compost made by dry leaves and vegetable peels (10:1 ratio) in the college nursery, one pot was filled with pure soil and rest of the two pots were filled with compost and soil (50:50 ratio). The fruits having seeds were sown on March 5, 2024. The germination of the fruits with seeds sown in pure compost responded earliest and after approximately one month (Pic 5). The soil plus compost sown seeds were delayed by approximately 15 days (Pic 6) and the seeds sown in the pot having only soil did not respond even after two months. The saplings grown in pure compost were transferred from pot to land successfully on April 19, 2024 (Pic 7).

Bananas with Seeds (Contd.)

Conclusion

The conclusion can be drawn from this short story that germination of hardy seeds like banana is not possible in the soil having lesser organic content. It was also observed that not only germination of the seeds took place at faster rate in the pure compost, but the saplings were more greener and healthy.

Future Prospects

The saplings will convert into a full shrub after few days in college nursery and the fruits with seeds can be a good live sample to teach the journey of banana plant from seed to seedless variety to Botany students.

Acknowledgements

I am obliged to our Principal, Prof. Avneesh Mittal who have shown his trust upon me and permitted me to do the master's level IKS training at CSU, Bhopal. I am thankful to our TIC, Prof. N.S. Abbas who suggested me to check the germination of seeds. I am grateful to the Director, CSU who allowed me to collect the fruits from CSU campus. I am also thankful to Dr. P. Chitralekha (Retd. Associate professor, Dept. of Botany, Dyal Singh College, University of Delhi) in the identification and authentication of the species.

Special Credits: A very special credit goes to our college gardener Mr. Dinesh Kumar and Lab staff Mr. Anup Kumar. Mr. Dinesh helped me in the compost preparation during rainy season at the college. Mr. Anup took care of the pots until germination of seeds and transferred the saplings to nursery land.



Pic 1



Pic 2



Pic 3

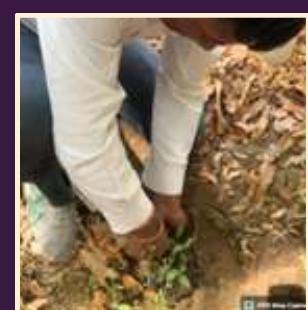
Pic 4



Pic 5



Pic 6



Pic 7



Dr. Shikha Srivastava
Assistant Professor, Department of Botany, BCAS



ENGLISH SECTION

Futuristic and Minimalistic

“Over consumption and overpopulation underlie every environmental problem we face today”, so is said true by Jacques Yves Cousteau, a French naval officer, oceanographer, filmmaker and author. When we consider our future we look for what's safer and secured for us, but are we even going to be alive by then? Sounds weird, right? But this indeed will soon become the reality if we don't take a pause at the pace of our consumption of resources.

Overpopulation is the most concerning topic of the 20th century but the challenge we have now, as humans, is over consumption. To leave a legacy for future generations, we must ensure they have access to essential resources, starting with food. Speaking in simple terms, we as humans have to create a future using minimal resources so that we can also save some resources for the upcoming generation and even fulfill our needs, which also turns out to be the definition of sustainable development.

Using minimal resources for our future might sound a bit challenging, but there are surely many ways to achieve this task. For example, over consumption should be stopped of materialistic things, we must adopt sustainable practices like using electronic gadgets for the longest time possible so that we don't generate non-biodegradable e-waste. Similar action should be taken for all reusable products like glass, & even clothes, single use plastic should be avoided at maximum level and organic ways of farming must be promoted.

Apart from this, rainwater harvesting, using of manure, use of electric and public transport, using cashless payments etc., are some of the common ways of being minimalistic. A better future is everyone's dream; it's our responsibility to give one to the future generation

Chitra
B.Sc. (Hons.) Computer Science
I Year

Embracing the Future: Minimalism and Essence of Pahadi Culture

As we move into a future filled with new technology and ideas, the concepts of 'futuristic' and 'minimalistic' living become more popular. These ideas focus on keeping things simple, sustainable, and meaningful. Notably, we can learn a lot about this way of living from the traditional culture of Uttarakhand, also known as Pahadi culture.

In the beautiful mountains and valleys of Uttarakhand, people have always lived in a way that matches the ideas of minimalism. Pahadi homes, known as 'Pahari' are made from local materials like stone, wood, and mud. These homes are eco-friendly and show the beauty of simplicity. They are designed to be practical and blend in with nature, which helps protect the environment.

Looking at the future, it is important to mix new technology with traditional wisdom. In Uttarakhand, farmers are starting to use modern tools like drones to help with farming. This combination of old and new methods shows how tradition and technology can work together.

Pahadi culture values simple celebrations. Festivals like Phool Dei and Harela are about nature and the changing seasons. These events focus on community, music, and dance rather than on big, expensive displays. In a world that often values excess, these festivals remind us that simplicity and staying connected to our roots bring true joy.

As we strive for a future both 'modern' and 'minimalistic', there is much to learn from the Pahadi culture. The focus on sustainability, simplicity, and a deep connection with nature offers important lessons. Combining traditional wisdom with modern innovations, we can create a future that respects our cultural heritage while meeting new challenges.

Ayush Negi
B.Sc. (Hons.) Chemistry
III Year

Dilemma: Being or not?

Every perceivable presence in all experiences is as 'symbols' and 'concepts'. It's only a chance of quantity not quality, as we live in relatively complex symbols of civilization—although their nature is overall the same. The fact that the essence of being, our knowledge of subject and object or becoming something so-called a person are all built upon the subtle cyclic play of 'perception and conception', and can only be inherited by our surroundings as we grow. The very criteria for recognition of symbols are their attributes. Likewise, words don't possess any inherent meaning, but we associate them with some thought, objects or phenomena. That's how a word triggers our thoughts and actions. So, the whole sort of process is about 'perception and conception'. When we study some theory or concept, let's say gravity, it does not bother us until we have something to do with it or answer questions about it, otherwise we keep it away. However, when it comes to the subject (self), the things that appear to be continuous with consciousness, i.e. experience, memories, social circle, perspective etc., which makes you, you and me, me; we accept them and show ownership of them unconsciously. If we reverse, and associate ourselves with gravity, then we will become the same; "seeing is being". But the truth is, gravity and self-image is not dual person. The difference is gravity is like water entering the room through the door, so we easily grasp and eliminate it as an outer object. However, creation of a self as an entity is like water entering the room through an elusive pore in walls. "Most people recognize the presence of water as part of the room as they fail to discriminate or are unable to know the process of entering." And if I manage to eliminate all waters, and stay nothing, then, who am i? What's this whole story for?

Sonu K Ray

Futuristic and Minimalistic

Futurism is when we envision ahead of time when it comes to aspects such as technology or even as abstract as 'way of living.' When we speak of minimalism, the first definition with what I would like to describe it, is a concept we use to give our eyes a sense of 'unburdening.' Our generation frequently blends the concepts of aesthetics and minimalism in their social media lives. But let us also put forth the idea of using this minimalistic, this less cluttered approach for our future selves and living styles too.

The future that we foresee is a one that works on sustainability, where the minimalistic approach comes to work, we prefer quality over quantity, this way whilst we are stepping into the future, we are also reducing the deleterious footprints along! Innovation, developing techniques that help the world to cut down on waste can be promoted, if we take up an approach that is less messy, by which I imply that the world could take a step forward to develop solutions to problems that are user-friendly while being dynamic in nature too, so that the upcoming needs and necessities can be met up to.

One abstruse reason for which I think minimalism can lead to a better and blooming future is because only by this we humans will be able to humanize a little more, by prioritizing an understanding that is beyond materialistic majesty.

Naaisha Raina
B.Sc. (Hons.) Biomedical Science
I Year

PSYCHOLOGY OF ADVERTISEMENT

We all come across numerous advertisements daily, whether in newspapers, social media, billboards, television, etc. Sometimes, we are also influenced to buy the advertised product or idea. Therefore, we can define advertising as an act of changing the attitude of people toward a product or an idea.

The change can be negative as well as positive. Let's look at it with an example: a poster advertising the importance of mental health strengthens a positive attitude towards mental health, but if it is presented exaggeratedly and alarmingly, people might become a bit negative towards mental health. Credibility and attractiveness play important role in advertisements. An athlete promoting a healthy drink will influence more people than a high school student promoting the same product. Emotional appeal also makes a huge difference in conveying our message. You must have noticed that a good number of advertisements bring an emotional factor by showing family bonding or friendships that successfully creates a positive impact on people and attracts them towards the product. The mode of reaching people is another important factor. The face-to-face transmission approach is seen to be more effective than indirect transmission through letters and pamphlets. A significant change has been seen in this approach after the rise of digital marketing. Visuals, audios, and the internet are very similar to face-to-face interaction but not a replacement for the latter.

In the end we can transcend that successful advertisement depends on its ability to connect with people on a meaningful level and leave a lasting impression.

Khushboo Bhanot
B.Sc. (Hons.) Microbiology
I Year

Invest in Women : Accelerate Progress

Investing in women means giving them opportunities and support to do better in life. It's not just the right thing to do, it's smart too. Historically, women have faced barriers to education, employment, and leadership roles, hindering their ability to contribute fully to society. By investing in women's education and skills development, we empower them to break free from these constraints and pursue their passions and aspiration.

Let's start our journey with a powerful slogan that encapsulates our mission.

Slogan: "Empower Women, Ignite Progress,

Invest in Dreams, Watch Success."

Investing in women's economic empowerment has far-reaching benefits. Women are often the backbone of informal economies, particularly in developing countries, where they play crucial roles in agriculture, small businesses, and household management. By providing women with access to financial services, markets, and entrepreneurship training, we unlock opportunities for economic growth and poverty reduction at both the individual and community levels.

Moreover, investing in women's leadership and representation is critical for fostering inclusive governance and decision-making. When women have a seat at the table, they bring diverse perspectives and priorities that enrich policy discussions and enhance the effectiveness of public institutions. By supporting initiatives that promote women's political participation and leadership, we strengthen democratic governance and advance gender equality.

In addition, investing in women's health and well-being is essential for building resilient societies. Women's health affects not only their own lives but also the health and prosperity of their families and communities. By ensuring access to reproductive healthcare, maternal and child health services, and nutrition programs, we improve outcomes for women and children, leading to healthier and more prosperous communities.

In conclusion, investing in women is a multifaceted approach that yields significant dividends for society as a whole.

Srishti Gupta

B.Sc. (Hons.) Food Technology

I Year

She Leads

"Until we get equality in education, we don't have an equal society" and so is well said by Sonia Sotomayor, the first Hispanic Women to serve in the American supreme court. Gender equality or in other words, Gender Parity is still a stigma on human race when it comes to education. Which indeed gives us the live example of how it has been raised as a challenge even in the SDGs by the United Nations.

The Sustainable Development Goals (SDGs), also called the Global Goals are 17 agendas raised by The United Nations which were adopted by 193 nations to create a better world to live in. Agenda number 4, Quality Education deals with gender parity in education and the quality of education delivered. But a problematic view is still visible in the current scenario. According to the reports released by UN Women, "Despite progress, as many as 48.1 per cent of girls remain out of school in some regions. Gender gaps in primary and secondary enrollment rates have nearly closed, on average. Yet 15 million girls are not in primary school right now, compared to 10 million boys. In adolescence, higher numbers of girls often drop out of secondary school for reasons including early pregnancy and the expectation that they should contribute to household work." Not only in their learning phase but also women involved in teaching service have faced a gender gap which in turn is visible in the pay scale, work environment, opportunities available and given, allowances and many more. Its not just the women facing hard times but people from different communities like LGBTQ have often highlighted the discrimination done when it comes to education.

Though a long road stands before us as a responsible citizen, turning backwards would provide no solution. Hence to overcome the challenges laid before us, innovative ideas in educational practices and policy solutions should be provided to achieve this Global Goal. And it could start as simple as possible like by providing equal number of ratio in schools, equal no. Of ratio should be made available in job opportunities, Staff selection policies must include to increase the number of qualified women and eliminate the biased hiring process. Work-life balance must be provided both by private and government sector to increase the number of working women by providing maternity leaves, option for work from home, good amount of appraisals before retirement etc, pay scale must be made equal or onto the basis of work done rather than discriminating on basis of their gender. And what could be more helpful for women than providing them with the knowledge of technology, separate workshop/internships/live classes must be organised to provide hands-on of the rising technology, this would not only make them technically independent but also industry ready. Product designing, promotion and partnership with equal financial aid will boost their confidence in the market and more entry would be visible in the business sector. The list does not end here and with this fast paced world more challenges might erupt but the basic SDGs' challenges can be achieved if we act right and if we act now!

Chitra
B.Sc. (Hons.) Computer Science
I Year



This is one of the award winning entries in the Video Essay Competition for undergraduate students of Indian educational institutions on the topic 'Strategies for achieving gender parity in education by 2030 in alignment with SDG4 organised by New Zealand Education'.

‘The Power of Minimalism : Inspiring Examples for a Simpler, Sustainable Life’

Minimalism is all about cutting the clutter and honing in on what truly matters. It's not just about tidying up physical spaces but also about achieving emotional and mental clarity. By reducing excessive possessions, minimalism promotes a stress-free lifestyle, as fewer belongings mean less upkeep and worry. Minimalism is more than a trend; it's becoming a cornerstone of modern living and is shaping the future.

Now that we have a clear understanding of minimalism, let's explore real-life examples that can inspire and influence both current and future generations. These examples have the potential to make a significant impact and drive meaningful change.

An exemplary application of a minimalistic and forward-thinking mindset is the zero-waste wedding concept adopted by Dr. Poorvi Bhat, a nutrition and wellness specialist based in Bengaluru. Rather than hosting a lavish affair, Dr. Bhat's family opted for a sustainable, eco-friendly celebration. The wedding mantapa was constructed from sugarcane stems, decorations were crafted from mango leaves, and garlands were made using cotton threads, eliminating the need for plastic. Dr. Poorvi Bhat and her family collaborated with the Solid Waste Management Roundtable (SWMRT) to bring their eco-friendly wedding to life. This organization helps Bengaluru residents host sustainable events at no cost. Such sustainable weddings can reduce expenses by up to ₹50,000, alleviating the financial burden on many families. The pressure to organize extravagant weddings often leads families to incur bank loans and suffer from debt-induced stress. Additionally, zero-waste weddings significantly reduce environmental impact by minimizing waste, conserving resources, and promoting sustainable practices. These weddings also set a powerful example for others, encouraging a broader shift towards more responsible and eco-conscious celebrations.

Another remarkable example of minimalism is the innovative invisible induction cooktop recently manufactured by Bunnell Pvt Ltd. This countertop does not heat up, enhancing safety and reducing the risk of burns. This cutting-edge technology eliminates the fear of fire outbreaks, transforming a potential hazard into a strength. Additionally, the cooktop offers the advantage of utilizing the countertop space when not in use. It is faster than traditional gas or electric cooktops, saving valuable time that can be devoted to other important tasks. The sleek, minimalist design seamlessly integrates with modern kitchen aesthetics, and its energy efficiency contributes to lower utility bills and a reduced environmental footprint.

By discovering and incorporating new, innovative methods of minimalism into our daily lives, we can lead more intentional, meaningful, and stress-free lives. Focusing on what truly matters and letting go of excess allows us to create a balanced and fulfilling existence, paving the way for a brighter future. Minimalism not only benefits our personal well-being but also has a positive impact on the environment by reducing waste and conserving resources. As more people embrace minimalism, we can foster a more sustainable and mindful society, where quality of life is prioritized over the accumulation of material possessions.

Hanshika

B.Sc. (Hons.) Biomedical Science

I Year

Changing Dynamics in World Order: India's Evolving Role

In the contemporary global landscape, the dynamics of the world order are undergoing significant transformations, shaped by geopolitical shifts, technological advancements, and socio-economic changes. Amidst these changes, India is emerging as a pivotal player, contributing to and adapting to the evolving international system.

One of the key factors influencing the changing world order is the reconfiguration of power dynamics. Traditional power structures are being challenged by the rise of new actors, such as emerging economies and non-state actors, alongside the relative decline of traditional powers. India, with its growing economic prowess and demographic dividend, is increasingly asserting its influence on the global stage.

As the world's largest democracy and one of the fastest-growing major economies, India's role in shaping global discourse on issues like climate change, trade, and security is becoming more pronounced.

Moreover, technological advancements, particularly in the realm of information technology and communication, are reshaping the way nations interact and conduct diplomacy. India, with its thriving tech industry and a burgeoning startup ecosystem, is leveraging digital platforms to engage with the world and enhance its soft power. The country's expertise in areas like IT services, space exploration, and renewable energy positions it as a valuable partner in addressing transnational challenges and fostering innovation-driven collaborations.

Furthermore, India's foreign policy outlook is evolving to reflect its aspirations for greater regional and global engagement. The country's "Act East" and "Neighborhood First" policies underscore its commitment to strengthening ties with its immediate neighbors and expanding its influence in the Indo-Pacific region. India's proactive involvement in multilateral forums like the United Nations, G20, and BRICS reflects its determination to shape global governance structures in line with its interests and values.

However, India's journey towards assuming a more prominent role in the international arena is not without challenges. Persistent issues such as poverty, inequality, and regional conflicts pose internal hurdles, while external factors like geopolitical rivalries and protectionist tendencies among major powers present external challenges.

In conclusion, as the world order undergoes a period of flux, India's evolving role is characterized by a blend of opportunities and challenges. By leveraging its economic potential, technological prowess, and diplomatic acumen, India has the potential to emerge as a significant force for stability and progress in the rapidly changing global landscape.

Suyash Gupta
B.Sc. (Hons.) Computer Science
I Year

Reflection: Egyptian Myths

I was always interested in Egyptian myths, and at some point started researching it and pursued Egyptology as a career option, the study of ancient Egyptian history which includes Egyptian myths also. That turned out to be a whim, but it taught me many new things. In Egyptian myths, the most ancient God is Ra, the sun god who has 3 phases: Khepri (worshiped as a beetle), Ra, and Khnum or Amun as the morning, afternoon, and evening sun respectively. His offsprings Nut (sky) and Geb (earth) were responsible for the emergence of humans. Although Ra ordered Shu (wind/atmosphere) never to let Nut and Geb meet, but he eventually faltered, and that gave rise to the four other major Gods of Ennead (the sacred order of 9 most powerful Gods) namely, Osiris, his wife Isis, Set and his wife Nephthys. Osiris being the king of afterlife, and so one of the seven courts of the underworld, judges every human soul through balancing that person's heart against the Feather of Truth, which is protected by Anubis (son of Shu), the jackal God. However, the hearts that are lighter to the Feather of Truth are devoured by Ammit, the Devourer. According to Egyptian myths, dead persons were buried with their heart intact, and all other organs were excluded from the body, as heart is the deciding factor if the soul of the person would become an Effigy (a soul which isn't able to enter Duat because of an impure heart, and is forever stuck in the Field of Torments), or if the heart will weigh equal or more than the Feather, then the soul would enter the Duat (basically heaven, or to be more precise the astral plane). Isis is the Goddess of health and protection, and even healed Ra once, after poisoning him herself though. Set was the dark horse of the family, who wanted the powers of all the gods by trapping them in a red pyramid. However he remained unsuccessful, and was apprehended by Horus (son of Osiris and Isis), the God of bravery, hawks, and strength. And this is why Nephthys never liked her husband Set. The antagonist, more dangerous even than Set, is Chaos itself, namely Apophis, a snake in the 6th court of the underworld, who wants to devour Ra. He journeys in his special boat as Kephri, Ra, and Amun on earth, and enters the 7 courts of the underworld.

Amitabh Jorwal
B.Sc. (Hons.) Zoology
II Year

e-Kranti : A Digital Revolution

Nowadays, a word e-Kranti has become a very common which overall means promoting e-governance across all over India. Its main vision is to ensure wide transformation of government by delivering all government services electronically to citizens via integrated, transaction systems through multiple modes. e-Kranti basically means revolutionizing digital. Its main aim is to harness the power of digital technology to transform governance, empower citizens, and citizens, and bridge the digital divide in India.

There are many other objectives of e-Kranti that everyone talks about nowadays, such as enhance transparency and accountability in governance, promote general growth and development through digital infrastructure and bridge the rural-urban and digital divide etc.

The main key components of e-Kranti are digital infrastructure (which means building strong digital infrastructure and connectivity to reach every corner of the country), easy governance (which means providing citizens with easy and convenient access to government services through online platforms), skill development (which means to enable citizens with the necessary digital skills and literacy to participate in the digital economy), secure and trusted environment (which means ensuring a safe and secure digital environment for citizens to carry out online transactions and access services).

There are many progresses and achievements of e-Kranti, like establishment of Common Service Centers providing access to over 200 services, implementation of 'Digital Locker', enabling citizens to securely store and share important documents and introduction of 'Bharat Net' a high speed broadband network connecting over 250,000 villages etc. There are also some challenges in implementing e-Kranti like language barriers (creating multilingual platforms to cater to diverse linguistic communities across India), digitally illiterate population (providing digital literacy programmes to bridge the gap between those who have access to technology and those who don't) etc.

Hence the conclusion is that e-Kranti is revolutionizing the way India functions, bringing digital empowerment to millions and paving the way for a brighter, inclusive, and digitally advances nation.

Yachika Tanvar
B.Sc. (Hons.) Chemistry
II Year

URBAN EDEN: GREEN & CLEAN

Sameera and Lena were roommates with a shared passion for saving the planet, though their approaches were quite different. Lena spent weekends turning their tiny balcony into a lush garden, where tomatoes, herbs, and veggies thrived. Her latest project? An article titled "Urban Farming: How to Grow a Forest in Your Closet," filled with tips for transforming small spaces into green havens.

She wrote about the joys of homegrown produce: harvesting basil for pesto, savoring sun-warmed cherry tomatoes, and sprinkling rosemary on focaccias. "Why settle for sad supermarket veggies when you can grow your own happy produce?" she wrote. "Urban farming is a leafy rebellion against the concrete jungle. Plus, nothing impresses a date more than serving a salad you grew yourself."

Meanwhile, Sameera was in full swing filming for her YouTube channel, 'Zero Waste Wonderland'. Surrounded by mason jars, bamboo toothbrushes, and cloth napkins, her apartment was zero-waste shrine. Lena joked they'd be the last survivors if the world ended, thanks to Sameera's pantry and her garden.

As Lena finished her article, Sameera, pausing her video, reminded her to avoid plastic plant pots and to highlight composting kitchen scraps. Lena rolled her eyes, already ahead of her. Together, they filmed a segment on bulk buying and jar storage.

Lena held up a jar like a wine glass, "And if you run out of food, the jars make excellent drinking glasses."

Suddenly their phones buzzed simultaneously. "You won't believe this," Sameera said. "Your article's gone viral! And we're featured on a local TV segment about sustainable living!" Stunned, Lena and Sameera hugged. Their green revolution was about to hit prime time. The adventure had only just begun.

Experiences & Learnings from All-India Sea Training Camp (AISTC)-NCC (Nov 2023)

Jai Hind Everyone,

I am Umesh Yadav, a cadet of 2 Delhi Naval Unit (2DNU) and a 3rd year student of Bhaskaracharya College of Applied Sciences, University of Delhi from the Instrumentation Department. I am very excited and glad to share my recent experience from one of the prestigious camps of All India Sea Training Camp (AISTC) which was conducted in the Western Command of the Indian Navy at Naval Dockyard Mumbai from November 10-23, 2023.

During my camp, I was on INS BEAS (F37) which is a Brahmaputra Class Guided Missile frigate of the Indian Navy. I spent around 10 days on board warship. I went for sailing in the Arabian Sea on INS Brahmaputra (approx. 50 to 60 nautical miles). Through this, I have learnt a lot of things about the workings of warships, the roles and responsibilities of naval personnel and the sheer importance of maintaining discipline always at every level.

I have been taken to Indian Navy frigate and destroyer warships like INS Betwa, INS Tarkash, Shikra Air Station at Colaba (heliport). Apart from this, I saw many other warships like the INS Kolkata, INS Visakhapatnam, INS Imphal, INS Prabal, INS Abhay etc. even I have also been taken into the submarines to introduce their working mechanism in detail. Being a student of Instrumentation, I learnt and observed the practical application of the instruments that I am studying, this helped me very much to understand the instruments and related technologies used on warships and submarines.

During my camp, I got the opportunity to interact with and learn from many cadets who came across the country. Naval staff and officials amongst them were Vice Admiral Western Command Sh. Dinesh K. Tripathi who took over the charge as Vice Chief of the Naval Staffs on January 04, 2024, Rear Admiral Sh. CR Praveen Nair who took over charge as Fleet Commander of Indian Navy's Sword Arm on November 10, 2023 and also with Major General Sh. Yogender Singh who is the Additional Director General of Maharashtra NCC. The most memorable and honourable moment for me was getting the opportunity, after selection amongst the cadets, to deliver a speech on INS Tarkash about my learnings throughout the camp in the presence of naval officials, staff and cadets.

This camp has provided me with an excellent platform to learn and enhance my technical knowledge and understanding of the warships and many types of equipment used thereon like missiles (Brahmos, Udan, Anti-submarine Torpedoes etc.), gunnery systems (SIG716 Assault Rifles etc.), maritime skills, teamwork skills, way of dealing with situation by putting myself into another's shoes, leadership abilities and the sheer importance of discipline in every span of life, and above all the determination and courage required to be a soldier for our incredible country.

The important life learnings and observations beyond the technical things from this Indian Naval camp for becoming a soldier of life and able to contribute to the country were:

☆Push Your Limits: Demanding physical training, mental agility, and unwavering discipline forge you into a steel-willed guardian of the seas.

☆ Adapt and Conquer: From scorching sun on warships to deep dives in submarines, embrace constant change and master complex technology.

☆Brotherhood under the waves: Forge unbreakable bonds with your crew who is your family at sea, facing challenges and triumphs together.

☆Discomfort is OK: If you are in a discomfort zone that means you are on the right track.

☆Acceptance is the Key: Whatever kind of situation you have, accept it as it is, and then find out what can be done to deal with and conquer it, and then move on and, yes, be ready for the next situation because our life will always be filled with various favourable and non-favourable situations.

☆Ignorance is the choice: Life is all about your choice, you get the result of what you choose. And the choice is totally in your own hands.

Importance of ABCD in life:

A= Attitude & Aptitude,

B= Believe in yourself self,

C= Consistency and commitment (to oneself and others),

D= Discipline is the most important thing in life.

☆ Build your character with self-discipline: 'What kind of work you are doing when no one is watching you' is the real meaning of self-discipline which helps to build your character.

☆ Don't Compare yourself with others: Everyone has a unique life journey. From the moment we're born, we carve our own paths filled with experiences, decisions, relationships, and challenges that shape who we become. No two journeys are ever the same, and that's the beauty of it!

☆ Become your own better version: Work on yourself by learning 1% every day, compare yourself to your own previous version and become your own better version.

☆ Work on the principles of: Manasa (mind), Vacha (speech), Karma (action), which means what you think, what you say and what you do these all should be synchronised optimistically. If we follow this, we become a person who is full of self-confidence, self-esteem, discipline, consistency etc.

☆ Be Optimistic: The reality may scare you about the change but optimism will help you to bring the change. Optimism shapes your reality. The pessimist complains about change, the realist adjusts to change, and the optimist expects and brings change. Realistic optimism is the best. So, hope for the best and prepare for the worst.

Last but not the least:

☆ Everyone has similar kinds of problems but your belief system makes the difference.



Two Submarines at the naval dockyard for the maintenance.



A Helicopter is being prepared to fly at Shikra Air Station at Colaba (heliport) in Mumbai.



INS Imphal (D68) at Naval Dockyard, Mumbai

I don't wish to be here.
Roots swollen with rot,
Leaves turning brown and dead
This version of me? I'm not.

Toxic fumes and acid tears
Run down slopes like an avalanche.
Booming thunder roars with glee.
I sink under the me(n)tal bars again.

Sunrays blinding volcanoes
Clouds lighting up trees,
The smallest pin drops.
Like our crashing hopes and dreams.

Behold! Benevolence of a future
unknown
Soulless eyes behind all screens;
Wavering, crashing, shutting down
Artificial governance covering screams.

When your eyelashes flutter
Gently in their delicacy,
Imagine a mother's lullaby singing
To burn cradles on the hometown tree.

And maybe the nectar of her voice
Will soothe the pain of anguish,
Anticipation coursing through veins
Slashed under panicked hesitance.

I don't wish to be there.
Unless the earth decides
To dance differently tomorrow,
And save me from inevitable demise.

Poorvi Arya
B.Sc. (Hons.) Zoology
II Year

Born in purple, cradled in gold,
A prince he was, a story untold.
In castles of marble, his life did unfold.
Yet, a void in his heart, a story untold.
He learned the art of sword and spear.
Of politics, war, and royal career.
But in the stillness of the night, a silent
fear,
A longing for purpose, year after year.
One evening, beneath a celestial sea,
He gazed at the stars, wild and free.
A shooting star, a cosmic decree,
Igniting a spark of destiny.
He sought a sage, an ancient and wise,
Whose eyes held the depths of starlit
skies.
"In every soul," the sage did advise.
"A purpose shines, like a comet's brilliant
rise."
The prince, intrigued, embarked on his
quest,
To find his true north, his inner zest.
He journeyed through mountains, both
east and west.
Seeking answers, his spirit possessed.
In a humble village, surrounded by the
poor,
He saw suffering, yet he had a spirit to
endure.
Their strength in adversity is pure and
sure.
Inspired by a purpose, a vision secure.

Biplab Boro
B.Sc. (Hons.) Biomedical Science
I Year

Having no origin,
 The death which passes by,
 The life which flashes before, it touches
 its miasma.
 Always wandering around,
 Getting to know the origin of others,
 Finding the meaning of its own origin.
 Oh, alas! I should give up.
 To whom should I live on?
 To whom should I have passed on the
 story of glory and defeat?
 There's nothing I can do.
 Always having these thoughts,
 Carrying every emotion.
 How can I be the only one?
 Or is it that I chose to be the one?
 Constellation starts to change,
 Having the reminder to origin.
 It's time to hibernate.
 Origin doesn't die;
 Sleeping in eternal slumber,
 Under the cold shade of the essence of
 life.
 Burying deep inside the roots,
 Spiritually reuniting with its other parts,
 Gaining the knowledge of the world.
 At last, the remaining pieces shattered.
 Again, the beginning of a new world.

Dhruv Dheer Singh
 B.Sc. (Hons.) Biomedical Science
 III Year

The 13th star, that was not destined to be
 born,
 Rose to the peak, altering the thread of
 destiny,
 Woven a new path once laid, shaping his
 own destiny's braid.
 Hapless, whom everyone abhorred, has
 cultivated plenty of luck.
 The footsteps, once believed to be
 cursed, have healed those who have
 come across with it.
 The voice, once deemed diabolical, has
 now unveiled the world's truths.
 The eyes, that have witnessed
 everything, have a slight glimmer of hope
 in them.
 The hands, that have suffered a lot, do
 not wish for misfortunes for one to
 endure it.

Reminisce about the past, when twelve
 stars were distinguished,
 Struggling to survive every day, the
 thirteen star was in clandestine.
 In the darkest of the realm, the 13th star
 emerges,
 With every bit of luminescence, forging
 himself with brilliance one can't reckon.
 Pioneered himself as omnipotent,
 blessed with cursed, tended the wounds,
 Owing his life to others, a kindred spirit.
 One untouched by fate has carved its
 path,
 Eyes that once lost their life, foreseen
 every core.

In a realm overshadowed by malevolence, the thirteenth star shines in solitude,
Etching his existence on the fabric of fate,
Sewing a garb that only existed for himself,
Letting only the 13th one to bore it with the same prowess as himself.
The thirteenth star leaves its trace upon the celestial canvas.

I added commas, periods, and a few line breaks to enhance clarity and flow. Let me know if you have any specific punctuation preferences or changes!

Dhruv Dheer Singh
B.Sc. (Hons.) Biomedical Science
III Year

SMILE

Smile which is like the winter's sun,
It wants itself to reveal,
But it is unable to appeal,
Concealed by the clouds,
And fighting for its own existence, the smile.
Smile, which is like the starry night in a polluted city,
Lost in the smoky sky of the dazzling streets,
Struggling to sprout,
But veiled by the grey covert,
And unable to emerge out.

Smile, which is like the awaited cool breeze in summer,
A gentle touch of relief in sweltering heat,
Easing burdens, making the world feel lighter,
A precious moment, both elusive and sweet.

Tuba Khatoon
B.Sc. (Hons.) Biomedical Science
I Year

FATHER

Today I was lost in a dream,
A practice from the past, or so it seemed.
Memory blended with contemplative art,
To return me to a caring heart.
In my dream, as in life, I saw a little twig,
Blood flows, the sight makes you think.
Looking at him as I always do,
In the dream, however, another cut
came before us.
Familiar faces, hands marked by strife.
Laughing out loud gives me life.
Unmoved by his wounds, he stretched
me out.
Its a touch comfortable, as always.
Then I remembered the days of old,
As he rushed to my aid, breathless.
That is the warmth, that is the expression
of truth, .
My father loves, it shines.

Dhruv Dheer Singh
B.Sc. (Hons.) Biomedical Science
III Year

OCCULT MYTHS AND FAIRY TALES

Occult myths and fairy tales.
Werewolves and Vampires to the Dryads and Naiads.
What if the transcendental creatures once lived amidst us aeons ago
Search with a true heart and you may find them again.
The blood of the fairies in the ballet dancers who hover in the air a second longer than the others, in the pointy ears of your little cousin.
The spirit of goblins in the little girl who never forgets a promise or in the crooked nose of the guy at the bank.
Souls of dryads in the hikers who never trip over tree roots. You can see it in the suburban grandmother who never lets her garden die.
The blood of mermaids in the swimmer who commands the water with every stroke.
The tune of sirens in the most persuasive girl in your class or in the budding musicians who manage to entice all their listeners even with their offbeat songs.
You can see the blood of shapeshifters in the way an actor changes into their character with scary accuracy or in your friend who is a bit too good at blending into a crowd.
People who carry the blood of werewolves may not change with the full moon anymore but they always seem to go a little feral once a month or

how they gobble down curried meat at 3 in the morning.
Covet them, seek them out around you, and you will hold the secret of unfeigned magic in the world

Amna Shirin
B.Sc. (Hons.) Chemistry
I Year

FROM DESPAIR TO DAWN

Sadness that has amalgamated with the air
And has filled the atmosphere.
Sadness that has been infused with every breath
From day to night, has lead the people to the brink of their lives,
With minds storming against threads of thoughts.
It has spread a queer tranquility,
That winds up the soul with a million roars.
Sadness that burns the heart and downpours the flames through the eyes
As warm tears roll over the cheeks with sighs,
Concealing the smile, it blurs the sight of elation,
But, like happiness, it also has a duration,
It sets off and dawns a new aroma of emotion

Tuba Khatoon
B.Sc. (Hons.) Biomedical Science
I Year

I AM SCARED

The way I word my thoughts, the way I write them,
the way I feel my feelings, and the way I fight them
The way I touch my Diary, the way I hold my pen,
I am scared that I can't pretend, usually the way I can.
I tell myself I am doing okay, it's the way I work
but as I hold the pen and start to write, as I feel the keys that I use to type
why does the bright green turn yellow and why all the leaves start to fall below.
Is it the season of fall, or am I falling on my own
Am I allowed to think like this, or pretend like I am grown?
It's better not to hold my pen sometimes, it's better to ignore the alarm bell that chimes,
it's great when the sound of music overpowers the noise of my mind, and it's better to fake the smile that I can't find.
And I will give reasons, and tell myself it's fine
and everyone but me will believe that I am doing alright.
The truth and my feelings will form the rhyming scheme
Because the sound of my voice is muted, and sometimes I really want to scream.

My diary knows me very well so I can't fabricate my lies because it won't be able to see my smile It doesn't have the eyes.

Wishesh Joshi
B.Sc. (Hons.) Biomedical Science
I Year

LIGHT

Sometimes you gotta find the light. In the realm of dark, deep thoughts That stops the ambitions of your flight. Sometimes standing alone on the path of love
Made you realize you can love yourself more.
Without ever seeing anyone near your sight
Sometimes you gotta ignite the light. In the heart of the cold, keen, and quiet castle
That behold the beauty of a fairy, the cuteness of a lamb,
The kindness of a child, the smile of rain, the colors of the sky
And whatever you can think isn't in your might
That's why sometimes you have to find the light.
In the realm of dark, deep thoughts that halt the ambitions of your flight,
That's why you've got to find the light.

Dev Pal
B.Sc. (Hons.) Physics
III Year

All alone as I lay awake at night
 lights out and being invisible feels right
 the constant urge to fit in that fight
 how do I tell myself; that everything is
 just alright?
 The night sky with music in my ear
 the conversations that my friends and I
 share
 the shade beneath the beautiful tree
 all these things make me feel like 'me'.
 But I am not really sure
 who I am and what I want to be
 am I the evening seashore
 or a crowded City Street.
 The voices in my head are my friends
 because they understand me
 and feels like everyone else just pretends
 and if it's like that then let it be
 because now it's time that I believe in
 me.
 I want to be beside flowers
 who spread their Aroma around
 I can't be with the ones
 where I fade in the background.
 I want to be able to appreciate
 the bright colours and smell;
 but as I sit, look at myself, and await
 I didn't realize my petals already fallen.
 It was difficult at first
 but now it's fine
 however, or whatever it is;
 I accept them to be mine.

Wishesh Joshi
 B.Sc. (Hons.) Biomedical Science
 I Year

I had my expectations.
 And wondered why.
 I want to be left alone.
 It's that I don't want to share,
 I can bear everything.
 All alone
 I picture myself on top.
 When I don't know where's the point.
 I guess it's the tip of my pen.
 That I use
 To write about my sins,
 Of what I used to be,
 And what I've been.
 I have someone else now,
 In a place called my head.
 Like a hollow, it screams there.
 Every dark death, I'd go to bed.
 From mystique I'm born,
 In the world, that's not the case.
 The living has receded.
 First comes success, and death precedes.
 Of all the names I've read.
 On the epitaphs of the dead.
 A nocturnal beast I wander, The lengths
 of the wild
 Growing in my acumen,
 It exhausts in thorns.
 From my crimes it was born.
 From delinquencies and mourns, I'll end
 in the days.
 I thought it was better to murder
 someone.
 Then write it on a page.

Amitabh Jorwal
 B.Sc. (Hons.) Zoology
 II Year

INVISIBLE WORDS

Some songs are not written by pen.
but by unexpressed pain.
Some days are not spent with happiness.
but for the happiness of the future.
Some books are not written by writers.
but about the sacrifices of freedom
fighters.
Some nights are not meant for dreams.
but for struggling to achieve the dream.
Some people are not made for each
other.
but for lessons of isolation.
Some lyrics are not written by lyricists.
but by the heavy hearts of brokers.
Some dresses are not ready for
popularity.
but for being the brand of worship.
Some talks are not only to listen
but for lightening the inner self.
Some notes are not written by me.
but by compassion of truth.
Some poems are not written by poets.
but by the feeling that remains unsaid.
Some hands are not helpful.
but to teach how to go forward without
any help.
Some pictures are not recorded to
decorate the gallery.
but for strength to complete life's
journey.
Some blessings are not given randomly.
but it's from the hope to fulfill the
blessings.

Raunak Tiwari
B.Sc. (Hons.) Chemistry
II Year

I HEAR THE WIND'S WHISPER

I hear the wind whispering,
screaming in silence, luring me.
into the woods, in a mysterious
ambience.

I hear the wind whisper, and I feel a cold
wave run down my spine.
As I realize, there's no heart.
That's beating, other than mine.
Some steps ahead, there comes a hut,
I entered within, and the door shut.
Soon I hear the whisper again,
murmuring spells,
coming from a little girl, who in there
dwells.

My eyes opened wide as I saw her eyes,
as dark as a black hole, were about to
swallow me, thrice.
She stood still with a knife—that's sharp
I see a book aside and a ringing harp.
The opened book had two eyes, beautiful
yet scary, staring straight into my soul,
Blinking slowly, as if calling a ghoul.
My foot struck something that's curled,
and I heard it whisper again, "Welcome
to my world."

Soon, I hear myself scream
I woke up and "Sigh!!" It was all a dream
Oh, I better go get some water, as my
mind got whirled!
But, wait... How has my kitchen knife
gotten curled?

Pragya Bhattacharjee
B.Sc. (Hons.) Biomedical Science
I Year

IF IT COULD BE MINE

In shadows cast by fleeting time,
A longing heart in endless rhyme.
Whispers of a distant shore,
An endless wait or forevermore.
In Twilight's grasp, our dreams entwine,
A symphony of the soul's design.
Through echoes of a Love divine,
yearning whispers just intertwine.
Yet time unfolds its silent chime,
A dance between yours and mine.
In the quiet, where can dreams align,
I wonder, could it be mine?
The stars above, representing the cosmic
sign,
are telling tales within the celestial
shrine.
In a universe of hope trapped,
yearning for what's left behind.
So here I stand, in a silent line,
yearning for love entwined.
The heartache lingers, bittersweet.
If only it could be mine. It could be mine.

Harshita Sinha
B.Sc. (Hons.) Zoology
I Year

BEAUTY IN FLAWS

Let me take you on a tour!
You know, just like our marks,
even the moon has craters,
but that never dulls the shine.
Belly/Tommy pooch Fluffy, just like the
clouds.

Stretch marks symbolize the changes a
body goes through.
But it still holds us up just like tree
trunks.
The pores- They are inspired by
strawberries.
Coming to veins spreading over our
body
to remind us that our body is like a map
It reflects our journey and experiences.
So remember,
Every real organic thing in nature has a
texture,
some flaws, shape, or dent!
Nothing is perfectly perfect. So are you!

Aayush Kashyap
B.Sc. (Hons.) Biomedical Science
I Year

THE EVIL

To slouch a soul
or to be slouched.

Is not something to auction,
It's to betray.
To portray a soul as evil,
Is nothing supplementary as devil
To soothe your anger, we
And catch the opportunity.

To become virtuous
i.e., the end of evil.

Aayush Kashyap
B.Sc. (Hons.) Biomedical Science
I Year

OUR BRIGHT FUTURE

When in the dark,
I look at the starry sky,
At dawn, all I want to do is fly.

In the quiet of night,
Where the dreams take flight
Even the fireworks are afraid of starlight.
Be never afraid of the sky's height.

Mountains tall and valleys wide,
Places where our hopes reside
Visions clear and paths unknown
In these dreams, we are not alone.

Every step forward, no matter how small,
Bring us closer to the call,
We will surely be the ones.
When we are all praised by everyone...

Sneha Kooley
B.Sc. (Hons.) Polymer Science
II Year

FLASHBACK OF LOVE IN JULY

Oh, the memory of love in July.
It evokes memories that make me sigh.
A fleeting romance, like a shooting star,
Leaving behind memories, both near and far.

Hand in hand, we stroll through the lane.
Our love story will never be the same.
Cherish the moments, the laughter, and
the smiles.
Even if it only lasted for a little while.

For in July's embrace, our love will
forever be a beautiful reminder of the
love we once set free.
Though it ended sooner than we'd
hoped it would,
The love we shared in July was still
something good.

Nikita Chauhan
B.Sc. (Hons.) Chemistry
III Year

SILENT WITNESS

In shadows deep, where echoes fade, I
walk alone; emotions stay.
A hollow heart, an empty gaze... In
numbness lost, in endless haze.
I see the pain, its silent scream, A distant
storm within a dream.
I understand its broken plea, yet I cannot
feel its touch on me.
A world in shades of black and grey,
where feelings drift and fade away.
An island cold, devoid of flame, No
warmth, no light, no tender name.
A phantom soul is cast into darkness. A
silent witness to the past.
For in this void, I stand apart, an
emotionless, unfeeling heart.

Aman Kumar
B.Sc. (Hons.) Physics
II Year

HOME

I hear little chirping sounds in the dawn.
For they have been comforted in their nest.
Rise and shine to the chicklings, for they survived Chainsaw's attack to their crest
It's time to finally sense the zest.
For the melancholic darkness has It halted its quest.
The flesh can sense the softness of flowers.
because now the world is devoid of scars.
For the skin can now feel the burst of the kaleidoscope.
of thoughts as humans have learned to fulfill their vows.
I see a world glorious enough.
the one free of numb hearts
the one where imagination pertains
It has finally recovered its lost remains.
Can I dance in the rain? and fall again and again.
It's time to let go of the pain.
Mortals have claimed their home.

Aashima Bansal
B.Sc. (Hons.) Chemistry
I Year

BEHIND THE BARS

The bright blue sky
And the sun shines
The bright Golden glow
that reflects from my eyes
but like striations
there's that shadow of the bars
which stand like the mountains
and prevent me from touching the stars.
I want to break these golden chains
that restrict me in this world
I want to spread my wings
but it feels like they are burned.
I belong with the stars that shine
I can't be with diamonds that only reflect light.
I want to break the Bars
but it will make a lot of noise
maybe then I'll be heard and people might recognize my voice.
I just want to fly like others in the sky
I don't want to stare at them from below
I want to look them in the eye.

Wishesh Joshi
B.Sc. (Hons.) Biomedical Science
I Year

ARNOLD - ARNOLD, LOOK WHAT YOU DID !

Arnold, Arnold, look what you did!
In this race of development,
Humans made a greedy bid
In order to win the race of present,
We endangered the future of our kids.

Increased population became a concern.
All the eyes were on the treasures of earth.
Everyone ignored the hefty return.
And it started to deplete, becoming dearth.
For the treasures were left for none.

With the consumers, increased the consumption
The relentless consumption depleted the resources.
Turning everything into ash and fumes
Environmentalists said, "Hold on to your horses!"
Now the developer is the goon.

Under emergency, they gathered quick,
Deciding on how to save the earth
Portraying the world the disastrous picture
Giving solutions for the new birth
And there arose the concepts of futuristic and minimalistic.

With this came the idea of sustainability.
Where every greed must be set aside, no matter how small
Only this could lead to future stability.
Both, for the nature and all
Making treasures and accessibility.

Let us not ask, "Why us?"
But rather practice what is to be meant.
It is time for action and not discussion.
The future is to be saved through the present
And follow the sustainability buzz.
Arnold—Arnold we have found out,
The mess you created is now to be decluttered.
A better world is the new tout.
This long way is yet to be covered.
"Let's save the earth!" We shout together!

Chitra

B.Sc. (Hons.) Computer Science
I Year

Note - Arnold used in this poem refers to Arnold Toynbee, the first to propose the idea of Industrialization. Since Industrialization is now the main cause of every climatic and environment related problem hence his name is used here.

BLEACHING SUMMER

Bloody as death, hot as summer.
Generic as specific, hot as hell
King as mango ripens there, but hot as a ball.
Watery as melon and foody as me, but hell as an oven.
Good as cuckoo, deadly as summer.
Proteinaceous as golden gramme, virtue of me.
With all cruelty, I'm the Royal Not good for all,
but possessive for some, i.e., me (Summer).

Aayush Kashyap
B.Sc. (Hons.) Biomedical Science
I Year

WHICH COLOUR SHOULD I PICK FROM A PALETTE OF FEELINGS ?

Which colour should I pick from a palette of feelings?

Paint the canvas of life, which is wheeling.

Should I pick the red colour of my eyes?

When I become angry or my trust diminishes,

Or the red colour of my heart, which beats so fast.

When the loved one comes before my eyes at last.

Let me dip the brush in the blue of the sky,

Which excites me and reminds me of my dreams of flying high.

Or the blue of my psychic tears,

Which flows through my eyes when my hope disappears.

I might go with the colour of joy, which is yellow.

When I meet my friends—all young fellows.

Or the yellow of the fire due to the bombing in the war

Filling me with fear and terror and my mind questioning, What is this for?

Can I choose the colour green of beautiful nature?

which makes my mind wonder about the creation of the creator.

Or the green of disgust, which fills me,

when I see the innocent creature in captivity.

I can also use the colour black of the vast space.

Which defines the beauty of time just flowing and me growing up with its pace.

Or the black of loneliness, which fills my mind sometimes,

Staying away from my parents to get closer to my goal as time flies.

The tint of white, how can I forget?

The colour of bed sheets that cover the bodies of my loved ones who are dead.

or the white of peace, which elevates my state

when I paint or I must say "meditate.".

I like to use the colour orange in each of my paintings.

Sometimes sour and sometimes sweet

Just like my acts, which are the result of my feelings.

Vasu Madan

B.Sc. (Hons.) Microbiology

II Year

हिन्दी खंड

तनाव के पार : सफलता की उड़ान

छात्र जीवन और तनाव का खेल,
हर कदम पर चुनौतियों का मेल।
पढ़ाई का बोझ, करियर की चिंता,
हर ओर से आती उम्मीदों की सुनता।

पर यही है जीवन का एक हिस्सा,
जो बनाए हमें मजबूत और दृढ़ जैसा।
समय का प्रबंधन सिखाए सलीका,
हर मुश्किल का मिलेगा सटीक तरीका।

पॉजिटिव सोच हो साथी तुम्हारी,
तो दूर रहेगी हर चिंता भारी।
योग और ध्यान से मन को सुकून मिले,
स्वस्थ जीवन में नई रोशनी खिले।

मित्रों का साथ और अपनों का प्यार,
तनाव को करे हल्का, यह है सबसे खास विचार।
छोटी-छोटी खुशियाँ, बड़ी जीत का रास्ता,
हर सफलता का यही है सच्चा वास्ता।

खुद को समय दो, जी लो पल कुछ अपने,
जीवन की रफ्तार में खुद को न थकने दो सपने।
तनाव है साथी, पर दोस्त भी बनाओ,
हर चुनौती को हँसते-हँसते पार कर जाओ।

जीवन की राह में, धैर्य और उम्मीद हो साथ,
सफलता का सूरज चमकेगा, छाएगी नई प्रभात।

नीतिका
जैव-चिकित्सा विज्ञान
द्वितीय वर्ष

जीवन में मिलती अनेक राहें

जीवन की गलियों में,
मिलता एक इशारा;
समझ न आता मुझको,
कौन-सा लूँ किनारा।

हूँ मैं एक मुसाफिर,
खड़ा हूँ मैं इक मोड़ पर;
रास न आती यहाँ की गलियाँ,
रास न आते यहाँ के लोग।

चारों तरफ मैं नज़र घुमाता,
रास्ते दिखते अनेक;
समझ न आता किस पर जाऊँ,
हूँ मैं केवल एक।

सभी रास्ते मैं ध्यान से देखला,
पर दिखती भिन्नता सबमें;
परीक्षा लेती इसकी गलियाँ,
परीक्षा लेते इसके लोग।

आ रहे हैं मन में अनेक विचार,
करना पड़ेगा रास्तों का उपचार;
पकड़ लेता हूँ रास्ता में एक,
जिस पर न चलें हौ लोग अनेक।

चार दिन की जिन्दगी,
चार राह हैं दिखाती;
है कुछ अनोखा हमसब में,
यहीं तो हमारी जिन्दगी हमें बतलाती।

चन्द्र, निशा, दिन राह दिखाते,
तारे रातों में मन बहलाते;
सितारे तो बनते हैं हम सब के बीच से,
किन्तु सितारे भी रातों-रात में नहीं बन जाते।

आकाश चौबे
रसायनिक विज्ञान
प्रथम वर्ष

ये न पूछो

ये न पूछो क्या हुआ है,
फोन पे पिताजी से बात हुई है।

जिसके आँखों का हूँ मैं तारा,
चमकता हुआ एक सितारा।

हाल चाल पूछ रहे थे ,
सब ठीक है?
पेपर ठीक हुआ है?

आज प्रश्न में डांट न थी,
घर में डर वाली बात न थी।

जो स्कूल से आते ही डरते थे,
कहीं ये पूछ ना ले छुपते थे।

ये न पूछो क्या हुआ,
पिता जी से आज बात हुई है।

बीते उम्र जिसे गुस्से में देखा,
आज उनमें प्रीत दिखा है।

थी आवाज में एक उदासी,
जैसे तारों से चाँद दूर हुआ है।

ये पूछो क्या हुआ है,
पिता जी से आज बात हुई है।

कोई कमी होगी तो बताना,
पैसे हैं न, कोई दिक्कत तो नहीं।

पढ़ना लिखना आगे बढ़ना,
कोई कमी हो तो माँग लेना।

कुछ नहीं मिला, ये न कहना,
ये न पूछो क्या हुआ है।
पिता जी से आज बात हुई है।

है, तमन्ना, ख़वाब लेकिन,
पर कह न सका आज तक मैं।

बैठना है आपके पास,
सुननी है सब व्यथाएँ।

क्या सुख है, क्या गम है,
जो सब छुपाते हो।

और आँखें भी नम न कर पाते हो।
सुनना है वह कहानी,
जो किसी से कही न हो।

कहना तो चाहते हैं,
पर सहम जाते हैं।

ये गुस्से को दूर कर, साथ बैठना चाहते हैं,
हँसते हैं जैसे माँ के साथ,
हँसना वैसे चाहते हैं।

जैसे बातें मैं माँ से करता,
बातें सब करना चाहते हैं।

चाहता हूँ सब जानना,
जो घूमती हैं आपके अंतरमन में।

चाह है कि गले मिलूँ,
मिलूँ जैसे भारत राम मिले हैं।

ये न पूछो क्या हुआ है,
पिता जी से आज बात हुई है।

प्रशांत त्रिपाठी
रसायन विज्ञान
द्वितीय वर्ष

भगत सिंह

भगत सिंह! हाँ भगत सिंह।
लॉयल पुर जन्म लिया वो,
किशन सिंह का लाला था।
धन्य थी वो माँ जिसके,
बने निवाले खाया था।।
भारत माँ का बेटा था वो,
शहीद- ए- आजम कहलाया था।।

बचपन से थे निडर निठुर
सीने मे आग जलाया था।
जलियां वाला मे सनी खून से,
मिट्टी को भर लाया था।
अंग्रेजों को दूर भागने,
मिट्टी मे बंदूक उगाया था।
भारत माँ का बेटा था वो,
शहीद- ए- आजम कहलाया था।।

समय बीता और बड़े हुए,
असहयोग आंदोलन में साथ निभाया था।
चौरी- चौरा कांड के खातिर,
आजादी का ये भी मौका गवाया था।
आजादी के सोच में फिर से,
आगे कदम बढ़ाया था।
भारत माँ का बेटा था वो,
शहीद- ए- आजम कहलाया था।।

17 साल मे घर वालों ने,
शादी का जल्द मचाया था।
एक शब्द में भगत सिंह ने,
अपनी दुल्हन आज़ादी को ही बताया था।
भारत माँ का बेटा था वो,
शहीद- ए- आजम कहलाया था।।

20 साल मे भगत सिंह ने,
लाला जी का साथ निभाया था।
नारेबाजी में गोरों के कारण,
लाला जी को भी गवायाँ था।।

लाला जी मौत के बदले,
गोरे सॉन्डर्स को मार गिराया था।
भारत माँ का बेटा था वो,
शहीद- ए- आजम कहलाया था।।

अगला हमला दत्त से मिलकर,
करने का सोच बनाया था।
फ्रेंच सभा में भगत सिंह ने,
धुएं का बम गिराया था।
लोगों के ठंडे जोश को सिंह ने,
अपनी कुर्बानी से सुलगाया था।
भारत माँ का बेटा था वो,
शहीद- ए- आजम कहलाया था।।

23 मार्च का दिन था वो ,
जो अंतिम क्षण बन आया था।
भगत सिंह ने हँसते- हँसते,
अमर इतिहास बनाया था।
भारत माँ का बेटा था वो,
शहीद- ए- आजम कहलाया था।।

सुबीर कुमार
वनस्पति विज्ञान
प्रथम वर्ष

चलो: खुशियों की ओर

....सोचता हूँ

ज़िन्दगी का सफर है, हर पल नया मोड़,
खुशियाँ मिलती हैं, पर गम का भी दबोच है छोड़।
दर्द के साये में, कभी खोया तारा,
जीने की जद्दोज़हद में, छुपा है हर वार।

आँखों में आँसू, सीने में तूफान,
हर कदम पर लड़ाई, खुद से ही इम्तिहान।
हताश की परछाई, उम्मीद की किरण,
दुःख के सागर में, झूबने का नहीं वीराना।

संघर्ष की ज्वाला, हृदय में जलती है,
पीड़ा की जंजीरों को, तोड़कर निकलती है।
अतीत के बोझ को, उतारकर चलना है,
भविष्य के सपनों को, सच करना है।

हर रात के बाद, सवेरा आता है,
हर तूफान के बाद, इंद्रधनुष लहराता है।
ज़ख्मों को भरने दे, समय का मरहम लगा,
नया सूरज चमकेगा, हार का ना होगा दाग।

जीवन की नदी में, उतार-चढ़ाव चलते हैं,
खुशियों के मोती, गम के कंकड़ मिलते हैं।
लेकिन हिम्मत रखना, हार मानना नहीं,
हर संघर्ष से उठकर, नया सवेरा लिखना है।

तो चलो, मुस्कुराएँ, दर्द को भुलाकर,
होंठों पे गीत गाएँ, ज़िन्दगी को जगाकर।
संघर्ष की राह पर, आगे बढ़ते रहना है,
हर दुःख को पार कर, खुशियों का दीप जलाना है।

सुबह की सुनहरी रोशनी को देखकर सोचता हूँ,
काश ! ये दुनिया भी मुझे इतनी हसीन लगती
काश ! मेरी इच्छाओं के उड़ते परिंदों को
आसमा छू लेने की शक्ति होती काश !
इस भाग दौड़ की दुनिया मे, इस तरह अकेले हो गए
मै ना सोया, रात खुद थक कर सो गए
व्य इंसानों के अंदर की इंसानियत के हालात खस्ते हो
गए
जानवर तो जानवर है, ये जानवरों से बदतर हो गए
हैवानियत की चादर ओढ़कर, नोचते हैं मासूमों को
और हम इंसानियत का चेहरा लेकर,
उसके नाम पर कैंडल जला कर सो गए
इंसान कह दूँ कैसे इन्हे? दरिद्रे जिस्म के भूखे हैं।

अजय कुशवाहा
जैव-चिकित्सा विज्ञान
प्रथम वर्ष

कार्तिक यादव
वैद्युतकशास्त्र
तृतीय वर्ष

कृत्रिम बुद्धिमत्ता: भविष्य की नई दिशा

कृत्रिम बुद्धिमत्ता (आर्टिफिशियल इंटेलिजेंस) या एआई(AI) आज के तकनीकी युग का एक प्रमुख और विचारणीय विषय बन चुका है। यह वह तकनीक है जो मशीनों को मानव जैसी सोच, समझ, और निर्णय लेने की क्षमता प्रदान करती है। वर्तमान समय में, एआई(AI) ने अपने अनगिनत अनुप्रयोगों से विभिन्न क्षेत्रों में क्रांति ला दी है, चाहे वह स्वास्थ्य सेवा हो, शिक्षा हो, या फिर व्यापार का क्षेत्र हो।

- कृत्रिम बुद्धिमत्ता का परिचय और महत्व

कृत्रिम बुद्धिमत्ता की परिकल्पना मनुष्य की उस इच्छा का परिणाम है जिसमें वे मशीनों को भी सोचने और निर्णय लेने की क्षमता देना चाहते हैं। एआई का मूल उद्देश्य है कि मशीनें मानव मस्तिष्क की तरह डेटा का विश्लेषण करें और उससे परिणाम निकालें। उदाहरण के लिए, - जब हम अपने स्मार्टफोन में वॉयस असिस्टेंट का उपयोग करते हैं, तो वह हमारे द्वारा पूछे गए सवालों का उत्तर देने के लिए एआई का ही सहारा लेता है।

स्वास्थ्य सेवा में, एआई का प्रयोग डॉक्टरों को बीमारियों का जल्दी और सटीक निदान करने में मदद कर रहा है। शिक्षा के क्षेत्र में, यह छात्रों को व्यक्तिगत रूप से सीखने के अनुभव प्रदान करने में सहायक है। वहीं, व्यापार में एआई का उपयोग कस्टमर सर्विस, मार्केट एनालिसिस, और प्रोडक्शन को ऑटोमेट करने के लिए किया जा रहा है।

- एआई के लाभ और चुनौतियाँ

कृत्रिम बुद्धिमत्ता के कई लाभ हैं, लेकिन इसके साथ कुछ चुनौतियाँ भी जुड़ी हुई हैं। एआई का सबसे बड़ा लाभ यह है कि यह मशीनों को स्वचालित करता है, जिससे मानव श्रम की आवश्यकता कम हो जाती है और उत्पादकता में वृद्धि होती है। इसके साथ ही, यह डेटा के विशाल मात्रा को आसानी से और तेजी से प्रोसेस कर सकता है, जिससे व्यापारिक और वैज्ञानिक अनुसंधान में तेजी आई है।

हालांकि, एआई के उपयोग में कुछ नैतिक और सामाजिक चिंताएँ भी उभर रही हैं। जैसे कि, एआई का अत्यधिक उपयोग इंसानी नौकरियों को खतरे में डाल सकता है। इसके अलावा, यदि एआई को सही दिशा में प्रशिक्षित नहीं किया गया, तो यह गलत और पूर्वाग्रहपूर्ण(prejudiced) निर्णय भी ले सकता है। यह भी जरूरी है कि एआई के विकास में सुरक्षा और गोपनीयता के मुद्दों पर ध्यान दिया जाए, ताकि इसका दुरुपयोग न हो सके।

- भविष्य की संभावनाएँ

भविष्य में, एआई का विकास और भी तेजी से होगा और यह तकनीक हमारे जीवन के और भी गहरे पहलुओं में प्रवेश करेगी। इससे समाज के हर वर्ग को लाभ होगा, बशर्ते हम इसके सही उपयोग और नैतिक मानकों का पालन करें। हमें यह समझने की जरूरत है कि एआई एक उपकरण है, जिसे हमें अपने लाभ और समाज की भलाई के लिए उपयोग करना चाहिए।

• निष्कर्ष

कृत्रिम बुद्धिमत्ता एक नई दिशा है, जो हमारे भविष्य को नई संभावनाओं और अवसरों से भर सकती है। हमें एआई के विकास में सक्रिय भागीदार बनना चाहिए और इसे एक सकारात्मक और जिम्मेदार तरीके से अपनाना चाहिए। इस तकनीकी युग में, एआई के साथ हमें कदम-ताल मिलाकर चलने की जरूरत है, ताकि हम एक उज्ज्वल और प्रगतिशील समाज का निर्माण कर सकें।

अजय कुशवाहा
जैव-चिकित्सा विज्ञान
प्रथम वर्ष

युवाओं में उद्यमिता का बढ़ता रुझान

आज की दुनिया में उद्यमिता केवल व्यवसाय शुरू करने का माध्यम नहीं, बल्कि समाज में सकारात्मक बदलाव लाने का जरिया भी बन चुकी है। विशेष रूप से युवाओं में उद्यमिता के प्रति रुचि बढ़ती जा रही है। इसके पीछे कई कारण हैं, जिनमें से सबसे प्रमुख है आज के युवाओं का स्वतंत्र और आत्मनिर्भर बनने की इच्छा।

पहले के समय में, अधिकांश युवा सरकारी या निजी नौकरियों की ओर आकर्षित होते थे। हालांकि, बदलते समय के साथ युवाओं के विचारों में भी परिवर्तन आया है। अब वे अपनी पहचान बनाने और खुद के मालिक बनने की सोच रखते हैं। इसमें इंटरनेट और तकनीकी विकास की भी महत्वपूर्ण भूमिका है। ऑनलाइन प्लेटफार्म और डिजिटल मार्केटिंग ने उद्यमिता को और अधिक सुलभ और आकर्षक बना दिया है। अब एक युवा अपने घर बैठे ही व्यवसाय की शुरुआत कर सकता है, जिसे पहले बहुत अधिक पूँजी और संसाधनों की आवश्यकता होती थी।

इसके अलावा, युवाओं में जोखिम उठाने का साहस भी बढ़ा है। वे असफलता से डरने के बजाय उससे सीखने का प्रयास करते हैं। इस नई सोच ने उन्हें न केवल नए विचारों के साथ प्रयोग करने के लिए प्रेरित किया है, बल्कि उन्हें समाज में एक नई पहचान भी दिलाई है।

युवाओं में उद्यमिता का बढ़ता रुझान केवल व्यक्तिगत विकास तक ही सीमित नहीं है। यह समाज और देश की आर्थिक प्रगति में भी महत्वपूर्ण योगदान देता है। नए व्यवसायों के माध्यम से रोजगार के अवसर बढ़ते हैं और बाजार में प्रतिस्पर्धा का स्तर भी ऊँचा होता है। इसके साथ ही, नए और अभिनव विचारों का उदय होता है, जो समाज में सकारात्मक बदलाव लाते हैं।

अतः यह कहना उचित होगा कि आज का युवा केवल नौकरी पाने की सोच से आगे बढ़कर समाज में बदलाव लाने और एक नई पहचान बनाने के लिए उद्यमिता की ओर बढ़ रहा है। यह रुझान न केवल उनके व्यक्तिगत जीवन को समृद्ध बना रहा है, बल्कि समाज और देश की आर्थिक प्रगति में भी सहायक साबित हो रहा है।

सुहानी सिंह
सूक्ष्मजीव विज्ञान
तृतीय वर्ष

जनसंख्या एवं विकास

राष्ट्र कीप्रगति एवंविकास कामूल आधारराष्ट्रीय नागरिकों की उत्तम जीवनशैली होती है। जोसरकार एवंसमाज द्वारा मिलने वाली मूलभूत सुविधाओं का परिणाम है; परंतु यदिराष्ट्र कीगरीबी रेखाको विस्तृत रूप में समझा जाए, तब जनपर आनेवाली समस्याओं को सरलता सेसमझा जासकता है। प्रश्न यहहै किक्या अधिकजनसंख्या कातात्पर्य अधिकगरीबी सेहै? या वास्तविकता को समझना कुछअधिक हीजटिल है?

मुख्यतः प्रकाश डाला जाएतो अधिकजनसंख्या केकारणवश आर्यावर्त में संसाधनों का अभाव तीव्र गति से बढ़रहा है। बढ़ती जनसंख्या के कारण कृषियोग्य भूमिकी मांगबढ़ रही है, इसी कारणवश हीऊर्जा संकटकी समस्या भी गंभीर होरही है। बढ़ती जनसंख्या के कारण सेवायोजन के अवसर भीकम होरहे हैं, स्वास्थ्य एवंशिक्षा कीसुविधाओं कीगुणवत्ता भीकम होरही है, पर्यावरण प्रदूषण भी बढ़ रहाहै एवंसामाजिक असंतोष भी अपने चरमपर है।

भविष्यवादी और न्यूनतमवादी तरीके से भारत में जनसंख्या वृद्धि का मुकाबला किया जा सकता है।

उदाहरण के लिए कुछ मार्गः

कृत्रिम बुद्धि और रोबोटिक्सः कृत्रिम बुद्धि का उपयोग संसाधनों के प्रबंधन और वितरण में अधिक कुशलता से करने के लिए किया जा सकता है, जिससे जनसंख्या वृद्धि के दबाव को कम किया जा सकता है।

संचार और जागरूकता: मोबाइल, सोशल मीडिया और दूरदर्शन का उपयोग जनसंख्या नियंत्रण के बारे में जागरूकता फैलाने के लिए किया जा सकता है।

जियोस्पेशियल तकनीकः जीपीएस और रिमोट सेंसिंग का उपयोग जनसंख्या घनत्व और वितरण का अध्ययन करने के लिए किया जा सकता है।

अतः एक वैज्ञानिक एवं भविष्यवादी मार्ग ही हमारी इस समस्या रूपी शक्ति को एक सुदृढ़ तरीके से उपयोगी बना सकता है। उचित शिक्षा एवं विज्ञान के पथ पर एकजुट होकर कार्य करते हुए ही हम अपनी मातृभूमि भारत को एक सशक्त नींव प्रदान कर सकते हैं।।

मोक्षार्थ अरोड़ा
बहुलक विज्ञान
द्वितीय वर्ष

कर्तव्यनिष्ठा की ओर लौहपथगामी-‘तरुण’

परिपूर्णता की अभिलाषा से जीवन के समन्वयमें सुगमता, सरलता, सहजता एवं सप्रभुता की होड़ ने छात्र जीवन को सदैव अनूठा एवं अद्वितीय रखा है। युवा छात्र सर्वदा ही अपने जीवन को निराला या अनोखा बनाने की ओर अग्रसर रहता है चाहे वो सुखपूर्वक हो या कर्मनिष्ठ होकर। परंतु समय-समय पर समस्याओं ने छात्र जीवन को झंझोड़कर रखा है। आज के प्रतिस्पर्धात्मक युग की अपनी भिन्न समस्याएँ हैं, जिन बाधाओं ने छात्र व्यक्तित्व के निर्माण में अहम भूमिका निभाई है।

आज के प्रतिस्पर्धी युग में जहाँ युवा अपने वचनों, वाक्यों, विचारों तथा भावों को मोबाइल रूपी एक डिब्बे तक सीमित रख रहा है; उसे अपनी इस परिकल्पना एवं अपनी धारणा को समझाकर, तत्पश्चात उससे परे अपने बहिर्मुखी व्यक्तित्व का निर्माण एवं उसका धरातल पर कार्यान्वयन करना; निरंतरता तथा ध्येय के मार्ग पर चलकर सम्पूर्णता की ओर अग्रसर होना अति आवश्यक है।

स्वालंबन की इस कठिन परिकाष्ठा की परीक्षा देता युवा आज गंभीर समस्याओं में उलझा हुआ है; जिनमें प्राथमिक एवं असंशय रूप में मानसिक एवं शारीरिक समन्वयन का होना भी व्याप्त है। आज व्यक्ति-विशेष के मूल्यों का पतन अति शीघ्रता से होता प्रतीत होता है। जहाँ भौतिकवाद व्यक्ति-विशेष में अति तीव्रता से पनप रहा है। आज का युवा इस उपभोक्तावाद के कारण अपने नैतिक मूल्यों का तो पतन करता प्रतीत होता है जिस कारण तनाव तथा निराशा का भाव छात्र जीवन में पसरा भान पड़ता है,

अपनी इन परिकल्पनाओं से युवा छात्र का बाहर आना बहुत जटिल मालूम पड़ता है; परंतु इन समस्याओं से जूझकर अपने व्यक्तित्व से न्यूनवादी और भविष्यवादी तक की यात्रा को सूत्रबद्ध करना ही छात्र जीवन को अति सुरूप, सुदर्शन, सुरम्य एवं उत्तम बनाता है।

धन्यवाद!

रोहित जोशी
बहुलक विज्ञान
द्वितीय वर्ष

युवाओं में उद्यमिता का बढ़ता रुझान

आज की दुनिया में उद्यमिता केवल व्यवसाय शुरू करने का माध्यम नहीं, बल्कि समाज में सकारात्मक बदलाव लाने का जरिया भी बन चुकी है। विशेष रूप से युवाओं में उद्यमिता के प्रति रुचि बढ़ती जा रही है। इसके पीछे कई कारण हैं, जिनमें से सबसे प्रमुख है आज के युवाओं का स्वतंत्र और आत्मनिर्भर बनने की इच्छा।

पहले के समय में, अधिकांश युवा सरकारी या निजी नौकरियों की ओर आकर्षित होते थे। हालांकि, बदलते समय के साथ युवाओं के विचारों में भी परिवर्तन आया है। अब वे अपनी पहचान बनाने और खुद के मालिक बनने की सोच रखते हैं। इसमें इंटरनेट और तकनीकी विकास की भी महत्वपूर्ण भूमिका है। ऑनलाइन प्लेटफार्म और डिजिटल मार्केटिंग ने उद्यमिता को और अधिक सुलभ और आकर्षक बना दिया है। अब एक युवा अपने घर बैठे ही व्यवसाय की शुरुआत कर सकता है, जिसे पहले बहुत अधिक पूँजी और संसाधनों की आवश्यकता होती थी।

इसके अलावा, युवाओं में जोखिम उठाने का साहस भी बढ़ा है। वे असफलता से डरने के बजाय उससे सीखने का प्रयास करते हैं। इस नई सोच ने उन्हें न केवल नए विचारों के साथ प्रयोग करने के लिए प्रेरित किया है, बल्कि उन्हें समाज में एक नई पहचान भी दिलाई है।

युवाओं में उद्यमिता का बढ़ता रुझान केवल व्यक्तिगत विकास तक ही सीमित नहीं है। यह समाज और देश की आर्थिक प्रगति में भी महत्वपूर्ण योगदान देता है। नए व्यवसायों के माध्यम से रोजगार के अवसर बढ़ते हैं और बाजार में प्रतिस्पर्धा का स्तर भी ऊँचा होता है। इसके साथ ही, नए और अभिनव विचारों का उदय होता है, जो समाज में सकारात्मक बदलाव लाते हैं।

अतः यह कहना उचित होगा कि आज का युवा केवल नौकरी पाने की सोच से आगे बढ़कर समाज में बदलाव लाने और एक नई पहचान बनाने के लिए उद्यमिता की ओर बढ़ रहा है। यह रुझान न केवल उनके व्यक्तिगत जीवन को समृद्ध बना रहा है, बल्कि समाज और देश की आर्थिक प्रगति में भी सहायक साबित हो रहा है।

सुहानी सिंह
सूक्ष्मजीव विज्ञान
तृतीय वर्ष

लगाव ही पीड़ा है

हमारा जीवन अनगिनत रिश्तों, संवेदनाओं, और अनुभवों से भरा हुआ है। इन सबके बीच, एक अदृश्य धागा है जो हमें बाँधता है— "लगाव" या ("Attachment")। चाहे वह किसीव्यक्ति के प्रति हो, किसी वस्तु के प्रति हो, या फिर किसी विचारधारा के प्रति— लगाव जीवन का अभिन्न हिस्सा है। लेकिन क्या आपने कभी सोचा है कि यही लगाव, जो हमें खुशी देता है, वही पीड़ा का कारण भी बनता है?

मनोविज्ञान के अनुसार, जब हम किसी चीज़ से जुड़ जाते हैं, तो उसके प्रति हमारा लगाव हमें संवेदनशील बना देता है। यह जुड़ाव हमें उस चीज़ या व्यक्ति से अलग होने का विचार भी सहन नहीं करने देता, और यही पीड़ा की जड़ बनता है। जब हमारे अटैचमेंट के अनुसार चीजें नहीं होतीं, तो हम मानसिक तनाव और दुख का अनुभव करने लगते हैं।

- **लगाव और मानसिक पीड़ा:** हमारी मानसिक स्थिति पर लगाव का गहरा प्रभाव पड़ता है। उदाहरण के लिए, जब कोई व्यक्ति किसी करीबी से अलग हो जाता है, तो वह मानसिक तौर पर टूट सकता है। इसी तरह, जब हम किसी लक्ष्य के प्रति अत्यधिक अटैच हो जाते हैं और उसे पाने में विफल रहते हैं, तो वह विफलता हमें मानसिक पीड़ा का अनुभव कराती है। इस परिदृश्य में, लगाव न केवल हमारे मानसिक स्वास्थ्य को प्रभावित करता है, बल्कि यह हमारे सोचने-समझने की शक्ति को भी सीमित कर देता है। हम अपने आस-पास की चीजों और लोगों से इतने जुड़े रहते हैं कि उनकी अनुपस्थिति हमें कमजोर बना देती है। यह हमें वर्तमान में जीने से रोकता है और भविष्य की चिंताओं में उलझा देता है।
- **लगाव से मुक्ति की आवश्यकता:** मनोवैज्ञानिक दृष्टिकोण से देखा जाए तो, पीड़ा से बचने का एकमात्र उपाय है लगाव से मुक्ति पाना। लेकिन इसका अर्थ यह नहीं है कि हम सभी रिश्तों और भावनाओं से दूर हो जाएँ। बल्कि, इसका तात्पर्य यह है कि हमें उन चीजों से अटैच होना चाहिए, जिन पर हमारा नियंत्रण है, और जिनसे हम मानसिक रूप से संतुलित रह सकते हैं। लगाव को संतुलित रखने के लिए "डिटैचमेंट" का अभ्यास करना आवश्यक है। इसका मतलब है कि हम अपनी भावनाओं और विचारों को समझते हुए, उन्हें नियंत्रित करने की कोशिश करें। इससे न केवल हम अपने मन को शांत रख सकते हैं, बल्कि यह भी समझ सकते हैं कि किसी चीज़ या व्यक्ति से अत्यधिक अटैचमेंट हमें केवल पीड़ा की ओर ही ले जाएगा।
- **निष्कर्ष:** लगाव ही पीड़ा का कारण है—यह एक गहरी और महत्वपूर्ण सच्चाई है जिसे समझना बेहद जरूरी है। हमें अपने जीवन में संतुलन बनाए रखने के लिए अपने अटैचमेंट को नियंत्रित करना होगा। ऐसा करने से हम मानसिक शांति प्राप्त कर सकते हैं और जीवन की वास्तविक खुशियों का अनुभव कर सकते हैं। जिंदगी में अटैचमेंट को समझदारी से संभालें, ताकि आप न केवल खुश रह सकें, बल्कि पीड़ा से भी दूर रहें। आखिरकार, जीवन का असली आनंद तभी है जब हम इसे खुलकर जीते हैं, बिना किसी मानसिक बंधन के।

अजय कुशवाह
जैव-चिकित्सा विज्ञान
प्रथम वर्ष

बाल यौन शोषण

बाल यौन शोषण, जिसे "अनसेफ टच" (Unsafe Touch) भी कहा जाता है, बच्चों के खिलाफ एक गंभीर अपराध है जो उनके मानसिक, भावनात्मक, और शारीरिक स्वास्थ्य को गंभीर रूप से प्रभावित कर सकता है। यह एक ऐसा विषय है जिस पर बात करना आवश्यक है, क्योंकि इससे बच्चों को जागरूक किया जा सकता है और उनकी सुरक्षा सुनिश्चित की जा सकती है।

बाल यौन शोषण क्या है?

बाल यौन शोषण का अर्थ है किसी बच्चे के साथ उसकी सहमति के बिना अनुचित यौन व्यवहार करना। यह अनुचित स्पर्श, यौन गतिविधियों में शामिल करना, अश्लील सामग्री दिखाना, या बच्चे का यौन शोषण करना शामिल हो सकता है। "Unsafe Touch" वह स्पर्श है जो बच्चे को असहज, डरावना, या चोटिल महसूस कराता है। यह स्पर्श बच्चे के निजी अंगों या अन्य संवेदनशील हिस्सों पर हो सकता है।

जब कोई व्यक्ति बच्चे के निजी अंगों को छूता है या अनुचित तरीके से संपर्क करता है जिससे बच्चे को असहजता या भय का अनुभव होता है। बच्चों को अश्लील तस्वीरें या वीडियो दिखाना या उन्हें किसी अश्लील गतिविधि में शामिल करना।

बाल यौन शोषण के संकेत

बच्चों में कुछ सामान्य संकेत दिखाई दे सकते हैं जो बाल यौन शोषण की ओर इशारा करते हैं:

- अचानक व्यवहार में बदलाव जैसे चुप हो जाना, डर या आक्रामकता।
- बुरे सपने आना या नींद में परेशान होना।
- अनजाने लोगों या स्थानों के प्रति डर का अनुभव करना।
- जननांगों में चोट या दर्द की शिकायत करना।

बाल यौन शोषण की रोकथाम

1. शिक्षा और जागरूकता: बच्चों को "असुरक्षित छुना और सुरक्षित छुना" के बीच का अंतर सिखाना चाहिए ताकि वे पहचान सकें कि कौन-सा स्पर्श सुरक्षित है और कौन-सा नहीं।
2. खुले संवाद: माता-पिता और शिक्षकों को बच्चों के साथ संवाद बनाए रखना चाहिए ताकि बच्चे किसी भी असहजता या डर के बारे में खुलकर बात कर सकें।
3. सुरक्षित वातावरण: बच्चों के लिए एक सुरक्षित और संरक्षित वातावरण बनाना आवश्यक है, जहां वे सुरक्षित महसूस करें और अपनी समस्याओं को बिना डिइक साझा कर सकें।
4. कानूनी सहायता: बाल यौन शोषण के मामलों में कानूनी मदद लेना और अपराधियों के खिलाफ कड़ी सजा की मांग करना जरूरी है। जिसके लिए आप 1098 बाल सुरक्षा नम्बर, 112 आपातकालीन नंबर अथवा 100 पुलिस का नंबर पर संपर्क कर सकते हैं।

बाल यौन शोषण एक गंभीर समस्या है जो बच्चों के जीवन को नकारात्मक रूप से प्रभावित कर सकती है। हमें इसे रोकने के लिए सतर्क रहना चाहिए और बच्चों को सुरक्षित और स्वस्थ वातावरण प्रदान करना चाहिए। बच्चों की सुरक्षा हमारी सामूहिक जिम्मेदारी है, और इसके लिए जागरूकता, शिक्षा, और संवाद महत्वपूर्ण हैं। बच्चों को उनके अधिकारों के बारे में जागरूक करना और उन्हें यह सिखाना कि वे किसी भी प्रकार के अनुचित व्यवहार के खिलाफ आवाज उठा सकते हैं, बहुत जरूरी है।

बहुत सारे NGO भी हैं जो इस विषय पर काम करता है। उसमें से मैं भी एक NGO (BACHPAN:SAVE THE INNOCENCE) नाम के एनजीओ में काम करता हूं। आपकी किसी रूप में सेवा मेरा कर्तव्य है।

आयुष कश्यप
जैव-चिकित्सा विज्ञान
प्रथम वर्ष

मैं भगत लिखता स्वतंत्रता का राग प्रिये,
चला था लेकर इंकलाब की आग प्रिये,
लगा था मेरी माँ पर गुलामी का दाग प्रिये,
इसलिए चढ़ा मैं सुली पर बे-सुराग प्रिये,
सुनता हूँ करते हैं कुछ खालिस्तान की मांग प्रिये,
क्यों बुझाते हो अपने ही देश का विराग प्रिये,
एक ही तो है न तो क्यों करते हो भाग प्रिये,
क्यों खत्म करते हो अपनी बहनों का सुहाग प्रिये,
सभी का अपना है ये भारत बाग प्रिये,
मैं भगत लिखता स्वतंत्रता का राग प्रिये।

मैं भगत लिखता स्वतंत्रता का राग प्रिये,
आजादी में जन्मे हो तुम बहुत सौभाग्य प्रिये,
इसके खातिर करी कईयों ने जवानी का त्याग प्रिये,
बने हैं आज कई धर्म के ठेकेदार नाग प्रिये,
भाई भाई लड़ते हैं ये इस देश का दुर्भाग्य प्रिये,
क्या भूल गए तुम अशफाक़ बिस्मिल का प्रयाग प्रिये,
सहते थे हँसते हँसते जुल्म जो रहते घर से बज्जाग प्रिये,
करो तुम भी इन वीरों की माँ को अब लाग प्रिये,
छोड़ो नफरत नशा, करो अब इस देश के लिए तुम जाग प्रिये,
मैं भगत लिखता स्वतंत्रता का राग प्रिये।

मोहित प्रताप शर्मा,
संगणक विज्ञान
द्वितीय वर्ष

चंचल मन की सीमा नहीं
विचरण करता यह जहाँ कहीं
हर बार उकेरता नये रंग
नये विचार, नये प्रसंग
पथ से भटकना इसका रुझान
हरदम उत्कल, हर पल प्रशांत
सागर से इसका मेल नहीं
कोई माप ले इसे, खेल नहीं
बागडोर है इसका सबके पास
बस में करना पर नहीं आसान
बेलगाम घोड़े सा यह
हर पल रहता विमुढ़, भ्रांत
पर तुम इसके हो सवार
तो पकड़ो लगाम, लो उसे तान
पथ पे रखना है तुम्हारा काम
मंजिल अभी है दूर कहीं
पथ से भटक सकते नहीं।

सोमु कुमार
भौतिकी
तृतीय वर्ष

REGIONAL SECTION



আবার এসো মা...(I'll be waiting, Maa...)

সেই বিকেলটা ছিল, এক স্বন্ধের মত,
আকাশ ছিল রঙে রঙিন শরতের হালকা ঠাণ্ডা যেনো,
মা দুর্গার বিদায় যাত্রার সঙ্গী ছিল ।

দুপুর হতেই, ঘট বিসর্জন এবং শিদুর খেলার সমারোহ
প্রায় শেষ।
আর কিছুক্ষণ এর অপেক্ষা। নিজের এই বেয়ারা মনটাকে
ঠিক মানাতেই পারছিনা,
যে তোমায় ঘিরে এই দশদিন কত আয়োজন, হল্লোড়,
মাতামাতি, আজ তা ইতি।
কাল সকালে, এই মণ্ডপে একটি মাত্র প্রদীপ তোমার এই
শূন্যতার জানান দেবে।

আজ তুমি ফিরে চলে যাচ্ছ, আমাদের মনে, আমাদের
হৃদয়ে,
সর্বদা স্বরন্মীয় হয়ে থাকবার জন্য, আবার সেই এক বছর
এর অপেক্ষা ।
তুমি আসবে বলে, তোমারই সাথে, আমার মতন হাজার-
হাজার,
বাঙালি হৃদয়, ফিরে এসছিল এই বাংলায় ।
এমন অনেক ও আছে যারা হয়তো কাজের সুত্রে ফিরতে
পারেনি,
তবে এই দুর্গা পুজো তাদের ও সবার মনে এক আলাদাই
মহস্ত রাখে ।

পুজো শেষ, আজ ঘরের এক কোনায়, পরে থাকা আমার
সেই সুটকেস,
আবার মনে করিয়ে দিচ্ছে, যে এই আনন্দ বেশি দিনের
নয়।
আবার ফিরে যেতে হেব, দেশের এক অন্য প্রান্তে, সেই
চার দেওয়ালের মাঝে।
তখন না হবে, মা - বাবা - আত্মীয় সজ্জন - বন্ধুদের,
সাথে দেখা ।
জীবন আবার আবদ্ধ হয়ে পড়বে । তবে, যেই জিনিসটি
সাথে থাকবে,
সেইটা এই কয়দিনে পাওয়া এক মুঠো ভালোবাসা, স্নেহ,
বন্ধুত্ব ও এক গুচ্ছ শৃতি।

আবার এসো মা, যেনো পরের বছর ও ঠিক এইভাবেই
আনন্দে পুজো কাটাতে পারি ।
ঠিক একই ভাবে, সেই পড়ার মণ্ডপে তোমায় সশস্ত্র রূপে
পূজিত হতে দেখি।

That afternoon was like a dream.
The sky was colored with autumn light,
Breeze of chilled air was the companion Maa
Durga's farewell journey.
By noon, the Ghat Bisarjan and Shidur playing
ceremony is almost over.
I can't accept this stupid mind of my own,
That these ten days around you, how many
arrangements, joy, planning, today it's all over.
Tomorrow morning, only one lamp in this
mandap will indicate your emptiness.
Today you are going back, in our minds, in our
hearts,
Waiting for that one year again to always be
memorable.
You will come, with you, thousands of Bengali
hearts like me,
came back to this land of Bengal.
There are many who were not be able to return
due work.
However, Durga Puja will always be a special
significance in their minds.
Puja is over, today in a corner of the house, that
suitcase of mine,
Reminding again, that this joy is not for long.
To go back again, to the other side of the
country, between those four walls.
Then it will not be, parents - relatives - friends,
meeting together.
Life will be bound again. However, the thing
that accompanies,
That's a handful of love, affection, friendship
and a bunch of memories found in these few
days.
Come again, mother, so that next year I can
spend the puja in the same way.
In the same way, as i saw you being worshiped
in armed form, in that same mandap.

ساتھ تुमھارا ہو (بو)

ہلتا سورج ہو، ساحل کا کنارا ہو
ور کاندھے پر مرے سر تمہارا ہو

بیک وقت ٹھنڈ ہوا کی بوچھاڑ آئے
جیسے تم نے دل سے مجھے پکارا ہو

زندگی کہیں مشکل ہو، میں لڑکھڑاوں
ایسے نازک دور میں ساتھ تمہارا ہو

میں تمہیں دیکھوں اور دیکھتا جاؤں
کیا خوب وہ لمجھ ہو، کیا نظارہ ہو

زندگی کے اس دور میں کتنا سکون ہو
جہاں آنکھیں تیری ہوں اور خواب بمارا ہو

فقط زندگی گزرے میری ساری جہاں
خواب و خیال تمہارا بس تمہارا ہو۔

دلتا سو رج ہو، ساہیل کا کینارا ہو।
اور کاندھے پر میرے سر تुمھارا ہو!!

ب-یک-وکٹ ٹنڈ ہوا کی بیٹھا آئے।
جیسے تुم نے مुझے دل سے پوکارا ہو!!

جیں دگی کہیں مुشکیل ہو، میں لڈھڈا جاں।
ऐسے ناجوک دائر میں ساٹھ تुمھارا ہو!!

میں تुمھے دے�وں اور دے�تا ہی جاؤں।
کیا خوب وہ لامھا ہو کیا نجاتا ہو!!

جیں دگی کے عس دائر میں کیتھا سوکون ہو।
جہاں آنکھے تیری ہوں اور خواب ہمارا ہو!!

"فکر" جیں دگی گوڑے میری ساری جہاں
خواب-اوے-خیال تुمھارا بس تुمھارا ہو!!

• ساہیل - سਮودر

• ب-یک-وکٹ - اک سماں میں، اک وکٹ میں، اک ساٹھ، اچانک

• خوب - سو خود، اچھا

• دائر - کال، لامھا

• فکر - سیف، بس، کے ول

• خواب-اوے-خیال - بھرم کی س्थیتی جو واسطہ ویکھنا سے پرے ہو

ابدھل بآسیت (فکر)،
جنتی ویکھان،
دھیتیی ورث

সময় (Time)

জোন কেরল নিশা কিয় ওলাই?... কাৰণ জোনৰ সূৰ্যৰ লগত প্ৰতিযোগিতা কৰাৰ প্ৰয়োজন নাই, নিজক প্ৰমাণ কৰাৰো কোনো প্ৰয়োজন নাই। জোনৰ নিজা এক সময় আছে জিলিকি উঠাৰ। জোনৰ দৰে আমাৰ সকলোৰে নিজা এক সময় থাকে। সমাজ তথা মানুহে হেজাৰটা প্ৰশ্ন কৰাৰ পিছতো প্ৰতিজন মানুহৰে নিজা এক সময় আছে জিলিকি উঠাৰ। আনে আপোনাক হেজাৰ সৰু দেখুৱাবলৈ চেষ্টা কৰাৰ পিছতো আপোনাৰ আছে নিজা এক পৰিধি... এখন ব্ৰহ্মাণ্ড যি কেৱল আৰু কেৱল আপোনাৰ আৰু এদিন এনেকৈয়ে জিলিকি উঠিব হেজাৰ ব্যৰ্থতা তথা সমালোচনাৰ বোজা ভাঙ্গি।

যিসকল ভাঙ্গি পৰিছে, যিসকলে ঘুঁজি আছে, যিসকলে
প্ৰশ্ন কৰিছে নিজকে নিজৰ ব্যৰ্থতাক লৈ তেওঁলোক
অকলশৰীয়া নহয়। আপোনাৰ কাৰত বা আপোনাৰ
পিছত এনে কিছুমান মানুহ আছে যাৰ প্ৰাৰ্থনাত আপুনি
জীয়াই আছে আৰু কোনো প্ৰাৰ্থনা ব্যৰ্থ নাযায়।

আপোনাৰো সময় আহিব জিলিকি উঠাৰ, ঠিক জোনৰ
দৰেই, পাৰ হ'ব এই সময় বিশ্বাস ৰাখক। সময়তকৈ আগত
একো নহয় আৰু সময়ক সময় দিয়াৰ সঁচাকৈয়ে প্ৰয়োজন

Why does the moon only come out at night?...
Because the moon doesn't need to compete
with the sun, it doesn't need to prove itself. The
moon has its own time to shine. Like the moon,
we all have our own time. Despite the
thousands of questions society and people ask,
everyone has their own time to shine. Despite
others trying to make you look a thousand
small, you have your own perimeter... a
universe that is only and only yours and one
day will shine like this, breaking the burden of a
thousand failures and criticisms.

Those who are broken, those who are
struggling, those who question themselves
about their failures are not alone. There are
people beside you or behind you whose
prayers you live in and no prayer fails.

Your time will come to shine, just like the
moon, this time will pass, trust me. Nothing is
ahead of time and time really needs to be given
time.

Parismita Malakar
B.Sc. (Hons.) Polymer Science
I Year

ਅਕਸ (Aks)

ਤੁਰਦੇ ਪਾਣੀ ਵਿਚ ਵੇਖਦੀ ਮੈਂ ਅਪਣਾ ਅਕਸ ,
ਕਈ ਸੋਚਾਂ ਵਿਚ ਪੇਆ ਜਾਪਦਾ ਏ ।
ਹਰ ਇਕ ਰੰਗ ਮੇਰੇ ਚੇਹਰੇ ਦਾ ਮੈਨੂੰ ,
ਉਡਿਆ ਪਥਾ ਕਿਉਂ ਜਾਪਦਾ ਏ ॥

ਰੁਕੋ ਰੁਕੋ ਐ ਰੰਗ ਫੇਰ ਪਰਤਣ ਲਗਿਆ ਐ ,
ਏਸ ਰੰਗ ਵਿਚ ਮੈਨੂੰ ਅਪਣਾ ਜਨਮ ਪਥਾ ਦਿਸਦਾ ਏ ।
ਓਹ ਹੋ ਇਹ ਰੰਗ ਨਹੀਂ, ਮੇਰੀ ਯਾਦਾਂ ਦਾ ਚਲ ਚਿੱਤਰ ਐ ,
ਮੇਰੇ ਜਨਮ ਦੀ ਇਸ ਵਿੱਚ ਝਾਂਕੀ ਬੜੀ ਵਿਚਿਤਰ ਐ ॥

ਦਾਦੀ ਦਾ ਮੂੰਹ ਬਣਿਆ ਐ, ਪਥੇ ਦਾ ਮੋਢਾ ਗਿਰਧਾ ਐ ,
ਨਾਨੀ ਨਾਨਾ ਸ਼ਸ਼ੇਪੰਜੀ ਨੇ, ਮਾਮਾ ਵੀ ਕੁਮਹਲਾਯਾ ਐ ।
ਮਾ ਮੇਰੀ ਦੀ ਦੋਵੇਂ ਅੱਖਾਂ ਵਿਚ ਦੋ ਦੋ ਹੰਜੂ ਵੱਖਰੇ ਨੇ ,
ਦੋ ਮਾਯੂਸੀ ਅਤੇ ਦੋ ਖੁਸ਼ੀ ਦੇ, ਦੋਵੇਂ ਜਜ਼ਬਾਤ ਉਭਰੇ ਨੇ ॥

ਇਕ ਦੋ ਘੰਟਿਆ ਦੇ ਵਿਚਕਾਰ ਸਭਨੇ ਮਨ ਸਮਝਾ ਲੇਆ ਐ ,
ਵਾਰੀ ਵਾਰੀ ਗੋਦੀ ਚੁੱਕ ਕੇ ਅਪਣਾ ਫੁਰਜ਼ ਨਿਭਾ ਲੇਆ ਐ ।
ਸਮਾ ਬੀਤ ਦਾ ਤੁਰ ਲੰਗਿਆ, ਆਨ ਖਲੋਤਾ 5 ਵਰੇ ,
ਸਕੂਲ ਮੈਨੂੰ ਭੇਜਣਾ ਜਾ ਨਹੀਂ, ਸਾਰੇ ਸੋਚਾਂ ਵਿਚ ਪੜੇ ॥

ਐਥੇ ਮੇਰੀ ਮਾ ਨੇ ਥੋੜਾ ਹੌਸਲਾ ਵਿਖਾਯਾ ਐ ,
ਸਬ ਦੀ ਮਰਜ਼ੀ ਦੇ ਬਗੈਰ ਮੈਨੂੰ ਸਕੂਲੇ ਪੜਨੇ ਪਾਯਾ ਐ ।
ਇਕ ਦੇ ਤੀਨ ਚਾਰ ਕਰਦੇ ਕਰਦੇ ਸਾਲ 15'ਵਾ ਆ ਚੜਿਆ ,
ਦਾਦੀ ਦਾਦੇ ਤੇ ਹੋਰ ਵੱਡੇਯਾਂ ਨੂੰ, ਵਿਆਹ ਸੀ ਮੇਰੇ ਦਾ ਭੂਤ ਚੜਿਆ
॥

ਪੜ੍ਹਨ ਲਿਖਣ ਵਿਚ ਚੰਗੀ ਸਾਂ ਮੈਂ, ਇਸ ਵਿਚ ਕੋਈ ਸ਼ੱਕ ਨਾ ਸੀ ,
ਪਰ ਮੈਨੂੰ ਅੱਗੇ ਪੜ੍ਹਾਉਣਾਂ, ਇਸ ਦੇ ਕੋਈ ਹੱਕ ਚ ਨਾ ਸੀ ।
ਸਮਾ ਥੋੜਾ ਜਾ ਬਦਲ ਗਯਾ ਸੀ, ਬਾਪੂ ਥੋੜਾ ਸੰਭਲ ਗਯਾ ਸੀ ,
ਦੀਨ ਦੁਨੀਆ ਵਿਚ ਘੁੰਮਦੇ ਘੁੰਮਦੇ, ਓਸਦਾ ਖ਼ਾਲ ਥੋੜਾ ਬਦਲ
ਗਯਾ ਸੀ ॥

I see myself in the flowing river
Seems dwelled in deep thoughts
But why do I feel like,
All the colours in my life fading away

But wait hey, see these colours are changing
again and,
I see my life in these changing colours.
Oh I realised, these are not colours,
They reflect my memories throughout,
Glimpse of my life playing throughout

Grandma seems not so happy, father is
disheartened too
Nani, nana is stressed though, Mamu is lost too
My mother is confused ,having two different
thoughts
One side she is happy and on the other is sad
too

In an hour or two everyone understood,
Taking me in arms one by one fulfilled their
duties though
Time flew, it's been five years now
Should I go to school or not, discussions started
too

Here, my mother got my back,
Got me admitted in the school despite of
everyone's opposite decision!
1, 2, 3 ,4 years passed by, I am of age 15 now
Grandma, grandpa and whole family thought of
marriage now

No doubt I was good at studies
But no one supported the fact that I should
study further
Time changed, dad understood,
Dealing with the world, his thoughts changed

ਅਕਸ (Aks) cont.

ਇਸ ਬਾਰ ਬਾਰੀ ਬਾਧੂ ਦੀ ਸੀ, ਮੇਰਾ ਪੱਖ ਲੇਵਣ ਦੀ ,
ਸੁਕਰ ਗੁਜ਼ਾਰ ਹਾਂ ਓਹਨਾ ਦੀ ਮੈਂ, ਮੇਰਾ ਸਾਥ ਦੇਵਨ ਦੀ ।
ਪੜ੍ਹ ਲਿਖ ਕੇ ਮੈਂ ਅਪਣੇ ਪੈਰਾਂ ਤੇ, ਖੜ੍ਹੀ ਹੁੰਦੀ ਹਾਂ ਤਨ ਕੇ ਮੈਂ ,
Teacher , professor , lawyer , doctor, CM, PM
ਬਨਕੇ ਮੈਂ ॥

ਇਹ ਭਰੋਸਾ ਓਹਨਾ ਨੇ ਹੋ ਮੇਰੇ ਉਤੇ ਕਿੱਤਾ ਐ ,
ਏਸ ਭਰੋਸੇ ਨੇ ਹੀ ਮੈਨੂੰ ਇਹਨਾਂ ਕਾਬਿਲ ਬਨਾਇਆ ਐ ।
ਕੋਸ਼ਿਸ਼ ਕਰਾਂਗੀ ਓਹਨਾ ਦੀ ਉਮੀਦਾਂ ਤੇ ਖੂਬ ਖਰੀ ਉਤਰਾਂ ਮੈਂ ,
Teacher , professor , lawyer , doctor, CM, PM
ਬਨਕੇ ਮੈਂ ॥

ਵੱਡੇ ਵੱਡੇ ਦਾਵੇ ਅੱਜ ਕਲ ਲੋਕੀ ਕਰਦੇ ਨੇ ,
ਬੇਟੀ ਬਚਾਓ, ਬੇਟੀ ਪੜਾਓ ਹਰ ਪਾਸੇ ਨਾਰੇ ਲਾਉਂਦੇ ਨੇ ।
ਕੀ ਦੱਸਾਂ ਮੈਂ ਹਾਲ ਇਹਨਾਂ ਦਾ, ਸੰਪ ਤੋਂ ਪੜ੍ਹਕੇ ਆਏ ਨੇ ,
ਦੋਗਲੇਪਨ ਦੀ ਵੀ ਹਦ ਐ ਲਾ ਤੀ ਇਹਨਾ ਸਮਾਜ ਦੇ ਠੇਕੇਦਾਰਾਂ ਨੇ
॥

ਏਸ ਸਭ ਨੀਵੀ ਸੋਚ ਤੋਂ ਵਦਕੇ, ਹੌਸਲਾਂ ਵਖਾਉਣਾ ਚੌਣੀ ਆਂ ਮੈਂ ,
ਸਾਰੀ ਮੁਸ਼ਕਿਲਾਂ, ਤੋਂ ਅੱਗੇ ਵਦਕੇ ਅਪਣੀ ਪਹਚਾਨ ਬਨਉਣਾ ਚੌਨੀ
ਆਂ ਮੈਂ ,
ਅਪਣਾ ਅਕਸ ਬਨਉਣਾ ਚੌਨੀ ਆਂ ਮੈਂ ॥.....

This time was dad's turn to take my side
And I am grateful for him as he did so
Now, I vow to work hard and stand
independently on my feet
Teacher, professor, lawyer, doctor, CM, PM no
matter what will be the field

Because of the trust they showed on me,
I am here, trying to stand up to my words, on
my feet
Teacher, professor, lawyer, doctor, CM, PM no
matter what will be the field

Nowadays everyone promises everything,
Save girl, let her study, slogans are everywhere
What should I say seems like they learnt from
snakes, how diplomats they are "the so called
society savers"

That's why I want to rise above these narrow
mindness

Pass all these hurdles, show my strength and
make them understand we are humans too,
We have rights too,

That I can be independent too
GIRLS CAN BE INDEPENDENT TOO!!!

Jaileen Kaur
B.Sc. (Hons.) Polymer Science
I Year

ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ: ਇਤਿਹਾਸ ਅਤੇ ਆਧੁਨਿਕਤਾ ਦਾ ਰੰਗੀਨ ਮਿਸ਼ਨ

ਪੰਜਾਬੀਅਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ ਦਾ ਸਾਹਿਤਿਕ ਅਤੇ ਇਤਿਹਾਸਿਕ ਵਿਰਸਾ ਬਹੁਤ ਅਮੀਰ ਹੈ। ਇਹ ਦੁਨੀਆਦੇ ੧੫੦ ਮੁਲਕਾਂ ਵਿੱਚ ਕਿਸੇ ਨਾ ਕਿਸੇ ਹੱਦ ਤੱਕ ਬੋਲੀ ਜਾਂਦੀ ਹੈ। ਕਰੋੜਾਂ ਲੋਕਪੰਜਾਬੀ ਬੋਲਦੇ ਹਨ। ਇਨ੍ਹਾਂ ਵਿੱਚੋਵੱਡੀ ਸੱਖਿਆ ਪਾਕਿਸਤਾਨ ਵਿੱਚ ਵੀ ਹੈ। ਭਾਰਤ ਵਿੱਚਇਹਨਾਂ ਪੰਜਾਬੀ ਕਈ ਦੇਸ਼ਾਂ ਵਿੱਚ ਵੀ ਬੋਲੀ ਜਾਂਦੀ ਹੈ। ਪੰਜਾਬ ਦੀਮੂਲ ਭਾਸ਼ਾ ਪੰਜਾਬੀ ਹੈ। ਇਸ ਤੋਂਥਿਨਾਂ ਪੰਜਾਬੀ ਕਈ ਦੇਸ਼ਾਂ ਵਿੱਚ ਵੀ ਬੋਲੀ ਜਾਂਦੀ ਹੈ।

ਪੰਜਾਬ ਦੇ ਵਿੱਚ ਕਈ ਧਰਮ ਹਨ ਜਿਵੇਂ ਕੀ ਹਿੰਦੂ, ਮੁਸਲਮਾਨ ਅਤੇ ਸਿੱਖ। ਸਿੱਖ ਧਰਮ ੧੫੦ ਵੀ ਸਦੀ ਵਿੱਚ ਸ਼ੁਰੂ ਹੋਇਆ ਜਦੋਂ ਸਿੱਖਾ ਦੇ ਪਹਿਲੇ ਗੁਰੂ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਨੇ ਮਾਤਾ ਤ੍ਰਿਪਤਾ ਜੀ ਦੇ ਕੁਖੇ ਜਨਮ ਲੀਤਾ। ਸਿੱਖ ਧਰਮਨੇ ਇਕ ਨਵੀਂ ਧਾਰਮਿਕ, ਸਮਾਜਿਕ ਅਤੇ ਰਾਜਨੀਤਿਕ ਪਹਿਚਾਣ ਬਣਾਈ।

੧੯੮੮ ਵਿੱਚ ਸਿੱਖਾ ਦੇ ਦਸਵੇਂ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੱਖ ਜੀ ਨੇ ਖਾਲਸਾ ਪੰਥ ਦੀ ਸਥਾਪਨਾ ਕੀਤੀ, ਜਿਸ ਨੂੰ ਅੱਜ ਅਸੀਂ ਬੜੀ ਧੂਮ ਧਾਮ ਨਾਲ ਮਨਾਂਦੇ ਹਾਂ। ਇਸ ਦਿਨ ਵਿਸਾਖੀ ਮਨਾਈ ਜਾਂਦੀ ਹੈ। ਖਾਲਸਾ ਪੰਥ, ਉਹ ਸਿੱਖਾ ਦੀ ਟੋਲੀ ਹੈ ਜੋ ਕਿ ਅੰਮ੍ਰਿਤ ਚੱਖ ਕੇ ਗੁਰੂ ਦੇ ਦਿਖਾਏ ਹੋਏ ਰਸਤੇ ਤੇ ਚਲਦੀ ਹੈ। ਖਾਲਸਾ ਪੰਥਦੀ ਸਥਾਪਨਾ ਦਾ ਮੂਲ ਉਦੇਸ਼ ਸੀ ਧਰਮ ਦੀ ਰੱਖਿਆ ਅਤੇ ਧਾਰਮਿਕ ਮੁੱਲਾਂ ਦੀ ਸੁਰੱਖਿਆ ਕਰਨਾ ਸੀ।

੧੯੮੮ ਵਿੱਚ, ਦਸਵੇਂ ਗੁਰੂ, ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੱਖ ਜੀ ਨੇ ਐਲਾਨ ਕੀਤਾ ਕਿ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਹੀ ਸਿੱਖਾਂ ਦੇ ਲਈ ਸਦਾ ਕਾਇਮ ਰਹਿਣ ਵਾਲੇ ਗੁਰੂ ਹੋਣਗੇ। ਇਸ ਤੋਂਬਾਅਦ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਨੂੰ "ਸੱਚਾ ਪਾਤਸ਼ਾਹ" ਕਿਹਾ ਜਾਣ ਲੱਗਾ। ਗੁਰੂ ਗ੍ਰੰਥਸਾਹਿਬ ਵਿੱਚ ਸਿੱਖ ਧਰਮ ਦੇ ਸਿਧਾਂਤ, ਆਧਿਆਤਮਿਕ ਗਿਆਨ, ਅਤੇ ਜੀਵਨ ਦੇ ਮੂਲ ਨਿਯਮ ਦਿੱਤੇ ਗਏ ਹਨ। ੧੯੦੪ ਵਿੱਚ ਇਸ ਗ੍ਰੰਥ ਦੀ ਸੰਪਾਦਨਾ ਕੀਤੀ, ਜਿਸ ਵਿੱਚ ਪਹਿਲੇ ਪੰਜ ਗੁਰੂਆਂ ਦੀਆਂ ਬਾਣੀਆਂ ਦੇ ਨਾਲ ਹੋਰ ਭਗਤਾਂ ਅਤੇ ਸਾਹੂਆਂ ਦੀਆਂ ਬਾਣੀਆਂ ਵੀ ਸ਼ਾਮਲ ਕੀਤੀਆਂ ਗਈਆਂ।

ਸਿੱਖਧਰਮ ਦਾ ਸਭ ਤੋਂ ਪਹਿੱਤਰ ਸਥਾਨ ਸ੍ਰੀ ਹਰਿਮੰਦਰ ਸਾਹਿਬ, ਜਿਸ ਨੂੰ ਗੋਲਡਨ ਟੈਂਪਲ ਵੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ, ਦੁਨੀਆ ਭਰ ਦੀ ਸਰੀਰਾਂ ਨੂੰ ਆਕਰਸ਼ਿਤ ਕਰਦਾ ਹੈ। ਇਹ ਪੰਜਾਬ ਦੇ ਮਹਾਂਨਗਰ ਸ੍ਰੀ ਅੰਮ੍ਰਿਤਸਰ ਵਿਖੇ ਸਥਿਤ ਹੈ। ਇਸ ਨੂੰ ਚੌਥੀ ਪਾਤਸ਼ਾਹੀ ਸ੍ਰੀ ਗੁਰੂ ਰਾਮ ਦਾਸ ਜੀ ਨੇ ਸ਼ੁਰੂ ਕਰਵਾਇਆ ਸੀ ਤੇ ਪੂਰਾ ਇਸ ਨੂੰ ਪੰਜਵੀਂ ਪਾਤਸ਼ਾਹੀ ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਨੇ ਕਰਵਾਇਆ ਸੀ। ਇਸ ਵਿੱਚਇਕ ਮਹਾਨ ਸਰੋਵਰ ਖਦਵਾਇਆ ਗਿਆ ਜਿਸ ਦੀ ਨੰਹ ਇੱਕ ਮੁਸਲਮਾਨ ਫ਼ਕੀਰ ਸਾਈਂ ਮੀਆਂ ਮੀਰ ਜੀ ਪਾਸੋਂ ਰਖਵਾਈ ਗਈ ਤਾਂ ਜੋ ਇਹ ਤੀਰਥ ਅਸਥਾਨ ਸਾਰੇ ਧਰਮਾਂ ਦਾ ਸਾਂਝਾ ਤੀਰਥ ਕਹਾਵੇ। ਮਹਾਰਾਜਾ ਰਣਜੀਤਸਿੱਖ ਨੇ ਇਸ ਤੇ ਸੋਨਾ ਚੜ੍ਹਾਉਣ ਦੀ ਰਸਮ ਅਦਾ ਕੀਤੀ। ਤਦ ਤੋਂਥਿਨਾਂ ਸੁਨਹਿਰੀ ਮੰਦਰ 'ਅਰਥਾਤ 'ਗੋਲਡਨ ਟੈਂਪਲ ' ਦੇ ਨਾਲ ਪ੍ਰਸਿੱਧ ਹੈ।

ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ

ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਦੁਨੀਆ ਦੇ ਸਭ ਤੋਂ ਪੁਰਾਣੇ ਅਤੇ ਅਮੀਰ ਸੱਭਿਆਚਾਰਾਂ ਵਿੱਚੋਂ ਇੱਕ ਹੈ। ਇਸਦੀ ਵਿਭਿੰਨਤਾਾਤੇ ਵਿਲੱਖਣਤਾ ਪੰਜਾਬੀ ਕਵਿਤਾ, ਦਰਸ਼ਨ, ਅਧਿਆਤਮਿਕਤਾ, ਸਿੱਖਿਆ, ਕਲਾ, ਸੰਗੀਤ, ਰਸੋਈ, ਵਿਗਿਆਨ, ਤਕਨਾਲੋਜੀ, ਮਿਲਟਰੀ ਜੰਗ, ਆਰਕੀਟੈਕਚਰ, ਪਰੰਪਰਾਵਾਂ, ਮੁੱਲਾਂ ਅਤੇ ਇਤਿਹਾਸ ਵਿੱਚ ਸਪਸ਼ਟ ਹੈ। ਪੰਜਾਬੀਆਂ ਦੇਜੀਵਨਸੈਲੀ ਵਿੱਚ ਪ੍ਰਦਰਸ਼ਿਤ ਦਇਆ ਅਤੇ ਉਤਸ਼ਾਹ ਨੂੰ ਦੇਖਣਾ ਮੁਸ਼ਕਿਲ ਹੈ। ਪੰਜਾਬੀ ਆਪਣੇਮਜ਼ਬੂਤ ਇਰਾਦੇ ਲਈ ਜਾਣੇ ਜਾਂਦੇ ਹਨ, ਪਰ ਉਨ੍ਹਾਂ ਦੀ ਸੱਭਿਆਚਾਰ ਪ੍ਰਾਚੀਨ ਸੱਭਿਆਚਾਰਾਂ ਦੀ ਇੱਕ ਬਹੁ-ਰੰਗੀ ਵਿਰਾਸਤ ਪੇਸ਼ ਕਰਦੀ ਹੈ। ਪੰਜਾਬ ਵਿੱਚਇਕ ਮਹਿਮਾਨ ਨੂੰ ਭਗਵਾਨ ਦੁਆਰਾ ਭੇਜਿਆ ਗਿਆ ਪ੍ਰਤੀਨਿਧੀ ਮੰਨਿਆ ਜਾਂਦਾ ਹੈ ਅਤੇ ਇਸ ਦੀ ਚੰਗੀ ਦੇਖਭਾਲ ਕੀਤੀ ਜਾਂਦੀ ਹੈ।

ਪੰਜਾਬੀਗੁਰੂਆਂ (ਸਿੱਖ ਧਰਮ ਦੇ 10 ਧਾਰਮਿਕ ਆਗੂਆਂ) ਅਤੇ ਵੱਖ-ਵੱਖ ਸੰਤਾਂ ਦੇ ਸਨਮਾਨ ਵਿੱਚ ਕਈ ਸਾਲਗਿਰਾਹ ਸਮਾਰੋਹ ਵੀ ਹੁੰਦੇ ਹਨ। ਨਾਚ ਜਿਸਵਿੱਚ ਭੰਗੜਾ, ਝੂਮਰ ਅਤੇ ਸੰਮੀ ਸਭ ਤੋਂ ਪ੍ਰਸਿੱਧ ਸੈਲੀਆਂ ਵਿੱਚੋਂ ਹਨ। ਗਿੱਧਾ, ਇੱਕਮੂਲ ਪੰਜਾਬੀ ਪਰੰਪਰਾ, ਮਹਿਲਾਵਾਂ ਦੁਆਰਾ ਕੀਤਾ ਜਾਣ ਵਾਲਾ ਇੱਕ ਹਾਸਰਸ ਗੀਤ-ਨਾਚ ਸੈਲੀ ਹੈ। ਸਿੱਖ ਧਾਰਮਿਕਸੰਗੀਤ ਤੋਂ ਇਲਾਵਾ, ਅਰਧ-ਸ਼ਾਸਤਰੀ ਮੁਗਲ ਰੂਪ, ਜਿਵੇਂ ਕਿ ਖਿਆਲ ਨਾਚ ਅਤੇ ਥੁਮਰੀ, ਗੁਜ਼ਲ ਅਤੇ ਕਵਾਲੀ ਗਾਇਨ ਪ੍ਰਦਰਸ਼ਨ ਸੈਲੀਆਂ, ਅਜੇ ਵੀ ਪ੍ਰਸਿੱਧ ਹਨ।

Punjabi Culture: A Colourful Blend of History and Modernity

The literary and historical heritage of Punjabi and the Gurmukhi script is immensely rich. It is spoken to some extent in 150 countries around the world, with millions of speakers. A large number of Punjabi speakers are also found in Pakistan. In India, it is written in the Gurmukhi script, while in Pakistan, it is written in the Shahmukhi script. Punjabi is the native language of Punjab and is also spoken in many other countries.

Punjab is home to many religions, including Hinduism, Islam, and Sikhism. Sikhism began in the 15th century when the first Sikh Guru, Guru Nanak Dev Ji, was born to Mata Tripta Ji. Sikhism established a new religious, social, and political identity. In 1699, the tenth Guru, Guru Gobind Singh Ji, founded the Khalsa Panth, which is celebrated with great enthusiasm even today. This day is known as Vaisakhi. The Khalsa Panth is a group of Sikhs who have taken Amrit (baptism) and follow the path shown by the Guru. The primary aim of establishing the Khalsa Panth was to protect religion and uphold spiritual values.

In 1699, the tenth Guru, Guru Gobind Singh Ji, declared that the Guru Granth Sahib would be the eternal Guru for the Sikhs. After this, the Guru Granth Sahib began to be referred to as the "True King." The Guru Granth Sahib contains the principles of Sikhism, spiritual knowledge, and the fundamental rules of life. In 1604, the compilation of this scripture included the writings of the first five Gurus, as well as hymns from other saints and sages.

The most sacred place for Sikhs, the Sri Harmandir Sahib, also known as the Golden Temple, attracts devotees from all over the world. It is located in the major city of Punjab, Amritsar. The construction was initiated by the fourth Guru, Guru Ram Das Ji, and was completed by the fifth Guru, Guru Arjan Dev Ji. A great pool was dug here, and its foundation was laid by a Muslim saint, Sai Mian Mir Ji, so that this pilgrimage site would be a shared place for all religions. Maharaja Ranjit Singh adorned it with gold, and since then, it has been famously known as the "Golden Temple."

Punjabi Culture

Punjabi culture is one of the oldest and richest in the world. Its diversity and uniqueness are evident in Punjabi poetry, philosophy, spirituality, education, art, music, cuisine, science, technology, military warfare, architecture, traditions, values, and history. The compassion and enthusiasm displayed in the Punjabi way of life are rare to witness. Punjabis are known for their strong resolve, but their culture offers a multi-coloured heritage of ancient traditions. In Punjab, a guest is considered a representative sent by God and is treated with great care.

ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ: ਇਤਿਹਾਸ ਅਤੇ ਆਧੁਨਿਕਤਾ ਦਾ ਰੰਗੀਨ ਮਿਸ਼ਨਣ cont.

ਪੰਜਾਬੀਮਰਦਾਂ ਲਈ ਪਰੰਪਰਾਕਾਰੀ ਪਹਿਰਾਵਾ 'ਪੰਜਾਬੀ ਕੁੜਤਾ' ਅਤੇ 'ਤੇਹਮਤ' ਹੈ, ਖਾਸਕਰ ਪ੍ਰਸਿੱਧ ਮੁਕਤਸਰੀ ਸ਼ੈਲੀ, ਜਿਸ ਨੂੰ ਅੱਜਕੱਲ ਦੇ ਪੰਜਾਬ ਵਿੱਚ ਕੁੜਤਾ ਅਤੇ ਪਜਾਮਾ ਦੁਆਰਾ ਬਦਲਿਆ ਜਾ ਰਿਹਾ ਹੈ। ਪੰਜਾਬੀ ਮਹਿਲਾਵਾਂਲਈ ਪਰੰਪਰਾਕਾਰੀ ਪਹਿਰਾਵਾ ਪੰਜਾਬੀ ਸਲਵਾਰ ਸੂਟ ਹੈ ਜਿਸ ਨੇ ਪਰੰਪਰਾਕਾਰੀ ਪੰਜਾਬੀ ਘਾਗਰਾ ਦੀ ਥਾਂ ਲੈ ਲਈ ਹੈ। ਪਟਿਆਲਾ ਸਲਵਾਰਵੀ ਬਹੁਤ ਪ੍ਰਸਿੱਧ ਹੈ।

ਪੰਜਾਬਦਾ ਭੂਗੋਲਿਕ ਸਥਾਨ ਉਪ-ਮਹਾਂਦੀਪ ਦੇ ਬਾਕੀ ਹਿੱਸਿਆਂ ਦੇ ਨਾਲ-ਨਾਲ ਇਸ ਖੇਤਰ ਵਿੱਚ ਮਜ਼ਬੂਤ ਕੇਂਦਰੀ ਏਸ਼ੀਆਈ ਪ੍ਰਭਾਵ ਰਿਹਾ ਹੈ, ਜੋ ਇਸਦੀ ਸੱਭਿਆਚਾਰ ਅਤੇ ਇਸਦੇ ਭੋਜਨ ਵਿੱਚ ਦੋਵੇਂ ਦਿਖਾਈ ਦਿੰਦੇ ਹਨ। ਪੰਜਾਬੀ ਖਾਣਾਖੇਤਰ ਵਿੱਚ ਵਿਸ਼ਵ ਪੱਧਰੀ ਬਣ ਗਿਆ ਹੈ, ਇੰਨਾ ਜ਼ਿਆਦਾ ਕਿ ਇਸ ਖੇਤਰ ਵਿੱਚ ਨਿਵੇਸ਼ ਕਰਨ ਵਾਲੇ ਬਹੁਤ ਸਾਰੇ ਉੱਦਮੀਆਂ ਨੇ ਇਸਦੀ ਪ੍ਰਸਿੱਧੀ ਦੇ ਕਾਰਨ ਵੱਡੇ ਨਿੱਜੀ ਜਾਇਦਾਦ ਬਣਾਏ ਹਨ। "ਸਰੋਂ ਦਾ ਸਾਗ" ਅਤੇ "ਮੱਕੀ ਦੀ ਰੋਟੀ" ਸੁਪ੍ਰਸਿੱਧ ਅਤੇ ਬਹੁਤ ਮਸ਼ਹੂਰ ਪਕਵਾਨਾਂ ਦੇ ਉਦਾਹਰਣ ਹਨ।

Various celebrations are held in honour of the Punjabi Gurus (the 10 religious leaders of Sikhism) and different saints. Dance forms such as Bhangra, Jhumar, and Sammi are among the most popular styles. Giddha, an original Punjabi tradition, is a humorous song-dance style performed by women. Besides Sikh religious music, semi-classical Mughal forms, such as Khayal dance and Thumri, Ghazal, and Qawwali singing styles, are still popular.

The traditional attire for Punjabi men includes the 'Punjabi Kurta' and 'Tehmat,' particularly the famous Muktsari style, which is now often replaced by the Kurta and Pajama in modern Punjab. The traditional attire for Punjabi women is the Punjabi Salwar Suit, which has replaced the traditional Punjabi Ghagra. The Patiala Salwar is also very popular.

Punjab's geographical location, along with strong Central Asian influences, is visible in its culture and cuisine. Punjabi food has gained worldwide fame, so much so that many entrepreneurs investing in this region have built significant private fortunes due to its popularity. Examples of famous and highly popular dishes are "Sarson da Saag" and "Makki di Roti."

Bisman Kaur and Jasleen Kaur
B.Sc. (Hons.) Biomedical Science
I Year

C O L L E G E

A C T I V I T I E S



Deepotsav

The annual Diwali event 'Deepotsav' was celebrated in college premises. The campus was decorated in which each department participated actively. Stalls were set up in the ground by the college students and NGOs for selling food items, decoration items, for interesting games, putting mehendi, etc.

Convener: Dr. Bhavya Deep.



Freshers 2023

The Freshers 2023 was organised at Amphitheatre in college premises on October 11, 2023. The renowned singer Shivam Chowhan graced the event and enthralled the audience with his wonderful performance. The event also witnessed selection of winners for the title of Mr. and Ms. Bhaskaracharya who were selected through competitive rounds.

Convener: Dr. Vandita Gupta



Farewell Party

The Departments organized a Farewell Party for the 2021-2024 batch from April 24-26, 2024 in the college premises. Students put up lively performances to send their seniors off with a bang. There were games, food and a lot of fun. The outgoing batch reminisced fondly over their time in college. Teachers imparted words of wisdom as they bid their students a heartfelt goodbye. It was a bittersweet but unforgettable event.



Parent-Teacher Meet

An online Parent-teacher meet was conducted by all the departments from March 26-28, 2024. Students of all three years, their parents and the faculty members of department participated in the meeting. The primary objective was to apprise the parents about their ward's academic progress and extracurricular achievements. Career prospects and opportunities were also discussed during the interaction.

Department of Electronic Science
(under the aegis of IQAC, BCAS)
organizes
**PARENT TEACHER
INTERACTION PROGRAM**

Date: March 27, 2024

Timings

First Year: 10.30 a.m. - 11.00 a.m.
Second Year: 11.00 a.m. - 11.30 a.m.
Third Year: 11.30 p.m. - 12.00 noon

Online Platform
MS Team

[Meeting Link](#)

[Register Here](#)

BHASKARACHARYA COLLEGE OF APPLIED SCIENCES
(UNIVERSITY OF DELHI)
Sector-2, Phase-1, Dwarka, New Delhi - 110075
Accredited 'A+' Grade by NAAC | NIRF College Ranking 2023 '22'

Department of Microbiology
(under the aegis of IQAC)
invites you to

Parent Teacher Meeting

Date: 27-03-2024
Time: @ 5.00 pm

Registration link/Link for meeting

Organizing Team

Prof. Avneesh Mittal (Principal, BCAS)	Dr. N. Vijaya Kumar (Teacher Incharge)	Dr. Purnima Anand (Coordinator, Sukshmjeev)	Dr. Pawas Goswami (Faculty)
Dr. Rathyakshi	Dr. Neelu Bhagat	Dr. Catherine S Paul	Dr. Kamlesh K Nutan

**विकासीकरण भारत
प्रतिनिधि**

**DEPARTMENT
OF
BIOMEDICAL SCIENCE**
under the aegis of IQAC
organizes

PARENT TEACHER MEETING

Interaction with parents of students from 1st, 2nd and 3rd Year

REGISTRATION FORM (FOR PARENTS)

G20 INDO-FRENCH PRESIDENCY EVENT

In the spirit of fostering strong ties between India and France, the Culture Council, University of Delhi, with Bhaskaracharya College of Applied Sciences of Applied Sciences as the nodal centre, in collaboration with Shyama Prasad Mukherji College for Women and Shivaji College of University of Delhi (DU) organized an academic-cum-cultural program, "Celebrating Indo-French relations in the wake of India's G20 Presidency" on September 26, 2023. The inaugural ceremony, academic sessions and student activities took place at Bhaskaracharya College of Applied Sciences. The remaining student activities, along with the cultural-cum-valedictory program, were held at Shyama Prasad Mukherji College in the evening. The event was presided by Prof. Balaram Pani, Dean of Colleges (DU) and Prof. Ravinder Kumar, Dean of Culture Council, DU was Guest of Honour for the inaugural session. Dr. Daniel Boeri, French intellectual and Prof. Minni Sawhney, HOD of the Department of Germanic and Romance Studies was Guest of Honour and resource person for the academic session. Various student activities and competitions were held namely Reel Making competition, Poster Making competition and Group Discussion, Greeting Card-making competition and Debate competition. In addition, a documentary on Climate Change and Global Warming was also screened for the students.

The cultural-cum-valedictory session was held in the state-of-the-art Rajiv Gandhi Auditorium with an overwhelming audience of more than 1000 people. The stage came to life with a magnificent spectacle of Indian and French culture, Rajasthani folk, French choir rhythmic yoga performance and fusion of Indian and French dance forms. The chairman of the cultural event was Dr. Sachchidanand Joshi, Member Secretary IGNCA, Ministry of Culture and Prof. B.W. Pandey, Dean, Works, DU as Guest of Honor. The Chief Guest of the event was Dr. Geeta Bhatt, Director NCWEB. The overall event was a resounding success, and it played a significant role in promoting cultural understanding and cooperation between the two countries. It provided a platform for students and experts to learn about the two countries' rich cultural heritage.



Founder's Day Celebration

The college acknowledged and felicitated students for their academic accomplishments. Dr Kavita Bhatnagar (2002-05, Food Technology), Sh Ankit Jain (2007- 10, Biomedical Science), Major Sachin Negi (2009-12, Physics) and Dr. Arun Kumar Gupta (2012-15, Food Technology) were felicitated with distinguished alumni awards, for bringing glory to the institute through innovation, excellence, exceptional leadership and inspiring others through their distinguished achievements. Under the Best student category, awards were given to Samir Akhtar (B. Sc. (Hons.) Food Technology), and Ashima Jha (B. Sc. (Hons.) Biomedical Science) for the year 2019-22; Kaushik Poddar (B.Sc. (Hons.) Microbiology) and Jyotsana Bidaliya (B. Sc. (Hons.) Microbiology) for 2020-23 for their year based overall performances. Aditya Kumar Singh (2018-21) and Rahul Kumar (2019-22) of B. Sc. (Hons.) Electronic Science, were awarded with the Deepika Wangnoo Memorial Award and Sanchi (2018-21) and Paras Kochar (2019-22) of B. Sc. (Hons.) Physics, were awarded with the Saurabh Grover Memorial Award. In addition to aforementioned special awards, 134 students received first, second, third and overall topper awards in different categories.



Viksit Bharat@2047 : Voice of Youth Campaign

The Viksit Bharat@2047 : Voice of Youth Campaign aims to empower India's youth to shape the nation's future by 2047. The college successfully ignited interest and engagement with the campaign through various initiatives. Faculty from the Student Advisory Committee conducted orientation sessions to enlighten students about the significance and objectives of the campaign.

These sessions provided a platform for interactive discussions, enabling students to understand the campaign's goals and relevance better. Moreover, faculty members and students actively participated in events like the Nari Shakti conclave and other initiatives organized by the University of Delhi, further contributing to the advancement of the campaign's objectives.

A google form circulated among students yielded responses emphasizing the importance of education, skill development, and environmental conservation for achieving sustainable development goals. The selfie point featuring Hon'ble Prime Minister Shri Narendra Modi, showcasing India's cultural heritage, garnered positive responses, deepening students' connection to the campaign.

Convener: Dr. Vandita Gupta



NATIONAL CADET CORPS (NCC)

The National Cadet Corps (NCC) is the youth wing of the Indian Armed Forces. It is a Tri-Services Organisation, comprising the Army, the Navy, and the Air Force wings. The NCC recruits cadets from schools, colleges, and universities to provide primary military training. The NCC aims to develop character, discipline, leadership, a secular outlook, and a spirit of adventure among the youth. It also encourages the youth to consider careers in the armed forces. Motto: The motto of NCC is 'Unity and Discipline'. Cadets receive basic military training in small arms, drill, shooting, map reading, first aid, and more. They must also attend annual training camps. The NCC plays a crucial role in grooming the youth into disciplined and patriotic citizens, ready to serve the nation in various capacities.

NCC was introduced at Bhaskaracharya College of Applied Sciences in training year 2023-24 with effect from November 22, 2023. Currently 22 NCC cadets are enrolled in the college at 7- Delhi Bn NCC under the supervision of Dr. Ramesh Kumar. Here are the few glimpses of regular activities conducted by the NCC of the college:

- **NCC PM RALLY :** NCC cadets of BCAS attended the NCC PM rally which was organized on January 27, 2024 at 1700 hrs in the General Cariappa parade ground, Delhi Cantt. There were many parts of the event, with the cycling, marching and cultural dances, but the highlight of the event was, when our honourable PM acknowledged us, and motivated us for our wonderful journey.
- **CTO ORIENTATION CAPSULE:** Care Taking Officer Dr. Ramesh Kumar participated in the Orientation Capsule programme scheduled December 01, 2023 to 12 Dec 2023 at 7DBN NCC loc 19 Bihar/60 Inf Bde, Naraina, Delhi Cantt, Delhi.

Convener: Dr. Ramesh Kumar



SWACHHATA DRIVE

A massive cleanliness drive was organised from October 1 - 15, 2023 with the slogan "Swachhata Hi Seva", during which all students and staff took the Swachhta Pledge to remain committed towards cleanliness by dedicating at least 100 hours every year, for the upkeep of cleanliness and hygiene. They pledged to educate members of the society about the importance of clean surroundings and propagate the message of the Swachh Bharat Mission in villages and towns. All staff members of BCAS actively participated in the cleanliness campaign on October 1, 2023 between from 10 - 11 AM on the eve of Gandhi Jayanti on the theme "Ek Tareekh - Ek Ghanta" Programme.

Convener: Prof. Geeta Mongia



SRIJAN

Srijan, the annual cultural festival of Bhaskaracharya College of Applied Sciences, embodies a celebration of creativity, talent, and cultural diversity among students. Srijan 2024 was an exhilarating event that saw enthusiastic participation from the vibrant student community. The festival was a resounding success, showcasing the talent and dedication of the college's ECA committee, students, and participants from other colleges. The event attracted over 1000 attendees.

The inauguration of Srijan was marked by great enthusiasm and spirit, led by our Principal Prof. Avneesh Mittal, Dr. Bhavya Deep (ECA Convener) and Mr. Manas Pratap Singh (President) in the presence of college faculty, non-teaching staff, participants and students on March 08, 2024.

- **Battle of Bands:** Musically inclined students showcased their talent in the Battle of Bands competition, captivating the audience with their rhythmic melodies and energetic performances.
- **Classical Solo Dance:** The Classical Solo Dance competition showcased the grace, elegance, and storytelling abilities of the participants, highlighting the rich cultural heritage of Indian classical dance forms.
- **Rap Battle:** The Rap Battle competition brought forth the lyrical prowess and creativity of the participants, as they engaged in friendly yet intense battles of wit and wordplay.
- **Zami Parasti:** A thought-provoking event that encouraged participants to express their views on contemporary issues through street play.
- **The BKL Play:** The Theatrics Club enthralled the audience with their captivating performances, showcasing their acting skills and storytelling abilities through engaging theatrical presentations.



SRIJAN (Contd.)

- **Yoga Competition:** The Yoga competition promoted physical fitness, mental well-being, and spiritual harmony among participants, emphasizing the importance of yoga in maintaining a healthy lifestyle.
- **Doodle Making Competition:** The Doodle Making competition encouraged participants to unleash their creativity and imagination, as they created intricate and visually appealing doodles on the given theme.
- **Photography Competition:** The Photography competition provided a platform for budding photographers to showcase their talent, capturing moments, emotions, and stories through their lenses.
- **Cultural performances:** apart from the thrilling competitions, the eve of Srijan was coloured by the captivating performance by the college dance society, Rage.
- **Group discussions:** Confianza, the debating society showcased the spar of wit, wisdom and words with an exciting GD on controversial fictional characters that stimulated an adrenaline rush inside the room
- **Genre swap challenge:** A story telling competition with a twist. Atelier, the literary society showed how a single story could flip in and flip out into horror, romance, humour, mythology and every genre one can think of.

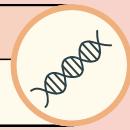
The valedictory ceremony was graced by the Chief Guest, Dean of Culture Council, Prof. Ravinder Kumar, who commended the organizers and participants for their efforts and performances, making it a great success.

Convener: Dr. Bhavya Deep



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DEPARTMENT OF
BIOMEDICAL SCIENCE



DEPARTMENT OF
BOTANY

DEPARTMENT OF
CHEMISTRY



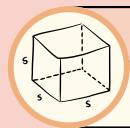
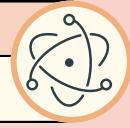
DEPARTMENT OF
COMPUTER SCIENCE

DEPARTMENT OF
ELECTRONIC SCIENCE



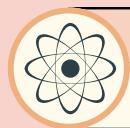
DEPARTMENT OF
FOOD TECHNOLOGY

DEPARTMENT OF
INSTRUMENTATION



DEPARTMENT OF
MATHEMATICS

DEPARTMENT OF
MICROBIOLOGY



DEPARTMENT OF
PHYSICS

DEPARTMENT OF
POLYMER SCIENCE



DEPARTMENT OF
ZOOLOGY

Department of Biomedical Science

The Department of Biomedical Sciences and its society, DNAmics, organized several events in the academic year 2023-24, with the aim of holistic development for all its students. Celebrating G20, the society organized Greeting Card Making Competition on September 26, 2023 in collaboration with Shivaji College and Shyama Prasad Mukherjee College. An Educational visit to the University Science Instrumentation Center (University of Delhi) was organized with the goal of helping students to understand the working and use of various scientific instruments used in research. A cleanliness drive was also organized in the month of October in which staff and students participated with great enthusiasm, taking the Swachchta Pledge. A workshop on presence of toxic substances in daily life organised on November 22, 2023. To promote the holistic development of the students, workshops titled 'Yoga and Meditation', 'Yoga: Philosophy and Practice', and 'Panchakosha Holistic Development and Personality' were also organized.

On the occasion of World Cancer Day, in order to spread awareness about the disease, the department organized various events. A visit to Manipal Hospital organized by DNAmics and Sukshmjeev on February 06, 2024. A pamphlet making competition was organized on February 10, 2024 in collaboration with Sukshmajeev and Akriti. A talk was organized to make students aware about breast and cervical cancer, titled 'Close the Care Gap: Come Together to Fight Cancer'.

In collaboration with Pearls and Ambrosia, the departmental societies of the department of Polymer Science and the department of Food Technology respectively, organized Trinexus, a fest that included both educational and fun events. DNAmics also organized Freshers'23 on October 11, 2023. The Farewell 2024 was organized on April 25, 2024, with students of the outgoing batch being given a heartfelt sendoff.

Teacher-in-Charge: Dr. Shivani G. Varmani



Department of Botany

The annual techno-fest Blossom V was organized to commemorate National Science Day. The department organized a workshop on IPR by Dr. Kshitij K. Singh, Assistant Professor, Faculty of Law, University of Delhi and invited lecture on “Genome Organization and Polyploidy in Brassicaceae Family” by Prof. Sandip Das from the Department of Botany, University of Delhi. A Hands-on workshop on Bioinformatics tools covering NGS techniques along with an invited lecture by Dr. Suresh Nair, Arturo Falaschi Emeritus Scientist (Retd.), Group Leader (Retd.), Plant-Insect Interaction Group, ICGEB, New Delhi was also organized by the department.

Educational field visits were organized to Yamuna Biodiversity Park, Wazirabad, Delhi and the Botanical Garden of Indian Republic (BGIR), Noida. These experiences help in fostering a deeper connection with nature and enhance students' understanding of plant biology in real-world contexts. Further, the department organized regular visits to research laboratories at the Indian Agricultural Research Institute (IARI), and Mushroom House at Kirori Mal College, University of Delhi. In addition to scientific exploration, Phytomics celebrated the artistic and cultural dimensions through initiatives like slogan writing and poster making competitions by celebrating the International Day of Forests and the International Day of Education, respectively, where students had the opportunity to express their creativity in innovative ways.

Teacher-in-Charge: Prof. N.S. Abbas



Department of Chemistry

The department of Chemistry, established in 1995 consists of well qualified and experienced faculty. The chemistry labs are well equipped with sophisticated instruments and other apparatus. The department's Chemical Society, 'ALCHEMY,' organizes a variety of events for student development, including webinars, workshops, hands-on training, and lectures. In 2024, the department hosted RASAYAN UTSAV, featuring an inaugural ceremony with a motivational lecture by Mr. Rakesh Hooda, CEO of Tech Fresh Pvt. Ltd., followed by student competitions across the campus. The department also celebrated Diwali with the theme 'Deep Rang-The Saga of Light,' which highlighted the cultural significance and vibrant traditions of the festival. As part of the festivities, the department also organized an awareness drive to promote a green and clean Diwali. This initiative aimed to educate students and the community on the importance of reducing pollution, minimizing the use of fireworks, and adopting eco-friendly practices during the celebrations. The department also arranged a lecture by Dr. Ram Mohan on environmental pollution and green chemistry, highlighting industrial toxins and advocating for safe lab practices. An additional talk on 'Career Opportunities in Chemistry' by Mr. Pradeep Rajput, Director & CEO of Chem Academy, explored academic, industrial, and entrepreneurial paths in chemistry. The department's Teachers' Day celebration emphasized unity, respect, and gratitude, with fun games organized for both faculty and students, fostering a joyful and appreciative atmosphere.

Teacher-in-Charge: Dr. Lalit Kapur



Department of Computer Science

The Department of Computer Science hosted a workshop on Financial Literacy. The resource person for this workshop was Mr. Vivekh Pathak from Be.Artsy (Awareness Partner to spread Financial Literacy). A workshop on Career Counselling was also organized. Mrs. Rajni Bhasin of Anglais School of Skills Development was invited as the resource person.

A Technical Talk on 'Adversarial Attacks on Artificial Intelligence and Its Countermeasures' was also organized. Dr. Gaurav Indra from the Department of Information Technology, IGDTUW was the resource person for this workshop. The department also organized a lecture on 'Careers Guidance After Graduation,' with Mr. Ritukar Chadda from Landmark Institute as the resource person. Students also had an opportunity to take part in the annual techno-cultural festival 'Interface 2024' and an industrial visit to DUCAT's Delhi centre.

Teacher-in-Charge: Dr. Arti Batra

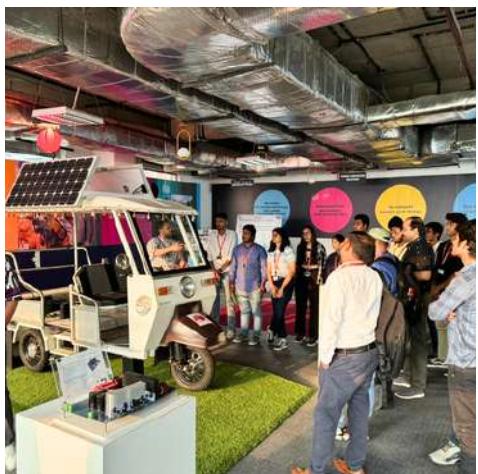


Department of Electronic Science

The Department has its society named 'SPARKS' which organizes various activities like workshops, conferences, lectures, industrial visits, seminars, technical fest, etc. every year under the guidance of eminent personalities from the academia and industries. In order to familiarize students with Data analysis, embedded systems, robotics, and the most recent developments in the industry, the department arranged two visits to DUCAT, Kohat Enclave. The department also organized a visit to ST Microelectronics, where students were introduced to semiconductor technology and learnt about its applications.

Mr. Manish Kumar, Technical Leader at ST Microelectronics, delivered an expert lecture titled 'What's Inside a Black Box,' followed by a quiz competition. The event facilitated the familiarization of the participants with Integrated Circuit and CMOS fabrication technology. A visit to National Physical Laboratory (NPL), New Delhi was also organized to promote scientific research in the students. The students got an opportunity to visit the physical laboratories of NPL, where they were given demonstrations of the instruments. The department has organised an orientation workshop for Vidyanjali in association with SCERT Delhi. Dr. Manisha Taneja (State Coordinator, Vidyanjali) and B. B. Arya (CRCC, Vidyanjali) graced the occasion. The program was conducted to create awareness about Vidyanjali initiative. The event was appreciated by one and all and many students registered as volunteers on the Vidyanjali portal. A visit to Amrit Udyog in Rashtrapati Bhawan was also organized for the students.

Teacher-in-Charge: Dr. Manoj Tiwari



Department of Food Technology

The Department of Food Technology is a centre of excellence in academics, innovation, and training in all facets of Food Science and Technology to provide scientifically and technically qualified students who can work effectively in multicultural, multi-disciplinary boundaries and contribute to the advancement of the processed food industry both at the national and international level. An education visit was organized for the Institute of Packaging, New Delhi with Food Technology and Polymer science department faculty and students. Students also attended the National Conference on 'Mission 2030: India A Global Leader for Value Added Food' organized by All India Food Processors Association (AIFPA) at its 79th annual conference at Pragati Maidan, New Delhi. In addition to this, students also visited Sufalam: Startup Forum for aspiring leaders and mentors, at PhD House, Hauz Khas organized by the Ministry of Food Processing, Govt. of India. An Interactive Session was conducted on 'Career Aspects of Food Technology' by an Alumni, Mr. Monu Chaurasiya. Reel making competition on 'Water is Life, Water is Food, Leave No One Behind' and poster making competition on 'Millets: Ancient Grains For Modern Wellness' were also conducted.

Teacher-in-Charge: Dr. Rizwana



Department of Instrumentation

Instrumentation is a specialized field that encompasses the science and technology of measurement, serving not only the physical, chemical, and biological sciences but also all branches of engineering and medicine. The 'Sensors Society' of the Instrumentation Department has organized various extracurricular and academic activities to support the holistic development of students. The annual departmental fest was organized featuring an alumni talk, a technical quiz, stand-up comedy, and a Robo race as the main highlights of the event. An expert lecture on 'Digital Marketing' was held featuring Mr. Sachin, an alumnus of the Instrumentation Department and CEO of Creative SEG, as the guest speaker. Students participated in industrial visits to companies such as DUCAT, ST Microelectronics, and the National Physics Laboratory, which helped bridge the gap between industry and academia. Additionally, Mr. Manish Kumar, Technical Leader at ST Microelectronics, delivered an expert lecture titled 'What's Inside a Black Box,' followed by a quiz competition. A quiz on 'Engineering Trivia' was also organized on Engineer's Day.

Teacher-in-Charge: Dr. Jitender Kumar



Department of Mathematics

The Department of Mathematics organized various activities aimed at holistic development of students. International Pi Day and birth anniversary of Shri Bharathi Krishna Tirathji was celebrated by organizing Vedic Mathematics Quiz and Poster making Competition in collaboration with Bhaskaracharya Cell of the college. The students learnt the significance of Vedic mathematics and International Pi Day by participating in the competitions. A Creative Writing Competition on 'India-The Land of Diversity' was also organized to commemorate Antarrashtriya Matribhasha Divas. The event was conducted in collaboration with North East and Regional Inclusiveness Cell and Department of Botany of our college. It provided an opportunity to the students to express their thoughts in their mother tongue and helped promote linguistic and cultural diversity of India. An Invited Lecture on 'Role of Mathematics in Animation' was organized by the department. Dr. Jagmohan Rai, Associate Professor (Retd.), Dept. of Mathematics, P.G.D.A.V. College (Evening), University of Delhi was the invited speaker. Dr. Rai gave great insights into various aspects of animation, mathematics behind the great visual and technical marvels and also guided students about the various career options. Debate competition on the topic 'Artificial Intelligence Will Replace Human Intelligence' was also organized in collaboration with Confianza, Debate Club. The competition saw enthusiastic participation of the students.

Teacher-in-Charge: Dr. Ragini Jindal



Department of Microbiology

The department of Microbiology through its Sukshmjeev Society has conducted various activities which helped students to get to know various developments in the field of microbiology and allied sciences. Under the aegis of the society, the Department has taken a new research initiative by starting 'Shodh Vaarta: The Journal Club', in which students present their research work in front of faculty and other students. The journal club successfully organized research presentations on the topics 'Unleashing the Potential of Novel Biofilm Producing *Bacillus* Isolate and Enhancing Student Research Outcomes: A Pedagogical Journey' and 'Optimization of Physical and Chemical Parameters for Pigment Production by *Penicillium* sp. for Development of Environmental Friendly Textile Dye.' The department also organized an expert talk on the topic 'Comparative analysis of oral microbiota in betel quid chewers and non-chewers and its link to oral cancers: prospecting microbial consortium for therapeutic effect' by Prof. Prerna Diwan, Department of Microbiology, Ram Lal Anand college. Dr. Neerja Hajela, Head-Science and Regulatory Affairs, Yakult Danone India Pvt. Ltd. conducted an online workshop on "Role of Intestinal Microbiota and Probiotics in Health and Disease". Students also got an opportunity to have a virtual visit to the fermenter facility of the Yakult.

Dr. Prateek Bhardwaj, Dr. Shefali Thakur, Mr. Anay Kumar Maurya, Meetaksh Kamboj, Damini Sharma, and Puja Gupta, alumni of the department representing G20 countries, interacted with current students in an online session titled 'Alumni Meet and Interaction on Career Prospects in G20 Countries.'



The department organized an alumni interaction jointly with the alumni committee of our college on the topic titled 'Revolutionizing Healthcare: The Role of Nanotechnology in Sensor Development' by Archana, alumnus as part of its outreach program, the department organized a short-term course titled 'Short Term Certificate Course on Path to Achieve Sustainable Development Goals & Making Sustainable Environment' in collaboration with Lakshyaa society for social and environmental development. A Cancer awareness program was conducted in collaboration with the DNAmics Society of the college at Manipal Hospital on the occasion of World Cancer Day National Science Day and Global Handwashing Day were also celebrated by the department. Our department students actively participated and attended talk on the topic 'How we sense pain' by Nobel Laureate David Julius as part of TNQ distinguished lectures in the life sciences, held at AIIMS, New Delhi.

Teacher-in-Charge: Dr. Vijay Kumar Nalla

Department of Physics

Physics is a fundamental science which encompasses all aspects of life. The department of physics strives to make our students academically well versed and at the same time aware of the wide areas of ongoing research in this field of study. To ensure that the department along with the Physics society "Qubit" organises lectures of eminent researchers and visits to the research institutes. The department ensures an all-round development of the students takes place.

This year the department organized a visit to Inter University Accelerator centre (IUAC) as part of National Science Day celebration).



The students of the department participated enthusiastically in the quiz competition held at and won prizes. The department also organized a 'Wellness Camp and Financial Planning Session.' Students and staff of the department participated enthusiastically. Another educational visit was organized to Council of Scientific and industrial research (CSIR), National Physics Laboratory (NPL). A field-trip to Amrit Udyam at Rashtrapati Bhawan New Delhi for the Students, Teaching, and non-teaching staff of the department. The Physics Society Qubit organised the annual fest 'Episteme 2024' which saw active participation from the students.

Teacher-in-Charge: Dr. Sandeep Kumar

Department of Polymer Science

PEARLS, Departmental Society, is a vibrant platform at which students get the opportunity to participate in popular lectures of eminent Professors and Scientists from various institutions. It improves awareness of students towards latest research and developments in the field of polymer science. Students also participate in conferences, workshops, symposiums, inhouse projects & industrial visits in addition to attending lectures. The Department of Polymer Science organized an academic visit to University Science Instrumentation Centre (USIC), North Campus, Delhi University. PEARL Society also celebrated Diwali in the Department of Polymer Science. A lecture was delivered by Dr. Babloo Sharma, Scientist, 3M, USA on the topic 'Fluoropolymers: Low Dielectric Materials for Potential Applications'. A Visit to Polymer based exhibition Plastfocus 2024 at Yashobhoomi, Dwarka, Delhi. The department was also organized TRINEXUS, Annual Departmental Fest. An educational trip to Indian Institute of Packaging (IIP), Delhi was also organized.

Teacher-in-Charge: Dr. Saroj Kumar Shukla



Department of Zoology

The Department of Zoology strives to deliver a holistic understanding of the subject to its students. Visit to the Indian Agricultural Research Institute, Division of Entomology was organized for demonstrating insect biodiversity and scope of aquaculture. During a visit to ICMR, National Institute of Pathology, students learnt about effective laboratory practice in public health initiatives. Visit to the National Zoological Park was organized with an objective to observe, learn and bond with wildlife. Further, students visited CIIDRET and CIF of South Campus, DU. Prof. Vijay K. Chaudhary and Prof. Amita Gupta from Department of Biochemistry provided information regarding their ongoing research on infectious/non-infectious diseases and antibiotics. A visit to Kirori Mal college to attend a Hands-on workshop on Microtomy gave students an opportunity to understand the technique and prepare permanent histological slides of various mammalian tissues. Students from the department attended the India International Science Fair in Faridabad organized by the Incubation and Entrepreneurship Cell to apprise them of the latest advances in the field of science and technology.

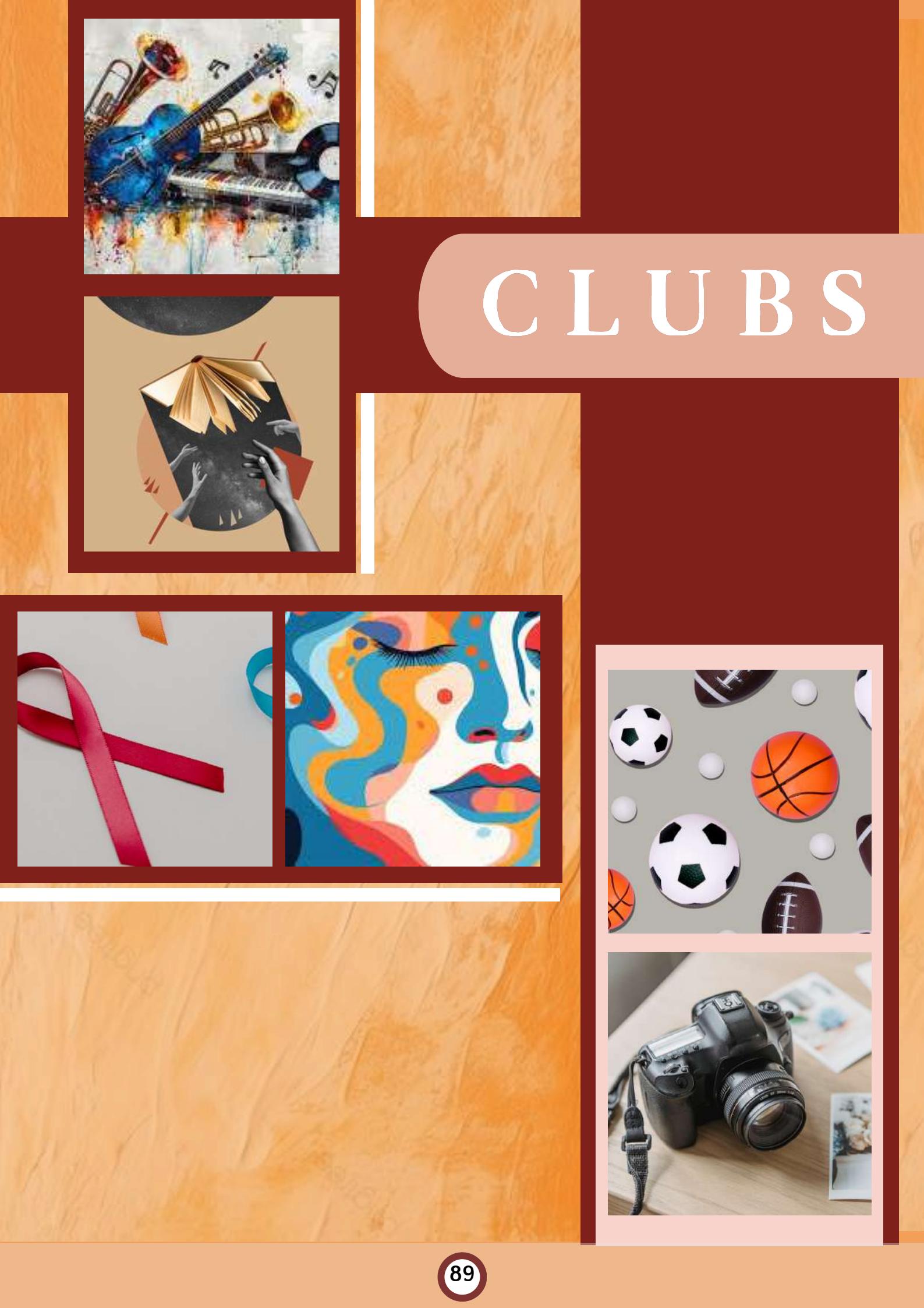
In association with the Environmental Pollution Laboratory, Department of Environmental Studies, DU, the department organized a National Workshop on 'Raising Awareness on Urban Air quality, Climate Change, Health and e-resilience', sponsored by the Department of Science and Technology. A seminar was conducted on 'International education Reimagined' focusing on emerging trends in international education. Effective strategies for cracking competitive exams and time management were discussed. Both the events witnessed enthusiastic participation of students.



The department celebrated its annual fest Zoosangam, a vibrant blend of tradition and academic brilliance. The technical session comprised of insightful talks on 'My scientific contributions towards malaria elimination goal' and 'Road to success' by Prof. Shailja Singh, JNU and Mr. Beni Kinha, Nectar Factor Foundation, respectively. Many fun activities like Quiz, Play-N-Slay, Balloony Caterpillar, Scavenger Hunt, Musical chair etc. were enjoyed thoroughly. In the annual department alumni meet 'Yugm' alumni shared their respective career paths and guided inquisitive juniors by answering their specific queries. Thereafter, a Farewell party 'Au Revoir' was organized for the outgoing batch 2021-24. On the eve of Deepavali, a play titled 'Sankshipt Ramayan' was enacted, bringing to life the timeless saga of victory of righteousness over evil.

The department and administration section of the college in collaboration with Delhi Fire Service organized a training cum workshop on Fire Safety. Various fire prevention methods and evacuation procedures were discussed. The lecture was followed by a practical demonstration on how to use the fire safety equipment effectively.

Teacher-in-Charge: Prof. Sidhharth Sirohi



CLUBS



AKRITI - The Modern and Fine Arts Club

Akriti - The Modern and Fine Arts Club of the college aims at encouraging and promoting creativity and cultural appreciation among students. The club organizes various intra and inter college events like competitions, stalls and workshops to provide a creative platform where students can showcase their diverse art forms and artistic expression. Through these activities, the club promotes cultural awareness, encourages self-expression, and enhances the overall educational experience by integrating the arts into college life. Furthermore, it helps in building teamwork, leadership, and event management skills among students, contributing to their holistic development.



Some of the events were in collaboration with other departments of the college or external institutions. These events were more of awareness programs on themes like cancer, tobacco awareness. Among various such events, a poster making competition on tobacco awareness was organized in collaboration with Integrated District Health Society on February 27, 2024. The major objective of the event was to create awareness about the harmful effects of tobacco use on health, including physical, mental, and social consequences through posters and encourage people, especially youth, to avoid tobacco use and adopt a healthy lifestyle. The club also organized hand painting and doodle making competitions during the Annual cultural festival of the college 'Srijan' on March 08, 2024.



Convener: Dr. Catherine S. Paul



ATELIER- Literary & Capability Enhancement Club

Atelier, a platform for intellectual and creative exploration, hosted a series of enriching events in the session. An online "Quote Writing Competition," held in commemoration of Dr. B.R. Ambedkar's 76th death anniversary from December 06-10, 2023, invited participants to encapsulate the constitution's essence. Responses were garnered through Google Forms, yielding a plethora of thought-provoking quotes. The competition fostered critical thinking and ignited a deeper appreciation for the nation's foundational document. This competition helped students develop concise expression, idea formulation, and a deeper appreciation for the Indian Constitution and Dr. Ambedkar's vision. The annual cultural fest, 'Srijan', witnessed the 'Switch Tales' Storytelling Competition on March 08, 2024. .



The activity improved cognitive and language skills, spontaneous plot development, and audience communication, fostering a collaborative spirit. Esteemed judges, Mr. Kisnaa Anita Birhman and Mr. Rahul Sharma from The Social Tape Publications, graced the event. Their presence elevated the competition and inspired participants.

A workshop on 'The Role of Reading in Liberating Imagination.' on March 15, 2024, featured a captivating address by Kunwar Nitin Pratap Gurjar from IIT Delhi. The workshop delved into the transformative power of reading, equipping participants with tools to enhance their creativity and critical thinking. These events collectively enriched the intellectual landscape of the campus.



Convener: Dr. Satyawati



CLICKERATI - Photography Club

The photography club, Clickerati has been designed with the objective to offer leadership and skills in photography to the young photographers in our college. Club members get an opportunity to cover all the major and minor events organized in the college, also it organizes competition for students at Inter-college and Intra-college. Awards and certificates are given to the students in events organized in college and outside the college. A workshop on Professional Camera Learning titled 'Learn Your Lens' was held on April 19, 2024. An event named 'Vision Voyage' (Photography Competition- Chromatic Capture, Photo Exhibition and Photo Booth) was held in the Annual Cultural Fest - Srijan 2024 on March 08, 2024.



Mr. Vibhor Milani, B.Sc. (Hons.) Electronic Science attended a 4-day workshop titled 'Portraiture & Photography in Available Light,' from January 30 to February 02, 2024 organized by Culture Council, University of Delhi at North Campus, DU. The club covered the event on Celebrating Bharat's G20 Presidency organized by the Culture Council at our college in collaboration with Shivaji College and SPM College held on September 19-26, 2023. An event entitled 'Photo Story' on the theme Anti-Ragging was held from August 29, 2023 to September 01, 2023. A photography competition 'Search and Click' was held in the Annual Cultural Fest- Srijan 2024.

Convener: Dr. Anil Barak



CONFIANZA - Debate Club

Confianza, the debate club unites quick thinkers, fact-finders, and vocabulary engineers who exemplify riveting arguments and righteous discussions. Our club is focussed on making students achieve intellectual stimulation, communication mastery, critical thinking, confidence building, teamwork and collaboration, and networking & social interactions. In the first quarter of the academic session 2023-24, the club witnessed selection of a conscientious team of office bearers and inclusion of its newest dynamic members from the first year. Thereafter, two events were organized by the club, first one, Intra-college debate competition on 'Artificial Intelligence will Replace Human Intelligence' in association with Department of Mathematics on February 15, 2024.



Second is Inter-college Group Discussion on 'Character Clash: Dissecting the debateable' on March 8, 2024 as a part of Srijan. Both the events were resounding success. Participants liked the unconventional concepts and the format of the events and joined in appreciable numbers. They could demonstrate their creative flair, engaging narration and quick-thinking abilities. New Zealand Education had organised a Video Essay Competition for undergraduate students of Indian educational institutions on the topic 'Strategies for achieving gender parity in education by 2030 in alignment with SDG4'. The essay submitted by Ms. Chitra (Computer science, 1st year) had been shortlisted among the top 10. She was also a part of the award ceremony held on May 18, 2024 at the New Zealand High Commission in New Delhi. Ms. Riya Chauhan (Microbiology, 2nd year) won the 1st position in a scientific Turncoat debate competition on February 16, 2024 held at Ram Lal Anand college on Gene Therapy.

Convener: Dr. Alivia Roy



DARPAN - Dramatics Club

Darpan, the Dramatics society of Bhaskaracharya College of Applied Sciences, is one of the most active clubs in the college and is continuously promoting the involvement of arts and participation in extra curricular activities among the science majority students. The society is named after the 'mirror of the mind, which shows you the reality of society' ('Darpan mann ka, sacchai samaaj ki'). The art form of Darpan has always been rooted in social and political causes, oftentimes calling out the society for its apparent evils and speaking up on the hypocrisies of society and the people in power. Moreover, the society aims to bring out the talents of students in theatre and acting, as well as songwriting, screenwriting and musical abilities.



The society currently focuses on both Street play, a form of unorganised play form, and Theatre or Stage play, a form of organised play form. The society also collaborated with Anti-Tobacco Cell and hosted an Intra-college skit competition on to raise awareness against the evils of tobacco consumption and its consequences via theatrical means. The society hosted the mono act competition, Manorang, in the college campus, for the college students to take part in and showcase their talents on stage. The society also hosts the Inter-college street play competition, Zami Parasti during Srijan, the annual fest of the college on March 08, 2024. The event beckons several theatre societies from several colleges, both in and outside Delhi University campus, to come and showcase their street play productions and participate in the social calling of theatre activism.

Convener: Dr. Kapil Roy



MOKSHA - Music Club

MOKSHA – The Music Club, at Bhaskaracharya College of Applied Sciences serves as a platform for students to explore and express their musical talents. At its core, 'MOKSHA' believes in the power of student expression through music, offering a space where both instrumentalists and vocalists can collaborate, perform, and grow thus promoting teamwork and inspiring students to channel their creativity and develop confidence through the art of music.

Throughout the academic year, 'MOKSHA' encourages its members to participate in various inter and Intra-college events. These competitions serve as a stepping stone for budding musicians, offering them numerous opportunities to showcase their talents and gain valuable performance experience.



To celebrate India's rich cultural diversity and promote regional languages, 'MOKSHA' organized a Regional Song Competition on February 27, 2024. This event offered a platform for students to express themselves and allowing them to connect with their roots while showcasing their talents.



SRIJAN – The Annual Cultural Fest

As an integral part of BCAS's cultural ecosystem, 'MOKSHA' actively participated in SRIJAN 2024, the college's annual fest, through various performances that highlighted the talents of its members thus serving as a medium for students to gain exposure and build confidence.

Through its activities, 'MOKSHA' aims to provide students with diverse opportunities to explore their passion for music, allowing them to grow not just as musicians but also as confident individuals.

Convener: Dr. Salam Sonia Devi

PRANAHİ- ECO Club

Eco club 'Pranahi' is dedicated to promoting environmental awareness and sustainable practices among students. This year, it organized diverse activities such as Inter College Hands on Workshop on Paper Recycling on March 20, 2024, where students learned to make paper from waste paper. An outreach activity 'Swachhta drive' was organized on March 11, 2024, to achieve the objectives of Swachh Bharat. An Inter-college 'Best out of the waste competition' was planned to analyze the student's creativity using the available material to create something useful from waste material on March 7, 2024. An Intercollegiate 'Flower arrangement Competition' in collaboration with the garden committee was held on February 29, 2024. Participants showcased their creativity by arranging different types of flowers. Participants used fresh and dry. An outreach activity 'A Water Cleaning and Conservative Initiative at Chhat Ghat' in collaboration with Sant Nirankari Foundation and Ministry of Culture at ITO Bridge, Delhi was planned on February 25, 2024.



'Introductory Session on Awareness about Yamuna Kinare' in collaboration with Sant Nirankari Foundation and Ministry of Culture on February 7, 2024. Students were sensitized about the Health hazards and environmental impact due to dirty water. Another outreach activity on 'Sankalp sabha on Red Light ON Gaadi OFF' was done on November 3, 2023. The objective of this event was to create awareness about pollution, to encourage drivers to SWITCH OFF their engines while waiting at traffic signals. On World Earth Day, a bird nesting and sparrow breeding center was established on campus to support bird conservation. The 'Plastic Lao Thaila Le Jao' campaign was launched in collaboration with Lakshay, an NGO, aiming to eliminate single-use plastic in Delhi. College has registered with Smart Campus Cloud Network to obtain objectives of Sustainable Development Goals and Carbon neutrality in college. These initiatives reflect Pranahi's commitment to fostering environmental stewardship and engaging the community in sustainable practices.

Convener: Dr. Amandeep Kaur



RAGE - Dance Club

RAGE- The Dance Club, of Bhaskaracharya College of Applied Sciences, believes in student expression, ideas, thoughts portrayed in the form of dance. Students work in teams with different art forms such as Classical, Semi-classical, Western, Regional, and Folk to bind together, explore the art forms and learn to express themselves with the help of their talents in varying fields. The senior students of the RAGE take up sessions to grant the knowledge they have received over the years of practice, which motivates the team to participate in different Inter and Intra-college competitions. 'RAGE' is a family of talented students who are always ready to learn, accept failures and move forward with a new path created by rectifying their previous mistakes. We bind together in bonds made by music, beats, rhythm, body movements, facial expressions and feelings.



RAGE in collaboration with the ECA Committee organized 'NRITYANJALI' an Intercollege classical Solo/ Duet Dance Competition which was organized on March 8, 2024 as a part of 'SRIJAN-2024', The Annual Cultural fest of Bhaskaracharya College of Applied Sciences.

RAGE in collaboration with the ECA Committee also organized 'GROOVE IT' an Intercollege western Solo/ Duet Dance Competition which was organized on March 8, 2024 as a part of 'SRIJAN-2024', The Annual Cultural fest of Bhaskaracharya College of Applied Sciences

Convener: Dr. Asha

RED RIBBON CLUB (RRC)

The RRC is a voluntary on-campus intervention program for students in educational institutions to create awareness about AIDS among the youth.

The Red Ribbon Club (RRC) at BCAS was started in August 2023 under the aegis of National AIDS Control Organization (NACO) for the prevention, control and care & support Programmes. The World AIDS Day-2023 was observed on December 1, 2023 for creating awareness and increasing comprehensive knowledge of HIV/ AIDS among the youth by organizing various events like Poster Making Competition, Tree Plantation Drive, Pledge and Awareness Campaign Drive. The theme was 'Remember and Commit'. Dr. K. S. Baghotia, Head, Academics and Research, Indira Gandhi Hospital, Dwarka, New Delhi was invited as the Chief Guest.



The RRC celebrated National Youth Day in January 2024 to draw attention to youth concerning issues in the nation by organizing various events comprising of Slogan cum signature Campaign, Tree Decoration and Reel Making Activity. AIDS awareness program was also organized on January 24, 2024 for the students of classes 11th and 12th of Government Co-Ed Senior Secondary School, Sector- 2, Dwarka, New Delhi.



Nodal Officer: Dr. Uma Dhawan



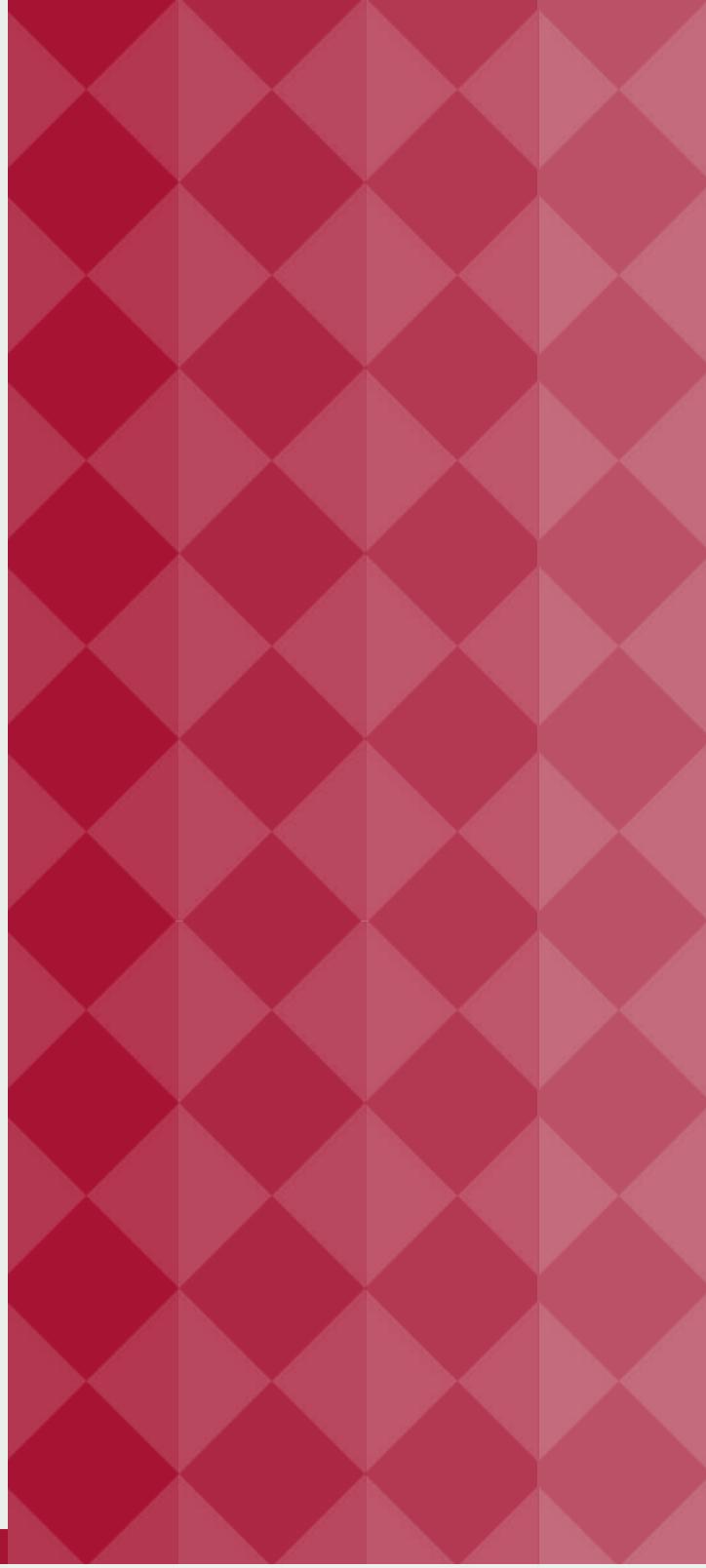
YUJ - Yoga Club

The Yoga Club of the college aims to promote fitness and awake an enthusiasm in students for the artform of yoga. It organized the following events in the term of 2023-2024:

- Organised G20 Yoga Performance in the Academic and Cultural Program 'Celebrating Indo-Frech relations in the wake of India's G20 Presidency' on March 08, 2024.
- Organised Inter-College Yoganasana Competition on March 08 , 2024



Convener: Dr. Mohit Sharma



CELLS & COMMITTEES

ALUMNI COMMITTEE

The Alumni Committee plays a vital role in connecting the college with its alumni network. The committee organizes and coordinates seminars, panel discussions, and alumni interactions, inviting alumni to share their expertise, experiences, and insights with current students. Through these activities, the committee aims to guide students regarding career opportunities in research, industry, and entrepreneurship, fostering a strong bond between the college and its alumni community. Some of the events organised were:

In collaboration with CS.Net, the Alumni Committee organized a seminar on 'Entrepreneurship, Startups, and Social Impacts' on February 22, 2024.

Alumnus Invited: Ms. Kamna Hazrati (Founder of And Purpose). In collaboration with DNAmics, the committee hosted a seminar on 'Unveiling Advances in Molecular Diagnostics: Spotlight on Tuberculosis' on February 24, 2024. Alumnus Invited: Dr. Deepali Joon, Assistant Professor, Sri Guru Tegh Bahadur Khalsa College, University of Delhi. Panel Discussion on 'Growth and Alignment of Food Industry: Vision for Viksit Bharat'. Ambrosia, the Society of the Department of Food Technology, organized a Panel Discussion on 'Growth and Alignment of Food Industry: Vision for Viksit Bharat' on February 24, 2024. Expert Panelists (Alumni): Mr. Nikunj Suneja, Manager of Packaging Buying Operations at Mars Wrigley Ms. Anusuya Borah, Business Development Manager at Givaudan India Pvt. Ltd. Panel Discussion on 'Industrial Lab Testing & Biodegradable Polymers' Pearls, the Society of the Department of Polymer Science, organized a Panel Discussion on 'Industrial Lab Testing & Biodegradable Polymers' on February 24, 2024



Convener: Dr. Ragini Jindal

Expert Panelists: Dr. Sampa Saha, Associate Professor of Department of Material Science and Engineering at IIT, Delhi Dr. Sudha Joshi, Company Polymer Testing Analyst, Narang Metallurgical and Spectro Services, Delhi (B.C.A.S. Alumnus) The Alumni committee, in collaboration with Sukshmjeev Society, the Department of Microbiology, facilitated an alumni interaction on 'Revolutionizing Healthcare: The Role of Nanotechnology in Sensor Development' on March 4, 2024
Alumnus Invited: Ms. Archana, Currently pursuing a Ph.D. in Nanoscience at Jawaharlal Nehru University, India.

ANTI-TOBACCO CELL

Anti-tobacco cell aims to spread awareness regarding the negative impacts of tobacco consumption in our day to day life. Some of the events conducted by this cell are Drug Awareness Campaign on 'Youth Against Drugs.' An outreach activity held in collaboration with Narcotics Control Bureau, Govt. of India on March 17, 2023. e-Pledge Drive was held 'Say Yes to Life, No to Drugs.' between October 9- 13, 2023 at Bhaskaracharya College of Applied Sciences and again on February 9, 2024.

Organ Donation Pledge: Anti- Drugs and tobacco cell in association with the Organ Donation Committee organized 'Organ Donation Pledge' for staff members of Bhaskaracharya College of Applied Sciences on May 27, 2024. Anti-Drugs and Tobacco Cell in association with National Cadet Corps (NCC), 7 DBN, Bhaskaracharya College of Applied Sciences, organized an e-Pledge drive on 'Say Yes to Life, No to Drugs' from June 24-26, 2024 to observe Nasha Mukt Bharat Abhiyaan.



Convener: Dr. Anil Barak

GENDER SENSITIZATION COMMITTEE

The Gender Sensitization Committee offers a platform and support system for the students to understand and deal with social and cultural constructs of gender. The committee conducts activities to create awareness regarding equality in law and the social system. Gender Champions and Gender Volunteers are envisaged as responsible leaders who facilitate an enabling environment, gender sensitivity, and responsibility towards the rights of self and others.

The committee organized a poster-making competition on the topic 'Shatter the silence: say no to ragging and sexual harassment' in collaboration with Akriti- The Modern and Fine Arts Club and Proctorial Committee from August 25 - September 01, 2023. The competition focused on raising awareness about the importance of standing against ragging and sexual harassment. An Essay Writing Competition on the topic 'Youth and Gender Sensitization' was organized on October 26, 2023 for selection of Gender Champions and Gender Volunteers for the college. An Extempore Competition on the topic 'Youth and Gender Sensitization' was organized on February 5, 2024 where students had the opportunity to articulate their thoughts on various gender-related topics, fostering a deeper understanding and discussion around gender issues. The committee in collaboration with the Internal Complaints Committee (ICC) organized a talk on the topic 'Legal Awareness on POSH Act and IT Act' on February 16, 2024. The speaker for the session was Ms. Niyati Sharma, Advocate, Delhi High Court.



Convener: Prof. Inderbir Kaur

INTERNAL QUALITY ASSURANCE CELL

IQAC organized an International Conference on 'Food Systems: A sustainable approach to health, nutrition and environment' in collaboration with Coalition for Food Systems Transformation in India. There was a Panel Discussion on 'Rethinking Food Systems: Nutritional security, safety, sustainability, and consumer behaviour.' The panelists were Ms. Nadine Bader representing GIZ Germany, Dr. Aparna Dhawan- the head of Quality and standards in CII, Dr. Rajendra Dobriyal-scientific and regulatory affairs, Coca cola India and Southwest Asia.

Dr. Shankar Goenka-Managing, Director of GO Green LLP and Mr. Rijul Bahree-from Cosmo films were also invited. The panel discussion was around the use of AI tools in achieving sustainable agriculture, initiatives taken by Coca Cola to follow SDGs including 'Unnathi' which was started from Andhra Pradesh and Telangana, relation of migration and nutritional status, behavioural impacts on sustainability, packaging and sustainability and Food systems transformation having seven labs. The panel also highlighted Linear and Circular Recycling, Community Nutrition Garden, Polylactic Acid Packaging. It was followed up by the question and answer session in which various questions were asked on sustainability and food security.



Convener: Prof. Eram S. Rao

NORTH-EAST AND REGIONAL INCLUSIVENESS CELL

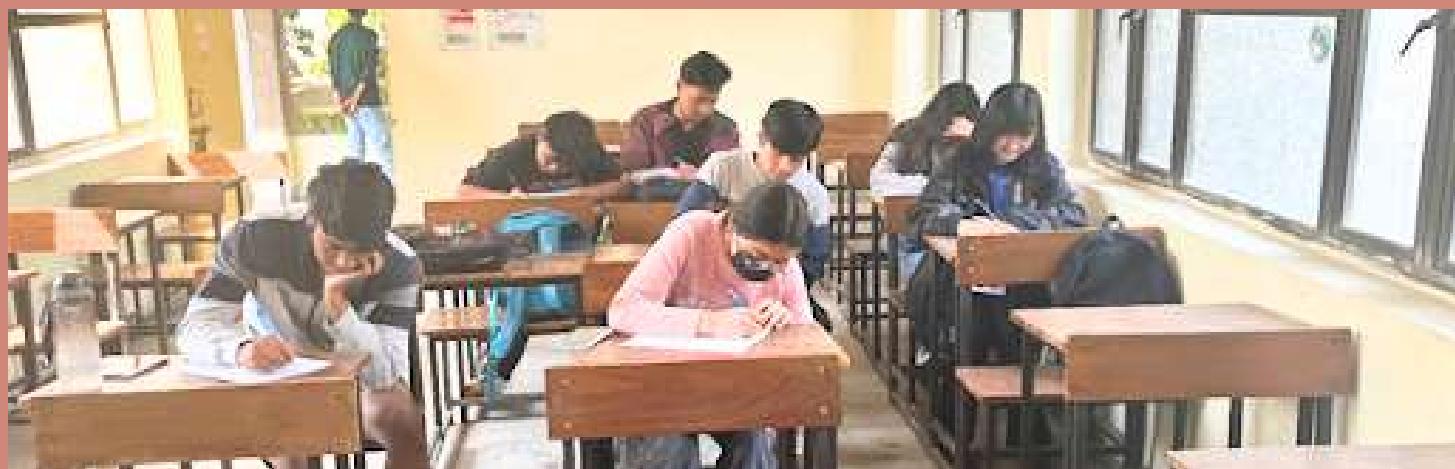
The North East and Regional Inclusiveness Cell of the college is dedicated to organizing activities that highlight the beauty of the North East region and celebrate the cultural diversity of India. The cell aims to foster an appreciation for the rich cultural heritage and promote inclusiveness among students. Some of the events organised by the cell are:

Essay Writing Competition on 'Unity in Diversity'

This year also the cell organized an essay writing competition on the theme 'Unity in Diversity' on February 23, 2024, where students from different departments participated. The event provided a platform for students to express their thoughts on the importance of unity in India's diverse cultural landscape.

Creative Writing Competition on Matribhasha Diwas

To celebrate Matribhasha Diwas on February 27, 2024, the cell organized a creative writing competition on the topic 'India—The Land of Diversity,' allowing students to write in their mother tongue. This competition not only celebrated linguistic diversity but also helped students improve their writing skills in their native languages.



Convener: Dr. Salam Sonia Devi

ORGAN DONATION COMMITTEE

Organ Donation Committee (Convener: Dr. Lalit Kapur) in association with Anti Drugs and Tobacco Cell (Convener: Dr. Anil Barak) organized 'Organ Donation Pledge' for the staff members on May 27, 2024 in Audio Visual Room (AV Room). The pledge was taken in online [Organ Donation Pledge (mygov.in)] and offline modes.



Convener: Dr. Lalit Kapur

WOMEN DEVELOPMENT CELL

The Women Development Cell organized numerous activities, workshops, programs, and surveys aimed at raising awareness among women. Our cell pulsated with vitality and creativity, setting sail on a voyage of progress and empowerment. These endeavors not only enhance the journey of our members but also make substantial contributions to the larger community. The events organized were:

An inspiring initiative was launched by the Women Development Cell and the Internal Quality Assurance Cell (IQAC) named as 'One Rupee Collection Drive' on November 03, 2023, to improve women's health and hygiene in slum areas.

WOMEN DEVELOPMENT CELL (contd.)

This project involves a One Rupee Collection Drive to raise funds for purchasing sanitary napkins and distributing them in slum communities.

A Health and Wellness Counseling session was organized for college staff in association with IQAC on December 01, 2023. Dietician Ms. Shefali Soni provided valuable insights and guidance on maintaining a healthy lifestyle.

A two-day self-defense training session was organized for female students of the college on February 08-09, 2024, conducted by Head Constable Ms. Samita.

International Women's Day was celebrated with various events, including lectures on 'Women's Safety and Financial Literacy' delivered by Delhi Police and ICICI Bank, as well as slogan writing competition on the theme 'Invest in Women: Accelerate Progress.'

The 'Saree Mein Naree' event highlighted the beauty of sarees. Girls showcased the rich diversity of our country through their attire, embracing the cultural heritage of each state with grace and elegance.

Exhibition cum Sale event was organized featuring homemade pickles and Holi colors, contributing to community welfare. Tambola Game and Environmental Initiatives: Engaging activities like tambola game and Environmental initiatives including the 'Plastic Lao, Bag Le Jao' event and a Cloth Donation Drive, furthering WDC's mission of fostering social responsibility. The Cell also organized a Sanitary Pad distribution drive on April 03, 2024. The Sanitary Pad Distribution Survey aimed to evaluate the accessibility and effectiveness of menstrual hygiene management initiatives.



Convener: Prof. Meenakshi Garg

TRAINING PLACEMENT AND ENTREPRENEURSHIP CELL

A pre-placement talk titled “Preparing for Placement” was organized on February 21, 2024 to help students prepare for upcoming placement drives and opportunities. The invited expert was Mr. Sunil Dua, Senior Regional Head of T.I.M.E. Companies that approached the College for recruitment included Corilois Technologies, AlfaTech Services, Sarabhai IT, Wipro, Google Operations Centre, Tata Consultancy Services (TCS), Uolo Edtech Pvt Ltd, eQourse, Aculife Healthcare Pvt Ltd, Hero MotoCorp Limited, Paisabazaar, and Unacademy.



Convener: Dr. Manoj Tiwari

CAREER COUNSELLING CELL

Career Counselling Cell in association with Committee for Student Mentoring and Holistic Well Being (Convener: Dr. Madhulika Bajpai) organized an ‘Interactive Workshop on’ How to prepare for Civil Services Examination on November 09, 2023. Mr. Prashant Sharma and Mr. Abhishek Misra from Drishti IAS Academy were the resource persons for the highly informative and interesting Workshop which was appreciated much by the students as they got first hand guidance for preparing for the most coveted services of the country.



Convener: Dr. Anita Sondhi

ECA COMMITTEE

The ECA Committee organised Srijan, the annual cultural fest, on 8th March 2024. Many clubs and societies organised competitions and events that attracted over 1000 attendees. The competitions included: Battle of Bands, Rap Battle, Classical Solo Dance competition, Yoga Competition, Doodle Making Competition, Photography Competition, Group discussion and Genre swap challenge. Other events like Zami parasti, the BKL play and cultural performances.



Convener: Dr. Bhavya Deep

BHASKARACHARYA CELL

The Bhaskaracharya cell of the college honor renowned Indian mathematician and astronomer from the 12th century through its work. Bhaskaracharya cell aims to enhance logical and analytical thinking of students keeping mathematics at the centre stage. The cell provides platform to the students for organizing events related to mathematics like quizzes, discussions, brain games, mathematical riddles, paper presentation & lectures by eminent personalities. The complete planning and execution of the activities of the cell is carried out by the student members of the cell in consultation with faculty members. The cell celebrated international pi day and birth anniversary of Shri Bharathi Krishna Tirthaji (father of vedic mathematics) on march 14, 2024 by organizing quiz on vedic mathematics and poster making competition. Students from different departments participated in the competition. The competition improves the mathematical skills and knowledge of vedic mathematics of the students.



Convener: Dr. Sampat Singh Chauhan

SPORTS COMMITTEE

The Sports Committee plays a vital role in promoting health, fitness, and sportsmanship among students. The committee focuses on creating an inclusive sports culture that encourages participation from all students, irrespective of their skill levels. By conducting events like the Unity Run on October 31, 2023 and 'Obesity Assessment Camp' on October 6, 2023, the committee emphasizes on overall fitness and well-being. Workshops on CPR and first aid training on May 23, 2023 equip students with essential health and safety skills, further underlining the holistic approach of the committee toward physical education and student welfare.

A series of competitive sports events organized throughout February 2024 to promote team spirit, essential life skills such as leadership, teamwork, and perseverance and athletic skill development across departments:

- Interdepartmental Badminton Tournament on February 5, 2024.
- Interdepartmental Table Tennis Tournament on February 5-8, 2024.
- Interdepartmental Chess Tournament on February 5-6, 2024.
- Annual Interdepartmental Cricket Tournament on February 5-12, 2024.
- Annual Interdepartmental Tug of War Tournament on February 5-12, 2024.
- Annual Interdepartmental Basketball Tournament on February 12, 2024.
- Annual Interdepartmental Volleyball Tournament on February 12, 2024.
- Interdepartmental Kabaddi Tournament on February 13-18, 2024.
- Annual Interdepartmental Volleyball Tournament on February 19, 2024.



Convener: Dr. Anand Bharadvaja

ART SECTION





Vidhi Chandra
Microbiology, II Year

Rakshika Koul
Microbiology, II Year



Ishita Jain
Computer Science, I Year

Pallavi
Physics, III Year



जंतर मंत्र (दिल्ली 1724)
सर्वां जपसिंह द्वितीय द्वारा निर्मित यह जंतरमाण्डला हमारे ग्रामीन विजात

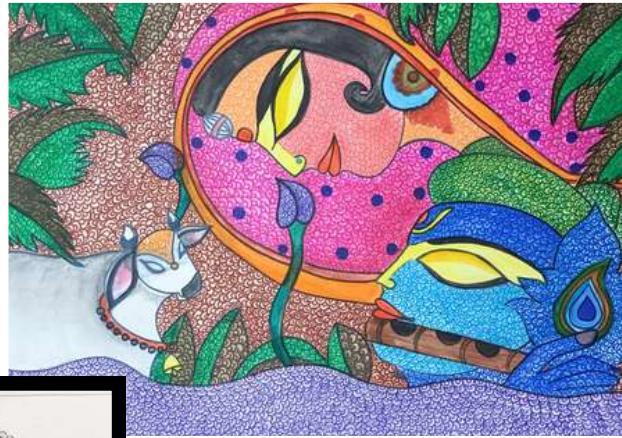


Aparna Dash
Zoology, I Year



Sandhya Arya
Biomedical Science, III Year

Ishita Goel
Zoology, II Year



Ishita Goel
Zoology, II Year

Pallavi
Physics, III Year





Amitabh Jorwal
Zoology, II Year

Pallavi
Physics, III Year



Nishi Patwari
Electronic Science, I Year

Ishita Goel
Zoology, II Year



Pallavi
Physics, III Year

PHOTOGRAPHY SECTION



Dev Pal
Physics, III Year



Dr. Rishikesh Krishan Laxmi
Zoology, Faculty



Dev Pal
Physics, III Year



Shashank Chauhan
Microbiology, I Year



Shashank Chauhan
Microbiology, I Year

Vibhor Milani
Electronic Science, III Year



Prince
Computer Science, I Year



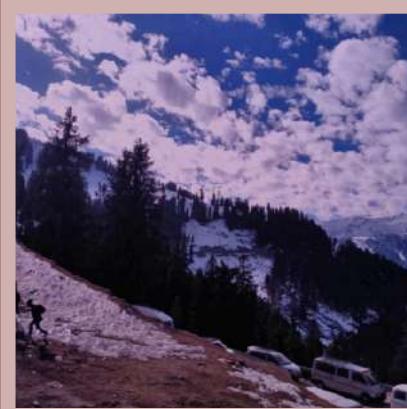
Shashank
Microbiology, I Year



Abhishek Sinha
Biomedical Science, I Year



Priyanshu Yadav
Chemistry, III Year



Dev Pal
Physics, III Year



Mihir Soumyakant
Biomedical Science, I Year



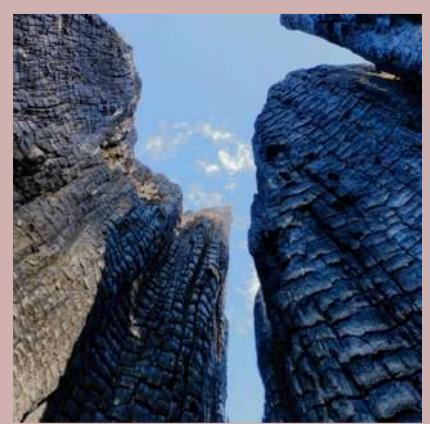
Abhishek Sinha
Biomedical Science, I Year



Shashank Chauhan
Microbiology, I Year



Dev Pal
Physics, III Year



Dev Pal
Physics, III Year

SCHOLASTIC

S T A R S



Dev Pal
Physics, III Year

DISTINGUISHED ALUMNI AWARD



Academics / Research

Dr. Vasudha Sharma
B.A.Sc. (Hons.) Food Technology
Batch of 2003-2006



Corporate / Industry

Mr. Tarang Shrivastava
B.Sc. (Hons.) Computer Science
Batch of 2005-2008



Government / Defence services

Major Nitin C Nambiar
B.Sc. (Hons.) Computer Science
Batch of 2005-2008



Entrepreneurial venture

Ms. Kamna Hazrati
B.Sc. (Hons.) Computer Science
Batch of 2005-2008

POSITION HOLDERS (Batch 2020-23)

FIRST

SECOND

THIRD

DEPARTMENT OF BIOMEDICAL SCIENCE



Bhavya



Hiranyamaya Dash



Randhir Singh

DEPARTMENT OF BOTANY



Gunjan Sood



Bipasha Mehta



Abhigyan Shekhar Mishra

DEPARTMENT OF CHEMISTRY



Adreeja Goswami



Rashi Singh



Aman Mishra



Kanika



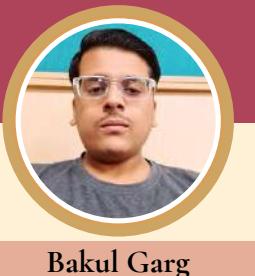
Vaibhav Pandey



Harsh



Shankar Mishra



Bakul Garg



Tarthik Roy



Deepak Kumar

DEPARTMENT OF COMPUTER SCIENCE

POSITION HOLDERS (Batch 2020-23)

FIRST

SECOND

THIRD

DEPARTMENT OF COMPUTER SCIENCE



Munna Kumar Verma

DEPARTMENT OF ELECTRONIC SCIENCE



Devesh Singhania



Rishu



Harkesh

DEPARTMENT OF FOOD TECHNOLOGY



Lavika Piplani



Anjali Grover



Ashmita Tanwar



Yash Makkar



Jyoti Chauhan



Naina



Simran Kapoor

POSITION HOLDERS (Batch 2020-23)

DEPARTMENT OF INSTRUMENTATION

FIRST



Kamaltosh

SECOND



Abhishek

THIRD



Arunima

DEPARTMENT OF MICROBIOLOGY



Niranjana K Satheesh



Jyotsana Bidaliya



Simran

DEPARTMENT OF PHYSICS



Adreeja Goswami



Neha



Nithya Priya

DEPARTMENT OF POLYMER SCIENCE



Kajal



Karuna Sharma



Shashank Upadhyay

DEPARTMENT OF ZOOLOGY



Nitin V.



Pradumn



Dishu

THE MAGAZINE COMMITTEE

TEACHERS' EDITORIAL BOARD



Left to Right: Ms. Manisha Thakur, Dr. Satyawati, Prof. Inderbir Kaur, Dr. Anita Sondhi, Prof. Vandana Batra, Dr. Alivia Rou, Dr. Shailja Singh

STUDENTS' EDITORIAL BOARD

An Inside View

Q What's one surprising secret about the magazine creation process that readers shouldn't know?



Meenakshi

No one can measure the indefinite amount of hard work, efforts and time, the editorial board put in making the magazine :)

Biomedical Science, II Year

Vidhi Chandra

No one can ever agree on which font to use. The result? A magazine issue where every page looks like it belongs to a different magazine—because the real battle was fought in Times New Roman vs. Arial.

Microbiology, II Year



Rakshika Koul

One of the most surprising things I came across was that sometimes we tend to focus so much in aligning the complexities of the content that we mess up with the spelling of some extremely basic terminologies. For Eg.- "Committees".

Microbiology, II Year

Rohit Joshi

We ourselves may do a lot of mistakes but when we judge someone else's mistake; it may seem like it's laughable. But thinking wisely, you'll get that mistakes happen and it's natural and when you analyse yourself it'll lead to self realisation.

Polymer Science, II Year



**Wishesh Joshi**

Sometimes you've been reading things for so long that you can't even pronounce the words right and you need to read a simple sentence thrice just to understand its meaning.

Biomedical Science, I Year**Nandini Prasad**

As a reader I have a tendency to go through all kinds of write-ups and semi-condescendingly think, "I could have phrased that better." As an editor you learn that after five or fifteen pages of reading, all words start to look like one big floating soup. I would not have phrased that better!

Biomedical Science, I Year**Naisha Raina**

The best of the ideas for submissions strike when its 3 A.M. and you're having a full-blown interview with yourself in front of the mirror!

Biomedical Science, I Year**Neha**

Some magazine articles aren't always what they seem...

Microbiology, II Year**Vasu Madan**

To read through the hidden feelings of my age group through their poems and appreciate the creation of their heart and mind is a pure blessing. And a surprise element, the use of the short form of " And" as "Nd".

Microbiology, II Year**Siya Bhati**

One surprising secret about the magazine creation is that some of the best content often comes from last-minute ideas or submissions that almost didn't make it in. Writers might pitch an article the night before the deadline, and after a quick but intense editing session, it becomes a standout piece.

**Aayush Kashyap**

The fewest of some and none of others and the best outcome we get.

Biomedical Science, I Year**Microbiology, II Year**

STUDENTS' EDITORIAL BOARD

Left to Right (Above Row): Vasu Madan (English Literary Member), Aayush Kashyap (Hindi Literary Member), Wishesh Joshi (English Literary Head).



Left to Right (Bottom Row): Rakshika Koul (Content Head), Neha (Editorial Member), Siya (Editorial Member), Meenakshi (Editor-in-Chief), Vidhi Chandra (Design Head), Naaisha Raina (Content Writer), Rohit Joshi (Hindi Literary Head), Nandini Prasad (English Literary Member).

The views and information expressed in the articles and poems are those of the author alone. The college disclaims liability for errors, harm, or copyright infringement. The author is solely responsible for the accuracy and originality of the content.



THE EIGHTEENTH EDITION

NAAC Accredited 'A++' || Star College Status - DBT || NIRF College 2023 Rank - 22



THE ANNUAL COLLEGE MAGAZINE

Bhaskaracharya College of Applied Sciences, University of Delhi
Sector 2, Phase 1, Dwarka, New Delhi- 110075