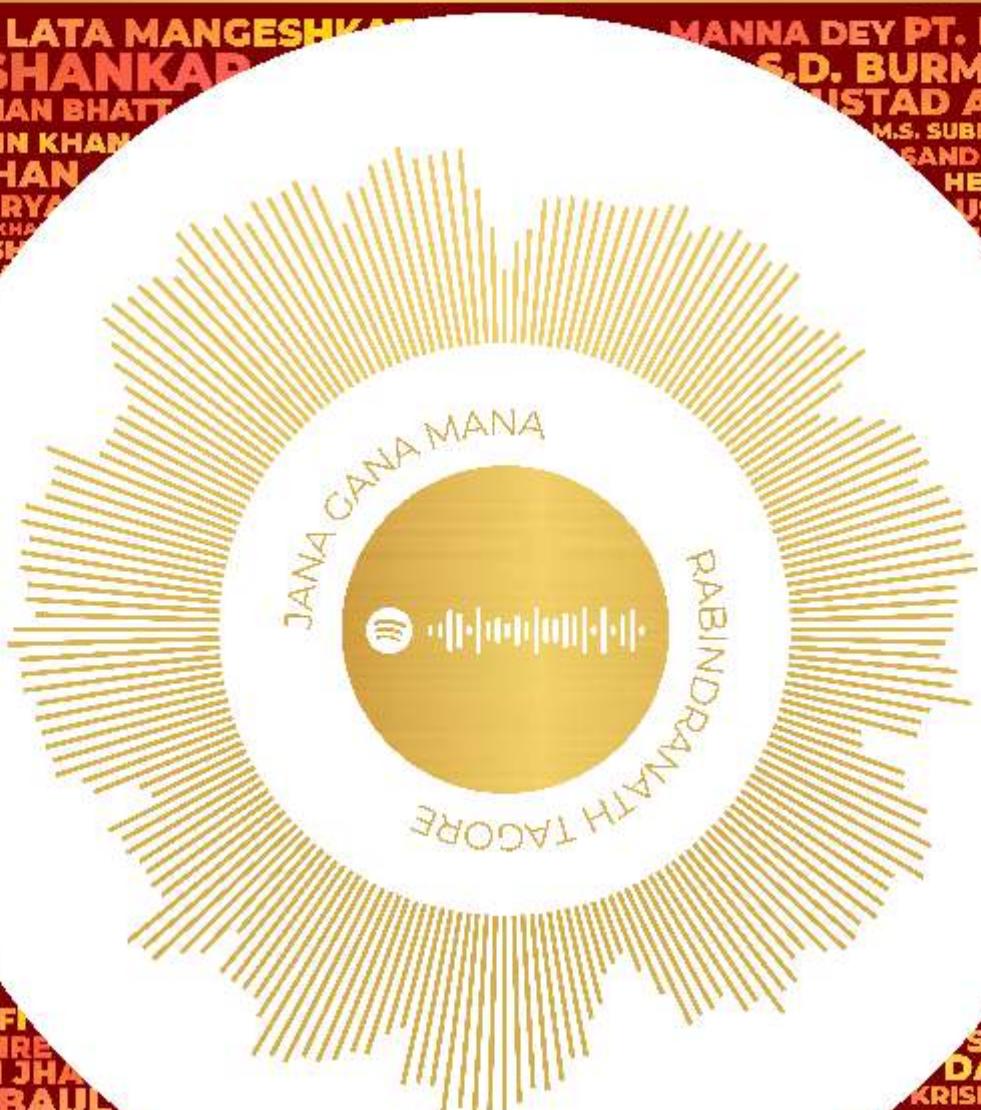


RESONANCE '23

NAAC GRADE A || NIRF 2023 RANK 22 || STAR COLLEGE - DBT

PT. JASRAJ LATA MANGESHKAR
PT. RAVI SHANKAR
PT. VISHWA MOHAN BHATT
USTAD ALLAUDDIN KHAN
BISMILLAH KHAN
SRIKANTA ACHARYA
USTAD GHULAM MUSTAFA KHAN
PT. SHIVKUMAR SHAIKH
RAMNAD V. RAGHAVAN
PT. HARIPRASAD CHOWDHURY
PT. BHIMSEN JOSEPH
MANABENDRA MUKHERJEE
MOHIT CHAUHAN
PT. RAJAN MISHRA
PT. SAJAN MISHRA
HAIMANTI SUKLA
BANKUMAR CHAKRABORTI
RUPANKAR BACCHU
MONOMOHAN SINGH
SRINIVAS
DILJIT DOSANJH
PAPON
INDRANI SEN
KAILASH KHEDKAR
SHUBHA MUDGAL
GIRIJA DEV
BAPPI LAHIRI
BENNY DAYAN
GANGUBAI HANCOCK
SOMLATA BACHARYA CHOWDHURY
LESLIE LEWIS
RICA SHARMA
NITYASHREE MAHATO
PULAPAKA SUSEEL
AAREI MUKHERJEE
PT. AJOY CHAKRABARTI
MAHALAKSHMI IYER
LAKSHMAN DAS BANERJEE
PALGHAT T. S. MANI IYER
PT. NIKHIL BANERJEE
DR. L. SUBRAMANIAN
SAHIL SHARMA AMIT TRIVEDI
STEVIN BEN ISHAN MITRA
A.R. RAHMAN
MOHAMMED RAFI
SWANAND KIRKIRE
UDIT NARAYAN JHA
PURNA DAS BAUL
SUCHITRA MITRA, KANIKA BANERJEE
DR. M. BALAMURALIKRISHNA
MAQSOOD MAHMOOD ALI
SHANKAR MAHADEVAN

MANNA DEY PT. RAM NARAYAN
S.D. BURMAN ANJAN DUTT
USTAD ASAD ALI KHAN
M.S. SUBBULAKSHMI ADNAN SAMI
SANDHYA MUKHOPADHYAY
HEMANTA MUKHERJEE
USTAD ALLA RAKHA
USTAD ZAKIR HUSSAIN
T.H. VINAYAKRAM
SHREYA GHOSHAL
ANUPAM ROY
R.D. BURMAN
DHANANJAY BHATTACHARYA
DEBABRATA BISWAS
SHA BHOSLE
SALIM MERCHANT
AMJAD ALI KHAN
LOPANUDRA MITRA
REKHA BHARDWAJ
USTAD VIJAYAT KHAN
FASIH KHAN
ROOP KUMAR PATODI
SURESH WADKAR
QUBIN NAUTIYAL
K.S. CHITHRA
HARIHARAN
K.J. YESUDAS
SOHU NIGAM
DAVED ALI
SHAAN
MONALI THAKUR
USHA UTHUP
PRADEEP KUHAD
MANHALLAL BHATTACHARYA
KABIR SUMAN
SHYAMAL MITRA
JASLEEN ROYAL UDAYAN BAGAR
SHEKHAR RAVJIANI
SHANTANU MOITRA
ALKALI YAGNIK
ARJIT SINGH
RITVIZ SRIVASTAVA ANUJ DAIN
VISHAL DADLANI
SUNIDHI CHAUHAN
DARSHAN RAVAL
KRISHNAKUMAR KUNNATH
KISHORE KUMAR
KAVITA KRISHNAMURTHY
PT. KUMAR GANDHARVA
USTAD BADE GHULAM ALI KHAN



ਬਾਂਲਾ ਕੁੱਗਾਰੀ ਅਸਥੀਯਾ
ਕੋਂਕਣੀ ਬਾਲ ਪੰਜਾਬੀ
ਕਾਂਥੁੰਡੀ ਨੇਪਾਲੀ ਓਡੀਆ
ਤ੍ਰੈਂਚਿਨੀ ਫੌਟੋਨੇਪਾਲੀ

ગੁજਰਾਤ ਚੰਨ੍ਡੂਲੀ ਤਮਿੰਡੀ
ਮਲਾਯਾਲਮ ਸ਼ੱਹੀ ਤੋਲੁਗੁ
ਸੰਸਕ੍ਰਿਤਮ् ਮਰਾਠੀ ਹਿੰਦੀ
اردو ਸ਼ਾਹੀ

RESONATING WITH THE SOUNDS OF INDIA

An Introduction to the Theme "RESONATING WITH THE SOUNDS OF INDIA"

Welcome to the 2022-23 edition of the annual college magazine of Bhaskaracharya College of Applied Sciences. This year, we proudly present the theme "Resonating with the Sounds of India," a theme which celebrates India's incredibly rich linguistic and musical diversity. Our magazine aims to recognize the paramount role that Indian languages and melodies play in uniting Indians across borders and generations. The diversity of Indian sounds allows every community to possess their own unique identity and form of expression. From the simplicity of Hindi to the sweetness of Bengali, from the refreshing tunes of Bihu to the upbeat rhythm of Bhangra, the Soul of India resonates along with its sounds. With 22 official languages and countless unofficial ones, India's vast pluralistic linguistic diversity has had a direct and invaluable impact on India's history and culture.

On the front cover, we pay tribute to 111 prominent Indian singers and instrumentalists who have defined the essence of the Sounds of India. Representing different states, languages, styles, and generations, they embody the diverse musical heritage of our nation. Additionally, the names of all 22 official languages of India are prominently displayed, highlighting their enduring significance in shaping our culture.

At the heart of the cover page, we proudly present the sound wave of our National Anthem, "Jana Gana Mana", an iconic composition uniting Indians from the majestic snow-capped mountains of Kashmir to the sun-kissed shores of Karnataka. To enhance your experience we have included a scannable code that directs readers to a soul-stirring rendition of the National Anthem, allowing the reader to immerse themselves in its resonant power.

The color scheme of the cover pages draws inspiration from the vibrant hues of the college flag of Bhaskaracharya College of Applied Sciences, infusing the magazine with a sense of unity and connection to our esteemed institution.

The section covers and backgrounds have been thoughtfully curated to authentically represent the richness of Indian culture. Every design element has been meticulously chosen to evoke a sense of the India's distinct heritage and culture. These visually captivating covers and backgrounds set the stage for a truly immersive experience, inviting you to delve into the vibrant world of Resonance and resonate with the essence of India's cultural diversity.

With this edition, we pay homage to the eternal symphony of Indian sounds that transcends barriers and unites us all, offering us the shared identity of being Indian.

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Message from the Dean of Colleges

आचार्य बलराम पाणि
अधिष्ठाता महाविद्यालय (दिल्ली विश्वविद्यालय)
सोल ऑफ इंडिया 2023 पुरस्कार से सम्मानित

मैं अति हर्ष पूर्वक भास्कराचार्य परिवार में सभी को अंतर्मन से भास्कराचार्य के 27 वर्ष पूर्ण होने पर धन्यवाद करता हूं। मुझे यह जानकर हर्ष हो रहा है कि भास्कराचार्य परिवार रेज़ओनेंस पत्रिका का सत्रहवाँ संस्करण प्रकाशित कर रहा है। वसुधैव कुटुंबकम के अनुसार समस्त समाज की हितकारी भावना ही हमारी मूल्य आधारित जीवन शैली की पहचान है। विद्यालय, महाविद्यालय देश की नींव को तैयार करते हैं। विद्यार्थी अपने छोटे-छोटे कार्यों में भारत के मूल्य चिंतन का समावेश कर संपूर्ण सृष्टि के लिए कल्याणकारी जीवन पद्धति विकसित कर सकते हैं।

भास्कराचार्य की गतिविधियों की झलक हम सभी को प्रेरित करती है कि हम एक सुंदर समन्वयक, समृद्ध राष्ट्र की कल्पना प्रत्यक्ष में साकार कर सकते हैं। हमारा प्रत्येक कार्य जैसे कि महाविद्यालय में किसी गतिविधि का आयोजन करना, महाविद्यालय की पत्रिका में सहयोग देना, समाज में व्याप्त समस्याओं से मुक्ति के लिए चिंतन करना आदि, यज्ञ का एक रूप है।

भास्कराचार्य से ही मैंने अध्यापन कार्य शुरू किया है। अधिष्ठाता कार्यालय में आज भी सर्वप्रथम मुझे भास्कराचार्य की याद आती है। भास्कराचार्य को सफलता की सीढ़ियां चढ़ा देख मन को एक आत्मिक सुकून मिलता है। भास्कराचार्य की प्रगति में, मैं हमेशा अपना योगदान देना चाहता हूं। भास्कराचार्य के हर कार्यक्रम में एक अलग ही आनंद, सम्मान और संपूर्णता का अनुभव होता है।

मैं पत्रिका समिति के सभी सदस्यों को बधाई देता हूं। मुझे आशा है कि आगामी, 25 वर्षों में भास्कराचार्य की सफलता के सोपान, दिल्ली विश्वविद्यालय में आकर्षण का केंद्र बनेंगे और कीर्तिमान स्थापित करेंगे। हम सभी को निरंतर वसुधैव कुटुंबकम की भावना से आगे बढ़ना है तथा महाविद्यालय के विकास के लिए कार्य करना है।

मैं आशा करता हूं कि विगत वर्षों की तरह आने वाले समय में हम सभी हर दिशा में विकास करेंगे। मैं प्राचार्य अवनीश मित्तल जी का महाविद्यालय के प्रति समर्पण एवं अथक प्रयासों के लिए हार्दिक धन्यवाद देता हूं।

मुझे आशा है रेज़ओनेंस पत्रिका का सत्रहवाँ संस्करण विद्यार्थियों को एक नई दिशा में समाज के हित के लिए प्रेरित करेगा।



Shri-

आचार्य बलराम पाणि

INTERACTION WITH THE PRINCIPAL

Prof. Avneesh Mittal
Principal, BCAS



शिक्षा विजय से पहले हमारे चरित्र का गठन कर जीवन के अमूल्य पाठ पढ़ाती है।

- आचार्य अवनीश मित्तल

Kuntak: What are your biggest challenges as a Principal?

Principal Sir: My biggest challenge as a Principal is working in harmony with different people because everyone approach me with personal issues. However, I have to run an institution. I want the development of our college from my heart and soul and working with all my capacities to ensure the improvement. I try to keep unbiased approach with everyone whosoever comes to me.

प्रज्ञा: प्राचार्य जी, विद्यालय और महाविद्यालय के जीवन में काफी अंतर होता है, तो आपके अनुसार, विद्यार्थीयोंको कैसे इनका निश्चय करना चाहिए ?

प्राचार्य जी: विद्यालय का जीवन काफी अनुशासित होता है और महाविद्यालय के जीवन में विद्यार्थीयों को कुछ स्वतंत्रता मिलती है। साथ ही साथ उम्र में बदलाव होते हैं और नए दोस्त बनते हैं। अंतर और बदलाव के चरण को समझना बहुत ज़रुरी होता है क्योंकि कुछ विद्यार्थी अति उत्साह में ऐसी गतिविधियों में शामिल हो जाते हैं जो उन्हें बाद में ठीक नहीं लगती है। तो अपने इस बदलाव के चरण को अच्छे से समझें, अच्छे दोस्त बनाएं और अपनी ऊर्जा को सकारात्मक दिशा में लगाएं।

Kuntak: What is your philosophy of education?

Principal Sir: Swami Vivekananda is like an inspiration for me and I believe in his education philosophy which means that education is for the empowerment and betterment of society and to resolve their issues through technology. National Education Policy (NEP) is inspired by the philosophy of Skill based education and Character building. We need to spread awareness about education among poor and underprivileged section. Our education model is to empower the society in both ways of formal and informal education. If we see comprehensively, only education system can help in empowerment of society and its overall growth.

प्रज्ञा: प्राचार्य जी, आप विद्यार्थीयों को क्या सलाह देंगे तनाव एवं दबाव प्रबंधन के लिए?

प्राचार्य जी: विद्यार्थी तब तनाव और दबाव महसूस करता है जब वह कई गतिविधियों में शामिल होता है और हर गतिविधि में अपना अच्छा प्रदर्शन दिखाना चाहता है। सामाजिक संचार माध्यम विद्यार्थीयों का ध्यान भ्रमित करते हैं और उन्हें अपने लक्ष्य से दूर ले जाते हैं। अतः विद्यार्थीयों को चाहिए कि अपने कार्य पर केंद्रित रहें। किसी भी कार्य को कल पर ना छोड़ें। इससे विद्यार्थी आने वाले कल में अपना काम शांति पूर्वक और निष्ठा के साथ कर पाएंगे।

Kuntak: What advice will you give to those students who feel lost in their career?

Principal Sir: Every student has a specialty other than education also. Don't lose confidence or get disheartened if you don't excel in one field, go for a different field of your interest. If you lose confidence and company of good friends, your direction will change. Be careful while taking decision and discuss your problems with your mentor or anyone you feel comfortable be it family or friends to find solutions or who can give good advice.

प्रज्ञा: प्राचार्य जी, हमारे कॉलेज की एक ऐसी जगह बताये जहाँ आप समय बिताना पसंद करते हैं।

प्राचार्य जी: इलेक्ट्रॉनिक्स लैब एक ऐसी जगह है जहाँ मुझे समय बिताना पसंद है। पर किसी जगह पर बैठने से ज्यादा मुझे विद्यार्थियों के साथ समय बिताना ज्यादा पसंद है।

Kuntak: It's not always possible to make the right choice. How do you deal with failures or with wrong decisions?

Principal Sir: Failure is a lesson for everyone. Don't fear it but learn from it and use it to achieve success. As Thomas Edison said, "Failure is the first step towards success." Take it like that, and don't expect your every decision or choice will be right. Failure is a learning step.

प्रज्ञा: प्राचार्य जी, पिछले साल हमारे महाविद्यालय की ऐसी क्या अभूतपूर्व उपलब्धि रही है जिसने विद्यार्थियों को एक नई दिशा दी है?

प्राचार्य जी: मेरे अनुसार महाविद्यालय में बुनियादी ढांचे से जुड़े काफी सुधार हुए हैं, बच्चों को काफी हद तक प्रयोगात्मक शिक्षा के लिए प्रेरित किया जाता है। सर्वेक्षण के दौरान मिले सुझावों को अमल करने का पूरा प्रयास किया गया है।

यद्यपि, एक प्राचार्य होकर, वर्ग प्रतिनिधियों के साथ बैठक कर समय-समय पर विद्यार्थियों के सुझाव लिए हैं, और उन सुझावों पर अमल करने का पूरा प्रयास किया गया है। छात्र प्रतिक्रियाओं पर अध्यापकों के साथ विवाद किया है। महाविद्यालय ने हरे परिसर और सौर संयंत्र पर काम किया है। पाठ्येतर गतिविधियों एवं प्रायोगिक ज्ञान को काफी बढ़ावा दिया है – महाविद्यालय के विद्यार्थियों द्वारा दीवारों पर की गई सतत विकास के आधार विषय पर चित्रकारी, एक उत्तम उदाहरण है। दीवारों पर की गई यह चित्रकारी महाविद्यालय में आकर्षण का केंद्र है। विद्यार्थियों के समूह द्वारा महाविद्यालय की पत्रिका के लिए अथक परिश्रम एवं प्रयास भी सतत विकास की ओर संकेत करते हैं।

Kuntak: If you could enforce a change in the current education policy, what would it be and why?

Principal Sir: NEP is based on the UGCF curriculum and has a lot of changes for the current year but the practical implementation is lacking. The examination reforms need to be revised because evaluating a student on the basis of one examination is injustice. We need a system where students get award for their excellence in the field. The examination system should give weightage to the talents of students. I along with my team of fabulous faculty members try to groom young minds so that they enjoy every moment in the journey of life.

I appreciate efforts of enthusiastic students of Editorial Board for presenting the 17th edition of our annual college magazine 'RESONANCE 2023.'



MESSAGE FROM THE CONVENOR

Dr. Shvetambri
Convenor, Magazine Committee



मनस्वी हृदय और संगीत वैश्विक परिवार की प्रतिबद्धता के लिए भावों को झंकृत करते हैं।

संगीत मानव हृदय के भावों की अनुपम अभिव्यक्ति है। यह न भाषा में बंधता है और न ही सरहदों में कैद होता है। यदि हम ध्यान दें तो हमारे चारों ओर संगीत है, नदी की कलकल धाराओं, पक्षियों की चहचहाहट में, हवा के चलने से पत्तों की सरसराहट समेत अन्य चीजों में संगीत मौजूद है, सिर्फ इसे महसूस करने की आवश्यकता है।

भास्करचार्य महाविद्यालय वार्षिक पत्रिका रेजओर्नेस 2023 का यह संस्करण “ Resonating with the sounds of India” विषय पर प्रस्तुत करता है। यह पत्रिका महाविद्यालय की गतिविधियों की विविधता को प्रस्तुत करती है। जिस प्रकार भारत में विविध संगीत एवं कलाएं हैं, उसी तरह प्रति वर्ष की तरह इस बार भी महाविद्यालय में विभिन्न गतिविधियों का आयोजन किया गया है। भारत के विभिन्न प्रांतों में विभिन्न भाषाएं बोली जाती हैं। भाषाओं, जाति एवं पंथ की विभिन्नता के बाद भी सभी भारतवासी एक सूत्र में बंधे हुए हैं हुए हैं। ‘वसुधैव कुटुंबकम’ का भाव हम सभी को इस तथ्य की याद दिलाता है कि इस वैश्विक परिवार में हर भाषा हर संगीत और हर व्यक्ति के योगदान की अहम भूमिका है। भास्करचार्य में वैश्विक कल्याण से संबंधित विभिन्न कार्यक्रमों का आयोजन किया जाता है। चाहे शांति हो या एकता, पर्यावरण के प्रति संवेदनशीलता हो या सतत विकास, भास्करचार्य के विभिन्न कार्यक्रम ‘एक धरती, एक परिवार, एक भविष्य’ एवं हमारी ‘वसुधैव कुटुंबकम’ की प्रतिबद्धता को दर्शाते हैं।

यह पत्रिका महाविद्यालय के विद्यार्थियों को अपने भावों को व्यक्त करने का एक महत्वपूर्ण अवसर प्रदान करती है। महाविद्यालय में प्रायोगिक शिक्षा पर बल दिया जाता है। आपको विभिन्न गतिविधियों की झलक और इसमें समाहित अनुभवात्मक ज्ञान की झलक दिखाई देगी। महाविद्यालय पत्रिका विद्यार्थियों की प्रतिभा विकसित करने का एक सफल प्रयास करती है। यह विद्यार्थियों की अमूल्य कृतियों का संग्रह है जो वास्तव में सभी को प्रफुल्लित करेगा।

महाविद्यालय के विद्यार्थियों ने आवरण पृष्ठ से लेकर कला संग्रह, लेख सभी के लिए सराहनीय प्रयास कर रेजओर्नेस 2023 के सफल प्रकाशन में सहयोग दिया है। मैं संपादक मंडल के सभी प्राध्यापक गण एवं विद्यार्थियों का हार्दिक आभार व्यक्त करती हूं जिनके बिना इस पत्रिका का सफल प्रकाशन असंभव था।

मैं दिल्ली विश्वविद्यालय अधिष्ठाता आचार्य बालाराम पानी जी का हृदय की गहराइयों से भास्करचार्य के प्रति विश्वास, प्रेम एवं समर्पण के लिए धन्यवाद करती हूं। रेजओर्नेस पत्रिका 2023 में उनके ज्ञानवर्धक संदेश के लिए आत्मिक आभार व्यक्त करती हूं। मैं आदरणीय प्राचार्य, आचार्य अवनीश मित्तल जी का, अमूल्य मार्गदर्शन, अद्भुत सहयोग एवं हमारे प्रति विश्वास के लिए हार्दिक धन्यवाद करती हूं।

मुझे आशा है आप सभी पत्रिका में विभिन्न विषयों पर आयोजित गतिविधियों की झलक देखकर आनंदित होंगे।

डॉ श्वेतांबरी
संयोजिका पत्रिका समिति



MESSAGE FROM EDITOR-IN-CHIEF

Kuntak Saha
Editor-in-Chief

I am delighted to present to you the 17th edition of our annual college magazine, Resonance! As the Editor-in-Chief, it has been my privilege to lead a team of passionate, enthusiastic, and skilled individuals who have overcome numerous challenges to surpass the high standard that they set for themselves.

A magazine represents the ideas and capabilities of an institution, and it has been our endeavour to capture the essence of both Bhaskaracharya College of Applied Sciences and its vibrant student community within this edition. Our aim this year was not only to enhance the quality and readership of the magazine but also to bring about a fundamental change in its focus. We were committed to transforming Resonance into a student-centric magazine that celebrates the achievements and memories of our students. To accomplish this, we made significant changes at every level, from data collection to data presentation. Our proudest achievement, however, is that this magazine was entirely designed, edited, and compiled from scratch by our students.

Bringing in a fundamental change in the structure of any organisation is quite a daunting task, and wouldn't have been possible without the steadfast support and guidance from our officiating principal, Prof. Avneesh Mittal. I am particularly grateful to him for encouraging us to express our artistic creativity and freedom of expression. I also wish to express gratitude to Dr. Shvetambri for believing in my capabilities and providing me the opportunity to lead the Editorial Board. For that, I thank them from the bottom of my heart. I wish to thank the Magazine Committee in their entirety for their invaluable assistance throughout the process which allowed me and my team to function efficiently. I also extend my sincere gratitude this opportunity to my professors from the Department of Microbiology for actively encouraging my participation in the Editorial Board.

Furthermore, I am deeply grateful to my family, who have been my lifelong teachers, strongest supporters, and most trusted advisors. I would like to express special gratitude to my mother and father for imparting qualities of perseverance, determination, and compassion, as well as for instilling in me a profound love for linguistics which has inspired the theme of this magazine – Resonating with the Sounds of India.



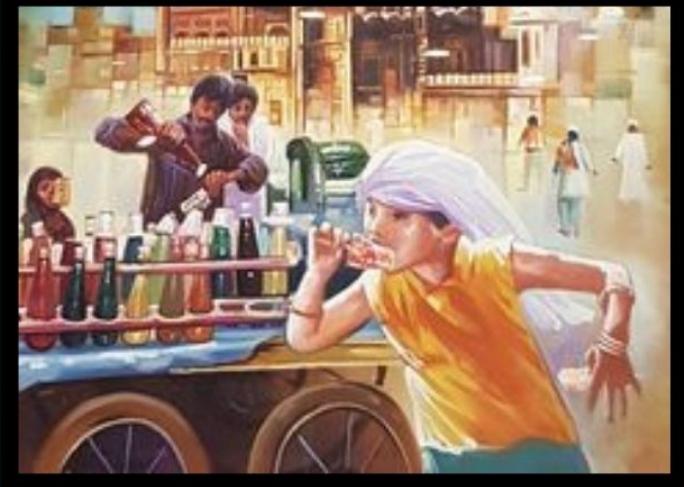
ENGLISH SECTION

A SEA OF STORMS

My heart, a sea of storms
Sometimes happy and sometimes strong
Emotions play with my head
Make me toss and turn in my bed;
My world starts changing
Worrisome thoughts keep on
Entering and fleeting from my mind
Their cause? None
Their strength? A million tons
I see people on this ship
Facing the same storms I did
Their sea monsters, brothers of mine
Trying to tear down the crew;
The neighboring boats sail peacefully
To them it's a beautiful sea
With many treasures to dive under
And many a tales to remember
There are other people on the boat I know
And just like them I have to row
But am I deserving of this, I wonder
What sins have I performed
Who have I wronged
To deserve this terrible thunder.

Nalini

B.Sc. (Hons.) Biomedical Science
2nd Year



BASANT - SEASON OF JOY

The gentle breeze and the sunlight kiss
The sweet scent that I missed
Is the winter curse over already,
Is this the spring's melody?
The insects yawned and the grasses sang
In the field, a buzz-buzz sound rang
Flowers with their eyes open
The shedding chain is broken
The leaves that flutter and flutter
With the voice of children's chatter;
Is this a painting, I wonder
With so many colours;
As if a fairy is singing a song
Making me believe,
That nothing is wrong
The birds that make their nest
The caterpillars who break their rest
A butterfly is ready to go
To play with the firefly show
Holi with its water gun flow
And colours that make everyone glow
Spring is Earth's favourite toy
Thus is called Basant- the season of joy.

Megha

B.Sc. (Hons.) Microbiology
2nd Year



A QUESTION I ASK

Fulfilled desires, still I fear,
those scars and bruises, proudly I wear;
All the negativity I smear,
Then, from the left eye, I shed a tear;
All going right according to the world,
the society around me, out of happiness it
twirled.
Everything is good, assumed,
bitter truth, life resumed.
That happiness which came,
was clearly a two-day game,
a two-hour fame,
and just a minute later, life remained the
same.
Wanted to shift to a world divine,
where my dreams could be mine;
But this harsh eye opener came to me,
it's why, now I see.
What is this world, this life?
Oh, success, it proved wrong.
It's love, heart says.
But, can this instinct be trusted again?

Isha Kaur
B.Sc. (Hons.) Polymer Science
2nd Year

BUT

They came to talk to me,
I merely wanted them to perceive;
They boast of their civilization,
But I wanted to know the origin;
They showed me the sun,
But I was curious about the light.
They taught me the "central dogma",
But I wanted to know the "motive of
gene genesis."
They taught me the "infinite,"
But I wanted to realize the "zero."
They wanted to travel in time,
I wanted to be aware of the time.
They explained the meaning of life to
me.
I just wanted to know the meaning of
the "meaning."
They taught me "how to win the world,"
But I was asking, "Who am I?"
They show me everything,
But I wanted "nothingness."

Sonu Kumar
B.Sc. (Hons.) Microbiology
2nd Year



WHO ARE YOU?

I saw the deep red sea
Shining in the light of setting sun
Asked a curious question
Who are you?
The sea with certainty answered
I am the one who holds
The key to mysteries
Of the world
The shining pearl or the first life
All hides within my blind
The sea's certainty
Took me back;
Now the sea questioned
Who are you?
I, the one filled with indecision
Started making speculations
Am I just a normal person
Living a life full of burden
Or the one to change
The life of someone
What is my identity
No one knows
Am I a fire that will burn bright
Or a flower that will lose its life
The time passed and the stars came
I asked the same question again
Who are you?
The proud stars replied
We are the ones that shine
Independent of others
Full of pride.
I, the one envious of their independence
Again fell into my life of vengeance
Talking with stars made me aware
Of my life, so unfair
The night passed
And the dawn came
The sun so bright, full of flame
I asked again
Who are you?

The sun smiled brightly
Some call me the light giver
Some see me as an art
Some call me an achiever
And consider me someone apart
But only I know my identity
It's me who decides my destiny
I am the giver of hope
Someone who will lead you
Toward the colours of kaleidoscope
Full of tears, my eyes
Found their way toward light
It's me who decides
Who I am
Now I may not know
But someday I will
Find it in the unknown.

Megha

B.Sc. (Hons.) Microbiology

2nd Year



THE OTHER SIDE

Falling from grace
My feathers are becoming dark
From angel to demon
My golden crown has become horns
My soul has been sealed under dawn
Pitch black darkness
Missing the morning dew on grass
Lazing around under sun
Sharing its warmth
Now only the chilled breeze
under the crescent moon
Having my body cold as ice
Once a high divinity
Become the sole darkness
Once a mighty sword
Become a rustic iron rod
Betrayed by the most trusted
Having my soul corrupted
O lord, o lord!!!!!!
Weeping in eternal darkness
What sin have I committed to become
like this
Is this destiny?
Then what??? Ha..ha....ha
Now the darkness has swallowed my
grief
Accompanying me
making me the highest dark ruler
Having control of resentful soul
Giving me the absolute power
People who have stab daggers
Now pay for the sins
Not having a shred of kindness
Slaughtering everyone with coldness
Eyes which were once warm
Have become cold as ice
Hands that heals and prayed
Has become the one which has killed
many
Heart which beats for its people
Has stopped beating

I asked the supreme ruler above
Why me? Why give me the cruel fate?
A voice was heard..
Says let the wheel of time flow
.....time passed by
I become the other side of the light
People who once called me holiness,
the protector of light, symbol of grace
Has now become the absolute
darkness,
Dark lord, The end
As the wheel of time once again start
Freed from the cruel fate
Choosing the next pawn to the board
Waiting for the next ruler
Light and darkness
Continued to exist...

Dhruv Dheer Singh

B.Sc. (Hons.) Biomedical Science

2nd Year

BEYOND HATRED

Promise me you'd search for me in all
the unwanted dimensions. In dirt, dust
and everyone's Imperfections. In tricks,
tactics and their bad intentions. In weeds,
woods and misleading directions
. In crowd chaos and earthly
misconceptions. In failures, fools and
heart-wrenching rejections . In grass,
gross and wounded reflections. In
sands, soils and indifferent visual
perceptions. In anger, anguish and may
be in someone's affections

Swati Saini

B.Sc. (Hons.) Computer Science

2nd Year

A BEING WORTHY FOR HERSELF

Elegant footwork down the stairs
Gracious hand sign
Eloquent smile
Attracting all
But none with bona fide desire
Wishes for someone mim admiration
Eyes which are alluring, One can't resist
Voice which mesmerized patrons
Words which entice everyone
Wishes for something amicable
Some wish to make her their marionette
Some wish to break her
Some wish to hide her
Some wish to covet her
None of those wishes her to be free
Her wishes were not conceded
Beauty which shames the moon
Fragrance which reminds early spring
thi
Truly a god's handwork
Tired of greedy eyes
Breaking the cage
Living for herself
Finding someone for herself
Looking for someone who sees as herself
A soul looking for her soulmate
A voice looking for synchronized duet
A heart which beats for only herself
A being worthy for herself
A support which last forever
A love which will last eternal
A oath which bounds us with one
A kiss which is magical
A touch which is gentle



MAY BE!?

May be you'll find me in your romantic novels
in blank pages.
in anonymous places...
in known spaces.
in freedom in foolish cages.
May be then you'll keep me entangled in your deep hugs or keep me just in silent gazes.
You'll keep me in your fullest moments or keep me just in emptiest phases.
You'll keep me in love that promised ages or keep me just in betrayal with divine traces.
You'll keep me in unobstructed paths or keep me just in never ending mazes.
You'll keep me in the warmth of winter sun or keep me just in freezing night hazes.
Will you keep me!??

TAROT'S THIRTEENTH

The face of death,
doesn't scare me no more.
When you died,
my feet became so sore.
When you died,
you took my fear of death away with you.
My vengeance for the world grew;
from daily errands, I withdrew.
Is this called a suicide mission?
To be able to get motivated
about something so gloomy
like death itself?
Even the site of the 13th card
in tarot scared me,
but now it just seems so easy,
I don't mind to just flee.
All fear around death
is about where we go.
Hearing your name,
my heart moans.
My death of me,
will just mean our reunion.
Until then, my life will be a pain,
or a big blur confusion.
Throw a party
when I enter,
Please wait for me,
right in heaven's center.
My feet until then
shall remain sore.
To sacrifice something,
I just have myself.
Hence, my ugly soul I pour.
For those whose lives
are a punishment,
death is far too less,
it's rather much like a gift.
When you went away,
you took my heart along.

Now there's a hole,
which remains
until I become strong.

Isha Kaur
B.Sc. (Hons.) Polymer Science
2nd year

THE SUMMER STORY

It's a summer story,
I saw her from a distance,
Like I see the moon,
Her eyes shining like stars,
I started falling for her soon.

Like a fool of her charms,
Dreaming to be in her arms,
Her smile bright like sun,
Whenever everything felt annoy,
She made everything a joy.

At last my heart gave up,
Gained courage and confessed,
She accepted, I was blessed.
Her smile cools my day,
Her eyes light up my night,
Like a fairytale, she shines so bright.

I still remember,
It happened in last summer,
I saw her from a distance,
Like I see the moon,
She was shining so bright,
My heart was blinded by her light.

Samujjal
B.Sc. (Hons.) Microbiology
2nd Year

SHORT STORY-THE JAILER AND THE PRISONER



" "What's the difference between you and me?", asked the prisoner, his back towards the jailer, his voice barely a whisper.

"What do you mean by that? I'm not a criminal like you", scoffed the jailer. He hated chit chatty prisoners, they always got on his nerves.

"Yes, that's true. But you and I lead the same life". The jailer was getting annoyed now. This man was purposefully trying to get a rise out of him "If he tries to be smart with me I'll set him straight", thought the jailer sadistically.

"How do you figure that?"

"You start your day in jail, so do I. You eat the food prepared here, so do I. You take a nap here, so do I. You-"

"Alright alright, I get it! But I haven't killed anyone" said the jailer. He did not like this man . He did not like the things this man said.

"Well neither did I".

"You know what I mean. You attempted to kill off your own brother!"

"So have you."

"What?! How dare you accuse me of that!"

How dare the man speak like that to him. He was reputed to be the most frightening officer in the entire center. He had prisoners shaking and trembling when he came by. He was a no nonsense man and anyone who thought otherwise paid heavily. The audacity of this man to call him a killer.

"You must have at least once in your life thought about killing your brother. Maybe not seriously, maybe in a fit of rage or annoyance but you have encountered such a thought. I simply acted upon those thoughts."

"Well that's what separates us! I don't act upon such hideous thoughts because I'm not messed up in the head!" exclaimed the jailer. The prisoner was silent. After a few moments he spoke again. "Yes I must concede that there are certain variations in our lives. Yet we are more alike than you think." The jailer felt his ego pulsate as he realized he had won the round. He liked that he had defeated the prisoner with logic, no matter how messed up it was.

So he decided to humour him once again. "Alike you say? Do tell"

"You and I both have to spend our entire lives in this jail." "My boy you are once again wrong!" said the jailer with a smirk. "I get to go home!" "You are not married because there is no ring on your finger. You don't have kids as I have been here for more than a year and have never heard you talk about them. You live alone. You are not close to your siblings as you talk to them only on their birthdays or on Christmas. You are bitter and lonely as you long for someone to care about you so your house is no better than a jail. A home that lacks a family is not a home."

The jailer was speechless. He had not been prepared to be analyzed so deeply. This man had drawn conclusions about his life by simple observations, and accurately done so.

"But there's a difference: I can leave whenever I want," said the jailer with a smug look . He wanted to win again and he thought that his answer would surely aid in his victory.

"Yet you don't leave." said the prisoner in a quiet eerie voice. "You continue to work here. You are chained to this place because of your obligations. Your obligation of buying dinner for yourself, of paying the bills and the taxes. I don't have any of those but it's the law that chains me to this place. I'm locked inside the cellar. You are locked inside your head. These walls restrict me from reaching my full potential. Your fears restrict you from reaching yours. Our problems are the same though their causes may be different."

It had started to rain. "So what's the solution?" asked the jailer in a small voice. The rain intensified.

"Break the walls. Break the bars."

The prisoner stood up. His back still towards the jailer.

"How do I do that?"

It was now downright pouring.

"Come with me and I'll show you how to live. How to really live and enjoy every moment of your life."

" Wha- what do you mean?" The jailer had a very bad feeling.

It was dark outside now and the rain was coming down so heavily that it was almost impossible to make out anything in the dark.

"Come with me and my men. We'll take care of you. We take care of family."

Dread filled the jailer's body. "No. No. NO. You are not breaking out of here!"

The jailer had finally caught on. This man was going to try to break out. That is why he had tried to tangle him in his web of words. And like a gullible insect he had fallen in. But no, he won't let this psycho win.

The jailer grabbed his gun and looked around frantically. He would be ready for any jumpscare.

"I tried to give you a chance. Yet you have shown me that you are not worthy of us. I will have to find someone else."

"There is one single difference between me and you", the prisoner continued,

"I shall get to see the sun rise tomorrow."

The jailer was rooted to his spot. He had been tricked. But how?

As if to answer his question, the lights in the room went out. A chill ran down the jailer's spine as his ears became hot.

This time the round wasn't his.

Thunder and a gunshot. The body was dragged into the cell, behind the bars.

Nalini

B.Sc. (Hons.) Biomedical Science

2nd Year



“Denial. Delusion. Derelict”

I believe these are the 3 D's of a denarian and a vicenarian in the modern world. One could juggle the order in which life brings these instances in their journey, all I am saying is that they are doomed to happen. I happened to believe that career is one of the few things I would never have to worry about. I was so sure of getting into the best college, the best degree, and the best job and end up happy and content with one or the other hundred plans I had. Having a hopelessly optimistic man for a father also didn't help my case much. I had backups, and even from a steep series of falls, I used to think I could land on a memory foam mattress. See? Denial, Delusion, Derelict. We talk and preach mental wellness on our social media handles, but, do we really care enough to be a participant ourselves when we reach the point in our lives where we might actually need therapy? Do our schools and universities and offices really care enough to hire a psychotherapist qualified enough to at least promise life changing affirmations to people in need? 52.2% of people in the USA (including major ethnicities) went through mental health treatment while most people in this country live in denial. This generation comprises varied groups of people. From those who believe in dreamy-arranged marriages to live-in relationships to situations to ones having non-existing love lives, and even relationships relying on compromise out of compulsion.

A major portion of our problem lies with the last kind of relationship.

For instance, you could see compulsion in “I let a popular guy that I did not like, grope me, shamelessly flirt with me and force me to dance with him amid a group of my other batchmates to not appear haughty.” and in “I love my daughter. I wish she would just stay as a government officer in India but she wants to be the new breakthrough in science and I have to let her fly.” In both these cases, there's a longing for either love or affection, or support.

Psych says “love, affection, and support” are the three determinants of wellness in a man's life. And as for us, the Gen-Z and the Millennials, I believe it is as close to oxygen for breathing. These three pillars are so co-dependent on each other that if even one falls weak, the entire foundation of wellness could collapse. When we appear to be losing at one of the aforementioned facets, we completely lean towards the other two and end up becoming a lesser version of our previous selves. We change who we are for better or worse, affecting not only ourselves but also our friends and loved ones, and what we fail to understand is that respect is the land on which the pillars of love, affection, and support are built. We delude ourselves into thinking that with the lack of respect, any relationship would ever stand a chance. And when things don't work out we still hold the torch in false hopes. Letting go is hard, and we often fall into the pit of never-ending toxicity. Stalking, phoning, trolling... the list is endless.

Rising from the delusional, derelict, and in-denial self to being the one deserving of love, affection, and support is a long, demanding road, and it certainly does not have a common formula. But we need to figure out this path on our own. And sometimes, we can't do it all ourselves. Every one of us is brought up in a different environment and growing despite it, has never been easy. This brings back the case in point of having counselors in our institutions and offices. Because, at the end of the day, it is only a therapist's unwanted advice that does not offend a person.



THE MAGAZINE

She was smiling. Charlotte was reading those fancy magazines again. We've been Car-pooling to work for a few months now and I would always see her at the same place, outside her house. She'd always sit on a caramel coloured swing chair with yellow cushions. I stopped the car at her front door and called her. She kept the magazine in her bag carefully and sat in the car. Another day passed by when she didn't invite me to her house. As someone who was friends with Charlotte for at least 5 months, it was a bit disrespectful when she never called me in her house. I had also tried coming 5-10 minutes earlier than usual just so I could ring her doorbell for once and she'd invite me inside but it felt like she's always sitting outside. I'm not a creep, I am just a normal human being with enormous curiosity filled inside me. After reaching the office, we went on to our daily work. I had to ask today why she was always so secretive about her house and her private life. And no, I did not want to know how her grandmother's sister in law's grandchildren are doing or if her aunt has any pets. I just wanted to know her close family like if she had any siblings, parents or pets for that matter! A normal friend, or at least a colleague would tell that much but she lived as if she was a Cherub guarding the Garden of Eden.

"Charlotte" I called out as she poured her 3rd coffee today. She looks up and waves at me. I wonder why she has such a resting face all the time. She worked as if everything was under her control, getting late to meetings was never a problem or she was never scared of our boss. "We're thinking of hosting a party in celebration of you and other of our colleague's promotion. You guys are paying for most of the things of course. We're just common men with little money in our pockets but you guys are the 'promoted' ones" I said as she drank her coffee. "Ha-ha, very funny. And sure money's no problem, when's the party?" I took a breath and finally dropped the bomb "your house, this weekend". Her smile suddenly drops.

"What happened?"

"It's just... I have OCD and I cannot tolerate people over at my house, it always gives me weird feelings"

"Why did you never tell me this?"

"I never felt I had to".

Her statement felt valid but still an excuse considering how crowded and chaotic our workplace can be at times. But that was not a reason to suspect her like that. She leaves the room in a bit of a hurry and a magazine slipped from her files. It was one of those fancy covered magazines she'd always read. Before I could give the magazine back to her, my fingers were already flipping the pages. There were only pictures of people, candid shots as if when walking on the street or walking out of shops. Some even looked like mugshot photos. Maybe she had a passion for photography and didn't tell me that either because 'she never felt she had to'. There were a few torn pages which felt totally out of place but it wasn't anything serious.

I went to her cabin and found an empty desk, so I just kept the magazine on her stacks of files.



“How boring?” “Such a lone wolf!”, “You definitely like being alone”, “You need to develop some social skills.”... phrases like these aren’t unfamiliar to those who specifically prefer traveling alone. Growing up, most of us have established this notion that we humans enjoy the smallest pleasures in life only when we are surrounded by many people, which is arguably true to a certain extent. We’ve also incorporated this notion into our travelling lives...the more, the merrier. But, is it actually true? Do we really get to enjoy our little expeditions, our dream adventures and our beautiful experiences by travelling in large groups? I doubt so. Many questions to answer, right? Even in this fast pacing world, we continuously emphasize on the importance of group travelling, advocating them as amusing and congenial and often labelling those who admire travelling alone as “solitude addicts”. While it may be true that some of us do like solitude, it is not necessarily the same for everyone. At a personal level, I absolutely love travelling alone, all by myself. I ardently believe that travelling alone opens one to certain experiences that will always be unique to them that no one else can ever impede. Travelling alone can definitely get overwhelming at some point, especially at the beginning when you see groups of people enjoying themselves, just talking and laughing together, eating together; it makes one prone to the feeling of missing out on those experiences but believe me, it just gets better with time. We often expect a lot from such group trips and end up getting disappointed. Just the sheer idea of travelling alone gets on our nerves. While travelling in groups have its own perks but the beauty of travelling solo far outdo them. While travelling solo, we get to experience a different life altogether. We see things in a different light with a different perspective and most importantly it is all ours. We do not need to share this with anyone. That’s the beauty of travelling alone. We get to witness a diverse range of cultures, get a chance to listen to the stories of its natives, cherish the beauty of the nature of the particular destination all at our very own pace, with absolutely no hurry, stress or compulsions which has no relation with travelling alone. This is why we travel, right? To take a much needed break from our daily lives consisting of the same routines in endless loops, just to have time for ourselves, to rejuvenate our souls. So, what’s the point of travel breaks when we are far deprived of these basic exigencies?

Travelling alone is like a breath of fresh air in a world which solely focuses on the importance of socialising, even intimidating people to go out of their ways to socialise irrespective of their interests, just to score those extra ‘points’ in this very acquisitive world. It’s high time that we step out just for ourselves and behold this beautiful world’s incredible marvels all with our feelings and sentiments...something that is special and just ours.



PERSONALISED MEDICINE: YOUR OWN ONE

Newer investigations in medical sciences are paving the path for significant progress in clinical medicine. Personal medications/ personalized medicine is the most fascinating topic being studied in recent years. Is it not amazing that each person would have his unique genome code as a thing to carry just as a unique barcode? Within the upcoming 2-3 decades, medical science would be modified drastically.

Personalised medicine means the prescription of drugs best suited for an individual based on pharmacogenomic information. This may also be considered as an extension of traditional medical approaches for understanding and treating disease, but with greatest precision. A profile of a patient's gene variations can guide the selection of drugs and treatment protocols that minimize harmful side effects such as allergies, and ensure more successful outcomes. Personalized medicine can also indicate an individual's susceptibility to certain diseases before they manifest. Human Genome Project and Molecular Biology are fueling the progress in personalized medication. Let's understand this with the help of a case of Kemma at Riley Hospital of Indiana University. At the age of six, she started complaining of stomach ache. Within two months she started losing weight. When diagnosed it was found that she developed a rare aggressive form of ovarian cancer. The traditional chemotherapy didn't help her. When the genome of her tumor cell was sequenced there was a mutation which was normally seen in old people with a rare form of lung cancer. Fortunately there was a drug to treat it. Within a few weeks her tumor decreased. Sequencing of the genome took around four days and \$2700, but its cost may reduce in future.

Personalized medicine along with other techniques can change the future of medical science. There are several challenges at present time, but considering the nature of humans, we'll overcome them so the patients can get the best of it.

Khushboo
B.Sc. (Hons.) Chemistry
2nd Year

We scheduled the celebration of Charlotte and other's promotion at Ben's house, a very annoying colleague. I called Charlotte to grab a few coke bottles on her way to the party. She picks up the call and says "I can't make it". "Why can't you? You can't bail on me at the last minute" I exclaimed to which she replied "An important thing came up, I'm sorry". She hung up the phone. I was very disappointed to text or call her for the rest of the weekend and the surprising thing was she didn't reach out either. I guess at that point I had accepted that she wasn't the very friendly and talkative type of person.

On Monday morning as I grabbed my keys and headed to the door, a text pops up. It was Charlotte. Her text went something like, "Hey, sorry for not texting lately; been very busy and I do not think I can come to the office with you today. Don't wait for me". I wasn't sure why she didn't mention more details to the text, but I stopped expecting things from her. I show up at work and see people crowded outside our boss' office. I check if Charlotte had reached, oddly enough, her cabin was completely empty. Anyways, I squeeze my way through and finally find space to stand where I could see something I probably didn't expect today: Cops. The cops after discussing something with the boss came to us, the employees and said, "There have been many murders taking place in our city. The most recent one was this weekend. Cameras have caught that the murderer has been leaving pictures of the victims at the murder sites after tearing it up from a sort of notebook or a magazine maybe. We fear that this was not the last murder and there could be more hints in that notebook the cruel murderer has been carrying. Our investigation has concluded that this was not a team work, but a solo crime and it has led us to this particular office. Anyone of you who might know anything regarding this case please let us know all the details you know or might be suspecting." Sweat dripped from my forehead and my fingers were trembling. The cop asked me, "Sir, do you know something? Sir you need to answer, are you okay?" I look over the cop's shoulder and see Charlotte leaving the office as she looks over at me. She was smiling.

Ananya

B.Sc. (Hons.) Biomedical Science

1st Year



THE SKYROCKETING OF INDIA

With India assuming the presidency of G20 for the year 2023, we got the golden platform to advance our interests and promote the country's profile on the global stage.

The Group of Twenty (G20) is the 'premier forum for economic cooperation', shaping and strengthening global architecture and governance on all major international economic cooperation. The G20 does not have a permanent secretariat. One member takes over the presidency each year to steer the agenda split into 2 parallel tracks- The Finance Track and The Sherpa Track. During its term, India is expected to hold more than 200 meetings across 50 cities involving ministers, officials and civil society.

As popularly said, "This is a moment for India to transition from being a rule taker to a rule-maker".

It's time for our country to invest in multilateral rule-making institutions like the G20 and express its commitment to multilateral cooperation and demonstrate its emerging soft power. Through a range of activities and events, India utilized its membership in the G20 to build bridges between different countries and regions by advocating the interests of developing countries and promote economic cooperation and integration between developed and developing countries.

The world is also beginning to recognize our global impact as the multilateral bank addressed India to be an undeniable global powerhouse, which can unleash its potential, pay heed to insights and get feedback from members, and contribute to the international community.

In conclusion, the platform is expected to be a mirror of India's independent foreign policy driven by its increasing economic might. As India sets an ambitious, people-centric agenda to address global challenges and facilitate sustainable economic development, it is expected to contribute to the international community and create a certain path towards becoming a major global soft power.

Kanak Gupta

B.Sc. (Hons.) Biomedical Science

1st Year



8 LETTERS PLAYED BY THE HORMONES

1. Seemed like gods have paused the whole world other than him for me! My EYES were straight on his eyes without even a blink.
2. Is my prince controlling my breath? I am not even able to BREATHE when his sight is decorating my eyes.
3. Without even a second guess, my MOUTH was wide open!
4. Areeee bhai! Why is my charming hero controlling my HEARTBEAT? tap-tap tap-tap.
5. Byeee to the trigonometric formulas- This was what my BRAIN told as soon as he had given me a handshake.
6. I am freezing- Shouted the HANDS and LEGS of mine together.
7. I am only able to feel him- everything else is black, white, and blurred... told my whole BODY together.

He was about to say something...8 letters were dancing on my mind making me fly in the seventh heaven. ' HELLO SIS!'- Yeah, it was also 8 lettered! It was when I noticed the 'OVER' in 'LOVER'.

1,2,3,4,5,6,7... EYES, NOSE, MOUTH, HEART, BRAIN, HANDS AND LEG and the BODY. Oiiii sister, would he come and console them? No right? You indeed have very well fooled all your precious organs by calling someone 'precious' while he doesn't even deserve to know the synonym of it. So, dear brothers and sisters, it is better to fall in love by knowing that it is the name given to the game of hormones. Have your beautiful parents raised you to be a part of somebody's game?

Sree Nandana S

B.Sc. (Hons.) Food Technology

2nd Year

MENTAL HEALTH OF STUDENTS: A CRITICAL CONCERN



Students may face a variety of issues as they make their way through academic life, such as academic pressure, social isolation, financial challenges, and a lot of other pressures. These difficulties may have a significant effect on their mental health and result in a variety of issues, such as anxiety, depression, and even suicide. As a result, it is crucial to provide students' mental health support top priority.

Students' Experiences with Mental Health Issues

Students' overall wellness and academic performance can be greatly impacted by mental health issues. About 40% of college students with diagnosable mental illnesses do not seek treatment, according to the National Alliance on Mental Illness (NAMI). Scholastic challenges such as lack of enthusiasm, trouble concentrating, and poor marks can be brought on by mental health issues.

Moreover, mental health problems can affect a student's connections and social life, which can cause social retreat and isolation. This can then worsen mental health issues, starting a vicious cycle that can be difficult to escape.

Causes of Student Mental Health Issues

There are several causes for students to have mental health issues. A few of the numerous pressures that students experience include academic pressure, money problems, relationship problems, and social isolation. Also, it's possible that kids are coping with undiagnosed or untreated mental health conditions like despair or anxiety.

Furthermore, many students may find it difficult to adjust to college life. New academic and social expectations may feel overwhelming to students, which can cause anxiety and depressive symptoms. Last but not the least, certain students might be genetically predisposed to mental health concerns, which means that regardless of outside stressors, they are more prone to these challenges.

Keeping Pupils' Mental Health Issues at Bay

Taking steps to prevent mental health issues in students, requires a diverse strategy. By providing peer support groups, stress management courses, and other mental health services, schools and universities can play a significant role in promoting mental health. By encouraging a good work-life balance and giving students the tools and resources they need to excel academically, educators may also help students cope up with academic stress.

Supporting their children's mental health is something that parents can do in numerous ways. Parents can assist their children in overcoming the many obstacles of academic life by providing emotional support, promoting open communication, and asking for assistance when necessary.

The last option is the pupils themselves should prioritise their own mental health. Self-care should be prioritised, good coping skills should be developed, and assistance should be sought when necessary. Students can also gain from developing positive social connections and taking part in activities that support mental wellness, like physical activity, meditation, and mindfulness.

Conclusion

Students' mental health issues are a serious matter that calls for a diverse solution. Schools, colleges, parents and students themselves may collaborate to promote mental wellbeing. They should make sure that kids have the tools and resources they need to achieve academically and personally by giving mental health care for students a high priority. Let's all work together to give students' mental health top priority.

Suhani
B.Sc. (Hons.) Microbiology
2nd Year

EFFECT OF MUSIC ON PLANTS



I wouldn't call this experiment objective or a discovery that can change the world. It's a simple experiment done out of boredom on a sunny holiday. There was a time when I was growing wheatgrass for a patient in my family as it's supposed to have many health benefits and because of that, this plant became my experimental rat. I kept the pots having wheat as seeds in three different rooms, ensuring they receive the same amount of sunlight and the soil is from the same source. These plants were then subjected to two types of music for 3 hours a day. One was subjected to western classical music and the other to rock music and the third one was kept as control. After two weeks of observation, it was found that the pot that was subjected to classical music had the highest average height (considering all seeds that germinated) while the one subjected to rock music had the most extensive root system but a short height. The control, on the other hand, lay in the middle in height and the root system as well. Thus suggesting that classical music can be used as a stimulant for plants where length is of economic importance like sugarcane while rock music can be used for those plants where roots should be more extensive like carrots. Of course, this experiment should be repeated in more objective conditions to give a concrete conclusion but these do suggest that music is the language of growth and healing. So, the next time you listen to your favourite song, think about what kind of healing it's initiating in your body.

Megha
B.Sc. (Hons.) Microbiology
2nd Year

WHY AM I INSPIRED BY BOSE AND THE JOURNEY OF HIS LIFE



"One individual may die for an idea, but that idea will, after his death, incarnate itself in a thousand lives." These words were penned down by Subhas Chandra Bose, the precursor of those thousand lives who were incarnated from his soul and continued to follow his philanthropic footsteps towards freedom. He was one of the stepping stones that led our country to the pinnacle of success.

Our freedom ship had to endure thousands of storms to reach its desired destination. There was a phase of the journey where the destination felt like a mirage at a certain time. Subhas was the epitome of leadership and patriotism. He became the searchlight of many soulless Indians, thus guiding them towards the golden path of freedom. When Britishers turned India into a money-churning machine, he was the one who infused the idea of freedom within the souls of Indians, thus adding a new page to Indian history.

This story has inspired me to face my hardships and face the world with my head up. His life makes me feel that every day is a new day full of challenges, and I should welcome it with open arms. According to him, life loses all its interest without struggles. His risk-taking attitude drives me to explore my shades, thus introducing me to new ones.

His leadership skills and how he led the Indian National Army are yet another of his charismatic quality I look up to. How he carried his people for the battle of blood, with even women holding weapons, shows how he organized his patriots for the glorious journey to freedom. His leadership skills show that rather than standing on a high pedestal, we can work with the mass and ride the victorious horse together. His example taught me that a true leader knows the way, goes the way, and shows the way. His guidance is what sailed India to what it is at present.

He was a true patriot of patriots. His blood is the ultimate seed of the tree of liberty. Had it not been for him, the Indian paradise would have been transformed into a blood-soaked hell. He was tremendously courageous. His indomitable courage in front of the British army and his faith in Indian soldiers gave a tremendous boost to India's freedom movement. Today, this makes me more inclined to represent my country worldwide.

He was a selfless contributor as he dumped his life of luxuries and chose a life of struggles and service to his motherland. He showed us how one could channel his anguish and pathos into something productive, thus conquering a new milestone in life.

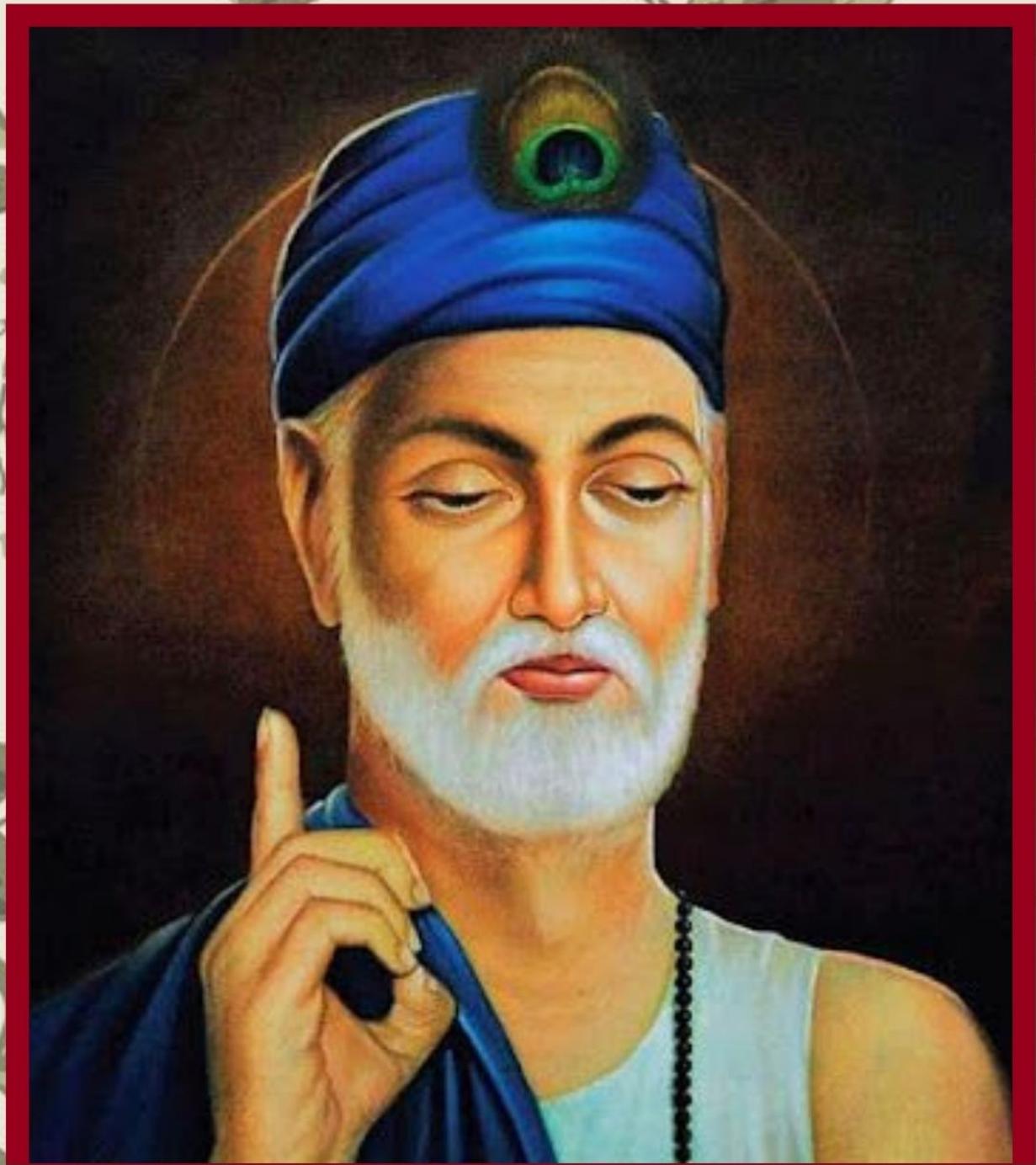
We all know that the truth changes every time, and we, people, make these changes come true. If we sneak into the pages of history, we can see how he changed the truth of his time, thus creating a legacy where people like me have the power to change the reality of our time, thus coming out of the deep valleys of injustice. Because of leaders like him, we are breathing the air of freedom. We have risen from the ashes like the phoenix of destiny. His chapter in history helped India anneal into the progress of the global society, and now we are leading a happy life because we belong to India, and India belongs to us. We can now breathe freedom after so much of struggles.

As I learn more about the world, I've begun to realize that it's like a bouquet, different flowers with different fragrances but one single bouquet. The aroma of education, knowledge, purity, and sanctity is spreading throughout the entire world, thanks to the efforts of a selfless patriot like him. Now amongst those blossoming flowers is my country, India.

Rakshika Koul

B.Sc. (Hons.) Microbiology

1st Year



हिन्दी खंड

सौहार्द

यू खूंखार बन कब तक अपना परचम लहराएगा,
हृदयी हो अपनो को जीत जाएगा।
है न तू शाश्वत यह तू भी जानता है,
फिर क्यों अपनों से बैर ठानता है।
किस ओर ले जा रहा तू अपने कुटुम्ब को,
तेरी पीढ़ियों को तू क्या सिखा रहा।
है इंसान तू इंसान बन,
अपने प्रेम से पहचान बन।
छोड़ तू तर्क सरकारों का,
चिंतन मनन कर अपने संस्कारों का
याद तुझे कुछ आया क्या
वो छुपा सौहार्द मुस्काया क्या,
खींच उसे तू बाहर ला
बैठा और समझा।
देख अभाव में तेरे हुआ है क्या,
मनुष्य हिंसक पशु बना।
कहीं नहीं अब जाना तू
मैं तेरे संग ही रहूंगा,
इंसान हूं इंसान बनूंगा
अपने प्रेम से पहचान बनूंगा।

नाम- खुशबू
बीएससी - केमिस्ट्री
वर्ष- द्वितीय

मैं मुसाफिर-ए-बेखबर

मैं मुसाफिर-ए-बेखबर,
निकल पड़ा इन राहों में,
मंज़िल का कुछ पता नहीं,
बस सफर की चाहत जीवन में।

मैं मुसाफिर-ए-बेखबर,
जानें किन लम्हों की चाहत में,
छोड़ अपनों और अपनापन को,
चला जा रहा इस आहट में।

मैं मुसाफिर-ए-बेखबर,
खो जाऊँ इस कदर रास्तों में,
पथिक ऐसा मैं बन जाऊँ,
जग ढूँढे खुद को मेरे पदचिन्हों में।

मैं मुसाफिर-ए-बेखबर,
चाहूं खुद को ना धूप में ना छांव में,
अनजानों को अंजान करने,
निकल पड़ा इन राहों में।

नाम- ललित कुमार
बीएससी - बॉटनी
वर्ष- तृतीय

विष्णुवतार

आओ इतिहास का एक ऐसा रूप दिखलाऊँ ।
जन्मे थे जब इस भूमि पर, मूर्ति जिनके बनाऊँ ॥
अधर्म पर धर्म के मार्ग का, एक ऐसा काल बताऊँ ।
काल चक्र जब भी धूमे फिर तुम्हें ये दोहराऊँ ॥

प्रेम, समर्पण का भाव देखो या देखो युद्ध प्रचंड ।
दो काल के बीच की कहानी है यह अखंड ॥
वनवास के पात्र में कहीं ये मिले राम- सीता।
या फिर मिले कहीं अपार देखो ज्ञान गीता॥

नाश देखो एक जात का जब हुआ उन्हें अभिमान।
इसी गाथा से बनी कुरुक्षेत्र की भूमि महान॥
और जब याचक के दो पग में समाया सारा जहां।
तब भक्त बना यहाँ स्वयं भगवान की शान॥

अपनी अर्धांगीनी को पाने खातिर पीठ पर भार उठाये।
और ठीक उसी क्षण रक्षा हेतु मोहिनी बन नचाये।
विशालकाय मत्स्य जब मानव जनजाति बचाये।
तो बताओ ये किस्सा हम तुम्हें कितनी बार बताएँ ॥ -२

नाम- अमिनीत रमन
बीएससी - कंप्यूटर साइंस
वर्ष- तृतीय

रात्रि

रात की अपनी ही एक रोशनी होती है ।
अंधकार में सितारों के बीच यह अलग ही चमकती है ।
सैकड़ों सितारे रात में जगमगाते हैं,
मानो आकाश में एक अलग ही जहाँ बसाते हैं ।

जब मखमली धास पर लेटकर,
उस अनंत अंधियारी से निगाह टकराती है,
तो लगता है दुनिया की सारी शांति उसी क्षण में समां जाती है ।

परन्तु जाने मनुष्य रात्रि से घबराता है ?
जाने क्यों इससे दूर भाग जाना चाहता है ?

बहती हवा में, कलानिधि के उजाले में, प्रतीत होता है कि
सारे जग की सुंदरता छिपी होती है,

लेकिन वही हलकी सी एक आहट भी क्षण भर में भांग कर देती है
शायद उन्हीं आहटों से डरता है इंसान ,
इसलिए नहीं जान पाता है उस रागिनी का इंतज़ाम ।
क्योंकि इस प्रकृति का भी अलग ढंग है
सुंदरता कालिख में भी है, बस नज़रिये का फर्क है ।
ऐसे ही रात्रि की भी अपनी ही रोशनी होती है,
अँधेरे में सितारों के बीच यह अलग ही चमकती है ।

नाम- छवि पोरवाल
बीएससी - फूड टेक्नोलॉजी
वर्ष- द्वितीय



अपना भास्कराचार्य

सबसे प्यारा अपना ये कॉलेज,
हमको देता गहरा नॉलेज ॥
हरे रंग का है इसका भेष,
लंबे हरे हैं इसके केश ॥

शिक्षकों की योग्यता अपार है,
यहाँ ज्ञान का भंडार है ॥
शिक्षक हमें सबकुछ बतलाते हैं,
हर एक मसले को सुलझाते हैं ॥

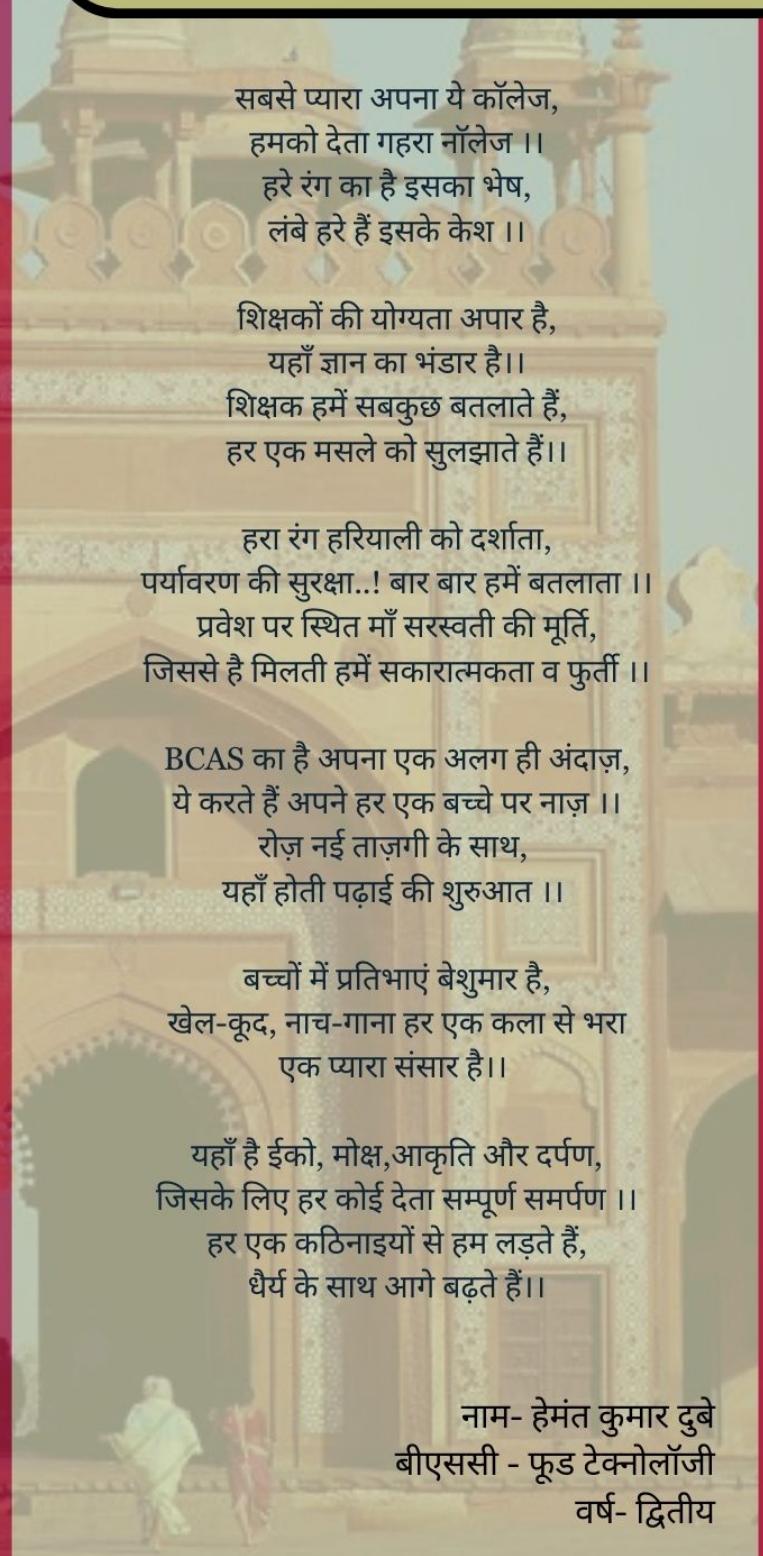
हरा रंग हरियाली को दर्शाता,
पर्यावरण की सुरक्षा..! बार बार हमें बतलाता ॥
प्रवेश पर स्थित माँ सरस्वती की मूर्ति,
जिससे है मिलती हमें सकारात्मकता व फुर्ती ॥

BCAS का है अपना एक अलग ही अंदाज़,
ये करते हैं अपने हर एक बच्चे पर नाज़ ॥
रोज़ नई ताज़गी के साथ,
यहाँ होती पढ़ाई की शुरुआत ॥

बच्चों में प्रतिभाएं बेशुमार है,
खेल-कूद, नाच-गाना हर एक कला से भरा
एक प्यारा संसार है ॥

यहाँ है ईको, मोक्ष, आकृति और दर्पण,
जिसके लिए हर कोई देता सम्पूर्ण समर्पण ॥
हर एक कठिनाइयों से हम लड़ते हैं,
धैर्य के साथ आगे बढ़ते हैं ॥

नाम- हेमंत कुमार दुबे
बीएससी - फूड टेक्नोलॉजी
वर्ष- द्वितीय



इंसान बदल रहा

समय समय की बात है,
समय ने हमको सिखलाया है
किस प्रकार इंसान ने,
अपनी इंसानियत को भुलाया है
जिसको देख आसमान भी तड़प तड़प के रोया है
किस काम का वो इंसान जिसने सबको रुलाया है

भाषा, धर्म और जाति ने है सबको बांटा
इस कलयुग में टूट चुका है भाई का नाता
अब तो इंसान ही इंसान के काम न आता
किस काम का वो इंसान जिसने सबको रुलाया है

बची है इंसानियत अब सिर्फ चुनिंदा
देख कर यह इंसानियत खुद है शर्मिंदा
अपनों से मोल भाव करने में नहीं ये हिचकता
किस काम का वो इंसान जिसने सबको रुलाया है

न बचा प्रेम, त्याग और न ही दूसरों का मान
अब तो माँ बाप का भी भूल गए करना सम्मान
इनके अभिमान ने है इनको एक दूसरे का शत्रु बनाया
किस काम का वो इंसान जिसने सबको रुलाया है

नाम- प्रकाश

बीएससी - इंस्ट्रुमेंटेशन
वर्ष- तृतीय

काश! अगर मैं चिड़िया होती।

काश! अगर मैं चिड़िया होती,
फुर्र आसमान में उड़ जाती।
हवा में करती अठखेली,
मेघों में छुप जाती।

नदी, झीलों से ऊपर,
पहाड़ों पर चढ़ जाती।
चुन चुन कर धरती पर,
खेतों के दाने खाती।

फिर नदियों के पवित्र जल से,
अपनी प्यास बुझाती।
फुदक फुदक कर,
दूर गगन में छुप जाती।

कभी वृक्षों की डाली पर,
चढ़कर खूब मज़े करती।
फिर मीठे फल खाकर,
मस्त हो लहराती।

रात को अँधेरे से डर कर
वृक्षों की हरियाली में घुस जाती
फिर फुदक फुदक उड़कर
अपने घोंसले में छुप जाती।

नाम- निधि श्री
बीएससी - फूड टेक्नोलॉजी
वर्ष- प्रथम

यादें

हज़ारों यादों के पिटारे से
मिला एक यह अफ़साना।
बीतती थी जब ज़िन्दगी
होकर दोस्तों का दीवाना॥

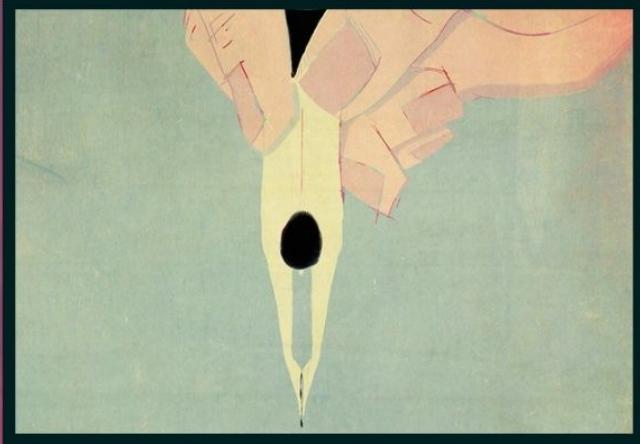
जब गणित सताती थी,
और भौतिक रुलाती थी।
तब सूत्रों की मगजमारी
कहाँ ही समझ आती थी॥

साथ में फालतू के किस्से,
और दोस्तों के बिना बात के मुक्के।
झूमते थे ऐसे मानो
जैसे होकर ताश के इक्के॥

पर यह दूरियां अब समझ आती हैं,
खाली समय में रुलाती है।
उन्हीं यादों के पीछे अब
सारा जीवन मुस्कुराती थी॥

नाम- अभिनीत रमन
बीएससी - कंप्यूटर साइंस
वर्ष- तृतीया

ग़ज़ल



पुराने सवाल थे जो, पुराने ही रह गए
पुराना इश्क था अपना, हम जिसको निभाने में रह गए

मेरे सामने से चली गई डोली उसकी,
और हम दुनिया को प्यार का मतलब समझाने में रह गए

रहे होते हम बिगड़े तो हमें सब कुछ मिल जाता ,
एक उसकी आवाज़ पर, सुधर जाने में रह गए

उसने तो बहुत पहले ही कह दिया था, जाओ कहीं मर जाओ
और हम थे कि उसके बाप का सम्मान बचाने में रह गए।

उन्होंने कर ली, अपनी खुशी से शादी
और हम उनकी हस्ती हुई तस्वीर जुटाने में रह गए

आधी उम्र गुज़री आंखों में, बसाने में उसको,
आधी में हम तस्वीर हटाने में रह गए

किसी ने छीन लिया है वो टुकड़ा
जिंदगी लगाकार, हम जिसको चुराने में रह गए

लोग थे, जो दरिया का पानी ले आए
और हम उसकी गहरायी का अंदाज़ लगाने में रह गए।

वो लोग कहते हैं, किसी का बुरा ना करना
जो लोग, मुझको गिराने में रह गए

जिनकी वजह से हम खामोशी से मर गए
उनमें भी गद्दार थे, मुझको बचाने में मर गए।

नाम- अमरेंद्र कुमार
बीएससी - भौतिकी
वर्ष- प्रथम

"बोल ज़रा, किस रंग की है आज़ादी"!!

बोल ज़रा, किस रंग की है आज़ादी
किसानों के सूखे खेत है आज़ादी
या अमीरों की भरी तिजोरियां है आज़ादी
गरीब की प्यास है आज़ादी
या अमीर के हाथों में बंधी झील है आज़ादी
दूसरों की बातों पर चलना है आज़ादी
या भीड़ में खुदको पाने की होड़ है आज़ादी...!!

75 सालों की आज़ादी का कैसा है रंग देश का आओ जानते हैं

कुछ इसके भी नए रंग नए किस्से.....

शहीद वीरों का बहता लहू है आज़ादी

या विधवाओं के माथे से मिटे उस सिन्दूर का रंग है आज़ादी
बरसात में भी बंजर ज़मीन के रंग सी है या तिरंगे में लहराती

उस हरे रंग की है आज़ादी

हमें श्वेत रंग सी है या सीमाओं पर होते मसलों सी है आज़ादी
अशोक चक्र की वीरता सी है या समंदर की गहराईयों सी है

आज़ादी

हमारे ध्वज में सबसे ऊपर उस केसरी रंग सी है या सीमा पर खड़े
हर उस सिपाही के हिम्मत का रंग है आज़ादी

रंग चाहे हमारे हो अलग, लक्ष्य सबका एक है

विभिन्नता में एकता ही हमारे देश का प्रतीक है

कोई चाहे कितना ही तोड़ना चाहे देश हमारा अभी भी सबसे अदूर
है.....!!

नाम- देव पाल
बीएससी - भौतिकी
वर्ष- द्वितीय



गाथा कुरुक्षेत्र की

गाथा कुरुक्षेत्र की।
महाभारत रण क्षेत्र की।

एक और धर्म था
सामने अधर्म था
सत्य था पुरुषार्थ था
घमंड था अधर्म, स्वार्थ था।

सेनाएँ आज सन्मुख खड़ी थी
रक्त बहाने को अड़ी थी।
जो कल तक सभी प्राणों से प्यारे थे
आज रक्त बहाने को आतुर सारे थे।

देख सामने तात, बंधु, मित्रगण
अर्जुन युद्ध से विरत हुआ तत्क्षण।
तब केशव ने दिखाया धर्म पथ
क्यों हुए पार्थ तुम धर्म से विरत ?

यह आत्मा अमर है।
सबका शरीर नश्वर है।
किसका है तुम्हें पार्थ मोह
जिनका जीवन ही निश्चित कुछ प्रहर है।

मैं ही अजन्मा
मैं ही अविनाशी।
मनुष्य है जन्मा
मनुष्य है विनाशी।

विराट रूप में प्रवेश किया।
गीता ज्ञान उपदेश दिया।

तेरा अधिकार कर्म पर
फल की चिंता व्यर्थ ना कर
तू संताप ना कर, तू मोह न कर
क्षत्रिय धर्म का पालन कर,
शस्त्र का विछोह ना कर।

उठो अब प्रहार करो
शत्रु का संहार करो
युद्ध ही तेरा धर्म है
गांडीव की टंकार ही कर्म है।

तज मोह और स्वार्थ
उठ खड़ा हुआ पार्थ।

प्रभु मेरा मोह चूर हुआ
संशय मन का दूर हुआ।

वीरों की ललकार से
अस्त्र-शस्त्र हथियार से
युद्ध भूमि काँप उठी।
मानवता हाँफ उठी।

वीरों के खून से
धरा लाल हो गई।
वीरों की टीलियां
क्षण भर में सो गई।

धर्म की विजय हुई
अधर्म का नाश हुआ
श्री कृष्ण की माया से
कौरवों का विनाश हुआ।

नाम- कृपांशा पंत
बीएससी - बायोमेडिकल साइंस
वर्ष- द्वितीय

मोहब्बत

मुकम्मल न हुई थी ये
बे इन्तेहाँ मोहब्बत हमारी।
मक्कबूल न हुई थी ये
जरा-सी ये दुआ है हमारी॥

शिद्दत से चाहा था,
पूरी कायनात ने जिसे
पर मिलाने की कोशिश
न कर सकी ये इबादत हमारी॥

बस इतनी सी थी ये इल्लज्जा
जो सुन न सकी तकदीर हमारी।
तकलीफ में देखकर पूछ रही है,
"क्या तकल्लुफ है तुम्हारी?"

इंतज़ार अब हिस्सों में है बट चुके,
टूट चुकी है यह सब्र हमारी।
फिर भी अमल होगी ये
प्यार की दास्ताँ हमारी॥-2

नाम- अभिनीत रमन
बीएससी - कंप्यूटर साइंस
वर्ष- तृतीया

जिंदगी के २० साल

चलो आज जिंदगी के गुजरे बीस सालों को फिर से जिया
जाए

सालों में बीते हर अच्छे बुरे लम्हों को फिर से याद किया जाए

बचपन के वो रंगभरे सुनहरे दिन, जब खुशियां आसमान छूते
परियों से दोस्ती और जादुई पेंसिल यही हमारे अरमान होते थे
पापा की लाड़ मम्मी की मार दादा और दादी से बहुत सारा प्यार
खेल कूद शैतानी और मन में सवाल हजार!

पहले जिंदगी कितनी अच्छी हुआ करती थी, सोनपरी और शरारत भी
सच्ची लगा करती थी

छुट्टी के बाद स्कूल के बाहर की वो आइसक्रीम
और घर आकर लंच के साथ टीवी पर छोटा भीम
न सफलता का दबाव न असफलता का डर
बचपन में हर पल था खुशियों का सफर

वह सुकून भरे मस्ती भरे दिन भूले न भूले
चलो आज जिंदगी के गुजरे बीस सालों को फिर से जिया जाए

धीरे-धीरे बचपन ढाल और किशोर है आई
चारों ओर सपनों की रंगीनियां है छायीं
थोड़े सयाने हो गए पर मासूमियत अभी भी है।
खुद को बड़ा समझ रहे पर बचपन अभी भी है!!!

अभी तो लग रहा है जैसे सब कुछ ही आसान है।
होंगे सभी शुद्ध जितने भी दिल के ये अरमान है।
दुनियादारी की ये बातें तब समझ न आती थी
दोस्तों की दोस्ती सबसे ज़्यादा भाती थी

पल में हंसना पल में रोना मिनटों में मूँढ बदलते थे
जनरेशन गैप के विवाद हमेशा ही तब चलते थे
कुछ टीचर पर क्रश भी था कुछ से थोड़ी नफरत भी थी
कुछ की क्लास लगती है पकाओ कुछ की देती ताकत भी
संस्कृत के टेक्स्टबुक के साथ मां के जीवन पाठ भी याद है
लंच ब्रेक में सबके डिब्बे हाईजैक करने याद है
म्यूजिक क्लास में गानों संग मैं भी कहीं खो जाती थी
रोज़ नए जज्बातों का मैं खूब लुट्फ़ उठाती थी

क्या जादू था उस उम्र में कोई मुझे ये समझाए
चलो आज जिंदगी के गुजरे बीस सालों को फिर से जिया जाए

गिर गिर कर खड़े होने लगे हैं, हम भी अब बड़े होने लगे हैं।
दुनियादारी अब समझ आने लगी है, बचपन की वो मासूमियत
अब जाने लगी है।

चंद बरसों में बहुत कुछ बदल गया, सपनों का वो उगता सूरज
असफलताओं में ढल गया

जिन दोस्तों से किया था वादा पक्की यारी निभाएंगे किसको था ये
पता की वो यूं बदल जाएंगे
पर अब एक चीज़ सीखी है मैंने कि जिंदगी को खूबसूरत खुद ही
बनाना पड़ता है।

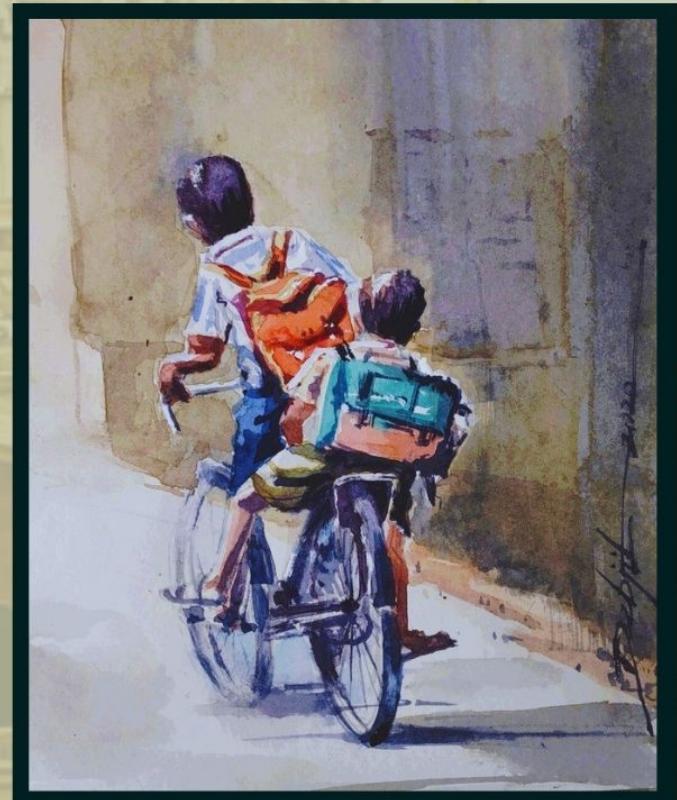
जो बार-बार गिर कर उठे वोही ऊँचाइयों पर चढ़ता है
अब सीख रही हूँ कैसे करना खुद से खुद ही प्यार है
दुनिया बहुत कुछ कहती रहेगी पर खुद से कहना है मुझमें शक्ति
अपार है।

कई लोग हैं जग में जिन की जरूरत है आज हमारी है।

खुद को है अब सावना करने आगे की तैयारी है
हार जीत खुशी और ग़ाम ज़िन्दगी का हिस्सा है।

सब कुछ बोल दिया यही मेरा किस्सा है।
जिंदगी जीते रहे इसे कोई बोझ न बनाएं
चलो आज जिंदगी के गुजरे बीस सालों को फिर से जिया जाए

नाम- अर्पिता दास
बीएससी - फूड टेक्नोलॉजी
वर्ष- द्वितीय



भारत में जी20 की महत्ता



G20 यानी "ग्रुप 20" जिसका अर्थ है 20 देशों का एक समूह जिसमें 19 देश और यूरोपीय संघ सम्मिलित है जो अपने सदस्य देशों को अंतर्राष्ट्रीय मंच पर अपने अधिशासन निर्धारित करने से लेकर इन्हें मजबूत करने के साथ ही अनेक प्रमुख अंतरराष्ट्रीय मुद्दों पर वैश्विक संरचना करने का मौका देता है। जैसा की हमें मालूम है साल 2023 में होने वाले G20 सम्मेलन की अध्यक्षता भारत के पास है तो देश के लिए इसकी क्या महत्ता है, हम इस अनुच्छेद में जानेंगे। भारत को विश्व में उभरते अर्थव्यवस्था के तौर पर देखा जाता है और G20 भारत को दुनिया के अन्य सदस्य देशों से सम्बन्ध साँझा करने व्यापार, निवेश और आर्थिक विकास जैसे महत्वपूर्ण विषयों पर चर्चा करने का अवसर प्रदान करता है। साथ ही G20 भारत को अन्य विकसित देशों के साथ अपने व्यापार संबंध का विस्तार करने की सुविधा देता है। इस सम्मेलन के द्वारा भारत अन्य विकसित देशों के आर्थिक विकास में आई चुनोतियों एवं सफलताओं का अनुभव प्राप्त कर सकता है। G20 के माध्यम से भारत अपने महत्वपूर्ण मामलों पर रणनीति विकसित करने में अन्य देशों की सलाह ले सकता है। इसके अलावा G20 के द्वारा भारत अपनी उपलब्धियां प्रदर्शित करने के साथ साथ अपने भविष्य की योजनाएँ उजागर करने के अलावा वैश्विक समस्याएँ जैसे जलवायु परिवर्तन पर वो क्या कदम उठा रहे हैं पर चर्चा कर सकता है।

कुल मिलाकर, G20 भारत को अन्य प्रमुख अर्थव्यवस्थाओं के साथ जुड़ने, उनके अनुभवों से सीखने और अपने स्वयं के आर्थिक हितों को बढ़ावा देने के लिए एक मंच प्रदान करता है। जैसे जैसे भारत विकास करना जारी रखता है और विश्व अर्थव्यवस्था में एककृत होता है, G20 इसकी आर्थिक नीतियों को आकार देने और इसके आर्थिक विकास को सुविधाजनक बनाने में तेजी से महत्वपूर्ण भूमिका निभाएगा।

नाम- अभिषेक कुमार
बीएससी - माइक्रोबायोलॉजी
वर्ष- द्वितीय

स्कूलों और कॉलेजों में राजनीति की भूमिका



राजनीति एक अध्ययन और कौशल दोनों है कि कैसे शक्ति का प्रयोग किया जाता है, किसके द्वारा (और किस के लाभ के लिए), सार्वजनिक शक्ति के प्रशासन के माध्यम से, लोगों के मामलों का प्रबंधन किया जाता है। राजनीति सार्वजनिक शिक्षा के संचालन का एक अभिन्न अंग है। शिक्षा में राजनीति केवल स्कूल बोर्ड के सदस्यों या स्थानिय स्कूल परिषदों के चुनाव के तरिकों के बारे में नहीं है बल्कि ये दिन-प्रतिदिन के जीवन का एक अभिन्न अंग है। राजनीतिक गतिविधि दुर्लभ संसदों के आवंटन पर बातचीत करने और ये तथ करने के बारे में है कि किसे क्या मिलता है। लेकिन सभी राजनीतिक गतिविधियाँ एक जैसी नहीं होती हैं। स्कूलों और कालेजों में राजनीतिक संघर्ष अलग-अलग विचार और उद्देश्य हैं। स्कूल परिषदों और समूहों की शुरुआत ने न केवल छात्र समूहों का नेतृत्व किया है बल्कि ये भविष्य में मतदान के लिए युवाओं के दिमाग को आकार देने का एक उपकरण भी बन गया है। ऐसी परिषदें युवाओं की प्रभावी भागीदारी में बाधा बन सकती है। युवा लोग आज पहले की तुलना में अधिक सुचित और नागरिक-दिमाग वाले और छात्र संगठन परिसर में कई राय और विभिन्न राजनीतिक हितों के लिए अवसर प्रदान करते हैं। छात्र मंचों, अध्ययन समूहों और सम्मेलनों सहित व्यापक कार्यक्रम में भाग लेते हैं। लेकिन जहां युवाओं की कमी है वह सही परिप्रेक्ष्य देखने की मानसिकता और परिपक्वता है।

ये सच है कि ऐसे लोगों के लिए बहुत अवसर है जो विश्वविद्यालय और अन्य राजनीति संगठनों में नेतृत्व के पदों को गृहण करना चाहते हैं। इसके निर्वाचित सदस्य प्रशासन और छात्र समुदाय के प्रतिनिधि होते हैं। और कभी-कभी केवल प्रतिनिधि। ये कई कार्यक्रमों और सेवाओं को प्रायोजित करने के लिए भी ज़िम्मेदार हैं जो छात्रों के दिल के सबसे करीब और प्रिय हैं जैसे संगीत कार्यक्रम, समारोह आदि। लेकिन राजनीति का एक और पहलू यह है कि छात्र कैंपस के बाहर विभिन्न राजनीतिक गतिविधियों में खुद को शामिल करते हैं और अपने परिणाम या करियर को खराब करते हैं। छात्रों को अपने शैक्षिक जीवन को खराब होने से बचाने के लिए उन्हें अपने देश की सक्रिय राजनीति में सक्रिय भागीदारी से दूर रखना चाहिए। हालाँकि, उन्हें आवश्यक रूप से अपने देश में राजनीतिक विकास के बारे में जागरूकता होनी चाहिए।

छात्र का जीवन, जीवन का एक महत्वपूर्ण पड़ाव होता है जिसमें छात्रों को किसी भी अन्य गतिविधियों की तुलना में अपनी शिक्षा को अधिक प्राथमिकता देनी पड़ती है, राजनीति में उनकी सक्रिय भागीदारी से उनकी खुद की पढ़ाई का नुकसान होता है, जो उनके लिए अधिक आवश्यक है। विद्यार्थी की ये अवस्था एक बार गुज़र जाने के बाद फिर वापस नहीं आती और अगर हो भी जाती है तो भी चीज़ें पहले जैसी नहीं रहती। आज के विद्यार्थी कल देश के कर्णधार हैं। इसीलिये उन्हें देश की राजनीतिक गतिविधियों के बारे में जानकारी होनी चाहिए। देश की राजनीति में सक्रिय भागीदारी करने से पहले उन्हें हमारे महान नेताओं और देश के विकास के लिए प्रत्येक पार्टी के योगदान के बारे में अधिक जानना चाहिए। सक्रिय भागीदारी उचित नहीं है क्योंकि यह उनकी पढ़ाई पर प्रतिकुल प्रभाव डालेगा। सीधे शब्दों में कहें तो छात्रों को खुद को इस गन्दे खेल से दूर रखना चाहिए।

नाम- रोशन

बीएससी - माइक्रोबायोलॉजी

वर्ष- प्रथम



गिलास का भार

बहुत समय पहले की बात है एक अध्यापक अपने छात्रों को तनाव प्रबंधन के विषय में पढ़ा रहा था। उन्होंने अपने हाथों में एक पानी से भरा गिलास पकड़ रखा था। अचानक उन्होंने उस गिलास को ऊपर उठाया, सभी छात्रों ने अनुमान लगाया कि सर निश्चय "आधा खाली या भरा" वाला प्रश्न पूछेंगे पर सर ने बड़ी मुस्कान के साथ पूछा - "क्या तुम बता सकते हो इस गिलास का भार कितना है? सभी छात्र ने अनुमान लगाया 400-500 ग्राम। तभी सर ने उत्तर दिया- "मेरे हिसाब से इस गिलास को हम कितनी देर तक पकड़ कर रख सकते हैं, ये मायने रखता है, अगर हम इस गिलास को एक मिनट के लिए पकड़ते हैं, तो इसका भार बेहद हल्का होगा, यदि हम इसे एक घंटे तक पकड़ कर रखते हैं, तो इसका भार हमें कुछ अधिक प्रतीत होगा। इन परिस्थितियों में गिलास के पूर्ण भार में कोई बदलाव नहीं आया, यद्यपि हम इसे जितनी देर पकड़ कर रखेंगे, हमें ये उतना अधिक भारी प्रतीत होगा।

पूरी कक्षा स्तर्व्य होकर सहमति में अपना सिर हिलाने लगी, सर ने कहा - "ज़िन्दगी में तनाव और दुःख भी पानी के गिलास के सामान हैं।" हम उन्हें जितना भार देते हैं, उतना ही वो हमारी मानसिक शांति के नाश करते हैं।

अतः अपनी मानसिक शांति के जिम्मेदार हम खुद हैं।

नाम- निशा

बीएससी - बायोमेडिकल साइंस

वर्ष- द्वितीय



G20 के लोगो में भारत के राष्ट्रीय ध्वज के निशान- केसरिया, सफेद , हरे, एवं नीले का प्रयोग किया गया है। लोगो में भारत के राष्ट्रीय पुष्प कमल को पृथ्वी ग्रह के सात महाद्वीपों के प्रतीक के रूप में प्रयोग किया है।

G20 लोगो के नीचे देवनागरी लिपि में हमारे देश का नाम "भारत" लिखा है। कमल के फूल की सात पंखुड़ी संगीत के सात सुर भी दिखते हैं - जैसे सरगम में हर सुर का अपना स्थान है और वे संगीत को पूरा करने में अपना योगदान देते हैं, उसी प्रकार विश्व के सात महाद्वीप, सात समुद्र अपनी अपनी विशेषता रखते हैं।

यह विषय इस बात की भी पुष्टि करता है कि दुनिया में कितने देश हो और उनमें कितनी ही विभिन्नतायें हो, किंतु वे अलग होके भी एक परिवार के रूप में कार्य कर सकते हैं ; महामारी के समय में समस्त दुनिया ने एक बड़े परिवार की तरह एक दूसरे की सहायता की और साथ दिया।

अतः G20 लोगो एक शक्तिशाली संदेश देता है, और साथ ही वो हमारा ध्यान इस ओर भी स्पष्ट करता है कि समस्त पृथ्वी एक है, एक परिवार है और इसे एक साथ मिलकर ही हम उज्ज्वल बना सकते हैं।

नाम- प्रज्ञा कुमार
बीएससी - माइक्रोबायोलॉजी
वर्ष- द्वितीय

भारतीय संस्कृति का अद्भुत विस्तार



भारत एक ऐसा देश है जिसने संस्कृति और धर्म का विस्तृत और अद्भुत विकास किया है। इस देश के विभिन्न हिस्सों में विभिन्न संस्कृतियों का विस्तार हुआ है। भारतीय संस्कृति अनेकता में एकता का उदाहरण है।

भारतीय संस्कृति का विस्तार भारत के इतिहास, धर्म, राजनीति, संस्कृति, कला और विज्ञान में उपलब्ध है। भारतीय संस्कृति में धर्म का महत्वपूर्ण स्थान है। हिंदू धर्म, जैन धर्म, बौद्ध धर्म और सिख धर्म भारतीय संस्कृति के अन्य महत्वपूर्ण अंग हैं। इसके अलावा भारत की राजनीति और संस्कृति भी विस्तृत है।

भारतीय संस्कृति का विस्तार उनकी आधारभूत संस्कृति पर निर्भर करता है। भारतीय संस्कृति में विभिन्न दृष्टिकोण, रीति-रिवाज और विचारधाराएं होती हैं। यह संस्कृति अपने संगीत, नृत्य, खानपान, पहनावे और भाषाओं के संबंध में भी जाना जाती है।

नाम- हर्ष छंगानी
बीएससी - भौतिक विज्ञान
वर्ष- प्रथम

साइबर सुरक्षा

हम जितनी तेज़ी से डिजिटल दुनिया की ओर बढ़ रहे हैं, ठीक उतनी ही तेज़ी से साइबर अपराध की संख्या में भी वृद्धि हो रही है। इंटरनेट के विकास के साथ-साथ साइबर अपराधों की अवधारणा भी विकसित हुई है। वर्तमान में साइबर सुरक्षा रणनीति, राष्ट्रीय सुरक्षा और अर्थव्यवस्था का एक अभिन्न अंग बन गया है।

साइबर अपराध में किसी कंप्यूटर, नेटवर्क डिवाइस या नेटवर्क का उपयोग, उपयोगकर्ता की व्यक्तिगत जानकारी प्राप्त करने, गोपनीय व्यावसायिक जानकारी तथा सरकारी जानकारी प्राप्त करने या किसी डिवाइस को अक्षम करने के लिए किया जाता है। उपर्युक्त सूचनाओं को ऑनलाइन बेचना या खरीदना भी एक प्रकार का साइबर अपराध है।

साइबर सुरक्षा का अर्थ कंप्यूटर, नेटवर्क, डाटा और अन्य सूचनाओं को अप्राप्य या अन्ध्रीकृत पहुंच, परिवर्तन या मिटाने से बचाना है। दुनिया भर में हो रहे साइबर हमलों के कारण साइबर सुरक्षा बहुत महत्वपूर्ण है। साइबर सुरक्षा न केवल डाटा को सुरक्षित करने में मदद करती है, बल्कि यह डाटा को वायरस के हमले से भी बचाती है।

वर्तमान समय में डाटा, मुद्रा के समान महत्वपूर्ण है। इसलिए डाटा संप्रभुता (Data Sovereignty), डाटा लोकेलाईलेजेशन और इंटरनेट गवर्नेंस आदि से संबंधित मुद्दों के समाधान के लिए साइबर सुरक्षा आवश्यक है। डिजिटल अर्थव्यवस्था के लिए भी साइबर सुरक्षा एक महत्वपूर्ण पहलु है।

हमरे देश में साइबर सुरक्षा की कई चुनौतियां हैं। साइबर सुरक्षा के लिए आवश्यक विभिन्न तकनीकी पहलुओं को समझने के लिए कुशल लोगों का अभाव है। इसके अलावा आर्टिफिशियल इंटेलिजेंस, ब्लॉक चैन टेक्नोलॉजी, मशीन लर्निंग, डाटा एनालिटिक्स, क्लाउड कंप्यूटिंग और इंटरनेट ऑफ थिंग्स जैसी अत्याधुनिक तकनीकी की समझ रखने वाले पेशेवरों की भी कमी है। साइबर सुरक्षा उपकरणों में स्वदेशीकरण का नितांत अभाव है।

साइबर सुरक्षा की दृष्टि से वर्ष 2000 में 'सूचना प्रौद्योगिकी अधिनियम, 2000' पारित किया गया, जिसकी धाराएं 43, 66, 67, 70, 72, और 74 साइबर अपराधों से संबंधित हैं। अति-संवेदनशील सूचनाओं के संरक्षण के लिए 'राष्ट्रीय अति संवेदनशील सूचना अवसंरचना संरक्षण केंद्र नेशनल क्रिटिकल इनफार्मेशन इंफ्रास्ट्रक्चर प्रोटेक्शन सेंटर (NCIIPC) का गठन किया गया है। विभिन्न स्तरों पर सूचना सुरक्षा के उद्देश्य से 'सूचना सुरक्षा शिक्षा और जागरूकता' (Information Security Education and Awareness: ISEA) परियोजना प्रारंभ की गयी है।

देश में साइबर अपराधों से समन्वित और प्रभावी तरीके से ननिपटने के लिए 'साइबर स्वच्छता केंद्र' भी स्थापित किया गया है।

डाटा को सुरक्षित रखने के लिए पासवर्ड प्रबंधन टूल का उपयोग किया जा सकता है, ये ऐप्लीकेशन उपयोगकर्ता को हर वेबसाइट के लिए सुरक्षित पासवर्ड का उपयोग करने में मदद करती हैं। सिस्टम को अपडेट करने और उचित एंटी-वायरस का उपयोग करने के लिए लोगों के बीच जागरूकता फैलानी चाहिए। अपने सॉफ्टवेयर को अपडेट रखना भी साइबर हमलों को रोकने का एक तरीका है। मौजूदा साइबर सुरक्षा ढांचे और राष्ट्रीय साइबर सुरक्षा परियोजनाओं को मज़बूत करने की आवश्यकता है। शैक्षिक संस्थानों में साइबर सुरक्षा के पाठ्यक्रमों को शामिल करना चाहिए।

नाम- हर्ष छंगानी
बीएससी - भौतिक विज्ञान
वर्ष- प्रथम



भारत के शैक्षिक संस्थानों में राजनीति का इतिहास



भारत में बहुत सारे छात्र नेता हैं जैसे श्री जयप्रकाश नारायण और श्री लालू यादव आदि। 1960 और 70 के दशक के दौरान कैंपस की राजनीति में आदर्शवाद का बोलबाला था। वर्ष 1974 में भारतीय छात्रों ने भ्रष्टाचारियों, राजनेताओं और काला बाज़ारियों के बीच संबंधों का विरोध प्रदर्शन किया। यह एक बड़ा और व्यापक आंदोलन था।

हालाँकि 1977 के बाद से, जब भारतीयों ने भारत की पहली गैर-कांग्रेसी सरकार में मतदान किया, तो छात्र राजनीति की गुणवत्ता में गिरावट आने लगी। छात्र आदर्शवाद की सफलता ने अप्रत्यक्ष रूप से इसके पतन का नेतृत्व किया। छात्रों की सफलताओं से राजनीतिक दल प्रभावित हुए और फिर उन्होंने अपने स्वार्थी उद्देश्यों को प्राप्त करने के लिए छात्रों की जाति की राजनीति, धार्मिक विभाजन और शिक्षा के व्यावसायीकरण को बढ़ावा देना शुरू कर दिया। हिंसा, डराने-धमकाने और भ्रष्टाचार से घिरे कैंपस की राजनीति तेजी से खतरनाक होती गई। ऐसी राजनीति गरीब राज्यों में अधिक प्रचलित है, जैसे उत्तर प्रदेश विशेष रूप से लखनऊ जबकि समृद्ध क्षेत्र पूरी तरह से अछूते नहीं हैं।

आज कई कैंपसों में, छात्र नेताओं के लिए साल-दर-साल रहना, कई डिग्रियां हासिल करना आम बात है, ताकि वे कार्यालय चलाना जारी रख सकें। और यह अवैध हथियारों और हिंसा में शामिल लंबे आपराधिक रिकॉर्ड वाले उम्मीदवारों के लिए भी स्वर्ग है। चुनाव के मौसम में छात्र समूहों के बीच झड़पें और यहां तक कि हत्याएं भी अब राजनीतिक परिदृश्य का हिस्सा हैं। अमीर राष्ट्रीय राजनीतिक दल कॉलेजों में पैर जमा रहे हैं। शांति बहाल करने के लिए कई क्षेत्रों ने छात्र चुनावों पर रोक लगा दी है।

छात्रों के राजनीति में अधिक से अधिक शामिल होने का कारण मुख्य रूप से यह है कि छात्र चुनाव, राष्ट्रीय राजनीति के कदम के रूप में और अंततः धन और शक्ति के मार्ग के रूप में देखे जाते हैं। एक उत्कृष्ट उदाहरण पूर्व प्रधान मंत्री अटल बिहारी वाजपेयी हैं, जिन्होंने विश्वविद्यालय अभियानों में अपनी पहली शुरुआत की। एक अन्य कारण 1989 के दौरान राष्ट्रीय चुनावों के लिए मतदान की न्यूनतम आयु 21 से घटाकर 18 करना है। यह उम्र आम तौर पर कॉलेजों में छात्रों के प्रवेश के साथ मेल खाती है। कॉलेजों में चुनाव ने राजनीतिक दलों के हितों को जगाया क्योंकि छात्र वोटों का एक महत्वपूर्ण स्रोत है। उत्तर प्रदेश के कॉलेजों और विश्वविद्यालयों में राजनीति एक पूर्णकालिक पेशा बन गया है। यह एक दुःखद स्थिति है क्योंकि यहीं वे छात्र हैं जो वास्तव में जातियों के आधार पर राजनीति को मिटा सकते हैं। देश में ऐसे मूर्ख राजनीतिज्ञों की कमी नहीं है जो धर्म, क्षेत्र और जाति पंथ के नाम पर लोगों के बीच बहुत मतभेद पैदा करते हैं। यह छात्रों और शिक्षकों की जिम्मेदारी है कि वे आगे आएं और स्थिति को नियंत्रित करें।

नाम- रोशन

बीएससी - माइक्रोबायोलॉजी

वर्ष- द्वितीय



REGIONAL SECTION

KINGDOM OF HUNGER....

ఆకలి రాజ్యం
అమ్మా ఆకలి...అయ్యా ఆకలి
ఎటు చూసినా దట్టమైన ఆ...,కలి
ఈ ఆకలి రాజ్యం లో ఆ కలి దే రాజ్యం
ఇక్కడ ఒక్కొడికి ఒక్కొ రకమైన ఆకలి
చిచ్చ గాడికి...అన్నం అంటే ఆకలి
మధ్యవానికి...ధనమంటే ఆకలి
ధనికుడికి....ఆకలి తీర్చలేని ఆకలి
నిరుద్యోగికి...ఉద్యోగమంటే ఆకలి
రాజకీయనేతకు...అధికారం అంటే ఆకలి
లాయరుకు...ప్రిమినర్ కేసులు అంటే ఆకలి
క్రిమినల్స్ కు...కిల్లింగ్స్ అంటే ఆకలి
దాక్షర్థు కు..పేషంట్ల జబ్బులు అంటే ఆకలి
పేషంట్లకు...దేవుని పరాలంటే ఆకలి
దేవతలకు...పేషంత్ర కానుకలు అంటే ఆకలి
ఆకలికి....సామాన్యులు అంటే ఆకలి.
నాకు....కవితలంటే ఆకలి
నా కవితలకు...మీ కితకితలంటే ఆకలి.|

Mom...I am hungry, Dad...I am hungry..
Look, everywhere...an intense era of kali is
hungry
kingdom of hunger is ruled by hungry
here, each one has different kind of
hunger.....
Poor man....is hungry for food,
Middle man...is hungry for money,
Rich man...is hungry for being hungry,
Jobless....is hungry for job,
Politician...is hungry for position,
Lawyer...is hungry for criminals,
Criminal...is hungry for crime,
Crime...is hungry for common man,
Common man...hungry for God's grace,
God...is hungry for Common man's
chantings,
Hunger..is hungry for innocent,
I am hungry for...poetry,
My poetry is hungry for....your ticklings.

Dr. Vijaya Kumar Nalla
Department of Microbiology

PULLING A DREAM

స్వప్నార తులిర టానె
దెఖెచ్చిలామ తోకె ఆబఛా క్యానబాసె,
రావిదా ర కటా కలమెర దాగె
మనెర మత సేజె ఉఠెచ్చిలి।

జాతిస్మర హయె శునెచ్చిలామ
జన్మాన్తరె క్షీగు హయె ఆసా తోర స్వర,
తార అంతరాలెర కోన సూర
యెన భేసె ఎసెచ్చిల కంసాబతీర శ్రాతె।

కోన ఏక అవచేతన డాయరితె
కత గంగ లిఖెచ్చిలామ తోకె నియె,
సేదిన అబుఖ బోఖెని
గంగ హయతో గంగ నయ।

-మయ్యథ

I saw you
in the faint strokes of colours on the canvas,
in the scriptures of the poet
yours 'you' bloomed the way I dreamed.

I reincarnated
and listened to your melody,
that deemed throughout the cycles of life
and death;
notes of that melody came floating through
the waters of Kansavati (a river in purulia).

I had subconsciously composed frictions;
on none but you,
It was when I didn't realize
frictions aren't always frictions.

Mayukh Mukherjee
B.Sc. (Hons.) Physics
1st Year

SAW THE RISE SAW THE FALL

(عروج دیکھا زوال دیکھا)

عین نے عروج دیکھا زوال دیکھا
بر کسے کو بر بال دیکھا

عین نے دیکھا آسمان کو پست بوتے ہوئے
جب زرے کو برواز کرتے دیکھا

ثریا بھی آگرا زعین بر
جب درد دل باتھ کو اٹھتے دیکھا

افقاب کی دمک بھے پھیکھ بڑ گنم
جب مہتاب کو چمکتے دیکھا

(عبدالباسط فقط)

I've seen the rise, I've seen the fall
Everyone saw every hall

I saw the sky falling
When he saw Zarra doing the prow!

Suriya also fell on the ground
When pain saw the hand rising

The sun's rays faded
When he saw Mahtab shining

Abdul Basit Sabri
B.Sc. (Hons.) Zoology
1st year

SHE WAS MY ONLY LOVE

وہ میری واحد محبت تھی
سو اسکا درد بانٹے آگیا۔

یوں تو بزاروں عاشق تھے اسکے
صیں زندہ دل تھا سو غم بانٹے آگیا۔

اسکی صورت تو ڈھکی تھی پرده سے
بر کیا کریں جب دل صیرت سے آگیا۔

صیں نے غنچہ توڑنے کی کوشش کی بہت
بر کیا کریں جب باتھوں صیں کانٹا آگیا۔

فقط اب نہیں روتا قسمت بر
اپنے نصیب میں جو انا تھا سو آگیا۔

(عبدالباسط فقط)

She was my only love
So he came to share his pain.

Thus, he had thousands of lovers
I was lively, so I came to share the grief.

His face was covered with a veil
But what to do when the heart is on the
lookout?

I tried to break the bunch a lot
But what to do when you get a thorn in your
hands?

Just don't cry over fate anymore
What was to come in my destiny came.

Abdul Basit Sabri
B.Sc. (Hons.) Zoology
1st year

میں نے ہر جا دیکھا جواہر دیکھا

(عروج دیکھا زوال دیکھا)

میں نے عروج دیکھا زوال دیکھا
بر کسہ کو بر بال دیکھا

میں نے دیکھا آسمان کو پست بوتے ہوئے
جب زمے کو برواز کرتے دیکھا

ثریا بھوہ اگرا زمین بر
جب درد دل باتھ کو اٹھتے دیکھا

اقاب کی دمک بھے بھیکی بڑ گئی
جب مہتاب کو چمکتے دیکھا

(عبدالباسط فقط)

میں نے ہر جا دیکھا جواہر دیکھا
ہر کیسی کو ہر ہال دیکھا

میں نے دیکھا آسمان کو پست ہوتے ہوئے
جب جرے کو پر واژ کرتے دیکھا

سُرے یا بھی آ گیرا جمیں پر
جب درد-ا-دیل ہاٹ کو ٹھٹھے دیکھا

آفتاب کی دمک بھی فیکی پڑ گئی
جب مہتاب کو چمکتے دیکھا

نام- عبدالبasset ساہبی
بی ایس سی - جوہلاؤ جی
وارث- پرथماں

وہ میری واحد محبت تھی

وہ میری واحد محبت تھی
سو اسکا درد بانٹے آگیا۔

یوں تو بزاروں عاشق تھے اسکے
عین زندہ دل تھا سو غم بانٹے آگیا۔

اسکی صورت تو ڈھکی تھی پرده سے
بر کیا کریں جب دل صیرت پے آگیا۔

عین نے غنچہ توڑنے کی کوشش کی بہت
بر کیا کریں جب باتھوں عین کانٹا آگیا۔

فقط اب نہیں روتا قسمت بر
ایندی نصیب میں جو آنا تھا سو آگیا۔

(عبدالباسط فقط)

وہ میری واحد محبت تھی
تو ہسکا درد بانٹنے آ گیا۔

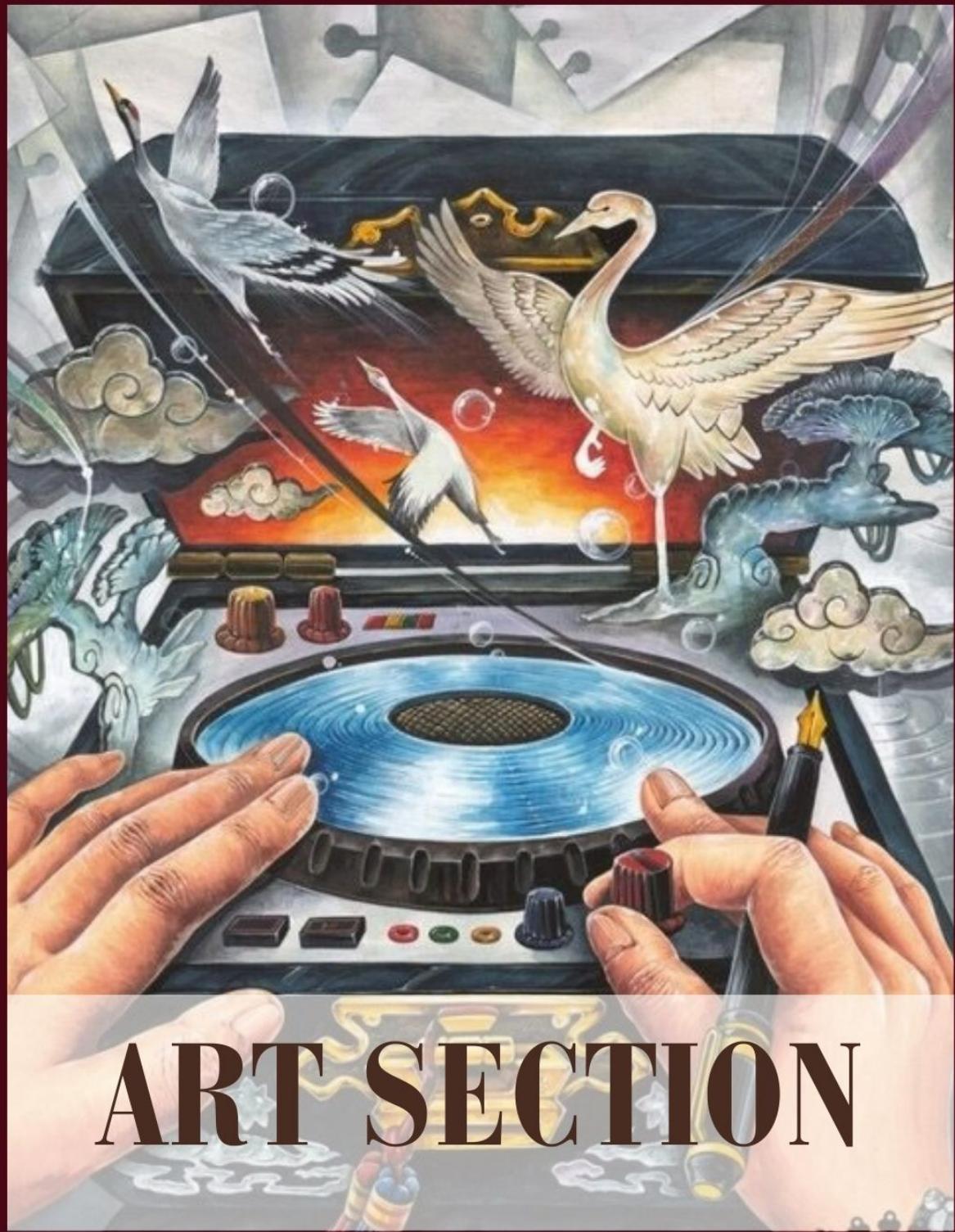
یوں تو ہجاؤں آشیک ہے ہسکے
میں جیسا دل ہاں سو گم بانٹنے آ گیا۔

ہسکی سو رت تو ڈکی ہی پر دے سے
پر کیا کرے جب دل سی رت پر آ گیا۔

میں نے گوچھا توڑنے کی کوشش کی بہوہت
یہ تو کیسماں ہی جو ہاٹھوں میں کانٹا آ گیا۔

فکر کت اب نہیں روتا کیسماں پر
اپنے نسیب میں جو آنا ہاں سو آ گیا۔

نام- عبدالبasset ساہبی
بی ایس سی - جوہلاؤ جی
وارث- پرثماں



ART SECTION



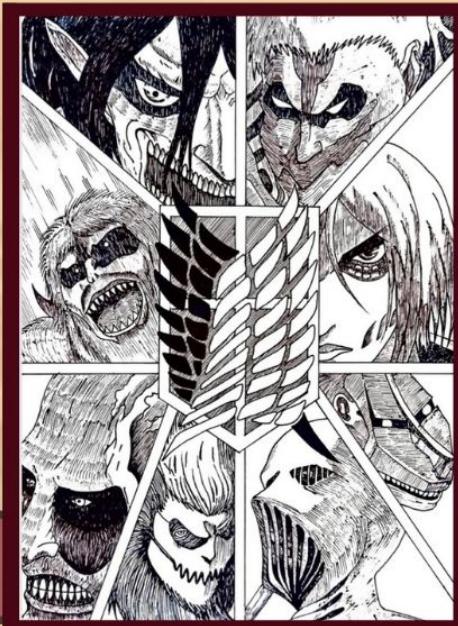
Vaishnavi Jha
B.Sc. (Hons.) Biomedical Science
1st Year



Ishika Singh
B.Sc. (Hons.) Microbiology
1st Year



Kunal Kumar
B.Sc. (Hons.) Botany
2nd Year



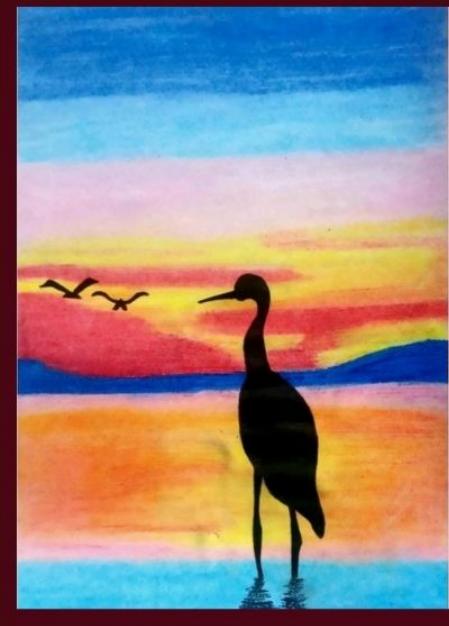
Ruddhi
B.Sc. (Hons.) Food Technology
2nd Year



Harshita
B.Sc. (Hons.) Computer Science
2nd Year



Harshita
B.Sc. (Hons.) Computer Science
2nd Year



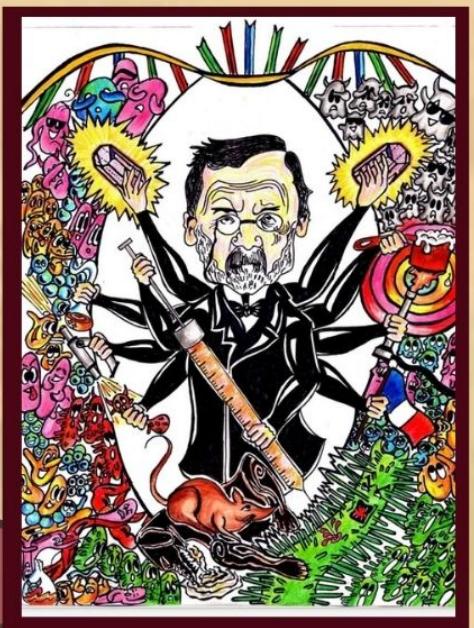
Pallavi
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2nd Year



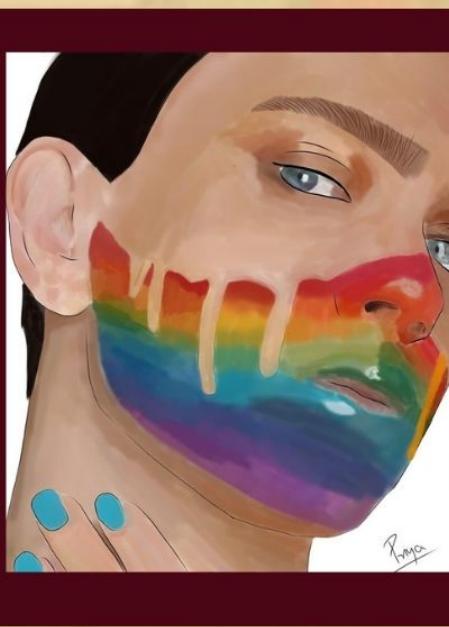
Vaishnavi Jha
B.Sc. (Hons.) Biomedical Science
1st Year



Meenakshi
B.Sc. (Hons.) Biomedical Science
1st Year



Kuntak Saha
B.Sc. (Hons.) Microbiology
2nd Year



Priya Sharma
B.Sc. (Hons.) Microbiology
3rd Year



Vidhi Chandra
B.Sc. (Hons.) Microbiology
1st Year



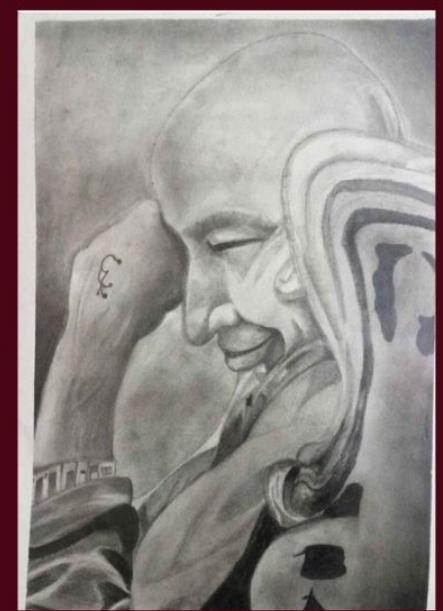
Gauri Gangwar
B.Sc. (Hons.) Food Technology
1st Year



Ishika Singh
B.Sc. (Hons.) Microbiology
1st Year



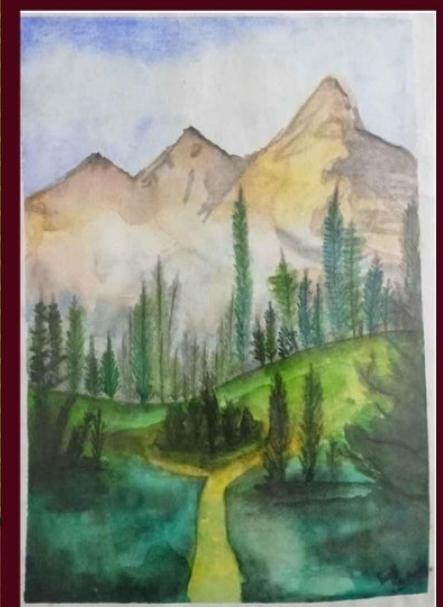
Puja Kumari
B.Sc. (Hons.) Microbiology
2nd Year



Prapti
B.Sc. (Hons.) Microbiology
3rd Year



Harshita
B.Sc. (Hons.) Computer Science
2nd Year



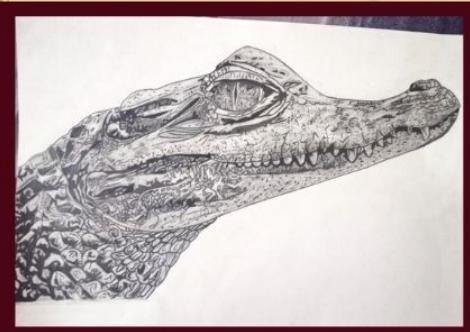
Prapti
B.Sc. (Hons.) Microbiology
3rd Year



Prapti
B. Sc (H) Microbiology
3rd Year



Sonu Kumar
B.Sc. (Hons.) Microbiology
2nd Year



Aditya Kumar
B.Sc. (Hons.) Instrumentation
2nd Year



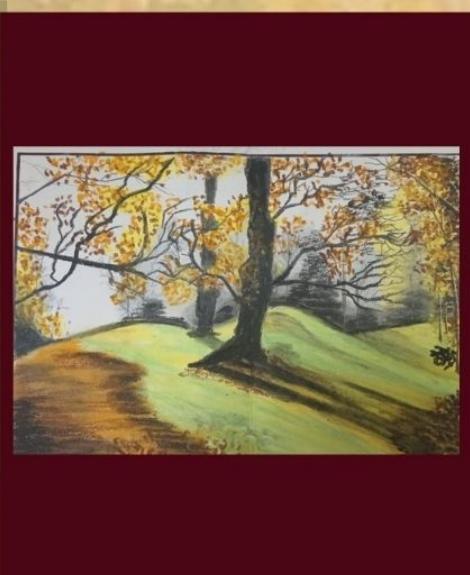
Aditya Kumar
B.Sc. (Hons.) Instrumentation
2nd Year



Aditya Kumar
B.Sc. (Hons.) Instrumentation
2nd Year



Harshita
B.Sc. (Hons.) Computer Science
2nd Year



Ishika Singh
B.Sc. (Hons.) Microbiology
1st Year

Treue Liebe

Amour Fidèle

(Ferrand)

English version by ELISABETH M. LOCKWOOD
French version by VICTOR WILDER

JOHANNES BRAHMS, Op. 7, No. 1

Andante con espressione

Voice

Piano

1. shore
2. sun
1. *Mee*
2. Son
1. bord
2. fond

1. lone
2. sinks
1. *Mee*
2. Son
1. *Re*
2. fond

And
dark
und
am
gar
pa

ward
dark
te
des
va
beau

ga-
round
her
Sohn
such
Him
mels
dar
loin
l'e

1. sor
2. fall
1. *Wei*
2. *nie*
1. *tai*
2. *toi*

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der.
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Why
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His
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Où
Cru

stay
waves
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trigt
res
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you, *Be*
will ne'
du, mette
dich die
- tes - tu,
tour - ment

ed, so
me, my
ster, xo
le, mir
mon vail
de mon

rit.

pp

rit.

pp a tempo

PHOTOGRAPHY SECTION



Dev Pal
B. Sc. (H) Physics
2nd Year



Puja Kumari
B.Sc. (Hons.) Microbiology
2nd Year



Dev Pal
B.Sc. (Hons.) Physics
2nd Year



Priya Sharma
B.Sc. (Hons.) Microbiology
3rd Year



Dev Pal
B.Sc. (Hons.) Physics
2nd Year



Himanshu
B.Sc. (Hons.) Polymer Science
2nd Year





Puja Kumari
B.Sc. (Hons.) Microbiology
2nd Year



Himanshu
B.Sc. (Hons.) Polymer Science
2nd Year



Puja Kumari
B.Sc. (Hons.) Microbiology
2nd Year



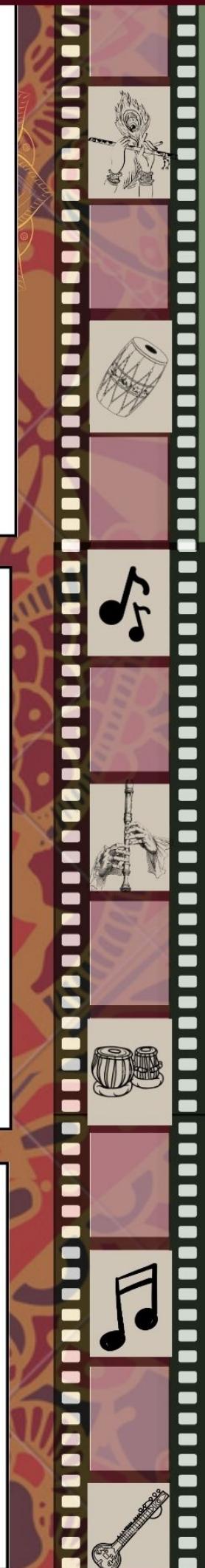
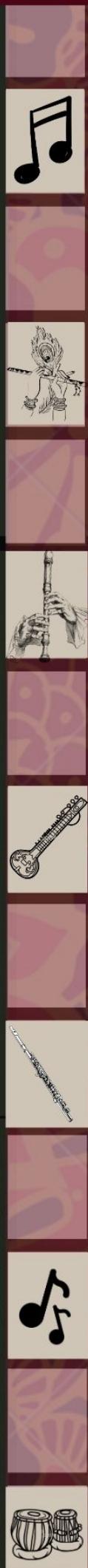
Ritesh Kumar Nunia
B.Sc. (Hons.) Chemistry
1st Year

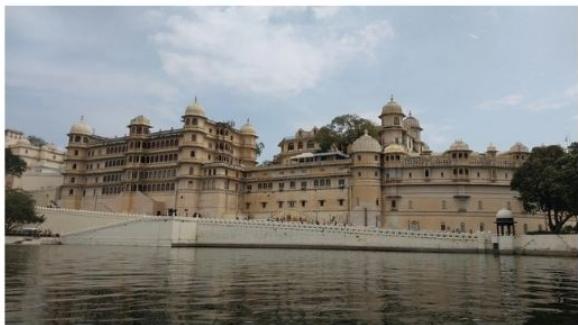


Himanshu
B.Sc. (Hons.) Polymer Science
2nd Year



Dev Pal
B.Sc. (Hons.) Physics
2nd Year





Priya Sharma
B.Sc. (Hons.) Microbiology
3rd Year



Dev Pal
B.Sc. (Hons.) Physics
2nd Year



Priya Sharma
B.Sc. (Hons.) Microbiology
3rd Year



Puja Kumari
B.Sc. (Hons.) Microbiology
2nd Year



Dev Pal
B.Sc. (Hons.) Physics
2nd Year



Himanshu
B.Sc. (Hons.) Polymer Science
2nd Year



DEPARTMENTS

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 Microbiology

Department of Physical Education

Department of Physics

Department of Polymer Science

Department of Zoology



DEPARTMENT OF BIOMEDICAL SCIENCE



The Department offers B.Sc. (Hons.) Biomedical Science program, an interdisciplinary course offered by University of Delhi that prepares students for areas ranging from basic to translational research. The Department of Biomedical Science has been awarded the Star status by the Department of Biotechnology. The aim of the department is to expose students to advanced learning and help them explore research opportunities. The department prides itself on giving the students hands-on laboratory experience. They are encouraged to work on research projects in reputed institutions, hospitals, or even within the college. This rigorous training not only gives early exposure to research but also helps them to gauge their research aptitude. The Department has its Society 'DNAmics', a joint enterprise of the students and teachers that has been formulated to educate the students about the latest findings, developments, and avenues in the field of Biomedical Science.

Various interdisciplinary events were organized by the department for the holistic development of the students that also provided the platform for showcasing their talent.

ESSAY WRITING COMPETITION

An Essay Writing Competition on 'Dissemination of Scientific Wildlife Conservation- An Improvisation to Recent Research Works With Our Ideas' was organised on 21st October 2022. Ms. Kripansha Pant of Biomedical Science was awarded with the First Prize.

MEDICAMENT

DNAmics, the society of Department of Biomedical Science organized an event interactive Session "Medicament" on 21st March, 2023. Rishabh Vashisht of Biomedical Science, Aarav Sharma of Food Technology Department, Rashi Singh of Botany Department and Meenakshi of Biomedical Science were encouraged with certificates for outstanding participation.

INVITED TALK: PHENOME INDIA- CSIR HEALTH COHORT KNOWLEDGEBASE

Dr. Shantanu Sen Gupta, Chief Scientist CSIR-IGIB delivered a scientific talk during the departmental fest, GENESIS 2023 on 23rd March 2023.

The talk focused on the spread of SARS-CoV2 and the results of a serosurvey conducted by CSIR across its constituent laboratories and centres across India.

Overall, the talk was informative and insightful, highlighting the importance of serosurveillance in assessing the spread of the virus and the impact of personal factors on the likelihood of seropositivity. The study provided valuable data that could be used in the future to understand the spread of the virus and to develop effective control measures.



INTRA COLLEGE WALL PAINTING COMPETITION

“When learning is purposeful, creativity blossoms. When creativity blossoms, thinking emanates. When thinking emanates, knowledge is fully lit. When knowledge is lit, economy flourishes.” - A.P.J. Abdul Kalam

To amalgamate the passion for creativity and learning, an intra-college wall painting event on the theme “United Nations -Sustainable Development Goals” was organized in association with Akriti, Modern and Fine Arts Club of the college. The event had a stupendous participation of 22 teams comprising of more than 100 students of the college. Seven of the teams were selected to paint their ideas and creativity on the walls of the college.



OFFICE BEARERS OF DYNAMICS, THE DEPARTMENTAL SOCIETY OF BIOMEDICAL SCIENCE

From left to right:
Randhir Singh (President)
Vikash Raj (Vice President)
Dr. Uma Dhawan (Teacher-in-Charge)
Bhavya (Secretary)
Adithya Nambiar (Treasurer)

DEPARTMENT OF BOTANY

The Department traces its origin back to 1995 where it used to support the requirement of the Biology Department. It has elevated itself to offer major courses in Botany since year 2017. The department envisions to think big and achieve the same through the vision of the faculty and the hard work of the students. The department aspires to organize short term courses, seminars, workshops, hands-on training, invited lectures as an integral part of academic program. The department also encourages students to participate in conferences, seminars, popular lectures conducted by scientific organizations, aimed to facilitate progresses in biological sciences through promotion of research, training and education. Students are exposed to field conditions to familiarize with the distribution and pattern of flora and fauna in the form of college trips. To broaden student's exposure in biological sciences the department organized many educational visits. To nurture creativity, interests and teamwork in the students, the department also organized various extra-curricular activities.

PHYTOMICS - The Botanical society celebrated the annual departmental fest "BLOSSOM-IV" on February 21, 2023. Two eminent intellectuals, Prof. K.S. Rao and Prof. Sandeep Das from Department of Botany, University of Delhi, delivered an informative talk on "Agricultural system of Himalaya traditions in transition" and "A synergistic approach of (BIO) informatics, omics and biology for understanding development is key to trait modification and crop improvement" respectively during the inauguration of annual departmental fest. The lectures were followed by intra and inter college competitions such as Quinundrum, Among us, BCAS got talent and many fun activities where students show-case their talents.

This year the department organized many seminars / webinars and trips for the students. To observe International Year of Millets the department organized International Workshop on "Millets: Solution for Climate Resilient Agriculture" on March 21, 2023. Dr. Prakash Kumar Jha provided a basic introduction to common millets and the evolutionary history of the crops around the world. Participants were also made aware about the role of millet cultivation as farmer and environment friendly crops due to its requirement of low inputs. Field Visit to Amrit Udyan, Rashtrapati Bhawan were organized on February 28 2023, to enlighten students about the local flora of garden with special attraction of the Herbal Garden. The students learned about the conservation of herbal garden and the history of Rashtrapati Bhawan.



Industrial Visit to Yakult Danone, Sonipat was organized on February 1, 2023. Through this visit students learn processing and packaging of microbial product at industrial level. Students were elaborated about design of bioreactors, factors affecting growth and production. To explore ecotourism site and various native plant species, bird species, wetland, field gene banks a field trip to Yamuna Biodiversity Park was organized on January 16, 2023. On the Occasion of World Soil Day International Workshop on "Managing Soil Ecosystem for Food Security" was organized on December 5, 2022. Dr. Gaurav Jha, delivered a talk on basic concept of soil, soil composition and different layers of soil. The department organized Intellectual Property Right (IPR) Awareness Campaign on September 29, 2022. On the occasion of Ozone Day the department conducted an Awareness Campaign on September 16, 2022 at New Delhi Railway Station. Students made slogans, placards and explained all the basic knowledge of ozone layer, its depletion and how one can prevent its depletion by doing little changes in the daily lifestyle. To commemorate International Yoga Day two Days Workshop and Yog For Youth were organized on June 21-22, 2022. The department organized an Educational Visit to "Delhi Institute of Pharmaceutical Sciences and Research" on April 12, 2022. The trip provided understanding of various processes and techniques involved in medicine formulation development and drug design.



FACULTY AND OFFICE BEARERS OF PHYTOMICS SOCIETY

1st Row: Dr. G. Suraj, Prof. N. S. Abbas (TIC), Dr. Sujata Bharadwaj, Dr. Shikha Srivastava, Dr. Salam Sonia, Dr. J. Dinakaran

2nd Row: Ardra Sadanand (Vice President), Gunjan (Joint Secretary), Rashi (President), Geetanjali Yadav (Treasurer)

3rd Row: Naman Gautam (Coordinator), Aman Mishra (Coordinator), Mayank (Joint Treasurer), Rajya Vardhan (Secretary)

DEPARTMENT OF CHEMISTRY



The Department of Chemistry is one of the departments established at the time of the inception of the college in 1995. B.Sc. (Hons.) course in Chemistry commenced from the academic session of 2017-2018. The infrastructural facilities in this Department include experimentation laboratories for undergraduates, research laboratories, instrumentation laboratory, book-bank, classroom with ICT and Wi-Fi facility for students and staff. The laboratories are well-equipped with sophisticated instruments that enable students to carry out all the experiments as prescribed in their syllabus. Over the years, the Department has been nurtured with the dedication and hard work of the teachers and cooperative support staff. The Department's faculty members have published several books and research articles of national and international repute. Some teachers are continuously engaged as resource persons in various workshops organized at BCAS and in other institutes. Many students get meritorious positions in the University of Delhi every year. On an average about 30 students cleared various entrance examinations of prestigious institutes and universities including IIT's.

The Department aspires to organize workshops, hands-on training, invited lectures for holistic development of the students, under the umbrella of 'ALCHEMY', the Chemical Society.

A few events conducted by Departmental Society 'ALCHEMY' in 2022-23 are listed below:

- Organized a lecture on 'Basic Knowledge of Chemistry' on March 07, 2023. Mr. Pradeep from Chem Academy delivered the lecture and interacted with students.
- Organized Annual Department Fest 'Rasayan Utsav 2023' on February 14, 2023. Eminent Intellectual, Prof. Balram Pani, Dean of Colleges, University of Delhi delivered an informative talk on 'Chemistry in Everyday Life'. The lecture was followed by various events such as Chembola, Bahubal, The Electron transfer, BCAS Got Talent, Balloon race and many more.
- Organized workshop on 'Student Satisfaction Survey (SSS) Awareness for the NAAC' on January 25, 2023.
- Fresher's party was organized for the first year students of batch 2022-23 on January 12, 2023.

- Organized Swachhta Drive on November 01, 2022. teaching staff, non-teaching staff and students of the department took Swachhata Pledge.
- Organized a lecture on 'Fabulous Fibres: The Chemistry of Fabrics' by Dr. Govind Ji Rai, Assistant Professor, Swami Shraddhanand College, University of Delhi on October 20, 2022. The lecture was followed by lighting of diyas and making Rangoli in the department to celebrate in the department.
- Celebrated Teacher's Day on September 05, 2022.
- Organized Field trip in collaboration with Department of Polymer Science to Guru Gobind Singh Indraprastha University on June 30, 2022 so as to enhance the understanding of undergraduate students regarding the working and importance of various sophisticated research instruments.



OFFICE BEARERS OF 'ALCHEMY'- THE CHEMICAL SOCIETY

Left to Right

Front Row: Dr. Sampat Singh Chauhan, Dr. Shailja Singh, Dr. Swati Gupta, Dr. Bholey Singh, Dr. Vijay Kumar

Back Row: Mr. Shivam Kumar (Vice-President), Mr. Yashaswi Sharma (President), Mr. Kamlesh Kumar (Secretary), Ms. Nikita Kumari (Treasurer)

DEPARTMENT OF COMPUTER SCIENCE



Department of Computer Science was established in 1995, with the vision to impart quality education to undergraduate students and inculcate within them strong practical, intellectual and analytical skills that are essential in this ever changing and highly competitive environment. The Department of Computer Science offers B.Sc. (Hons.) Computer Science course, which is one of the most esteemed graduation programs of University of Delhi; it intends to give students a thorough foundation in theory and hands-in experience of software development. The department constantly encourages its students to become innovative, responsible, self-driven, and technologically proficient citizens with human values. The faculty also motivates to the students to be involved in research projects as well. Overall the department focuses on holistic development of students. Various workshops and seminars organized on regular basis to make students technologically competent in an ever-growing IT industry.



INVITED TALK

One day National workshop on Research Methodology was organized by IQAC, Research & Project Assessment Committee and Department of Computer Science, on March 24, 2022 in blended mode. The workshop had two sessions. In the first session invited talks were delivered by experts from JNU, Prof. V. B. Singh delivered talks on "Research Methodology" and Dr Gajendra Pratap Singh on topic "How to write a Research Paper." Workshop was attended by a total 98 participants (3 participants are from outside Delhi) out of which 17 participants were present in online mode.

Second session focused on differentiating between writing a Research Paper and Research Proposal and participants were asked to write abstract and proposal related to any research domain of their choice.

Motive of this workshop is to help the participants to understand how to proceed when doing PhD/research. Research Methodology is a specific procedure or techniques used to identify, select, process, and analyze information about a topic. The methodology section answers two main questions: How was the data collected or generated? How was it analyzed?



OFFICE BEARERS

Jatin - President

Samay Pingolia - Secretary

Isha Parashar - Treasurer

Mansi Saxena - Vice President

Adarsh - Joint Secretary



DEPARTMENT OF ELECTRONIC SCIENCE

INVITED TALK

A seminar on "Evolution of Electric Vehicles and Charging Infrastructure in Delhi and Real Time Load Transfer through Delhi SLDC" was held on November 28, 2022. Mr Rajeev Sapra, Deputy General Manager(O&M) Delhi Transco Limited, was the resource person. Mr Rajeev Sapra shared his views on "Evolution of Electric Vehicles and Charging Infrastructure in Delhi and Real Time Load Transfer through Delhi SLDC". He presented a critical review on Electric Vehicle charging infrastructure and its grid integration. He informed that an accessible and robust network of electric vehicle (EV) charging infrastructure is an essential pre-requisite to achieving this ambitious transition. To further encourage the development of the charging infrastructure network, the Indian government has implemented a number of supporting measures. However, given the novel characteristics of this new infrastructure type, there is a need to customize it to the unique Indian transport ecosystem and build capacity among stakeholders to support its on-ground expansion. With progressive incentives and regulatory provisions, the Delhi EV Policy aims to establishing an enabling environment for the development of private and public charging infrastructure. Delhi has been at the forefront of taking action to hasten the deployment of charging infrastructure in the city. The session drew immense participation from students and faculty.



STUDENT ACHIEVEMENTS

Loocina student of B.Sc. (Hons.) Electronic Science, 3rd year presented research work as oral presentation in International seminar "Technology for Environmental Sustainability, Socio Economic responsibility and associated Entrepreneurial Opportunities in society and rural development" on 16-17 March 2023 being organized by Sri Aurobindo College, University of Delhi.



Aftab Alam student of B.Sc. (Hons.) Electronic Science 3rd year has presented research work as Oral Presentation in 2nd International Conference on “Advanced Functional Materials and Devices” (AFMD-2023) organised by IQAC & Department of Physics, ARSD College, University of Delhi during 13-15th March 2023 via online mode.



OFFICE BEARERS OF SPARKS SOCIETY

From left to right:

1st Row: Pranav Kumar, Shivam, Harkesh Gulia, Raviranjan Singh (Vice President), Rishu Ranjan
2nd Row: Muskan, Pratibha, Rakhi, Akansha, Soumya, Loocina (President), Akansha (Joint Secretary), Chanchal Sharma (Joint Secretary), Ritika

3rd Row: Sankalp, Aniket, Sachin (Vice President) Ashish, Brijesh Kumar (Secretary), Vishal, Ravi Kumar, Avinash Gupta, Rohit
 Fourth Row: Yash, Manpreet, Soumajit, Utsav Goyal, Gaurav, Manish Rana, Aryan Rawat

DEPARTMENT OF FOOD TECHNOLOGY

The Department of Food Technology offers a B.Sc. (Hons.) degree course. Food Science and Technology focuses on the various aspects of food like the principles of processing & preservation of food, chemistry of food, nutrition, microbiology, food quality management, and sensory analysis. The department aims to empower the students with professional competence and expertise not only in food packaging and engineering but also provides them with hands on training in various animal and plant food technologies.

While you enjoy a packet of chips, have you ever thought of the journey of the potatoes, spices, oils and also the packet? Well, that is exactly one of the things that food technologists learn about. We learn how the potatoes are procured, sorted, processed, and packaged in a way that is safe. We make sure that every food in market has a shelf life that lets it roam around the globe without compromising with its taste, flavour, appearance and nutritional value. While executing these processes, we never forget to keep pace with the standards as directed by the food regulator.

The course content has been designed in a way so that it can keep pace with the rapidly growing food industry. The food industry comprises a significant chunk of market today and would be touching skies in coming years because of the inseparable relationship between human beings and food. Our students are working as Food Safety and Nutrition experts, Quality Assurance, New Product Development Managers and as Sensory Specialists in the food industries.

TECHNICAL SESSION

A technical session was organised on the topic "Eat Right India" by Ambrosia, Department of Food technology on March 16, 2023. Ms. Preeti, Assistant Director (Tech) Central Licensing Authority, FSSAI, was the speaker of the session. She enlightened everyone with FSSAI and its initiatives for ensuring the safety and quality of food products in India. One of the FSSAI's key initiatives is to promote healthy eating habits among the Indian population. To this end, FSSAI has launched several "Eat Right" initiatives that aim to encourage consumers to make healthier food choices and promote safe and hygienic food practices.

The Eat Right initiative is a comprehensive campaign aimed at promoting healthy eating habits and ensuring food safety in India. Launched in 2018, the initiative focuses on four key pillars: Eat Safe, Eat Healthy, Eat Sustainable, and Eat Fortified.





- Under the Eat Safe pillar, the FSSAI aims to ensure that food products sold in India meet high standards of safety and quality. This is achieved through measures such as food testing, food recalls, and awareness campaigns to promote safe food handling practices among consumers.
- The Eat Healthy pillar focuses on promoting the consumption of a balanced and diverse diet, with an emphasis on whole foods and minimally processed foods. The initiative includes awareness campaigns, nutrition education programs, and guidelines to reduce salt, sugar, and fat content.
- The Eat Sustainable pillar is focused on promoting sustainable food systems that are environmentally friendly and socially responsible. This includes measures such as promoting local and seasonal produce, reducing food waste, and supporting small-scale farmers.
- Lastly, the Eat Fortified pillar is aimed at promoting the consumption of fortified foods that provide essential nutrients such as vitamins and minerals. The FSSAI has introduced guidelines for fortification of staple foods such as wheat flour, rice, and milk to address micronutrient deficiencies in the population.

The FSSAI has also launched various initiatives under the Eat Right campaign, such as the Eat Right Challenge for schools, colleges, and workplaces, and the Eat Right Campus program to promote healthy eating habits among students. In conclusion, the Eat Right initiative of the FSSAI is a commendable effort to promote healthy eating habits and ensure food safety in India.

Event Name	First Prize	Second Prize	Third Prize
Recipe Competition on Millets	Anjali, FT, 3rd year	Naina, FT, 3rd year	Chhavi, 2nd year Geetika, 3rd year
Quiz Competition on Millets	Sree Nandana and Akash Shaji, FT, 2nd year	Ashmita Tanwar, FT, 3rd Year	Ankita Yadav, FT, 3rd Year
Healthy Recipe Contest			Shweta Khatri, FT, 1st Year



OFFICE BEARERS OF AMBROSIA SOCIETY

From left to right:
Arjun Kumar Bind (Joint Secretary)
Navdeep Kumar (Treasurer)
Lavika Piplani (President)
Aakriti (Secretary)
Priyanshu (Vice President)

DEPARTMENT OF INSTRUMENTATION

Instrumentation is a specialized field which deals with the science and technology of measurement that provides service to not only physical, chemical and biological sciences; but also to all branches of engineering and medicine. The Department provides practical expertise to the students and trains them to design, develop, maintain and troubleshoot instruments that are being used in varied fields like Automation and Control, Process Industries, Quality Control etc. The laboratory acquaints students with devices like ratio control trainer, differential pressure transmitter, various flow meters such as electromagnetic, orifice meter, ultrasonic etc. It also has advanced transducer and instrumentation trainer, temperature transducers, strain gauge trainer etc. It also boasts of training students in sophisticated biomedical and analytical instruments. Students also find opportunity to do hands on with power electronics equipments like induction motor and other drives.

The Department has its society named 'SENSORS' which organizes various activities like workshops/lectures/industrial visits etc. every year under the guidance of eminent personalities from the academia and industries. A Seminar on "Evolution of Electric Vehicles and Charging Infrastructure in Delhi & Real Time Load Transfer through Delhi SLDC" was organized on November 28, 2022. Mr. Rajeev Sapra, Deputy General Manager (O&M), Delhi Transco Limited was invited as the resource person. More than 100 students participated in the seminar. Students gained the knowledge of basic principle of electric vehicle and its charging infrastructure. It was appreciated by one and all.

Diksha, a student of III Year, won I prize in Essay Writing competition carried out by the Office of the Electoral Registration Officer, District South West, Dwarka.



OFFICE BEARERS OF SENSORS SOCIETY

From left to right:

Dr. Manoj Kumar Tiwari (TIC)

Aman- President

Suryansh Sharma-Vice President,

Milind Singh Chauhan – Secretary,

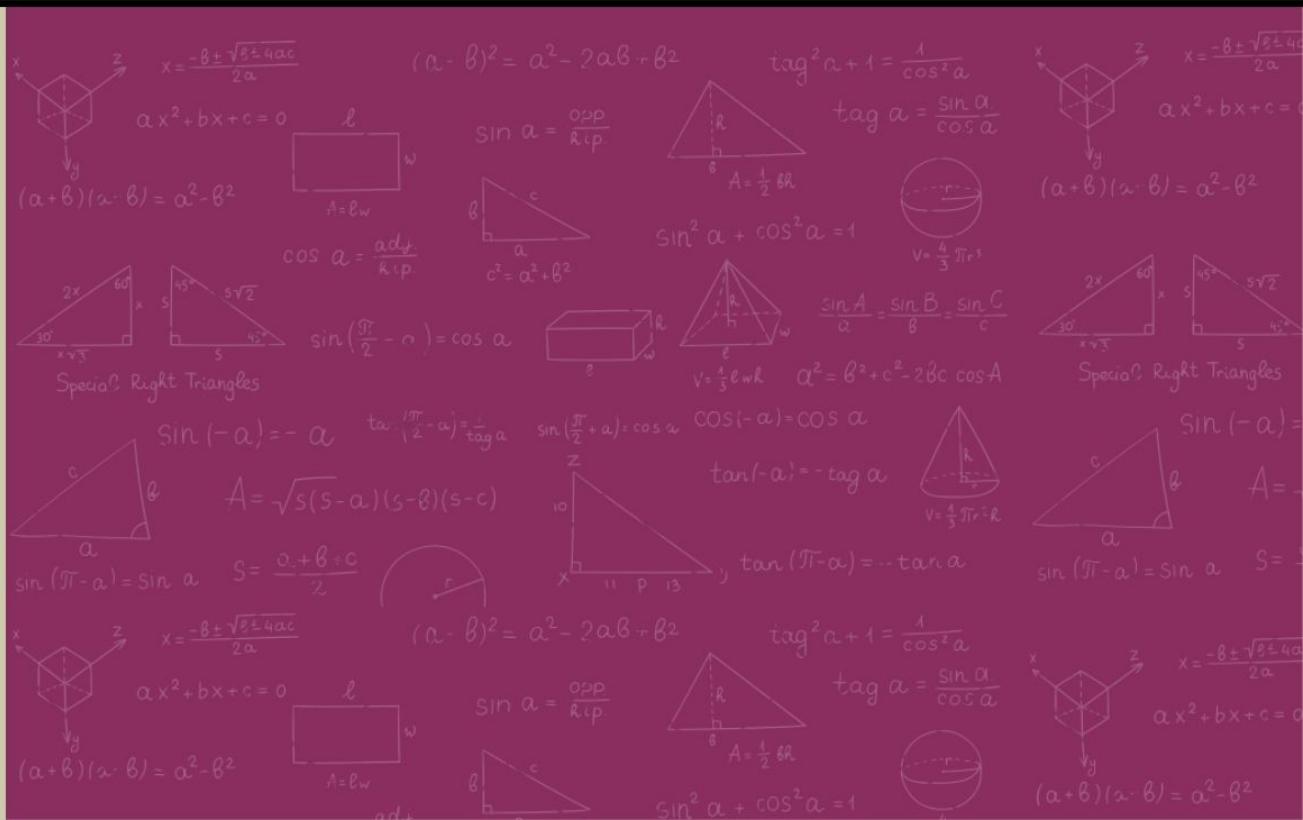
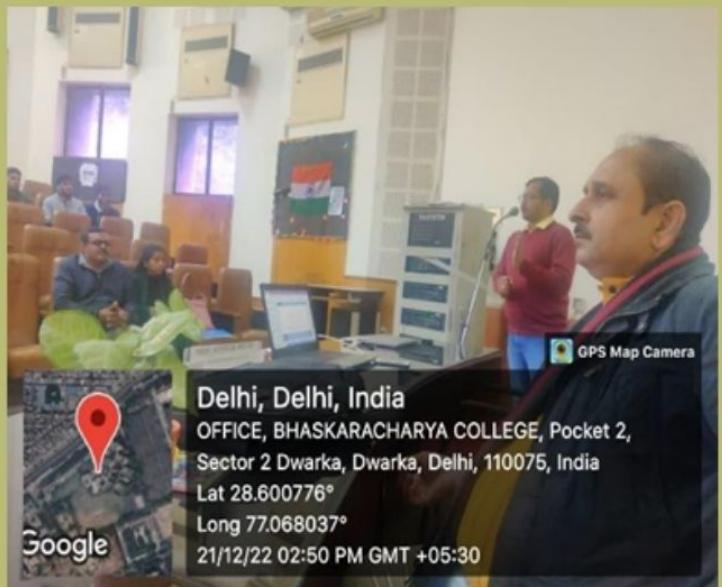
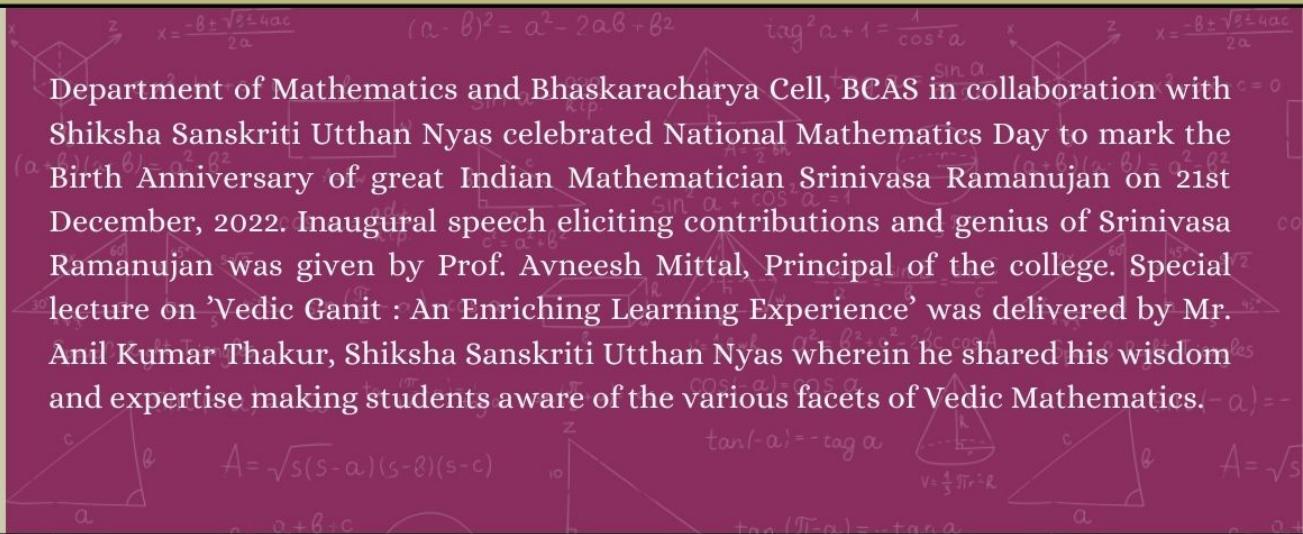
Gaurav Lalavat – Executive,

Arunima Tiwari – Executive,

Masoom Singh- Executive



DEPARTMENT OF MATHEMATICS



DEPARTMENT OF MICROBIOLOGY

The Department of Microbiology focuses on overall development of the students. Along with the classroom teaching, efforts are made to expose the students to the cutting-edge work going on in various laboratories and industry. 'Sukshmjeev' the society of Department of Microbiology organizes various symposia, festivals, lectures in the college. 'Microquest', the annual festival of the Department of Microbiology is organized every year. In 2022-23 Prof. Rajeev Kaul delivered a talk on 'Identifying Universal Principles of Host-Pathogen Interaction: Lessons from Morbilliviruses'. In his talk Prof. Kaul discussed about the ongoing research in his laboratory on the Peste des petits ruminants virus (PPRV). Microquest 2022-23 also included a plethora of competitions/ activities which have been summarized in the following table.



EVENT NAME	FIRST PRIZE	SECOND PRIZE	THIRD PRIZE
Streak Art	Sandhya Arya, BMS, BCAS	Vanshika Sharma, BMS, BCAS	Akshita Dixit, MB, SRCASW
	Puja Kumari, MB, BCAS	Vidhi Chandra, MB, BCAS	
Micro-Doodle	Megha Sapra, MB, BCAS	Ingita Deymunshi, MB, Gargi	Deeksha Dhar, MB, Gargi
	Sanstuti Somvan, MB, SRCASW	Sanskriti Rout, BMS, BCAS	Kumari Khushi, BMS, BCAS
Turn-Coat Debate	Mohit Pratap Sharma, CS, BCAS	Kuntak Saha, MB, BCAS	Sridip Mukherjee, MB, BCAS
			Vasu Madan, MB, BCAS
Emotion Box	Anubhav Sharma, Chem, BCAS	Navdeep Kumar, FT, BCAS	Divya, MB, Gargi
Poster	Garima Mishra, MB, Gargi		
Squid Games	Vidhi Dhiman, MB, SRCASW	Bhavya Kumar, Elec, BCAS	
Quiz	Ingita Deymunshi, MB, Gargi	Shivi Nahare, MB, BCAS	Ameya Pandey, MB, Gargi
	Subham Priya, MB, Gargi	Megha Sapra, MB, BCAS	Divya, MB, Gargi



To celebrate the India's presidency of G20 countries, the department organized 'Slogan Writing Competition' ("Vasudhaiva Kutumbakam - One Earth One Family One Future") and 'Quiz Competition' on March 27-28, 2023 respectively. The winners of these events are in the following table:

EVENT NAME	FIRST PRIZE	SECOND PRIZE	THIRD PRIZE
Slogan Writing	Atul Kumar Dhandriyal, MB, BCAS	Simran, MB, BCAS	Nandini, MB, BCAS
Quiz (Shared by two teams)	Ankur Kumar and Sahil Singh, MB, BCAS	Shivi Nahare and Nabin Katwal, MB, BCAS	
	Vikas Kumar and Deepak, FT, BCAS	Akash Shaji and Sree Nandana S, FT, BCAS	

Students from the department regularly participate in various intra/inter college/university competitions. Mr. Kaushik Poddar of third year Microbiology received best poster award in 63rd Annual International Conference of Association of Microbiologists of India, organized at Maharshi Dayanand University, Rohtak from February 02-04, 2023.

Short Forms used:

BCAS: Bhaskaracharya College of Applied Sciences

SRCASW: Shaheed Rajguru College of Applied Sciences for Women

BMS: Biomedical Science

Chem: Chemistry

CS: Computer Science

Elec: Electronic Science

FT: Food Technology

MB: Microbiology

FACULTY AND OFFICE BEARERS OF SUKSHMJEV SOCIETY OF THE DEPARTMENT OF MICROBIOLOGY



From left to right

1st Row: Dr. N Vijaya Kumar, Dr. Purnima Anand, Dr. Gunjan Sirohi, Dr. Neeru Bhagat, Dr. Catherine Skyongzin Paul, Dr. Ratyakshi, Dr. Pawas Goswami

2nd Row: Jyotsana Bidalaya (Vice-President), Priya Sharma (Vice-President), Kaushik Poddar (President), Kuntak Saha (Editor-in-Chief)

3rd Row: Ankur Kumar (Social Media Coordinator), Pragya Kumar (Jt. Secretary), Sunny Kumar Chaudhary (Treasurer), Abhishek Kumar (Member Editorial Board)

Office Bearers not included in picture: Kushal (Secretary), Aditya Kumar (Social Media Coordinator), Archana Kumari Jaiswal (Member Editorial Board), Irfan Rahman (Member Editorial Board), Ram Gurjar (Member Editorial Board)

DEPARTMENT OF PHYSICAL EDUCATION

Physical Education provides holistic development to students. The Department of Physical Education not only takes care of physical but also mental, social, emotional, spiritual, and intellectual development through yoga and sports.

The department has conducted various activities namely:

- The Department of Physical Education conducted a Health assessment camp for staff and students of B.C.A.S "OBESITY ASSESSMENT CAMP" on June 24, 2022.
- The Department of Physical Education Organized "3 MINUTES STRENGTH CHALLENGE" to assess the body strength of students on occasion of National Sports Day, August 29, 2022.
- The Department of Physical Education conducted 2 weeks Physical Fitness Camp to enhance the motor components of students from August 22 to September 07, 2022.
- The Department of Physical Education organized Table Tennis, Chess And Cricket matches between Teaching and Non-Teaching staff on December 21, 2022.
- The Department of Physical Education Organized Interdepartmental Games of seven sports (Cricket, Volleyball, Basketball, Football Badminton, Table Tennis and Chess.) from January 18, 2023 to January 24, 2023.
- The Department of Physical Education organized Inter Departmental Games of Tug Of War and Kabaddi for both males and females on March 29, 2023.
- The Department of Physical Education celebrated Annual Sports Day and Annual Athletic Meet on April, 26, 2023. Dr. Anju Luthra (Team manager Indian lawn ball team, Gold medalist CWG 2022 Birmingham) was chief guest of the event.



WINNERS OF INTERDEPARTMENTAL GAMES

S. No.	SPORTS	1st PLACE	2nd PLACE	3rd PLACE
1.	Football	Food Technology	Electronic Science	Polymer Science
2.	Cricket	Instrumentation	Electronic Science	Polymer Science
3.	VolleyBall	Computer Science	Polymer Science	Instrumentation
4.	BasketBall	Physics	Zoology	Microbiology
5.	Table Tennis (M)	Polymer Science	Botany	Electronic Science
6.	Table Tennis (W)	Biomedical Science	Microbiology	
7.	Badminton Singles (M)	Food Technology	Computer Science	Instrumentation
8.	Badminton Singles (W)	Instrumentation	Microbiology	Food Technology
9.	Badminton Doubles (M)	Computer Science	Instrumentation	Botany
10.	Badminton Doubles (W)	Biomedical Science	Instrumentation	Chemistry
11.	Chess (M)	Physics	Computer Science	Biomedical Science
12.	Chess (W)	Physics	Computer Science	Electronic Science
13.	Tug of War (M)	Polymer Science	Physics	Computer Science
14.	Tug of War (W)	Chemistry	Polymer Science	Food Technology
15.	Kabaddi (M)	Physics	Polymer Science	Electronic Science
16.	Kabaddi (W)	Electronic Science	Polymer Science	Food Technology



DEPARTMENT OF PHYSICS

"Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning." Albert Einstein

In department of Physics, we nurture this ability to think and question in our students. Apart from curricular studies they are given exposure to various upcoming research areas. Over the years, the department has produced graduates sought by industry, academic institutes, and the public service. The department has state-of-the-art laboratories with all latest and sophisticated equipments needed to help the students have an experimental insight into the subject as prescribed by the syllabus. This year the department organized field trips to institutes like National Physical Laboratory, Inter University Accelerator Centre (IUAC), where they could interact with various research groups and familiarise themselves with the experimental set ups. The physics society "QUBIT" organized a one-day fest which started with a lecture by Dr Jyoti Rajput, department of Physics and Astrophysics on "Exploring research possibilities with atoms and molecules" The idea of cold trapping of atoms was introduced to the students. They had the opportunity to understand some basic concepts like why hydrogen atoms are the most preferred for such experiments. The session was highly interactive and helped the students to identify various opportunities available to them in this field of Physics.



STUDENT ACHIEVEMENTS

Our students are encouraged to participate in activities which are very essential for their all round development. This year also many of our students made us proud -

1. Adreeja Goswami of third year secured the first prize in the poster presentation in the international conference on "Advanced Functional Materials and Devices" (AFMD-2023).
2. In the Fest organized by Physics society QUBIT various events were organized-
 - a. In the chess competition, the first prize was bagged by Aditya Yadav, second prize by Apoorv Kumar Sharma and third prize by Yash of first year.
 - b. In the human Ludo competition first prize was won by Ankush , second by Aman Negi, third prize by Shivam Vaid of third year.
3. The students of our department are also involved in research work under the guidance of our faculty members. Some of the publications in this year are-
 - (i) Abhishek Prashant, M.Luthra, K.Goswami, A.Bharadvaja,K.L. Baluja "Positron Scattering in Pyrimidine" Atoms 11(3) 55 (2023).
 - (ii) Pankaj Garkoti, M.Luthra, K.Goswami, A.Bharadvaja,K.L. Baluja "The Binary-Encounter-Bethe Model for Computation of Singly Differential Cross Sections Due to Electron-Impact Ionization" Atoms , 10(2), 60 (2022).
 - (iii) Kamna Bhaskaran, L. Hariharan, A.Sudan, K.Ashish, V. Batra,"The X-Ray Spectral Index measurement of SNR MSH 15-52 (320.4-1.2)" IJIRT, vol.9(1),1127-30 (2022).
 - (iv) I.Kaur, Nithya Priya, Akansha, V. Batra, "Prospects of Methylene Blue degradation using green synthesised ZnO nanostructures", Materials Today: Proceedings, vol 73(2), 312-315

OFFICE BEARERS

From left to right:

Nithya Priya (President)

Dev Pal (Vice President)

Simran (Organising Team Head)

Aman (Secretary)

Abhash Pandey (Joint Secretary)



DEPARTMENT OF POLYMER SCIENCE

B. Sc. (Hons.) Polymer Science course is offered only in Bhaskaracharya College of Applied Sciences, University of Delhi. The program pertains to impart expertise of Polymer Engineering and Technology.

The Department has extremely good infrastructure for providing practical experience of synthesis, processing and testing of polymers. The laboratories are equipped with facilities including Injection Molding Machine, TG/DTA, Compression Molding Machine, Two-Roll Mill, Single Screw Extruder, Universal Testing Machine, FT-IR and Rheometer to match the requirement of the experiments up to the mark of industrial standards. The syllabus also consists of the content about handling, maintenance and trouble-shooting of various equipments available in the laboratories.

PEARLS, Departmental Society, is a vibrant platform at which students get an opportunity to participate in popular lectures of eminent Professors & Scientists from various institutions. It improves the awareness of students towards the latest research and developments in the field of polymer science. Students also participate in conferences, workshops, symposiums, in-house projects & industrial visits in addition to attending lectures.

A few programs organized by Departmental Society (PEARLS) in 2022-23 are listed below:

- Department of Polymer Science organized 'Farewell 22' on June 30, 2022.
- Department of Polymer Science organized visit to USIC, University of Delhi on September 6, 2022.
- Department of Polymer Science organized, Swachhta drive in which all faculty, staff and students took Swachhta Pledge on November 4, 2022.
- Department of Polymer Science organized "Industrial Visit to ALP Overseas Pvt. Ltd., Neemrana, Rajasthan for B.Sc. (Hons.) students of 2nd & 3rd year on November 15, 2022.
- Department of Polymer Science organized Freshers' welcome of 1st year students on January 12, 2023.
- Department of Polymer Science organized Uflex visit of B.Sc. (Hons.) Polymer Science 3rd year students at Noida on March 21, 2023.



DEPARTMENT OF ZOOLOGY



Bhaskaracharya College of Applied Sciences introduced B.Sc. (Hons.) Zoology in the academic session of 2017-18 to help the undergraduate students understand the biological life within and around them. The department encourages its students to join good quality research projects and internship programmes. Various trips to zoological parks, research institutes (related to sericulture, apiculture, etc.) are also conducted by the department on a frequent basis. The department is also actively involved in organizing workshops and seminars to provide hands-on knowledge to its students.



The academic year 2022-2023 witnessed events and accomplishments that further added up to the department's pride and honor.

CO-SCHOLASTIC ACHIEVEMENTS



During March 07-08, 2022, Nitin V. participated in a virtual meme war event organized by Computer Science society 'Tech-A-Thon' of Atma Ram Sanatan Dharma College.

On September 16, 2022, Pradumn became the winner of the debate competition on the topic, 'Use of Natural Products in our Day-to-Day Life can Protect Ozone layer'. He spoke for the motion.

On September 28, 2022, Pradumn bagged third prize in Intercollege Singing Competition organized by Moksha to observe the birth anniversary of Lata Mangeshkar.

On February 03, 2023, Mayank Verma and Rahul Singh were declared the Vice-President and the Secretary of Clickerati: The Photography Society, respectively.



OFFICE BEARERS OF ERANKO, THE ZOOLOGICAL SOCIETY OF BCAS

From left to right:

Nitin V (3rd year, Vice President)
Rudraksh Sharma (2nd Year, Cultural Secretary)
Akanksha Yadav (2nd Year, Cultural Secretary)
Anjali Sharma (2nd Year, Class Representative)
Tanmay Anand (3rd year, Treasurer)
Haripriya (3rd Year, Class Representative)
Pradumn (3rd year, President)
Kaushal Gupta (1st Year, Class Representative)

POSITION HOLDERS

(2021 - 2022)

FIRST

SECOND

THIRD

DEPARTMENT OF
BIOMEDICAL
SCIENCES



DEPARTMENT
OF
BOTANY



DEPARTMENT
OF
CHEMISTRY



DEPARTMENT
OF
CHEMISTRY



POSITION HOLDERS

(2021 - 2022)

FIRST

SECOND

THIRD

DEPARTMENT
OF COMPUTER
SCIENCE



Kalpikha



Pranshul



Sonal Mittal

DEPARTMENT OF
ELECTRONIC
SCIENCE



Tarun Sharma



Neeraj Kumar



Rahul Gupta

DEPARTMENT OF
ELECTRONIC
SCIENCE



Rahul Kumar



Aanshu Kumar



Sushant Singh Rajput

DEPARTMENT OF
ELECTRONIC
SCIENCE



Chirag Bhardwaj

POSITION HOLDERS

(2021 - 2022)

FIRST

SECOND

THIRD

DEPARTMENT OF
FOOD
TECHNOLOGY



DEPARTMENT
OF
INSTRUMENTATION



DEPARTMENT
OF
INSTRUMENTATION



DEPARTMENT
OF
PHYSICS



POSITION HOLDERS

(2021 - 2022)

FIRST

SECOND

THIRD

DEPARTMENT
OF
PHYSICS



DEPARTMENT
OF
POLYMER
SCIENCE



DEPARTMENT OF
ZOOLOGY





CLUBS



AKRITI

MODERN AND FINE ARTS CLUB

CONVENOR: Dr. Amandeep Kaur

Akriti - The Modern and Fine Arts Club explores and spreads the beauty of art. Here, one is encouraged to let their imaginations take flight and motivated to express themselves and their culture freely and uniquely through their thoughts and feelings on a simple piece of paper using any art form. Akriti had organized various events in the academic year 2021- 22.

- An “Intercollege Anime Drawing Competition” in Srijan 2022 on April 8, 2022 was organized. Participants drew/ painted various animations and cartoons. First position was bagged by Amit Kumar of Motilal Nehru College.
- An intracollege activity named “Old and Used Material Collection for College Decoration for Srijan 2022” from April 2-7, 2022 was organized. Students collected old and used materials from various departments and many students brought things from home also. After collection of material, they made art pieces, cardboard and paper rangolis, flowers from old magazines and gift wrappers.
- An intercollege “College Flag designing Competition” on 20th June 2022 was organized. Participants designed amazing flags. Flag designed by Kuntak Saha, B.Sc (Hons.) Microbiology 1st year bagged the first position and the same has been hoisted in the college premises.
- An intracollege wall painting event on the theme “United Nations - Sustainable Development Goals’ was organized by DNAmics, the society of the Department of Biomedical Science and Akriti, Modern and Fine Arts Club of the college on January 23, 2023.



PRESIDENT
Kuntak Saha

VICE-PRESIDENT
Priya Sharma

SECRETARY
Puja Kumari

TREASURER
Sunny Kumar

EVENTS COORDINATOR
Prapti Sawhney

ASTRONOMY CLUB

CONVENOR: Dr. Herendra Kumar

“Space is for everybody. It’s not just for a few people in science or math, or for a select group of astronauts. That’s our new frontier out there, and it’s everybody’s business to know about space.”
• *Christa McAuliffe.*

This year the Astronomy club of our college organized various events-

“Documentary on Astronomy”- March 29, 2023. The students were shown a documentary and thereafter a quiz competition was organized based on the documentary. This not only helped the students know more about the universe but also enjoy the activity.

Om Singh (1st year), Kashinathan (2nd year) and Naveen Kumar (2nd year) bagged the first, second and third prize respectively, all were from Physics (Hons.)

“Quiz Competition” on March 29, 2023 at 10:30 AM. Various departments participated with enthusiasm and positive attitude. The 1st , 2nd and 3rd prize winners were Anupama M. (1st year), Aman Negi (3rd year) and Krishnaja G. (1st year) of Physics (Hons.) respectively.

In collaboration with department of Physics, the club organized a lecture on **“Exploring Research Possibilities with Atoms and Molecules”** on March 29, 2023 at 11:00 AM by Prof. Jyoti Rajput (Speaker), Department of Physics and Astrophysics, University of Delhi.

The lecture gave the students a very brief insight on the career opportunities in the field of Atoms and Molecules..

Organized an **“Online Quiz Competition”** in collaboration with department of Physics on March 29, 2023 at 10:30 AM.

The winners of this event were-

Sia from Zoology department bagged the first prize. The second and third position were bagged by Pankaj Sharma and Pallavi of Second year Physics (Hons.)



CAPABILITY ENHANCEMENT AND LITERARY CLUB

CONVENOR: Dr. Satyawati

Capability Enhancement and Literary Club is a group of literary enthusiasts who share a common interest in writing and expressing their views, always navigating the sea of words to find their voice. The club strives to ameliorate communication and critical thinking skills in students by introducing them to the literary works of different genres including poetry, plays, novels, etc. Our rich choices of events across the board focus on training and building skills such as building leadership skills, working on areas like English language speaking and writing, translation practice through poems, producing creative texts, scripts, etc. A portfolio of activities designed by office bearers with conveners and members every year encourages student creativity and understanding of their interest in quizzes and competitions which keeps the club stimulating and invigorating.

On April 08, 2022, on the occasion of the silver jubilee of the college, the club organized an inter-college competition entitled "Bid to Buy".

The club organized a two-day educational field trip to the Electronic media production center, IGNOU on May 30 and June 01, 2022.

On May 24, 2022, the club took students of the college on an informative field trip to Dainik Jagran, Pyare Lal Bhawan, ITO, Delhi. This trip assured the possibilities of media career development choices amongst students. This year on January 23, 2023, an online essay writing competition on "Why I am inspired by Bose and the journey of his life." was conducted to commemorate Subhas Chandra Bose's birth anniversary.

ACHIEVEMENTS

BID TO BUY



Romit Dutta Gupta
B.Sc. (Hons.) Microbiology
II Year



Gaurav Ballyan
B.Sc. (Hons.) Botany
III Year



Aryan Mallik
B.A Prog.
II Year
Motilal Nehru College

ESSAY WRITTING



Rakshika Koul
B.Sc. (Hons.) Microbiology
I Year



Nidhishree
B.Sc. (Hons.) Food Technology
I Year



Mohit Pratap Sharma
B.Sc. (Hons.) Computer Science
I Year



Suhani Prasad
B.Sc. (Hons.) Biomedical Science
I Year



PRESIDENT
Sridip Mukherjee

VICE-PRESIDENT
Srividya Rajagopal

SECRETARY
Harit Singh Gaharwar

JOINT SECRETARY
Riya Chauhan

CLICKERATI PHOTOGRAPHY CLUB



CONVENOR: **Dr. Umesh Kumar**

"A photograph is a secret about a secret. The more it tells you, the less you know."

– Diane Arbus

Photography is the art and practice of capturing images using a camera, lens, and other equipment to create a visual representation of a subject or scene, the person who's performing this immense task should have a special title for doing this and that's "CLICKERATI". Clickerati, the Photography Society, teaches the students and its members to capture the beauty of the world we live in. Being one of the most active societies of the college, it regularly organizes workshops and photo walks around the city with the motive to learn some new skills every time. The Photography Society, Clickerati has always been a fascinating charm to newcomers since its inception in the college. The club has been designed with the objective to offer leadership and skills in photography to the young photographers of our College. Club members get an opportunity to cover all the major and minor events organized in the college. In addition, it organizes competitions for students at intercollege as well as intracollege level. Awards and certificates are given to the students in events organized in college and outside the college. On April 08, 2022 (Friday) the college organized Annual fest "Srijan 2022". The club participated and organized a competition named as "Search and Click" and photo gallery for students. It was an open competition for all the colleges.



PRESIDENT
Aryan Tyagi

VICE-PRESIDENT
Akash kumar

CONFIANZA

DEBATE CLUB

CONVENOR: **Dr. Satyam Ravi Dwivedi**

“An idea changes when passes from one person to another.”

Confianza is the Debate club of BCAS. The club provides the opportunity for the students to think critically, improve their communication, analytical, and oratory skills, and increase their self-confidence. It motivates the students to express their views effectively and to respond cogently to arguments with which they disagree. With this very aim, the Debate Club every year organizes various activities like debate competitions, extempore competitions, declamation competitions, parliamentary debates, and skill enhancement workshops both at the college and university levels to help the students hone their skills and master the art of debating.

INVITED TALK-MIND MANAGEMENT SESSION

Mind Management session was organized by Debate Club in association with Art of Living on January 11, 2023. In this session how to focus your mental state on the work you need to do was explained. Also, the facts about meditation and how important it is to meditate was explained. Meditation can give us peace, calmness and balance that can benefit both our emotional and mental well-being which in turn can benefit us with good mental health and peace. Participants were also given training to meditate for 30 minutes; after which most of the participants were feeling calmer and more peaceful.

SRIJAN 2023

Confianza, conducted Tarkshetra- the debate competition on the topic “The G20 Summit is a better platform suited to discuss global problems than the UN” in SRIJAN, the annual fest of Bhaskaracharya College of Applied Sciences. The competition was judged by Dr. Saurabh Ji. Students from various colleges of Delhi participated in the event.



ACHIEVEMENTS

- Sridip Mukherjee has won the following prizes:
- 2nd place at War of words, organized by Commercium, PGDAV college.
- 1st position at Tug of words, debate competition organised by NCC, Hansraj College on 21st September

PRESIDENT
Sridip Mukherjee

VICE-PRESIDENT
Nitin V

SECRETARY
Vishakha Sagar

DARPARAN DRAMATICS CLUB



CONVENOR: Dr. Anjali Saxena

Art is always not about pretty things, it's about who we are, what happened to us, and how our lives are affected." BCAS Dramatics Club 'Darpan' tries to bring forth this face of art to life using theatre because we believe "well performed is well received". During the academic year 2022-2023, Darpan actively organized various events.

NUKKAD NATAK COMPETITION "ZAMI PARISTI" IN ANNUAL CULTURAL FEST SRIJAN 22.

Darpan, BCAS Dramatics Club, organized a Nukkad Natak Competition "Zami Paristi" on April 08, 2022. Despite 75 years of Independence as we celebrate Azadi ka Amrit Mahotsav in our country, the Nukkad Natak by various teams highlighted some of the major issues still prevailing in our society such as discrimination based on religion, child marriage system in rural areas. The play also sensitized the audience on child marriages that how it not only undervalues the girl child and deprive them of childhood but is also detrimental to their health and well-being. Other agendas in Nukkad Natak explained the fight to articulate the challenges of marginalized castes and communities, women's conditions in the socio-cultural field, etc. With their play, they also seeked solutions to improve these issues. Another major issue highlighted through the competition was life in old age homes, which was unfortunately not much prevalent in the pre-independent era but has been seen in the post-independent era. With the drastic change in material lifestyle, the concept of abandoning parents in old age homes is visible.

STREET PLAY ON GREEN CAMPUS

Darpan, BCAS Dramatics Club, in collaboration with the Garden Committee of the College, organised a street play on "Green-Campus Initiative" on April 12, 2022. The play highlighted our institution's green practices. The street play at first displayed some of the environmental challenges that have undermined overall health and well-being and showed how our college contributes in seeking solutions to these challenges. It highlighted the importance of plantation drive in our college as an attempt to protect the environment for future generations. It also explained how the college waste management committee contributes to the green campus. The play also spotlighted the efforts of our college by regular Swachhta drive in the campus. It sensitized the students/stakeholders' ways for efficient energy and water consumption in the campus, conserving resources and enhancing environmental quality. It also explained the importance of vermicomposting. Students took oath that they will minimize the use of plastic bags, instead they will make regular practice to use cloth bags in their homes for daily activities.

ACHIEVEMENTS

1. Darpan, The Dramatics Club of BCAS got selected in the prelims of Soch, Annual Street Play Event of NSUT.
2. Darpan, The Dramatics Club of BCAS won special mention at Kolaahal, Annual Street Play Event of Rajdhani College, University of Delhi.
3. Darpan, The Dramatics Club of BCAS , entered the finals of the Annual Street Play event of Aakrosh, Shyam Lal College, University of Delhi
4. Ms Deepanshi Karwall, represented Darpan, The Dramatics Club of BCAS at the Delhi circuit of Antragni, Annual fest of IIT Kanpur
5. Mr Kaustav Biswas, represented Darpan , The Dramatics Club of BCAS, won the Certificate of Merit as Runner up of Bollywood Monologue held during Zenith 2022, on 18th-19th February, 2022 organised by Gitarattan International Business School.



PRESIDENT
Archana

VICE-PRESIDENT
Anubhav Sharma

SECRETARY
Neha



FILM ODYSSEY FILM CLUB

CONVENOR: Ms. Shweta Dua

The Film Club was constituted to educate and encourage the students through films. The club works towards directing, producing, and screening a wide range of films that challenge, unite, educate, amaze, and inspire the spectators. We, at BCAS Film Club, try to capture the very essence of cinematography by preserving every notable memory of a student's journey through college. Members of the club are actively involved in making documentaries and short films for various activities happening in the college throughout the year. This year the Film Club organized a screening of a documentary entitled "The Life and Ideologies of Sh. Sardar Vallabhbhai Patel" on November 07, 2022. The objective of this event was to make the viewers aware of the legendary personality who played a crucial role in the Independence of India. As part of the Republic Day celebrations, the club also contributed to screening a video clip centered on "Netaji Subhas Chandra Bose."



PRESIDENT
Aditya Kumar

VICE-PRESIDENT
Aashi Singh

CREATIVE HEAD
Dev Pal

EVENTS COORDINATOR
Ankur Kumar

MOKSHA MUSIC CLUB



CONVENOR: Dr. Shikha Srivastava

To celebrate the annual college fest music club Moksha organized an intercollege musical competition with the name Aalap. To inculcate the feeling of love towards nature and to welcome spring the theme for the event was kept as "Spring , Breeze and Amour". It was engaging, students enjoyed the event and the platform gave them to explore their singing abilities. Volunteers of music club learned and explored their skills like working in a team and organizing the events etc. First and second prize was grabbed by Zakir Hussain Delhi College students whereas third position was secured by a student from BCAS.

To celebrate the birthday of the 'Nightingale of Bollywood', Late Lata Mangeshkar who was honoured with many awards and honours such as Padma Bhushan, Padma Vibhushan, Bharat Ratna etc. An inter-college singing event was organized by the Department of Botany and MOKSHA – Music Society of Bhaskaracharya College of Applied Sciences, University of Delhi, in the college A.V. Room on September 28, 2022. Students in a way got a platform to showcase their talents. They also learnt how to coordinate and organize the events. First position was awarded to Abhimann (First prize winner), second prize to Angelina and third prize to Pradyumnn.

To celebrate the 74th Republic Day, Birth Anniversary of Netaji Subhash Chandra Bose & Basant Panchami, Moksha - Music Society along with ECA organized a live event in the college on January 25, 2023. Music club students showcased their musical and rhythmic talents. Few students sang classical song which made the event a spectacular success. Instrumentalists supported other performers with background music. Some students volunteered to host the event. Students learnt and improved their coordination and organizational skills which will be helping them in future to organize events flawlessly and sing and speak on stage without any kind of fear.



PRESIDENT
Mohit Meena

VICE-PRESIDENT
Aashi

TREASURER
Bhumika Badhan

EVENT COORDINATOR
Aman & Srividya

PRANAHI ECO CLUB

CONVENOR: Dr. Gunjan Sirohi

The Eco Club of Bhaskaracharya College of Applied Sciences, University of Delhi has taken various initiatives for a cleaner and greener campus and to contribute towards environmental sustainability. It implements eco-friendly and sustainable practices in campus and promotes the same amongst community. Eco club is committed to work towards sensitizing and encouraging students to protect and preserve the environment by educating them in all possible ways. To achieve this, various activities undertaken in which students participated enthusiastically. List of some featured activities which received special recognition and won awards by student participants are:

- Eco Club activities and efforts towards awareness for Ban on Single Use Plastic featured in Hindustan Times (HT City) on July 03, 2022.
- Participation of Eco Club student volunteers nominated by college as “Green Ambassadors” in Harit Umang Program 2021-22 organized by Panasonic and Hand in Hand India.
- Certificate received by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education Govt. of India for conducting and completing green activities in the campus on the occasion of World Environment Day 2022.
- College has become the finalist of “International Green Gown Award 2022” under Student Engagement Category.
- Celebration of International Ozone Day 2022: Eco club in association with Debate club has celebrated International Ozone Day on September 16, 2022. By organizing various competitive events . Best poster award has been given to Prajakta Srivastava, Department of Microbiology (B.Sc. Hons.) 2nd year BCAS student. Best slogan award has been given to Shivi Nahare, Department of Microbiology (B.Sc. Hons.) 2nd year, BCAS student. Winners of Debate competition “for” and “against” the motion are Pradumn, Department of Zoology (B. Sc. Hons.) 3rd year, BCAS student and Sridip Mukherjee, Department of Microbiology (B. Sc. Hons.) 3rd year, BCAS student respectively.
- Celebration of World Wetland Day 2023. Eco club has celebrated World Wetland Day on February 02, 2023 in the college campus, by organizing various competitive events for students. Gauri Gangwar, from Department of Food Technology (B. Sc. Hons.) 1st year BCAS student won best poster award and Keshav Sharma from Department of Microbiology (B.Sc. Hons.) 2nd year, BCAS student won the best slogan prize.



RAGE DANCE CLUB



CONVENOR: **Dr. Neeru Bhagat**

Dance club (RAGE) organizes different cultural events and encourages various forms of dance from Indian to Western.

Organised the event 'Aikyam: Unity in Diversity - Cultural, Regional and Social' as part of celebrating 75 years of Independence 'Azadi ka Amrut Mahotsav' under Srijan 2022 on April 08, 2022. A total of 18 students participated in the event from different colleges. The first, second and third prize winners were Mansa Gautam of Janki Devi Memorial, Shreya Mohanan of Keshav Mahavidyalaya, and Deepak of Moti Lal Nehru College respectively.



PRESIDENT
Aishwarya Nair

VICE-PRESIDENT
Sunaina S Kumar **Surabhi**

SECRETARY
Anjali Sagar

EVENTS COORDINATOR
Pragya Kumar **Adithya Nambiar**

YOGA CLUB

CONVENOR: Dr. Mohit Kumar

“Yoga is a method that allows us to wake up to who or what we really are and to what life is all about. Anything that allows us to be more aware of ourselves and to feel connected to ourselves and life is a form of yoga” - PATANJALI

Yoga is a science, a body of techniques that lead us to consciously connect with ourselves and with life, the experience of yoga. Yoga simply tells us to do a certain practice and then to feel the effect of that practice, with no dogmas attached.

Over the years, yoga has evolved into a science of 'Health and Healing' It plays a very crucial role in the therapeutic purposes for modern epidemic diseases like diabetes, hypertension, coronary heart disease, chronic obstructive pulmonary disease as well as mental stress and obesity, The overall purpose and goal of the Yoga Club is to promote health and wellness by organizing fun, stress relieving and educational activities. Given below are the highlights of the activities organized by Yoga Club:-

- ❖ *Yoga Club in collaboration with Department of Botany, Department of Physical Education, and NSS conducted a workshop on “YOG FOR YOUTH “ on occasion of International Yoga Day on June 21, 2022.*
- ❖ *Yoga Club in collaboration with the government of N.C.T of Delhi conducted regular yoga session for staff and students of BCAS during August 2022.*





COMMITTEES

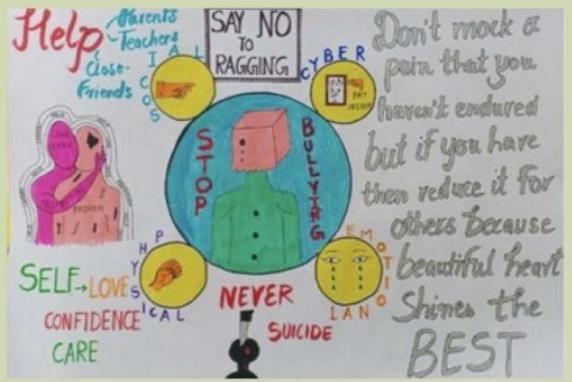
PROCTORIAL AND ANTI-RAGGING COMMITTEE

CONVENOR: Dr. Sujata Bharadwaj

This committee has been constituted by the staff council of Bhaskaracharya College of Applied Sciences. This committee ensures creation of awareness among the students regarding code of conduct, UGC guidelines regarding discipline and anti ragging matters. It also gives the mechanism of action in discipline and anti ragging matters. This committee facilitates maintenance of decorum in the college during the functions organized by the college.

INTRA-COLLEGE POSTER MAKING COMPETITION

The Proctorial & Anti-Ragging Committee, organized an intra-college poster making competition on the theme “SAY NO TO RAGGING” on October 11, 2022. The student coordinators for the event were: Gunjan Sood , Milind Singh, Vikash Raj, Shipra Singh, Twinkle.

PRIZE	WINNER	POSTER
FIRST	Kuntak Saha Microbiology	
SECOND	Bini Kanyal Zoology	
THIRD	Haripriya Zoology	

NORTH-EAST AND REGIONAL INCLUSIVENESS CELL

CONVENOR: Dr. Sonia Salam

The North East cell of Bhaskaracharya College of Applied Sciences organized a Poster Making Competition on the topic “Cultural diversity in North East India” on September 20, 2022 at 11.30 AM in A.V. Room. A total of 20 students from different departments participated in the competition. The Competition highlighted the cultural diversity that exist in North East India. Geetanjali Yadav (B.Sc. (Hons.) Botany II year), Gunjan Sood (B.Sc (Hons.) Botany III year) got First and second prize respectively and Saswati Sahoo (B.Sc. (Hons.) Zoology II year) got the third prize. Through this initiative, students expanded their knowledge of North East India. On January 29, 2023, North East cell, BCAS in collaboration with Sima Jagran Manch, Delhi Branch organized a talk on the topic “North East India: Border Issues and Solutions” at 11 AM in A.V. Room BCAS. Dr. Deep Narayan Panday, State General Secretary, Sima Jagran Manch, Delhi branch Delivered the talk which was mainly focused on the border issues in North East Region and how the issues can be solved.



ALUMNI COMMITTEE

CONVENOR: Dr. Rizwana

The contribution of an institute to the society and nation can be judged by the achievements of its alumni. In December, 2022, the Alumni Society of Bhaskaracharya College of Applied Sciences was registered. The college website has a portal through which alumni can register themselves. The Alumni Committee encourages the cooperation, participation and involvement of alumni by organizing alumni meetings every year which promotes a meaningful dialogue and exchange of ideas between the college and its alumni for the development of the institution's placement opportunities. This committee enhances communication between the college and its alumni on how they are progressing across various fields. The Inaugural ceremony of the committee was held on January 28, 2023. The Alumni committee conducted various panel discussions, expert lectures and interactions of college students with the alumni.



ANTI-TOBACCO CELL

CONVENOR: Dr. Vijay Kumar

The Anti Tobacco Cell of Bhaskaracharya College of Applied Sciences works towards a tobacco free future by highlighting the impacts of tobacco, smoking, and drugs. The cell organized a tobacco and drug awareness campaign on “#YouthAgainstDrugs” in collaboration with the Narcotics Control Bureau, Ministry of Home Affairs, Govt. of India on March 17, 2023. In this campaign, a talk was delivered by Chief Guest Prof. Balaram Pani (Dean of the Colleges, University of Delhi) and Keynote Speaker Gyaneshwar Singh (Deputy Director General, NCB). The aim of this event was to spread awareness on the negative impacts and consequences of tobacco and drug abuse such as chronic respiratory disease, cancer etc. The campaign was followed by the Anti Tobacco Pledge, taken by all the students and faculty members.



NATIONAL EDUCATION POLICY 2020 TASK FORCE COMMITTEE

CONVENOR: Dr. Vandana Batra

The NEP 2020 Task Force organized a one-day workshop on “Managing Conflicts and Teamwork for Healthy Work Environment” on March 17, 2023. The resource person of the event was Ms. Divya Aggarwal (Associate Dean, Admission and Accreditations, Indian Institute of Health Management Research (IIHMR), Delhi). Initially, de novo, Ms. Divya shared some case studies (like Maruti Suzuki etc.), which facilitated a better understanding of the nature of different conflicts in the workplace and how they were managed by authority effectively. Also, there were many hands-on activities designed for participants, resulting in an active participation from students and staff members during the workshop. The speaker, Ms. Divya presented a very engaging and lively workshop on managing work conflicts. The event saw an enthusiastic participation from both students as well as staff members of BCAS.



NSS VOLUNTEERS IN FIELD



CONVENOR: Dr. Amit Kumar

NSS volunteers keep contributing towards the welfare and awareness drives run at college, university, and government levels. Some of the contributions/participation are highlighted below:

DELHI YOUTH PARLIAMENT FESTIVAL

NSS volunteers participated in Delhi Youth Parliament held at Delhi Assembly on January 23 to January 25, 2023. To acquaint and educate the young people about doctrines and functionality of democracy and to encourage them to participate in legislative procedures, Delhi Legislative Assembly organized the second Delhi Youth Parliament from January 23 to January 25, 2023 at the premises of Delhi Legislative Assembly, Old Secretariat, Delhi. Participants of age between 18 and 25 years from different Universities and Colleges in Delhi were invited in this three-day Mega Event.

ADISHOURYA PARV CELEBRATIONS

NSS volunteers participated in Adishourya Parv National celebrations done at Jawaharlal Nehru Stadium , January 23 and 24, 2023. The festival exhibited the prowess of armed forces in military tattoo and featured various power-packed dance performances by the Military and tribal communities showcasing the beauty of India's diverse tribal culture from across India and promulgating the message of Ek Bharat Shreshtha Bharat.

TIRANGA YATRA

NSS held a Tiranga Yatra on August 13, 2022 around the college campus to commemorate the 76th Independence Day.



SWACHHTA PAKHWADA

In celebration of Swachhta Pakhwada 2022, the following program was held from 1-15 September, 2022:

1. NSS volunteers spread awareness among students on cleanliness, which included the curbing single-use plastic and dissuading the use of plastic in general.
2. In order to promote the habit of cleanliness among young learners on college campuses, the Swachh Campus Campaign 'CAMPUS CLEAN UP' took place on 14-15 September, 2022.

FREEDOM RUN 3.0

A km stretch around the college campus was covered by NSS volunteers during Freedom Run 3.0 on October 18, 2022.

BLOOD DONATION CAMP

NSS organized a blood donation camp in collaboration with Deen Dayal Upadhyay College and Saksham Inderprastha NGO on October 28, 2022. A total of 100 volunteers participated in the blood donation program, and 55 of them were fit-successful in donating blood. As most of the donors were first-time donors, NSS felt proud to make them comfortable during the process. Some of them indicated that they have been regular donors throughout their lives.

UNITY RUN ON EKTA DIWAS

NSS volunteers participated in the Unity Run on the occasion of Ekta Diwas on October 31, 2022. The events were organized by University of Delhi at North Campus and Govt. of India at Dhyanchand Stadium.

PLEDGE FOR ORGAN DONATION

The pledge for eye donation was held on October 28, 2022 in association with Saksham Inderprastha NGO.



VIVEKANAND VICHAR MANCH

CONVENOR: Dr. Ragini Jindal

Vivekanand Vichar Manch is a forum created for organising events and activities aimed at motivating students to imbibe exemplary attributes of Swami Vivekanand Ji and be guided by his philosophy.

The Manch has organised several events in last few years which include celebration of National Youth Day on the occasion of Swami Vivekanand Jayanti, awareness session on Birth Anniversary of Sri Aurobindo, Antarrashtriya Matribhasha Divas, Kargil Vijay Diwas, Universal Brotherhood Day, webinars, various competitions such as slogan writing, poster making, lokgeet, portrait making and debate competition etc.

The events organised by Vivekanand Vichar Manch help in character building, inculcating values, sense of pride for the nation and commitment to selfless service towards the society.



WOMEN DEVELOPMENT CELL

CONVENOR: Prof. Eram S. Rao

The Women Development Cell at BCAS is a dynamic and constantly active group of students, faculty, and staff members working to build a more welcoming, tolerant, and gender-sensitive community on campus and in the wider community. Through lectures, workshops, and symposia, it aims to empower students by raising their awareness of sociopolitical, cultural, and legal perspectives. The Cell educates and sensitizes students in a comprehensive way through its many activities, including slogan writing, poster-making, rangoli-making, debates, and self-defense training classes. The main goal of our recent programs and events has been to raise awareness on the issues mentioned above that are still prevalent in our society.

Given below are the highlights of the activities organized by Women Development Cell:

1. On occasion of International Women Day, a two-day National Seminar on "Women Empowerment: Challenges, Need and Issues" was organized from March 07 and March 08, 2022.
2. A Cyber Security Awareness workshop was conducted on September 16, 2022 to make our students and faculty staff members aware of cybercrime. The resource persons were Sub Inspector Nikita from cyber branch, Delhi Police and Head Constable, Sunita from Himmat. They highlighted how different types of crimes are committed such as morphing some videos, money related fraud, hacking, extracting net banking details and phishing etc. are committed out.
3. PCOS Awareness seminar was organized on February 05, 2022. The goal of PCOS Awareness is to enhance the lives of persons who are affected by PCOS by assisting them in overcoming their symptoms and reducing their chance of developing life-threatening conditions such as diabetes, cardiovascular disease, nonalcoholic fatty liver disease, and cancer.
4. Women Skill Enhancement and Entrepreneurship Development Cell under the aegis of Women Development Committee of Bhaskaracharya College of Applied Sciences along with Lakshaya Foundation undertook a humble initiative to train women in the area of food preservation to provide them economic empowerment. It was initiated on April 2022, at Goya Dairy, Qutub Vihar, Delhi. It included eight women from Goya Dairy community area who were imparted with hands-on training to prepare green chilli pickle. These women were taught to peel garlic cloves, pre-treat before packing and preserve the commodity at low temperature. The women were also trained on the preparation and packaging of amla murabba and packaging it. These initiatives by WDC were conducted from April-May 2022.



GENDER SENSITIZATION COMMITTEE

CONVENOR: Dr. Inderbir Kaur

The aim of the Gender Sensitization Committee is to offer an integrated and multidisciplinary approach to understanding the cultural and social constructs of gender which affect the experiences of individuals in society. It also creates awareness regarding equality in law, social system, and democratic activities. It also makes young boys and girls gender sensitive and create positive values that support their rights. To achieve these goals Gender Sensitization Committee organizes several different activities from time to time.

1. An intercollege Debate competition on the topic "Do gender roles promote gender inequality" was held in the college on April 11, 2023. students shared their views for and against the topic.
2. An Awareness Session on "Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (POSH Act)" was held in the college campus on December 01,2022. The speaker for the session was Ms. Niyati Sharma, Advocate, Delhi High Court. She shared her views and provided insights about the POSH ACT 2013 and also about various article and laws against sexual harassment.
3. In order to observe 25th November, as international day for violence against women, a slogan writing competition was initiated on November 25, 2022. The theme of the slogan competition was "Elimination of violence against women." The competition went on till December 05, 2022. The students enthusiastically participated and shared their views.
4. The students and teaching/ non-teaching staff of the college also participated in signature campaign to pledge their support in eliminating violence against women.
5. A slogan writing competition on the topic "Combating the gender stereotypes: equal rights and equal powers for all" was held on October 03, 2022. The event was judged by Ms. Niyati Sharma, legal advisor.
6. A poster making competition on topic "prevention of Sexual Harassment at workplace" was held on August 21, 2022.

S.N	EVENTS	WINNERS
1	Essay writing competition on topic - "Gender inequality in today's society for selection of gender champions" [April 2022]	Diksha - B.Sc (Hons.) Instrumentation Arunima - B.Sc (Hons.) Instrumentation Shubham - B.Sc (Hons.) Instrumentation Kamaltosh - B.Sc (Hons.) Instrumentation
2	Poster making competition on the topic- " Prevention of sexual harassment at workplace" [August 2022]	Puja Kumari - B.Sc (Hons.) Microbiology Dev Pal - B.Sc (Hons.) Physics
3	Slogan writing Competition on topic-" Combating the gender stereotypes: equal rights and equal powers for all" [October 2022]	Tanmay - B.Sc (Hons.) Zoology Dishu - B.Sc (Hons.) Zoology Khushboo -B.Sc (Hons.) Zoology
4	Slogan writing Competition on topic-" Elimination of violence against women " [November 2022]	Pranav - B.Sc (Hons.) Electronics
5	Debate Competition on topic-" Do gender roles promote gender inequality " [April 2023]	Neelam - Miranda college Pradumm - B.Sc (Hons.) Zoology Umesh - B.Sc (Hons.) Instrumentation

EQUAL OPPORTUNITIES CELL AND COMMITTEE FOR INCLUSIVE EDUCATION

CONVENOR: Dr. Pawas Goswami

Equal Opportunity Cell of the college is actively involved in various activities to provide equal opportunities to students from all walks of life. This Cell works in the interest of the college students and also collaborates with various non-governmental organizations in organizing various social activities. This year college celebrated 'International Day of Persons with Disabilities' in collaboration with Vision Divyang Foundation on December 02, 2022. Divyang students and their counsellors from various institutions participated in this and presented a dance performance, poem recital and other programs. A fashion show by divyang students was the hallmark of this program. The dynamic Chairperson of Vision Divyang Foundation Mr. Mukesh G. Gupta walked the ramp in the fashion show and inspired all the students and attendees. The program was conducted by Ms. Kusum Gupta, Principal, Vision Institute of Advanced Studies. The occasion was graced by Dr. Sanjay Kant Prasad, Director, National Centre for Disability Studies, IGNOU. BCAS organized Divyang Adhiveshan 'Sportify 2022' in collaboration with 'SAKSHAM', on December 17, 2022. Several sports events like races, throw ball, shot put etc. were organized for divyang students in this program. Dr. Gaurav Sachdeva presided over the event on behalf of 'SAKSHAM'. Prof. Balaram Pani, Dean of Colleges, University of Delhi graced the occasion. BCAS also partnered in an International Conference on 'Significance of Counselling and its Resources for SDGs' from February 2-3, 2023 along with Vision Divyang Foundation, IGNOU and Sanskriti University.



BIOLOGICAL AND CHEMICAL WASTE MANAGEMENT COMMITTEE

CONVENOR: Dr. Shalini Sehgal

The College has a proactive approach towards maintaining a green and clean campus. The biological and chemical waste management committee has been working on streamlining the waste disposal system as per government norms. The college was registered with the Delhi Pollution Control Committee (DPCC). Year-round steps were taken to create awareness and procure facilities for proper waste disposal. The SOP was created and circulated among the college departments for better handling of the generated waste along with the awareness material. The color-coded bags were procured and distributed to the concerned departments. The committee has also organized a special drive to collect expired medicines in the college in collaboration with SMS Water Grace BMW Pvt. Ltd. - a Government of Delhi empaneled company. The drive saw active participation by both students and staff. The committee is currently overseeing an ongoing poster competition themed Waste Management - A Step Towards Green Earth and Better Future. The entries will be used as a resource material to create awareness among the students in the coming months.



TRAINING PLACEMENT AND ENTREPRENEURSHIP CELL

CONVENOR: Dr. Manoj Tiwari

The Training Placement and Entrepreneurship Cell of the college is working towards the aim of providing the best opportunities to the college students.

21 students from the departments of Botany, Zoology, Computer Science, Electronics, Food Technology and Instrumentation were placed in reputed organizations such as Wipro, Karmalife AI, Srijan Technologies, Roinet Solutions Pvt. Ltd, Diensten Tech Ltd., Kanegrade Flavours and Ingredients Pvt. Ltd. and Physics Wallah.

A placement drive by Homi Fortune Pvt. Ltd. was organized on February 17, 2023 in the college.

A "Placement Talk" was organized on February 23, 2023 in the college. The resource person was Mr. Sunil Dua, Senior Regional Head, T.I.M.E. Delhi.



EXTRA-CURRICULAR ACTIVITIES (ECA) COMMITTEE

CONVENOR: Dr. Vijay Kumar Nalla

Extra-Curricular Activities (ECA) committee is a staff council committee of the college, which is composed of 7 clubs: music, dance, debate, drama, fine arts, photography and film club. The ECA committee is responsible for holding various cultural events in the college such as events of national importance like Republic Day, Independence Day, Constitution Day and Vigilance Awareness week. The committee spreads awareness the importance of the national days by conducting various campaigns, performances and competitions. Every year, ECA holds an inter college cultural event Srijan. ECA committee also conducts admissions for students under ECA category, as per the University of Delhi norms. Apart from the above events, clubs of ECA committee conducts many activities on timely basis. Under Azadi Ka Amrit Mahotsav also, ECA conducted year-long celebrations with seminars, cultural events etc. ECA conducted National Vigilance Day in which more than 300 students took oath to be responsible citizens.

In the year 2022-23, ECA conducted various events as detailed below.

- ECA held Annual Inter College Festival, Srijan - 2022 on April 08, 2022. The event was inaugurated by Ms. Priyanka Mishra, IPS, Director of Administrative Services at Indira Gandhi National Centre for Arts (IGNCA), New Delhi, in the august presence of Prof. Balaram Pani, Dean of Colleges, University of Delhi, Ms. Madhuri Varsheny, Chairperson of Governing Body, Mr. Sunil Kumar Chowdary, Treasurer, Governing Body, Prof. Avneesh Mittal, Officiating Principal and Dr N Vijaya Kumar, Convenor, ECA committee. Students from several colleges of Delhi University participated and won the prizes. Ms. Priyanka Mishra inspired students and motivated them to participate in both academic and cultural walks of life. She visited the art exhibition conducted by Modern and Fine Arts club and did plantation to promote clean and green nation. Around 1000 students participated in this one-day event. A brief report of Srijan-2022 was published in the newspapers, "Dwarka Express" and "Dainik Jagran" on April 16, 2022.
- The ECA committee celebrated the 76th Independence Day on August 13, 2022. Ms Bhawna Gaur, MLA Palam was the Chief Guest of the flag hoisting function. She inaugurated the 115 feet tall pole bearing the Indian National Flag. The event was followed by hoisting of college flag by Mr. Kuntak Saha, Department of Microbiology, who designed the flag. This year's Independence Day is also marked with release of college song by the writer and composer, Mr. Gajendra Solanki, who was also Guest of Honour of the event. The event was attended by Prof. Balaram Pani, Dean of Colleges as Guest of Honour and Sh. Sunil Kumar Choudhary, Treasurer, Governing Body as Special Guest and the event was presided by Ms. Madhuri Varsheny, Chairperson, Governing Body. A video on National War Memorial, prepared by Film Club, Art work by Fine Arts club, Selfie with National Flag by Photography Club, A group song on patriotic theme by Music club, A video of Dance performance by Dance club, Display of various products as the initiative of women development cell and tree plantation by guests are some of the activities which were held on this day.
- As part of vigilance awareness program and to celebrate the birth anniversary of Shri Sardar Vallabhai Patel, the ECA committee conducted an Integrity Pledge taking event on October 31, 2022. All teaching, non-teaching staff and students took integrity pledge.

4. ECA committee celebrated Constitution Day of India, on November 26, 2022. As part of celebration, reading of preamble of the constitution was conducted by sending the google form to all members. Teaching, non-teaching staff and students were encouraged to read the Preamble and the feedback of the same was collected.

5. ECA committee conducted Republic Day: Parakram Diwas and Basant Panchami events on January 25, 2023. Mr. Nilay Kumar, Branch Manager, Union Bank of India was the chief guest of the event. The flag hoisting event was followed by Principal's message and address by chief guest. Cultural performances were given by students of Music club and Dance club.

6. The ECA committee conducted a student development programme as a mark of G20 Presidency of India, on the topic "Communication Skills, Confidence building and redefining Aptitude: Creating Young leaders" in collaboration with Learning from Ant organization and Culture Council, University of Delhi on March 16, 2023. The session was addressed by Mr. Anurag Sharma, Founder of Learning from Ant.

7. The ECA committee conducted a workshop on "Financial Literacy: Personal Finance Management" on March 28, 2023. The session was held by Ms. Shikha Mittal of BeArtsy Company in joint collaboration with National Stock Exchange, Government of India. More than 50 students registered and participated in this workshop.





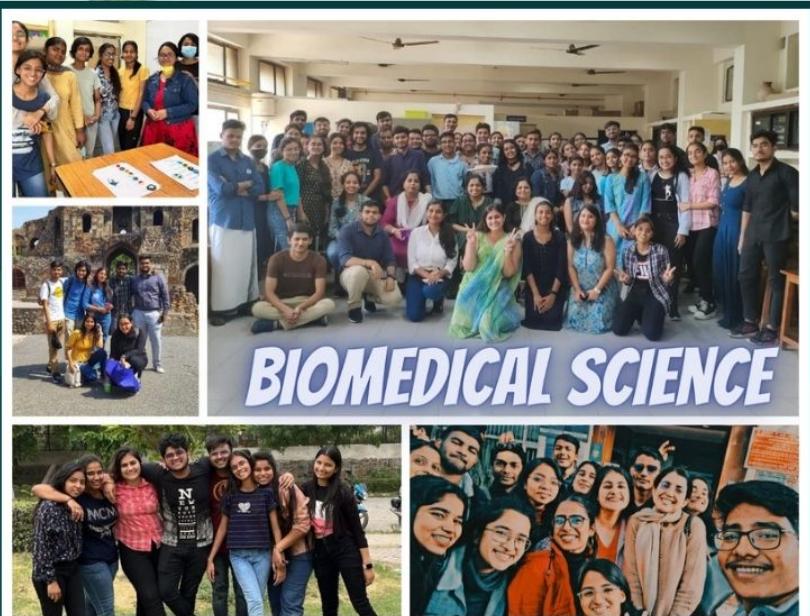
DELIGHTFUL MEMORIES

DEPARTMENT OF BIOMEDICAL SCIENCE



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF BOTANY



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF CHEMISTRY



1ST YEAR



2ND YEAR



3RD YEAR

DEPARTMENT OF COMPUTER SCIENCE



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF ELECTRONIC SCIENCE



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF FOOD TECHNOLOGY



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF INSTRUMENTATION



1ST YEAR

2ND YEAR



BATCH
2K24



3RD YEAR

DEPARTMENT OF MICROBIOLOGY



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF PHYSICS



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF POLYMER SCIENCE



1ST YEAR

2ND YEAR



3RD YEAR

DEPARTMENT OF ZOOLOGY



1ST YEAR

2ND YEAR



3RD YEAR

भास्कराचार्य हमारा स्वाभिमान है।



COLLEGE MAGAZINE COMMITTEE

TEACHER'S EDITORIAL BOARD



Above row from Left to Right: Dr. Alivia Roy, Dr. Swati Gupta, Dr. Seema, Dr. Shikha Srivastava, Dr. Satyawati, Dr. Meetu Luthra, Dr. Shvetambri, Dr. Inderbir Kaur, Dr. Neeru Sharma, Dr. Neha Singh.



THE EDITORIAL BOARD

2023



KUNTAK SAHA

“And now here is my secret, a very simple secret: It is only with the heart that one can see rightly what is essential is invisible to the eye.”

The Little Prince by Antoine de Saint-Exupéry



THE EDITOR-IN-CHIEF

THE LITERARY TEAM

MEGHA SAPRA

“Nothing in this world is a coincidence. You are meant to be here at this moment. You are not late, not early. You are very much on time.”

THE ENGLISH LITERARY
HEAD

PRAGYA KUMAR

“Learn from the past, live in the present, think of the future.”

THE HINDI LITERARY
HEAD





N A L I N I N A T A R A J A N

"It's the possibility of having a dream come true that makes life interesting."

THE ENGLISH LITERARY
MEMBER

A N A N Y A Y A D A V

"Be imperfectly perfect in your perfectly imperfect world."



THE ENGLISH LITERARY
MEMBER



S U L A Y M A N S O W E

"To be an optimist, is the best of character; To be a pessimist, is the worst of character."

THE ENGLISH LITERARY
MEMBER

K R I P A N S H A P A N T

"Our compositions and creations are the deep-rooted imprints of our experiences and aspirations housed in our hearts creating their own unique world."



THE HINDI LITERARY
MEMBER



THE DESIGN TEAM



P U J A K U M A R I

"Appreciate where you are in your journey, even if it's not where you want to be. Every season serves a purpose."

THE DESIGN HEAD

S U N N Y K U M A R

"Behind every sweet smile, there is a bitter sadness that no one can ever see and feel."

THE DESIGN HEAD

M E E N A K S H I

"Don't lose yourself in the process, Love yourself the most even If you're not loved by anyone."



THE DESIGNER



THE EVENTS & PUBLIC RELATIONS TEAM

PRAJAKTA SRIVASTAVA

"There's a galaxy within all of us and each moment we are gazing at a constellation of it."



THE EVENTS & PUBLIC
RELATIONS HEAD

SUHANI SINGH

"Don't settle for average. Bring your best to the moment. Then, whether it fails or succeeds, at least you know you gave all you had."

THE EVENTS & PUBLIC
RELATIONS HEAD

GAURAV SHARMA

"Your work is going to fill large part of your life, and only way to be truly satisfied is to do what you believe is great work. And only way to do great work is to love what you do."



THE EVENTS & PUBLIC
RELATIONS MEMBER



SANSKRITI ROUTH

"As long as you're trying to do better, better is going to come."

THE EVENTS & PUBLIC
RELATIONS MEMBER



DIVYA GAHLOT

"If you change the way you look at things, the things you look at change."

THE EVENTS & PUBLIC
RELATIONS MEMBER



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