

VOLUME - 1 ISSUE - 1  
JAN - MAR 2025

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## **Message From Director Of the Institute**



*It gives me immense pride and joy to present this edition of **Shankh A Magazine Of IIIT Bhopal** , a vibrant testament to the creativity, achievements, and dynamic spirit of the IIIT Bhopal community. This magazine is more than a collection of articles and stories—it is a reflection of the collective efforts, milestones, and aspirations of our institution. It encapsulates the details of our college, the significant events that have shaped our journey, and the remarkable achievements of our students, teachers, and the institution. Since its commencement, IIIT Bhopal has been on a path of growth, and this magazine is a testimony to that statement.*

*This magazine is the collective effort of the college fraternity. Still, I want to express my special gratitude to the entire magazine team for their exceptional dedication and teamwork in bringing this publication to life. With teachers serving as faculty advisors and students as editors, the collaboration behind this endeavour highlights the unity and shared vision that make IIIT Bhopal unique. Their hard work has ensured that Shankh serves as a platform to celebrate our accomplishments and inspire us to aim even higher.*

*I encourage every reader to delve into the pages of this magazine, relive the memories of past events, and draw inspiration from the stories of success and innovation. My heartfelt congratulations to the team and contributors for creating such a meaningful and engaging publication.*

**Prof. Ashutosh Kumar Singh**  
**Director, IIIT Bhopal**

## *Message from Faculty Advisors*



*It is our pleasure to present the very first issue of the Shankh A Magazine Of IIIT Bhopal, the official college magazine of the Indian Institute of Information Technology, Bhopal.*

*As the faculty advisors, We are deeply grateful for the support and contributions of everyone involved in making this inaugural issue a reality. We look forward to seeing the growth of Shankh, A Magazine of IIIT Bhopal in the coming years and to hearing your feedback and suggestions for improvement.*

***Dr. Aashish Parihar***  
***Faculty Advisor,***  
***Magazine Team, IIIT Bhopal.***

***Dr. Gaurav Kumar Bharti***  
***Faculty Advisor,***  
***Magazine Team, IIIT Bhopal.***

## Message from Magazine Editor



*No man is an island, entire of itself; every man is a piece of the continent, a part of the main. This quote by John Donne is what I came upon as a realization as we, the editorial board members, worked in tandem to present the inaugural edition of our college magazine.*

*Having dealt with words for most of my life and in my capacity as the magazine editor, it was a strange feeling when I sat down to pen this message; I found myself at a dearth of words. It is somehow ironic to describe the whirlwind of emotions that my portfolio brought along with it. From the beginning, this role carried great responsibility, as I was entrusted with creating a magazine that reflects the spirit of our college and reinstates the values that we have stood out for since our inception in 2017. Had it not been for the support and guidance of the members of the editorial board and the faculty advisors, I would have been in a fix.*

*We, the members of the editorial board, are beyond delighted to present before you all Volume I, Issue I of **'Shankh, A Magazine of IIIT Bhopal'**. Shankh, in particular, has been used as a trumpet to mark the beginning of some process, and for that reason, Shankh happened to be a very suitable choice for the name of the college magazine, as we walk on the road 'less travelled by.' I hope that Shankh, A Magazine of IIIT Bhopal will become a platform through which ideas will be exchanged, creativity will peak, and talent will be recognized.*

*I would like to express my sincere gratitude to the honorable director, sir, of our institute, Dr. Ashutosh Kumar Singh, and to faculty advisors, Dr. Aashish Parihar and Dr. Gaurav Kumar Bharti, who believed in my capabilities and gave me a chance as the magazine editor.*

*I would like to thank the members of the editorial board, who effortlessly coordinated with me and worked with utmost sincerity. Mr. Chirag Prasad, the content writer for this magazine, and Mr. Dheeresh Verma, the graphic designer. The cover page has been designed by Mr. Keshav Garg of the first year, we are thankful for his contribution. This magazine is a collective effort of these people.*

*At last, I would like to thank all the readers who invested their time in going through this magazine. I hope you would enjoy what we have tried to create.*

*Thank you so much.*

**Agam, Magazine Editor,  
Editorial Board, Magazine Team, IIIT Bhopal.**

## *Introduction of the Editorial Board*

*"Far and away the best prize that life has to offer is the chance to work hard at work worth doing."*

*~Theodore Roosevelt*



*As Editorial Board members, we wondered if our work was worth it, as the idea to create a magazine of our college was formalized. It was soon that we were hit with the realization that every second that we would be putting into this work will be worth it. The college magazine serves as a medium through which voices can be heard, thoughts can be given a shape and achievements of the institute can be celebrated. We are deeply grateful for the opportunity to contribute to this platform, where creativity, knowledge, and diverse perspectives converge in the most surreal manner.*

*"Shankh A Magazine Of IIIT Bhopal " is a collective effort of the entire college fraternity, driven by a shared passion for writing, designing, and curating*

*engaging content that not only informs but also inspires. It is a matter of utmost pride for the entire editorial board, to present before you all, the inaugural edition of magazine of IIIT Bhopal, which is a reflection of creativity of our talented students.*

***"The Poetry Corner" and "काव्य अभिव्यक्तियाँ" celebrate the beauty of poetry in both English and Hindi, capturing the essence of creative expression. "Perspective & Ideas" features thought-provoking articles that encourage fresh viewpoints and intellectual growth. Additionally, "Publications" showcases our team's research and creativity, "Editorials" reflects on key issues, "Insights from the Team" offers a behind-the-scenes look at our process, and the "Art Gallery" displays the artistic talent within our team. Each section contributes to a dynamic, engaging experience for our readers.***

*It is crucial to acknowledge the roles of individuals who were behind the success of an endeavour, those types of people who put in their time, efforts, and energy to guarantee the success of an event. Here is a glimpse of the Editorial Board members, who, with their meticulous planning and organization, made the possibility of IIIT Bhopal's magazine a reality.*

### ***Members of the Editorial Board :-***

- 1. Agam :- Magazine Editor*
- 2. Chirag Prasad :- Content Writer*
- 3. Dheeresh Verma :- Graphic Designer*

## The Poetry Corner

### **Hey !!!**

*Why does everything she says make sense?*

*Her thoughts align, so pure, so immense.*

*Each word she speaks feels like a key,  
Unlocking dreams and setting me free.*

*Why am I so drawn to her style and grace?*

*Her presence lights up every space.  
Her wardrobe feels like a perfect dream,  
In every universe, my destined theme.*

*Why do her dreams mean life to me?*

*Her aspirations, a purpose I see.  
Her priorities feel like missions to start,  
Guiding the compass within my heart.*

*Why do 'thank you' and 'sorry' feel strange?*

*These words bring distance, a subtle change.  
Why must they exist, creating a wall,  
When I wish for no barriers at all?*

*Does she feel the same way as I?*

*Or is my love a whispered sigh?  
She speaks of bonds, but I crave more,  
A partnership my soul implores.*

*Why does this awkwardness silently grow?*

*Do my feelings show, or does she not know?  
Is love between us just a dream?  
Or could we be the perfect team?*

*Should I tell her how I feel inside?*

*Or let this longing forever hide?  
Her presence is the life I seek,  
But is my heart too bold to speak?*

*What if she doesn't feel the same?*

*Will I lose her or just face the pain?*

*But love demands I take the chance,  
To build a life of true romance.*

*~Shivarpit Vardhan (ECE 1st year).*

### **Partition of Hearts**

*A few passing decades ago,  
A tryst with destiny was made,  
People sitting at the helm of power did not realize,  
That its price was heavily paid.*

*It was paid by the commoners.  
of this great and opulent nation,  
the pain of bloodshed was unbearable  
and so was the separation.*

*It wasn't just the separation of geographic land,  
But rather the separation of hearts,  
As people were forced to flee,  
Leaving behind their villages in pieces  
and in parts.*

*The landforms were divided into two halves,  
Based on the politics and religion,  
But the people who were abandoned and stained  
That was devoid of any humane reason.*

*It was men, women, and children,  
Who were made the victims at last,  
It was absolute mayhem all around.  
As people resorted to looting, riots, and  
bomb blasts.*

*As we revisit those horrid days of partition,  
Our hearts are filled with despair,  
In fond remembrance of those,  
Whose God did not answer the prayer.*

*~Agam (ECE 3rd Year)*

## काव्य अभिव्यक्तियाँ

### “कागज पर उतारो खुद के ख्यालों को”

तन्हाई में जो तुम सोचा करते हो,  
अपने ही अंदर जो तुम खोजा करते हो,  
ख्वाबों की खदानों से जो तुम हीरे जोड़ा करते हो,  
विचारों के वनों से जो तुम फल तोड़ा करते हो,  
लिखो देश-धरती के गीत जो तुम गाते हो,  
लिखो उस पर जिसे तुम इतना चाहते हो,  
कोई छंद लिखो अपने बारे में,  
एक शायरी ढूंढो चांद सितारे में,  
नीले पानी से लेकर लिखो तुम नीले आसमानों पर,  
लेख लिखो समाज, समस्या और समाधानों पर,  
एक जीवित तस्वीर बनाओ अल्फाजों की,  
लफ्जों से खेलो, महफिल बनाओ नए मिजाजों की,  
मत थामो तुम समुंद्र जैसे जज्बातों को,  
खुद में ही कैद मत रखो अपने खयालातों को,  
झिझक छोड़ो, तोड़ो संकोचों के तालों को,  
कागज पर उतारो खुद के ही ख्यालों को,

~आर्यमन पुरोहित  
(CSE तृतीय वर्ष)

### “हवाओं का क्या अंत होगा?”

कुछ दूर जाकर सड़कें खत्म हो जाती हैं,  
कुछ दूर बहकर नदियां भी संगम हो जाती हैं,  
ऊंचे से ऊंचे पर्वत भी कहां छू पाते हैं आसमान को,  
बादल कितना भी बरसे कहां तोड़ पाता है सिंधु के गुमान को,

शीत लहरों की ठंड से कब सूर्य जम पाया है,  
धरती पर उजाला कब हमेशा के लिए थम पाया है,  
झरने भी समाप्त होते हैं कितने भी ऊंचाई पर हो,  
सागरों का भी तल आता है भले कितनी भी गहराई पर हो,

रात की चांदनी भी तो कुछ पलों का नजारा है,  
सूरज के सामने चांद भी तो अपनी चमक हारा है,  
भूकंप भी कब सदा रहते आखिरकार रुक जाते हैं,  
बड़ी से बड़ी सुनामी के तेवर भी हारकर झुक जाते हैं,

इसीलिए अंत में बस इतना ही कहना है,  
कि आंधी नहीं ही सही पर सदा हवाओं सा ही बहना है,  
क्योंकि क्रांति न भी हो पर विचार का अस्तित्व अनंत होगा,  
आंधियां भले नहीं रहेंगी पर हवाओं का कहो क्या अंत होगा?

# Perspective & Ideas

## Unlocking Potential: The Power of Data Science in The Modern Era

Data Science is one of the emerging fields in the Tech Industry. Data Science is that branch of technology in which future predictions and valuable insights are made with the help of data, mathematics and statistics of the services used by netizens. In this rapidly developing world, whole world is getting created over the internet, which creates a bulk amount of data, and to handle this data, data science comes into the field.

An excellent data scientist requires the following skills:

- 1. Data visualization**
- 2. Data handling and processing**
- 3. Programming languages**
- 4. Database management**
- 5. Machine Learning**
- 6. Statistics and Mathematics**
- 7. Good communication**

Nowadays, the vast use of data science can be seen everywhere. Data science helps the company to provide the best and user-liked services by reviewing and analyzing the features and content being frequently consumed by the user. This can be explained from the following examples:

- Social media platforms like Instagram and Facebook show the similar types of reels in your feed which you frequently watch and like. Also, they start showing advertisements of the products you search on E-commerce websites (like Amazon etc.). This is done with the help of data science. Data scientists analyze the content you consume and services & products you like and then provide you with those services.
- OTT Platforms like Netflix show similar genre movies and series on their home page of which you watch most frequently.
- Music apps like Spotify provide you with the songs of your favorite music taste by analyzing the type of songs you listen the most.

With the great development in Artificial Intelligence (AI), Machine Learning (ML), and Technology, Data Science promises to provide a better future. In the upcoming era, it will become the most demanding job role in the whole industry. I also have set my way to become a data scientist in future.

*~Divyam Agarwal*

*(CSE 1st Year)*

# Perspective & Ideas

## The Art of Conceptual Illustrations

### What is conceptual illustration? And How to Make One (Stepwise)

Ah, conceptual illustration! It's not just a fancy phrase to throw around at parties (although it does sound cool, doesn't it?). It's the art of taking an idea, a thought, a message, or even a spark of inspiration and shaping it into a visual masterpiece that makes people go, "Whoa! Never thought of it that way."

But how does one go from a blank canvas to a design that screams creativity? Well, let me break it down for you in three simple steps:

**1. Find Your Big Idea:** Think of something that bugs you or excites you. Is it social media distractions? The rise of emotionless AI? Smoking's deadly consequences? Boom, you've got your concept.

**2. Choose Your Visuals:** What objects, symbols, or characters best bring your concept to life? Think creatively and pick elements that tell your story. This is the most important part of crafting your design.

**3. Polish with Colors and Details:** Take any tool like Adobe Illustrator, Inkscape, or whichever you're comfortable with, and begin bringing your imagined design to life.

### My Designs and Their Explanations

Alright, enough theory. Let's dive into my creations! Here are three conceptual illustrations I've designed. Each has its own vibe, message, and a bit of my quirky creative touch.

#### 1. Books Build Screens Slide

This design reflects the challenge of retaining knowledge from books amidst the constant distractions of social media.

- The books are the stairs leading to the top, representing the effortful climb of learning.
- The slide is a smartphone screen, symbolizing the irresistible pull of social media distractions like Instagram reels.



## Perspective & Ideas

Considering most of us are from a computer background who live on laptops, still I chose books as the metaphor for learning.

### 2. `Empathy.exe missing_`

Remember that iconic handshake of a human and a robot?

- A robotic hand and a human hand engage in a handshake. But wait, it's not friendly. The robot's thumb digs in, drawing blood.
- The title "`empathy.exe missing_`" says it all. Written in a nerdy coding font, it highlights the cold, unfeeling nature of AI.



# Perspective & Ideas

## 1.) SEE-SAW of DEATH

Smoking – a seesaw game you definitely don't want to play. Here's how I captured the grim tale:

- A cigarette acts as the seesaw, balancing between life (a happy guy) and death (a skeleton). Spoiler: Death's winning.
- The title "SEE-SAW of DEATH" uses fonts and colours that scream drama, with "DEATH" dripping ominously in deep red.



The design urges you to rethink lighting up that cigarette. Because let's face it, the skeleton always gets the last laugh.

### **Conclusion**

Creating conceptual illustrations isn't rocket science. It's about connecting ideas with visuals and, most importantly, having fun with the process. Each design I shared has a message, a story waiting to be told. So, next time an idea strikes, grab your paper (or screen) and start creating.

Remember, the best designs don't just look good—they make people think. Now go forth, explore your creativity, and share your ideas with the world through stunning designs!

*~Shreyash Jadhav*

*(IT 2nd Year)*

## *Achievements Galore*



*The 7th International Conference on Recent Trends in Image Processing and Image Recognition, successfully concluded at MIT Bhopal from December 19th to 20th.*

*Team MAD ASTRA of MIT Bhopal secured the first prize in the finals of SIH 2024.*



*Fourth year student of MIT Bhopal, Mr. Sambhav Dixit, became the first student from the college to be selected as a contributor at Google Summer Of Code.*



*IEEE MIT Bhopal SB won the Outstanding Emerging Student Branch Award in the IEEE India Council Awards 2024.*

## *Achievements Galore*

*Yet another breakthrough in the STH finals, as team Big O, secured the first prize in STH 2024 finals.*



*MoU signed between University Of South Dakota & IIT Bhopal to foster academic collaboration and research cooperation between the two institutions.*

*Pareeshi Paharia, a 2<sup>nd</sup> year student of IIT Bhopal, represented IEEE MP Section at IEEE SYWL 2024 Congress at Tokyo, Japan.*



# Events & Outreach

## Inter IIIT 2024

### Event Details:



The **Inter IIIT Sports Meet 2024 (ASMITA)**, hosted by **IIIT Allahabad** from **9<sup>th</sup> March to 12<sup>th</sup> March 2024**, was a grand celebration of athleticism and competitive spirit, bringing together participants from **25 IIITs** across the nation. The event featured an extensive range of **16 sports categories**, from **aquatics to squash**, providing a platform for students to excel in diverse disciplines. Representing IIIT Bhopal with pride and determination, a contingent of

**105 students** participated, comprising **80 boys and 25 girls**, making it one of the largest delegations sent by the institute to date.



The students put up commendable performances, displaying grit and perseverance throughout the competition. IIIT Bhopal secured **two bronze medals**, marking significant achievements on the national stage. Additionally, the institute advanced to the **quarterfinals in four sports**, showcasing the growing calibre and potential of its athletes.

### Overall Performance of IIIT Bhopal:

S. No.	Event	Achievement	Players
1	Squash (Boys)	Bronze	3
2	Athletics (Long Jump)	Bronze	1
3	Badminton (Boys)	Quarterfinals	4
4	Volleyball (Boys)	Quarterfinals	12
5	Tug of War (Boys)	Quarterfinals	8
6	Tug of War (Girls)	Quarterfinals	8

~Govind Mishra

*Sports Secretary (IT 3<sup>rd</sup> Year)*

## Events & Outreach

### Saluting the Tricolor: Independence Day at IIIT Bhopal (15-Aug-2024)



On the auspicious occasion of India's 78<sup>th</sup> Independence Day, a grand celebration was jointly organized by MANIT Bhopal and IIIT Bhopal in the sprawling courtyard of MANIT Bhopal. The event, marked by patriotic fervor, brought together dignitaries, faculty, and students to honor the sacrifices of freedom fighters and celebrate the nation's progress.

The ceremony commenced with the flag hoisting by Prof. Dr. Shailendra Jain, Officiating Director of MANIT, and Prof. Dr. Ashutosh Kumar Singh, Director of IIIT Bhopal, followed by the national anthem. Brief mentions of the NCC parade showcased patriotism and discipline, while the welcome address set a respectful tone for the occasion.

The cultural performances were the highlight of the event. IIIT Bhopal's Aarzo Cultural Club stole the spotlight with soul-stirring patriotic songs such as "Kadam Kadam Badaye Jaa," "Aye Watan Mere Watan," and "Rang De Basanti." A twin flute rendition of "Saare Jahan Se Achha" captivated the audience, drawing resounding applause.

Aarzo Club also presented a dramatic portrayal of Sagarmal Gopa, a lesser-known freedom fighter, leaving the audience deeply moved and earning a standing ovation. Traditional folk dances by MANIT and a thought-provoking street play emphasized the need for a balanced approach to technology.

The celebration concluded with a spirited group performance of patriotic songs and the NCC anthem, encapsulating the event's fervor and brushing a renewed sense of patriotism upon the attendees.

*~Yash Choukikar  
CSE 3<sup>rd</sup> Year  
Manan Gupta  
CSE 2<sup>nd</sup> Year*

## Corner For Alma Mater

### **Likhith Gopishetty(CSE Batch of 2024)**



*My journey at IIIT Bhopal has been transformative in ways beyond just academics. This institution nurtured my growth by offering a holistic environment that sharpened my intellect and broadened my perspectives. Through my involvement in the placement cell and GDSC, I honed essential communication and management skills that are invaluable for professional success. The vibrant campus culture encouraged me to step out of my comfort zone and embrace challenges with confidence. IIIT Bhopal became a foundation where I discovered my potential, developed resilience, and cultivated a vision for the future. It wasn't just a college; it was a mentor, a guide, and a launchpad for my aspirations. I will forever cherish the experiences and opportunities that shaped me into who I am today.*

### **Mohit Khairnar(ECE Batch of 2024)**



*As an alumnus of IIIT Bhopal, I can proudly say that the college was a hub of opportunities. It offered platforms like hackathons, competitions, and technical events that pushed us to innovate. Being part of key tech clubs allowed me to collaborate with like-minded peers. The guidance of seniors and the active alumni network were instrumental in shaping my journey. These experiences not only enriched my knowledge but also built connections that continue to impact my professional growth beyond academics.*

### **Tanav Bajaj(IT Batch of 2024)**



*My journey at IIIT Bhopal has been truly unforgettable. Beyond academics, being involved in various social activities enriched my college life and taught me invaluable lessons. The friendships I formed here, both with peers and juniors, are my most cherished treasures—true assets that go beyond the bounds of classrooms. IIIT Bhopal offered me not just education but a platform to grow as an individual. These memories and relationships will always hold a special place in my heart.*

## Corner For Alma Mater

### **Mitushi Agarwal(CSE Batch of 2024)**



*During my time at the Indian Institute of Information Technology, Bhopal, I explored competitive programming (C++, Java, Python) and web development (React.js, Node.js, MongoDB). These experiences laid the foundation for my professional career.*

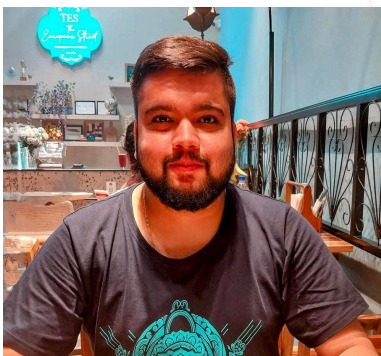
*During my internship at PayPal, I honed my skills in data structures, algorithms, and backend development, creating tools like a cookie ownership scanner that automated processes and improved privacy. My stint at Fundrev involved building APIs and crafting user-friendly interfaces, while at Compact Gyan, I integrated cutting-edge technologies like WhatsApp Business API and Socket.IO to optimize communication systems.*

*With a passion for innovation, I've completed impactful projects like ShoppieShop (e-commerce), BaatCheet (chat app), and Textify (text customization tool). Solving 600+ coding problems and achieving a global rank in competitive programming has been a proud milestone.*

*Currently, as a software development engineer at PayPal, I've explored mobile development, expanded my technical expertise, and learned the importance of teamwork and cross-functional collaboration. These lessons have been instrumental in shaping my professional and personal growth.*

*This journey has been about embracing challenges and continuous learning, and I'm excited for the path ahead.*

### **Shubhankar Sharma (ECE Batch of 2022)**



*As a graduate of the 2<sup>nd</sup> batch of IIIT Bhopal, I take immense pride in being part of an institute that has grown remarkably since its inception. Our batch played a key role in establishing the technological and growth-driven culture that now thrives among students.*

*My four years here were truly transformative. The institute honed my technical skills, instilled resilience, and prepared me to confidently navigate challenges. More importantly, it gave me lifelong friendships and a strong network of peers who continue to support and inspire me.*

*IIIT Bhopal is more than an academic institution—it's a community where talent meets opportunity, and ideas are nurtured into reality. I'm deeply grateful to the faculty, staff, and fellow students for shaping my journey and setting me on a path of growth.*

*As the institute evolves, I am confident it will continue to inspire innovation and excellence for years to come.*

## Corner For Alma Mater

### Aniket Arya (IT Batch Of 2023)



*Sharing the vibrant MANIT campus, IIIT Bhopal is steadily emerging as a hub of technical innovation. With courses in AI, Data Science, and Cybersecurity, the institute blends academic rigor with industry relevance.*

*Despite being in its developing phase, IIIT Bhopal has achieved notable placement records, with top recruiters recognizing its talent. With a focus on research, innovation, and skill development, the institute is shaping future leaders in technology and carving a path toward excellence.*

### Md. Arish (CSE Batch of 2024)



*I graduated from IIIT Bhopal as part of the 2<sup>nd</sup> batch to pass out. Our batch played a pivotal role in laying the foundations for the technological culture and growth mindset that now thrive among the students. I am immensely grateful for the four years I spent at the institute, especially for the incredible peers I had the privilege of meeting.*

*IIIT Bhopal transformed me into a resilient and independent individual, equipped with outstanding technical skills and the ability to navigate any challenge in life. Beyond academics, the institute gave me something truly invaluable—lifelong friendships. These connections remain strong to this day, and*

*we continue to support and inspire each other to grow.*

*The network I built during my time at IIIT Bhopal has become a cornerstone of my professional journey, especially as I navigate the challenges of building a startup. I am thankful for the unwavering support and camaraderie of my friends and peers, who are always there when I need them.*

# *Placement & Internship Overview*

## *From Lecture Halls to MNCs: My Journey to Amazon, ServiceNow, and PayPal*

It was the winter of 2021 when I stood at the crossroads of my academic journey, transitioning from school to college life. I had just cracked JEE and secured admission to the Indian Institute of Information Technology (IIIT) Bhopal. Like many others, I was filled with dreams and aspirations but unaware of the twists and turns that were laid ahead.

We were the “COVID batch”—a term that still evokes a mix of nostalgia and strangeness. Our first semester began online, with winter mornings that started at 10 a.m. and stretched into long, screen-filled days till 5 p.m. Despite the monotony of remote classes, these early days proved to be a foundation of camaraderie within our batch.

One of the unexpected perks of the virtual setting was our seniors. They hosted countless sessions, guiding us through managing academics, building resumes, preparing for contests and hackathons, and more. Their advice turned out to be gold, helping many of us navigate the overwhelming early days of college.

### **Discovering My Path**

In my first year, I dipped my toes into the world of coding and soon ventured into competitive programming. Could not forget the contest that we gave sitting together in online meets! Curious and eager, I explored various domains—from web development to machine learning, Flutter, and DevOps. Each field was a new adventure, but my interests kept shifting. I even completed a web development internship, only to find my heart wasn't in it. By the end of my college journey, I had settled into my true calling: backend developer, Java.

Interestingly, Java wasn't something I had ever studied before my internship at PayPal. This experience taught me a valuable lesson: be open to learning and embracing change, for adaptability is the real-world constant.

### **A Journey of Mentorship and Missed Opportunities**

My second year brought a proud milestone: being selected as a mentee for the LinkedIn CoachIn program, chosen among the top 50 candidates across India from a pool of 9,000 applicants. The mentorship provided me with insights into DSA, computer science fundamentals, and mock interview experiences, along with valuable professional guidance.

This mentorship paved the way for a dream opportunity—a summer internship at LinkedIn. But life had other plans. Unfortunately, I couldn't convert the opportunity, and the rejection hit hard. It was a period of self-doubt and stagnation, but I held on, knowing brighter days were ahead.

# *Placement & Internship Overview*

## **The Breakthrough Moments**

October of my third year brought a ray of hope with an email from ServiceNow about their summer internship program. Around the same time, PayPal visited our campus. I gave my all to both their online assessments and awaited the next steps.

PayPal's selection criteria seemed daunting, with CGPA being a significant factor. Thankfully, I had managed to maintain a CGPA above 9, a feat I partly credit to online classes. I was among the 10 students shortlisted for interviews.

And then came the day of reckoning: interviews for both companies were scheduled on the same day. It was a grueling six hours of back-to-back interviews, but the cooperation of company HRs and God's blessings made it manageable.

On November 27, 2023, I received the selection email from ServiceNow. Two weeks later, on December 10, 2023, PayPal followed suit. The dual success felt surreal, especially after facing rejections like the one from Intuit one month back.

## **Life as a PayPal Intern**

Interning at PayPal was an enriching experience, blending work with moments of fun, laughter, and even sports—something I hadn't indulged in for over six years. The corporate world felt like an entirely new chapter, challenging yet exciting in its own way.

In the final month of my internship, another opportunity knocked on my door. I received an email from Amazon about their six-month internship program. Since PayPal didn't offer six-month internships, I decided to give Amazon a shot.

The process involved two rigorous online assessments and an interview, and the result was worth it: I secured the position. This was an opportunity I had unknowingly laid the groundwork for two years ago by registering for the Amazon WOW program. Attending those random sessions by Amazon professionals had finally paid off.

## **Looking Back, Moving Forward**

From a novice coder to a backend developer, my journey has been a rollercoaster of highs and lows. Along the way, I've learned to embrace change, trust the process, and cherish the people who stand by you.

Today, as I reflect on this path—from LinkedIn to ServiceNow, PayPal, and Amazon—I'm filled with gratitude for every experience and lesson. These aren't just achievements; they're stepping stones that have shaped the person I am today.

So, let's embrace challenges, maintain curiosity, and maintain the belief that brighter days always follow the dark ones.

*~ Shreem Asati, CSE, Final year*

# *Placement & Internship Overview*

## *Internship @ Atlassian with A Pre-Placement Offer.*

Securing an internship at Atlassian was a defining moment in my academic journey. The process, though challenging, was an incredible learning experience in itself. It required not just technical preparation but also a clear understanding of problem-solving, communication, and the ability to showcase projects effectively. I believe the key to landing such opportunities lies in consistent effort—building strong fundamentals in coding, contributing to impactful projects, and staying updated with industry trends. Taking part in hackathons and being active in the developer community also helps in building a strong profile and network.

The internship experience was truly transformative. Atlassian's open and collaborative culture provided a platform to learn from talented professionals and to explore practical, real-world applications of the skills I had developed. It taught me the importance of teamwork, adaptability, and the value of continuous feedback in improving as a professional. At the end of the internship, I was thrilled to receive a Pre-Placement Offer (PPO) for a full-time role. I am incredibly grateful to IIIT Bhopal for fostering a learning environment that encouraged me to aim high and for equipping me with the skills to pursue such opportunities.

*~Arya Sharma, ECE, Final Year*

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## Editorial Column

### राष्ट्रीय प्रगति का चालक, नेशनल क्वांटम मिशन

19 अप्रैल 2023 को, कैबिनेट ने राष्ट्रीय क्वांटम मिशन (एनक्यूएम) के लिए फंड को मंजूरी दे दी है, जो भारत सरकार द्वारा शुरू किया गया एक महत्वाकांक्षी कार्यक्रम है, जिसमें भारत के वैज्ञानिक परिदृश्य को बदलने और इसकी आर्थिक वृद्धि और वैश्विक प्रतिस्पर्धात्मकता में योगदान देना है। इसके लिए लगभग 6000 करोड़ रुपये का फंड. वर्ष 2023 से 2031 के लिए दिए गए हैं। एनक्यूएम का उद्देश्य क्वांटम प्रौद्योगिकी के क्षेत्र में स्वदेशी विशेषज्ञता विकसित करना है जिसमें स्वास्थ्य सेवा से लेकर राष्ट्रीय सुरक्षा तक शामिल है। इस मिशन मोड परियोजना में विश्व स्तरीय अनुसंधान और विकास सुविधाओं का एक नेटवर्क बनाने की क्षमता है, जो अत्याधुनिक अनुसंधान और नवाचार के केंद्र के रूप में काम करेगा। ये सुविधाएं भारतीय शोधकर्ताओं और वैज्ञानिकों को अपने अंतरराष्ट्रीय समकक्षों के साथ सहयोग करने और उनकी विशेषज्ञता और संसाधनों का लाभ उठाने में सक्षम बनाएंगी। चलिए समझते हैं कि क्वांटम क्या है।

हाल के वर्षों में, भारत ने क्वांटम अनुसंधान में बढ़ती रुचि दिखाई है, सरकार ने तीन साल पहले 2020 में क्वांटम प्रौद्योगिकियों और अनुप्रयोगों पर राष्ट्रीय मिशन शुरू किया था। इस पहल का उद्देश्य भारत को क्वांटम प्रौद्योगिकियों के क्षेत्र में अग्रणी देशों में स्थान दिलाना है। भारत में क्वांटम अनुसंधान के विकास से देश पर कई सकारात्मक प्रभाव पड़ सकते हैं। सबसे पहले, इससे नई प्रौद्योगिकियों और उद्योगों का विकास हो सकता है, जो आर्थिक विकास और रोजगार सृजन में योगदान दे सकता है। उदाहरण के लिए, क्वांटम कंप्यूटिंग उन जटिल समस्याओं को हल करने में मदद कर सकती है जो शास्त्रीय कंप्यूटरों की क्षमताओं से परे हैं, जिससे दवा खोज और मौसम पूर्वानुमान जैसे क्षेत्रों में सफलताएं मिल सकती हैं। और, क्वांटम अनुसंधान से संचार और सुरक्षा के क्षेत्र में प्रगति हो सकती है। क्वांटम संचार सूचना प्रसारित करने का एक सुरक्षित तरीका प्रदान कर

क्वांटम अनुसंधान से तात्पर्य क्वांटम प्रणालियों के व्यवहार और गुणों के अध्ययन और अन्वेषण से है, जो ब्रह्मांड के मूलभूत निर्माण खंड हैं। क्वांटम प्रणालियों की विशेषता उनके अनूठे गुणों, जैसे सुपरपोज़िशन और उलझाव, से होती है, जो हमारे दैनिक जीवन में सामने आने वाली शास्त्रीय प्रणालियों से भिन्न हैं। क्वांटम अनुसंधान विभिन्न प्रकार के विषयों तक फैला हुआ है, जिनमें क्वांटम यांत्रिकी, कंप्यूटर, क्रिप्टोग्राफी और संचार शामिल हैं, लेकिन इन्हीं तक सीमित नहीं हैं। क्वांटम प्रणालियों के व्यवहार की जांच करने और उन पर आधारित नई प्रौद्योगिकियां बनाने के लिए, इस विषय के शोधकर्ता अत्याधुनिक गणितीय और कम्प्यूटेशनल उपकरणों का उपयोग करते हैं। उदाहरण के लिए, क्वांटम कंप्यूटर पारंपरिक कंप्यूटरों की तुलना में कहीं अधिक तेजी से मुद्दों को हल कर सकते हैं, जिसके परिणामस्वरूप दवा खोज और अनुकूलन जैसे क्षेत्रों में प्रगति हुई है। क्वांटम अनुसंधान में क्वांटम प्रणालियों का अध्ययन और हेरफेर शामिल है, जो ब्रह्मांड के मूलभूत निर्माण खंड हैं।

सकता है, जबकि क्वांटम क्रिप्टोग्राफी यह सुनिश्चित कर सकती है कि डेटा साइबर हमलों से सुरक्षित है। अंत में, भारत में क्वांटम अनुसंधान के विकास से अन्य देशों और संगठनों के साथ सहयोग हो सकता है, जो ज्ञान के आदान-प्रदान और अंतरराष्ट्रीय साझेदारी को बढ़ावा दे सकता है। निष्कर्षतः, भारत में क्वांटम अनुसंधान के विकास से नई प्रौद्योगिकियों के विकास से लेकर संचार और सुरक्षा में प्रगति तक कई सकारात्मक प्रभाव पड़ सकते हैं। यह एक आशाजनक क्षेत्र है जो देश के समग्र विकास में योगदान दे सकता है।

स्वास्थ्य देखभाल, ऊर्जा, वित्त और संचार सहित विभिन्न क्षेत्रों में तकनीकी प्रगति को क्वांटम अनुसंधान द्वारा बढ़ावा दिया जा सकता है। हाल के वर्षों में क्वांटम अनुसंधान में बढ़ती रुचि की वैश्विक प्रवृत्ति से भारत भी अछूता नहीं है।

## Editorial Column

भारत सरकार ने क्वांटम प्रौद्योगिकी और अनुसंधान में देश की उल्लेखनीय प्रगति को स्वीकार किया है, जिसमें आर्थिक विकास को गति देने और देश की कुछ सामाजिक आर्थिक समस्याओं से निपटने की क्षमता है। यहां कुछ तरीके दिए गए हैं जिनसे क्वांटम अनुसंधान भारत के विकास की दिशा में एक महत्वपूर्ण कदम है:

**1. प्रौद्योगिकी विकास:** क्वांटम अनुसंधान से क्वांटम कंप्यूटर, क्वांटम संचार और क्वांटम सेंसर जैसी नई तकनीकों का विकास हो सकता है। इन तकनीकों का उपयोग उन जटिल समस्याओं को हल करने के लिए किया जा सकता है जो शास्त्रीय कंप्यूटरों की क्षमताओं से परे हैं। इन प्रौद्योगिकियों के विकास से उच्च तकनीक उद्योगों का विकास हो सकता है और रोजगार के नए अवसर पैदा हो सकते हैं।

**2. प्रतिस्पर्धात्मक लाभ:** क्वांटम अनुसंधान और प्रौद्योगिकी में भारत का निवेश देश को वैश्विक अर्थव्यवस्था में प्रतिस्पर्धात्मक लाभ दे सकता है। इस क्षेत्र में भारत की विशेषज्ञता विदेशी निवेश और अंतरराष्ट्रीय शोधकर्ताओं और संस्थानों के साथ सहयोग को आकर्षित कर सकती है।

**3. स्वास्थ्य देखभाल:** क्वांटम अनुसंधान में बीमारियों के तेज और अधिक सटीक निदान और उपचार को सक्षम करके स्वास्थ्य सेवा में क्रांति लाने की क्षमता है। उदाहरण के लिए, क्वांटम सेंसर का उपयोग जैव अणुओं का पता लगाने के लिए किया जा सकता है और क्वांटम कंप्यूटिंग का उपयोग जटिल जैविक प्रणालियों के व्यवहार का अनुकरण करने के लिए किया जा सकता है। इससे नई दवाओं और उपचारों का विकास हो सकता है, जिससे भारत में लोगों के जीवन की गुणवत्ता में सुधार हो सकता है।

**4. सुरक्षा:** क्वांटम संचार तकनीक सुरक्षित संचार चैनल प्रदान कर सकती है जिन्हें हैक करना या रोकना असंभव है। यह विशेष रूप से रक्षा और सुरक्षा क्षेत्र में फायदेमंद हो सकता है, जहां संवेदनशील जानकारी को संरक्षित करने की आवश्यकता होती है। कुल मिलाकर, क्वांटम अनुसंधान भारत के आर्थिक और सामाजिक विकास में महत्वपूर्ण योगदान दे सकता है। क्वांटम अनुसंधान में निवेश करने से

भारत के लिए नए अवसर पैदा हो सकते हैं और देश इस क्षेत्र में अग्रणी बन सकता है।

भारत ने हाल के वर्षों में क्वांटम अनुसंधान में महत्वपूर्ण योगदान दिया है। भारत में सरकार, अनुसंधान संस्थान और निजी कंपनियां नवाचार को बढ़ावा देने और आर्थिक विकास के नए अवसर पैदा करने के लिए क्वांटम प्रौद्योगिकी अनुसंधान और विकास में निवेश कर रही हैं। क्वांटम अनुसंधान की दिशा में भारत के कुछ उल्लेखनीय योगदान इस प्रकार हैं:

**1. मौलिक अनुसंधान:** भारतीय शोधकर्ताओं ने क्वांटम भौतिकी के क्षेत्र में महत्वपूर्ण योगदान दिया है, जो क्वांटम प्रौद्योगिकी की नींव है। भारतीय भौतिक विज्ञानी, जैसे सत्येन्द्र नाथ बोस और सी.वी. रमन ने क्वांटम यांत्रिकी के क्षेत्र में महत्वपूर्ण योगदान दिया है, जिसमें बोस-आइंस्टीन कंडेनसेट और रमन प्रभाव की खोज भी शामिल है।

**2. क्वांटम संचार:** भारतीय शोधकर्ताओं ने क्वांटम संचार प्रौद्योगिकी के विकास में महत्वपूर्ण योगदान दिया है। बेंगलुरु में भारतीय विज्ञान संस्थान (आईआईएससी) के शोधकर्ताओं ने एक कम लागत वाली, उच्च गति वाली क्वांटम कुंजी वितरण (क्यूकेडी) प्रणाली विकसित की है जिसका उपयोग संचार चैनलों को सुरक्षित करने के लिए किया जा सकता है।

**3. क्वांटम कंप्यूटिंग:** भारतीय शोधकर्ता भी क्वांटम कंप्यूटिंग के विकास में महत्वपूर्ण योगदान दे रहे हैं। टाटा इंस्टीट्यूट ऑफ फंडामेंटल रिसर्च (टीआईएफआर) के शोधकर्ताओं ने सुपरकंडक्टिंग क्वैबिट पर आधारित एक क्वांटम प्रोसेसर विकसित किया है, जो क्वांटम कंप्यूटर का एक प्रमुख घटक है।

**4. क्वांटम सामग्री:** भारतीय शोधकर्ता अद्वितीय क्वांटम गुणों वाली नई सामग्रियों के विकास पर भी काम कर रहे हैं। भारतीय प्रौद्योगिकी संस्थान (आईआईटी) कानपुर के शोधकर्ताओं ने टंगस्टन डिटेल्फ्यूराइड नामक एक नई सामग्री विकसित की है, जो अद्वितीय क्वांटम गुण प्रदर्शित करती है जिसका उपयोग क्वांटम कंप्यूटिंग सहित विभिन्न अनुप्रयोगों में किया जा सकता है।

## Editorial Column

**5. सरकारी पहल:** भारत सरकार ने देश में क्वांटम अनुसंधान का समर्थन करने के लिए कई पहल शुरू की हैं, जिसमें राष्ट्रीय क्वांटम मिशन (एनक्यूएम) भी शामिल है, जिसका उद्देश्य भारत में क्वांटम प्रौद्योगिकी के विकास में तेजी लाना है। कुछ निजी विश्वविद्यालयों सहित रमन रिसर्च इंस्टीट्यूट (आरआरआई), बैंगलोर, आईआईएससी बैंगलोर, आईआईटीके, टीआईएफआर जैसे संस्थान क्वांटम अनुसंधान के लिए महत्वपूर्ण भूमिका निभा रहे हैं। क्वांटम अनुसंधान में भारत का योगदान महत्वपूर्ण है और देश आने वाले वर्षों में क्वांटम प्रौद्योगिकी के क्षेत्र में एक प्रमुख खिलाड़ी बनने की ओर अग्रसर है।

राष्ट्रीय क्वांटम मिशन (एनक्यूएम)

राष्ट्रीय क्वांटम मिशन (एनक्यूएम) देश में क्वांटम प्रौद्योगिकी के विकास में तेजी लाने के लिए 2020 में भारत सरकार द्वारा शुरू किया गया एक कार्यक्रम है। इस मिशन का उद्देश्य भारत में क्वांटम प्रौद्योगिकी अनुसंधान, विकास और व्यावसायीकरण के लिए एक जीवंत पारिस्थितिकी तंत्र बनाना है। एनक्यूएम इंटरडिसिप्लिनरी साइबर-फिजिकल सिस्टम्स (एनएम-आईसीपीएस) कार्यक्रम पर बड़े राष्ट्रीय मिशन का एक हिस्सा है, जो कृत्रिम बुद्धिमत्ता, रोबोटिक्स और क्वांटम प्रौद्योगिकी जैसी उन्नत प्रौद्योगिकियों पर केंद्रित है।

अध्ययन के इस क्षेत्र में किया गया निवेश न केवल विज्ञान और प्रौद्योगिकी की प्रगति के लिए महत्वपूर्ण है, बल्कि इसमें समाज को महत्वपूर्ण लाभ पहुंचाने की भी क्षमता है। क्वांटम यांत्रिकी के क्षेत्र में किए जा रहे अभूतपूर्व शोध में कंप्यूटिंग, सेंसिंग, संचार और सामग्री विज्ञान जैसे क्षेत्रों को बदलने की क्षमता है। इन प्रगतियों में स्वास्थ्य देखभाल में सुधार से लेकर ब्रह्मांड के बारे में हमारी समझ को बढ़ाने तक, अनगिनत तरीकों से हमारे समाज को लाभ पहुंचाने की क्षमता है।

एनक्यूएम के लिए वित्त पोषण विज्ञान और प्रौद्योगिकी विभाग, परमाणु ऊर्जा विभाग और इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी विभाग सहित विभिन्न सरकारी एजेंसियों

द्वारा प्रदान किया जा रहा है। निजी कंपनियों और अनुसंधान संस्थानों से भी मिशन के वित्तपोषण में योगदान की उम्मीद की जाती है। राष्ट्रीय क्वांटम मिशन (एनक्यूएम) देश में क्वांटम प्रौद्योगिकी के विकास में तेजी लाने के लिए भारत सरकार की पांच साल की पहल है। मिशन की कुल लागत रुपये होने का अनुमान है। 8,000 करोड़ (लगभग \$1.1 बिलियन)। एनक्यूएम ने अगले पांच वर्षों के भीतर भारत में एक कार्यात्मक क्वांटम कंप्यूटर प्रोटोटाइप विकसित करने का लक्ष्य रखा है। दुनिया भर में क्वांटम प्रौद्योगिकी अनुसंधान की वर्तमान स्थिति को देखते हुए यह एक महत्वाकांक्षी लक्ष्य है। हालाँकि, सरकार ने मिशन का समर्थन करने के लिए महत्वपूर्ण संसाधन प्रतिबद्ध किए हैं, जिसमें पाँच वर्षों की अवधि में 8,000 करोड़ रुपये (\$1.1 बिलियन) का बजट भी शामिल है।

राष्ट्रीय क्वांटम मिशन (एनक्यूएम) ने भारत में क्वांटम प्रौद्योगिकी के विकास में तेजी लाने के लिए फोकस के चार व्यापक क्षेत्रों की पहचान की है। ये क्षेत्र हैं:

**1. क्वांटम संचार:** मिशन का लक्ष्य क्वांटम कुंजी वितरण (क्यूकेडी) तकनीक पर आधारित सुरक्षित संचार चैनल विकसित करना है। क्यूकेडी एक ऐसी तकनीक है जो दो पक्षों के बीच सुरक्षित संचार को सक्षम करने के लिए क्वांटम यांत्रिकी के नियमों का उपयोग करती है।

**2. क्वांटम कंप्यूटिंग:** मिशन का लक्ष्य तेज और अधिक कुशल गणना को सक्षम करने के लिए क्वांटम हार्डवेयर, सॉफ्टवेयर और एल्गोरिदम विकसित करना है। क्वांटम कंप्यूटिंग में उन जटिल समस्याओं को हल करने की क्षमता है जो शास्त्रीय कंप्यूटर की क्षमताओं से परे हैं।

**3. क्वांटम सेंसिंग और मेट्रोलॉजी:** मिशन का लक्ष्य स्वास्थ्य देखभाल, रक्षा और अन्य क्षेत्रों में अनुप्रयोगों के लिए क्वांटम प्रौद्योगिकी पर आधारित सेंसर और माप उपकरण विकसित करना है। क्वांटम सेंसर में अभूतपूर्व सटीकता के साथ भौतिक मात्राओं का पता लगाने और मापने की क्षमता है।

**4. क्वांटम सामग्री:** मिशन का लक्ष्य अद्वितीय क्वांटम गुणों वाली नई सामग्री विकसित करना है जिसका उपयोग क्वांटम

## Editorial Column

कंप्यूटिंग, सेंसिंग और संचार सहित विभिन्न अनुप्रयोगों में किया जा सकता है। क्वांटम सामग्रियों में नई प्रौद्योगिकियों के विकास को सक्षम करके कई उद्योगों में क्रांति लाने की क्षमता है।

एनक्यूएम ने अगले पांच वर्षों के भीतर भारत में एक कार्यात्मक क्वांटम कंप्यूटर प्रोटोटाइप विकसित करने का लक्ष्य रखा है। इस लक्ष्य को प्राप्त करने के लिए, मिशन देश में क्वांटम प्रौद्योगिकी अनुसंधान और विकास के लिए एक मजबूत पारिस्थितिकी तंत्र के निर्माण पर केंद्रित है, जिसमें शिक्षा, उद्योग और सरकारी संगठनों के बीच सहयोग शामिल है। इस मिशन से कुशल शोधकर्ताओं और इंजीनियरों का एक समूह तैयार होने की उम्मीद है जो भारत में क्वांटम प्रौद्योगिकी में नवाचार को बढ़ावा दे सकते हैं।

एनक्यूएम में आर्थिक विकास से लेकर वैज्ञानिक खोज तक, समाज को महत्वपूर्ण लाभ पहुंचाने की क्षमता है। अनुसंधान के इस महत्वपूर्ण क्षेत्र में निवेश करके, देश खुद को नवाचार में सबसे आगे रख सकते हैं और सभी के लिए एक उज्ज्वल भविष्य का निर्माण कर सकते हैं। इसके कई फायदे हैं जिनसे समाज और वैज्ञानिक समुदाय दोनों को फायदा हो सकता है। इनमें से कुछ फायदों में शामिल हैं:

**1. तकनीकी प्रगति:** एनक्यूएम कंप्यूटिंग, संचार, सेंसिंग और सामग्री विज्ञान सहित विभिन्न क्षेत्रों में तकनीकी प्रगति को जन्म दे सकता है। ये प्रगति समाज पर महत्वपूर्ण प्रभाव डाल सकती है, स्वास्थ्य देखभाल, परिवहन और ऊर्जा उत्पादन सहित अन्य क्षेत्रों में सुधार कर सकती है।

**2. आर्थिक विकास:** एनक्यूएम में नए उद्योग और नौकरियां पैदा करने की क्षमता है, साथ ही मौजूदा उद्योगों के विकास में योगदान करने की भी क्षमता है। नई प्रौद्योगिकियों और अनुप्रयोगों के विकास से आर्थिक गतिविधि और समृद्धि में वृद्धि हो सकती है।

**3. राष्ट्रीय सुरक्षा:** क्वांटम तकनीक का उपयोग अधिक सुरक्षित संचार चैनल और एन्क्रिप्शन विधियों को विकसित

करने के लिए किया जा सकता है। यह संवेदनशील जानकारी को साइबर हमलों और जासूसी से बचाकर राष्ट्रीय सुरक्षा को बढ़ा सकता है।

**4. वैज्ञानिक खोज:** एनक्यूएम क्वांटम यांत्रिकी के मूलभूत सिद्धांतों की हमारी समझ में योगदान दे सकता है, साथ ही हमें ब्रह्मांड के रहस्यों का पता लगाने में भी मदद कर सकता है। इससे वैज्ञानिक सफलताएं और खोजें हो सकती हैं जिनका विभिन्न क्षेत्रों में व्यावहारिक अनुप्रयोग हो सकता है।

**5. अंतर्राष्ट्रीय प्रतिस्पर्धात्मकता:** एनक्यूएम में निवेश करने से किसी देश को विज्ञान और प्रौद्योगिकी में अग्रणी के रूप में अपनी स्थिति बनाए रखने में मदद मिल सकती है। यह दुनिया भर के प्रतिभाशाली शोधकर्ताओं और वैज्ञानिकों को आकर्षित कर सकता है, साथ ही अनुसंधान को आगे बढ़ाने के लिए अन्य देशों के साथ सहयोग को प्रोत्साहित कर सकता है।

राष्ट्रीय क्वांटम मिशन का उद्देश्य प्रतिभाशाली शोधकर्ताओं और वैज्ञानिकों को अनुकूल अनुसंधान वातावरण और अत्याधुनिक सुविधाएं प्रदान करके भारत में आकर्षित करना और बनाए रखना है। इससे हाल के वर्षों में भारत द्वारा अनुभव किए जा रहे प्रतिभा पलायन को रोकने में मदद मिलेगी और यह सुनिश्चित होगा कि देश वैज्ञानिक नवाचार में सबसे आगे बना रहे।

**निष्कर्षतः** राष्ट्रीय क्वांटम मिशन एक साहसिक और दूरदर्शी पहल है जिसमें भारत को वैज्ञानिक और तकनीकी उत्कृष्टता की नई ऊंचाइयों तक ले जाने की क्षमता है। अनुसंधान के इस महत्वपूर्ण क्षेत्र में निवेश करके, भारत आर्थिक विकास के नए अवसरों को खोल सकता है और अपने सभी नागरिकों के लिए एक उज्ज्वल भविष्य का निर्माण कर सकता है।

अध्ययन के इस महत्वपूर्ण क्षेत्र में सरकार का निवेश, विज्ञान और प्रौद्योगिकी की सीमाओं को आगे बढ़ाने की प्रतिबद्धता और सभी के लिए बेहतर भविष्य के निर्माण के प्रति समर्पण का प्रमाण है।

गौरव कुमार भारती,  
सहायक प्राध्यापक, ECE विभाग

# Editorial Column

## Gender Equality

The simple meaning of the term "gender equality" is "equality of the sexes." To establish the notion of gender equality in the truest manner, we must collectively vouch for any idea that promotes equality, but due to bias in media narratives and the traditional conventions of a patriarchal system, the umbrella term "gender equality" has been narrowed down to only female empowerment. When we say gender equality, we mean the upliftment of only the female population. Any narrative about gender equality has always been centralised on how we can portray, women in general as the victims of atrocities and men as the perpetrators or causes of those atrocities. However, this portrayal has an inherent bias to it. This biased portrayal stems from generations of patriarchy and the toxic masculine culture that has consecutively emerged from it. How hard it is to believe that sometimes, though not very often, it can be men who can be the victims too. As per a survey conducted in rural parts of Haryana, out of 1000 men aged between 21 and 49, one out of 10 experienced domestic violence from their partners. [Source: TOI]. This research is indicative of the fact that it can be both men and women who can face the brunt of gender-based violence in our society. Speaking in judicial terms, as per section 498A of the IPC, a man can only be held liable for violence against their partner, but sadly no provision in this entire section guarantees the other way around.

There is no denying that the frequency of cases of violence against women is in larger numbers, but still, it does not hold any reasonable ground as to why there is no law for the protection of men against gender violence. If we want to fight for the cause of gender equality, then why not fight for the rights of men and women in a very proportionate manner? This will ensure that all victims' voices, regardless of gender, are heard and acted on equally. The truest form of gender equality can only be achieved when we treat men and women as equals, and the law ensures that gender-neutral policies are implemented. As per a ruling in 2014, the honourable Supreme Court of India established that the people belonging to the transgender community will be given the status of the third gender in our country. It has been ten years since then, but still, the people from the third gender have limited access to education, healthcare, and jobs. To date, the third-gender community continues to face discrimination and harassment in society.

We need to raise the question that if gender equality is the idea of considering all genders equal, then why are the people of the third gender still left behind? Why is it that there is zero dialogue about advocating the rights of men? These questions remain unanswered, even when we are amid a wave of self-awareness and liberalization, put forward by social media and the internet. In the end, I would just like to say that let us commit to the cause of gender equality without sticking to a unilateral narrative. We are in this together.

~Agam  
Magazine Editor

## Editorial Column

### "How Pop Culture Erases Gen Z's Identity"

Do you remember your childhood? Do you remember the movies you watched? The music you listened to? And the experiences you took part in? I believe pop culture is showing signs of decline in recent years. The landscape that once thrived on innovation and rapid change now appears to be faltering under the weight of the “one size fits all” approach and a lack of genuine creativity. Children are more exposed to popular culture now than in the past, but the topic is not necessarily black and white. While the media is constantly blamed for the so-called “corruption of adolescents” today, parents do still have some control. We have entered an era of exuberant, even apocalyptic, bad taste. Call it an “*vibe shift*” if you must. Certainly, there is a youthful element to this bad-taste renaissance. But what we’re witnessing goes far beyond cool teens and the extremely online to encompass anyone with free time, disposable income, and internet access. Bad taste can be tough to define, because standards are changing all the time. The upshot of taking mass culture seriously has been a growing awareness that much of what we call *good taste* is merely an aesthetic like any other. “Unless you have a thing for white-power anthems, the claim now goes, there is no reason ever to feel guilty or ashamed about what you like”.

Yet every isolating side effect of the culture has more profoundly affected a broader swath of the population than any twinge of nostalgia could. *Antidepressant* prescriptions spiked in 2020. Streaming exploded as we self-medicated with content. By the time most people started easing back into life outside our living rooms, numbness and entertainment overload had become pandemics unto themselves. We hadn’t *done* anything in a long span of time, but it felt as though we’d *seen* everything.

~Chirag Prasad  
Content Writer

## Art Gallery



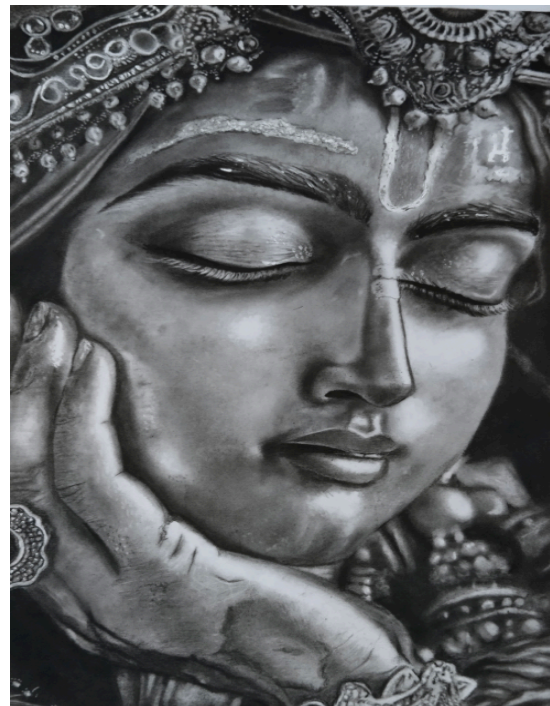
“Unity holds true power”



“Burning Flame of Unfulfilled Dreams”



“Confinement by the Inward Eye”



"Divine melody, eternal love."

*~Mayank Verma ECE 2nd Year*



“Wanderlust ~Food For the Soul”  
~Anshdeep Chaurasia ECE 1st year



"Flames, Fury, and Vengeance"  
~Naitik Madarwal 2nd Year



"The future belongs to those who believe in the beauty of their dreams."

- Eleanor Roosevelt

"Education is the most powerful weapon which you can use to change the world."

- Nelson Mandela



"This magazine is a reflection of the vibrant spirit of our college community. A heartfelt thank you to everyone who contributed their time, creativity, and effort to make this edition a success."

