BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING NEW DELHI

EUREKA

2022-2023

Bharati Vidyapeeth's College of Engineering, New Delhi proudly celebrates 25 years of academic excellence since its establishment in 1999. The college started with just three B. Tech programs (CSE, ECE, IT) having 180 students, has now expanded to offer five programs (CSE, ECE, IT, EEE, ICE) with 540 students. Four of these programs have earned NBA accreditation. Our dedicated students have excelled academically and represented the college at the national and international levels, earning accolades and many prestigious awards. Some of the students have received awards from the Presidents and the Prime Ministers of India. Notably, our alumni have served as the Ministers, IAS/IPS officers, and have held various top positions in government and private organizations across the globe. The teaching staff, the backbone of the college's progress, has continuously ignited the passion for learning, research and innovation. More than 3000 research papers, 16 granted patents and 8 Government projects are to their credit. Our campus has evolved into a vibrant centre for learning, nurturing holistic development through facilities such as 30 student chapters, an incubation cell, an IPR cell and a higher study cell, etc. The college extends heartfelt thanks to everyone who has been part of this journey, from the founders to administrators, alumni, dedicated teachers, talented students, and loyal supporters.

FOREWORD

Dear Readers,

I am proud to say that the college annual magazine "EUREKA" is an outcome of hard work of credential people. It is heartily annunciation that our college has a treasure of versatile people who have acute acumen to bring forth prevalent issues of the society. I do believe that the readers would be invigorated after going through these articles that strike a propinquity in dealing with sensitive and unique subjects.

I thank to all contributors for their meritorious and sincere efforts to bring out the magazine into a new shape. Indebted gratitude must be shown to the management for their encouragement and co-operation that has rendered a successful completion to the annual volume.

Hence, once again I congratulate all participants for their writing efforts; helpful in uplifting the thought process of the young generation.

Prof. Dharmender Saini
Principal
Bharati Vidyapeeth's College
of Engineering, New Delhi

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Hon'ble Dr. Patangrao Kadam
Founder
Bharati Vidyapeeth, Pune

MESSAGE FROM THE SECRETARY

Bharati Vidyapeeth's College of Engineering has steadily been in the pursuit of its objective of achieving excellence in technical education, leadership and career excellence. This pursuit is backed strongly by initiatives like the biennial college magazine Eureka'23.

The sections included in the magazine cover all the aspects of education and character building, giving a platform for all the young minds of the college to put forth their views and ideas. With inputs from our valued faculty and cherished alumni, the magazine proves to be great source of entertainment and learning.

I hope Eureka imparts some new ideas and viewpoints!

Dr. Vishwajeet Kadam
Secretary
Bharati Vidyapeeth, Pune

MESSAGE FROM THE PRINCIPAL

I congratulate the team of students and teachers whose precious efforts have made this edition of EUREKA'23 accessible to us. It gives me immense pleasure to experience the warmness of this literary tradition in resonance with the glorious past of the institution. Rhyming with the change that is the law of nature, the magazine portrays the trajectory of transformation achieved in different spheres. I feel privileged to be a part of this reputed temple of learning that firmly resolves to provide support to academic events and publications of literary writings.

I wish we will scale greater heights with the active participation of students and staff members of the institution.

Prof. Dharmender Saini
Principal
Bharati Vidyapeeth's College
of Engineering, New Delhi

MESSAGE FROM EDITOR-IN-CHIEF

"Education is not the learning of facts but the training of the minds to think", said Albert Einstein. In unison with the harmonious blending of ideas, I feel honored to be associated with the team of magazine committee including teachers of different departments and students from various streams who collaboratively have put extra feathers in the cap of EUREKA. The different voices from this platform made the presence of this effort feel far and wide.

Thanks to honorable principal Prof. Dharmender Saini for his timely guidance, dear colleagues and students who have contributed significantly in making this effort fruitful.

Dr. Kaushal Sharma
Editor-In-Chief
Bharati Vidyapeeth's College
of Engineering, New Delhi

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MESSAGE FROM THE EDITORIAL TEAM

"The essence of the independent mind lies not in what it thinks, but in how it thinks", said Christopher Hitchens. We feel honoured to be associated with the team behind Eureka'24, where both students and teachers have worked tirelessly to bundle up the precious voices and opinions of the members of the Bharati Vidyapeeth community. We hope that the essence of Eureka'24 reverberates with our readers and inspires them in any possible way.

We would like to express our gratitude to all the writers who contributed through their work and made this effort feel far and wide.

It has been a pleasure compiling this magazine for all of us on the editorial board. It is likely that you will have a burning desire for more after reading this magazine.

Furthermore, we would like to express our sincere thanks to the faculty coordinators for the immense amount of work they put into this publication and gave us the golden opportunity to be a part of this wonderful magazine. Happy Reading! With best wishes to everyone

The Editorial Team, Eureka'24

MESSAGE FROM THE DESIGN TEAM

It is an extremely proud moment to put forth Eureka'24, a collection of literary works from the members of the Bharati Vidyapeeth family. I have always found digital and print media as great means to convey various ideas. Being an engineering student at BVCOE, along with donning the hat of the chief designer of Eureka'24, it has helped me to put this perception into action. The entire editorial team has worked daily to bring an honest portrait and mosaics while keeping the target audience in mind.

Learning is indeed a lifelong process, and when an idea reveals a story, it is truly an amazing experience. This magazine is one such cherished work. It is not just a heap of articles but is a result of constant perseverance, motivation, and encouragement from its entire team.

We are beatific to be a part of such a team. With the hope that the designs do justice to the literary works, we give the readers some joyous moments. We wish you all a happy reading!

The Design Team, Eureka'24

Bharati Vidyapeeth's College of Engineering

(Approved by AICTE, New Delhi & Affiliated to Guru Gobind Singh Indraprastha University, Delhi)
(An ISO 9001:2015 Certified Institution)
A-4 Block, Paschim Vihar, Main Rohtak Road, New Delhi-110063

Vision and Mission of the College

Vision	To be an institute of excellence that provides quality in technical education and research to create competent graduates for serving industry and society.
Mission	**M1**: To impart quality in technical education through dynamic teaching- learning environment. **M2**: To promote research and innovations activities which give opportunities for lifelong learning in context of academy and industry. **M3**: To build up links with industry-institute through partnerships and collaborative developmental works. **M4**: To inculcate work ethics and commitment in graduates for their future endeavors to serve the society.

Vision and Mission of the Departments

Department of Applied Sciences	
Vision	The department aspires to be a center of excellence in education in basic sciences and technology with ethical and social values.
Mission	**DM1**: To provide quality education through professional, problem- driven and interdisciplinary teaching methodology. **DM2**: To make students sensible in terms of ethical and social values in pursuing their education.

Department of Computer Science and Engineering	
Vision	To develop as a center of excellence in Computer Science and Engineering to produce graduates who are globally competent professionals with a sense of social responsibility.
Mission	**DM1**: Impart technical knowledge in Computer Science and Engineering with the state–of–art infrastructure. **DM2**: Provide a conducive environment for the holistic development of graduates. **DM3**: Inculcate leadership qualities, teamwork, and strong ethical values among the graduates. **DM4**: To promote a research culture and industry–academia collaboration to strengthen innovation.
PEOs	**PEO1**: To produce graduates with an in–depth knowledge of Computer Science and Engineering, and to contribute towards innovation, research, and excellence in higher studies. **PEO2**: To inculcate life–long learning skills in graduates enabling them to adapt to changing technologies, modern tools and work in teams. **PEO3**: To produce ethically responsible graduates who are involved in transforming the society by providing suitable engineering solutions.

Department of Information Technology	
Vision	To impart Quality Technical Education to the graduates and groom them as World Class IT Engineers, researchers, scholars and entrepreneurs to serve industry and society.
Mission	**DM1**: Provide a platform to impart quality education through a continuous teaching–learning process for ensuring lifelong learning in field of Information Technology and related domains. **DM2**: Train graduates to apply their learning for innovation and research in solving real life problems. **DM3**: Prepare graduates for industry by involving them in various professional societies, industry internships and technical events. **DM4**: Inculcate ethical values among graduates to prepare them to be a responsible citizen of the society.
PEOs	**PEO1**: To train graduates with a strong mathematical foundation, scientific,concepts of Information Technology to solve real life problems by analyzing and designing solutions. **PEO2**: To imbibe among graduates qualities like excellent communication skills, teamwork, moral values, ethical conduct and technical excellence for real world challenges. **PEO3**: To galvanize graduates for lifelong learning through innovative activities and higher studies.

Department of Electronics and Communication Engineering	
Vision	The department aspires to be an advanced centre of learning by synergizing teaching, learning and research to produce competent engineers capable of serving the society.
Mission	**DM 1**: To prepare graduates with sound technical knowledge and motivate them to explore emerging areas of research. **DM 2**: To create an environment for the development of research and innovation activities. **DM 3**: To build strong relationships with the industry through collaborative partnerships, student internships, and research toward product development. **DM 4**: To instill ethical and professional values among graduates with an awareness of societal and environmental concerns.
PEOs	**PEO1**: To produce graduates with in–depth knowledge in Electronics and Communication Engineering, who can provide professional engineering solutions in societal and environmental contexts. **PEO2**: To provide graduates with self–learning abilities and effective communication skills for working as efficient team members. **PEO3**: To provide graduates who are committed to professional ethics, responsibilities, and standards of engineering.

Department of Electrical and Electronics Engineering	
Vision	To gain and bestow contemporary technical education, and encourage research in the electrical and electronics engineering domain, so as to produce industry–oriented and socially–responsible graduates.
Mission	**DM1**: To provide quality technical education in the area of Electrical and Electronics Engineering. **DM2**: To develop a research–based learning environment for students to help them evolve in the emerging fields of engineering. **DM3**: To promote collaboration with academic and industry experts for familiarizing graduates with the latest technological advancements. **DM4**: To cultivate social–responsibility in graduates for maintaining a professional outlook while exercising ethical and moral reasoning.
PEOs	**PEO1**: Graduates will acquire the required domain knowledge and necessary skills to be able to interpret, analyze and solve Electrical and Electronics–based problems. **PEO2**: Graduates will be involved in research and development activities in consultation with industry experts to inculcate technical knowledge for successful careers in industries and/or academia. **PEO3**: Graduates will understand their social and ethical responsibilities for working in a diversified environment to practice their engineering profession.

Department of Instrumentation and Control Engineering	
Vision	To develop globally competent and ethically strong Instrumentation and Control Engineers for industry and society through quality technical education and research.
Mission	**DM1**: To develop a competent Instrumentation engineer with high technical and professional skills. **DM2**: To establish a unique learning environment to support the research and innovation activity and entrepreneurial attitude. **DM3**: To collaborate with other academic, research institutes and industry to strengthen the education and research ecosystem.
PEOs	**PEO1**: Graduates will have the necessary knowledge, skill and aptitude to get recruited in various Industries in the Instrumentation sector, Healthcare sector, Energy sector and other sectors of the economy at the national and international level. **PEO2** : Graduates will have professional attitude and skills of using modern tools for solving critical problem. **PEO3** : Graduates will have high moral, ethical values with sensitivity towards the environment and society.

EUREKA'24 SECTIONS

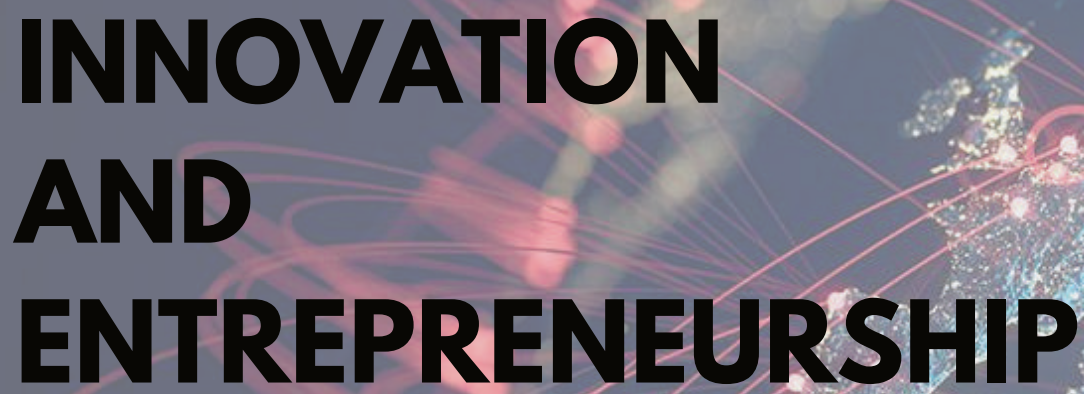**SCIENCE AND TECHNOLOGY**

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"Hope is the belief in the probability of the possible rather than the necessity of the probable."

SCIENCE AND TECHNOLOGY

> **The science of today is the technology of tomorrow.**

AI - the new Buzzword

-MANVI VATS, ICE'24

Artificial intelligence (AI) has become a buzzword in the field of technology in recent years. It refers to the development of computer systems that can perform tasks to provide require human intelligence, such as visual perception, speech recognition, decision-making, and language translation. AI has the potential to revolutionize the way we live and work, and it has already started to transform many industries.

One of the most significant applications of AI is in the field of healthcare. AI algorithms can analyze medical data in diagnosing diseases more accurately and efficiently than human doctors. They can also help in predicting the likelihood of a patient developing a particular condition and recommend preventive measures. AI is also being used to develop personalized treatment plans for patients based on their unique genetic makeup and medical history. In the field of finance, AI is being used to analyze large amounts of financial data and make predictions about market trends. AI algorithms can also be used to detect fraudulent activity in financial transactions, helping to prevent financial crimes.

AI is also revolutionizing the way we communicate. Natural language processing (NLP) algorithms are enabling machines to understand human language and respond appropriately.

AI is not without its challenges. One of the most significant concerns is the potential impact on employment. As machines become more capable of performing human tasks, there is a risk of job displacement. There are also concerns about privacy and security, as AI systems can collect and analyze vast amounts of personal data. Despite these challenges, the potential benefits of AI are enormous. It has the potential to improve healthcare outcomes, increase efficiency in industries, and transform the way we live and work. As the technology continues to evolve, it will be important to address the challenges and ensure that the benefits of AI are shared by all.

ENVIRONMENT vs GROWTH

-KARTIKAY BHARDWAJ, IT'25

The debate between environment versus growth has been a topic of discussion for many years. While economic growth is essential for a nation's progress, it cannot come at the cost of the environment. In recent years, the globalization of economies has had a significant impact on the environment, exacerbating the ongoing environmental crisis. This article discusses the importance of balancing environment and growth and the impact of globalization on the environment.

The world is facing an environmental crisis with issues such as climate change, deforestation, air pollution, and water scarcity. These issues have been caused by unsustainable economic activities such as overconsumption, industrialization, and deforestation. The continuous degradation of the environment poses a threat not only to our health and well-being but also to the economy.

It is crucial to balance environmental conservation with economic growth. Sustainable development is a model that seeks to balance economic growth with environmental conservation. Sustainable development includes economic growth that is ecologically viable and socially responsible. The United Nations' 2030 Agenda for Sustainable Development outlines a framework that addresses the environmental, social, and economic aspects of development.

Globalization has had a significant impact on the environment. It has led to increasing trade and economic activity, resulting in the overuse of natural resources and pollution. Globalization has also led to increasing transportation of goods and people, resulting in air pollution, noise pollution, and traffic congestion. Furthermore, globalization has led to the rise of consumerism and overconsumption, contributing to the depletion of natural resources. A large number of multinational corporations have also exploited natural resources in developing countries, causing environmental degradation and social issues.

The environment versus growth debate is an ongoing one, and the need to balance economic development with environmental conservation is becoming increasingly important. It is essential for nations to adopt sustainable development models that promote economic growth while preserving the environment. The impact of globalization on the environment must also be addressed, and policies and regulations should be implemented to prevent environmental degradation caused by global economic activity. Ultimately, it is the responsibility of individuals, businesses, and governments to take action to protect the environment and promote sustainable development.

5G: The Next Generation of Wireless Communication

-YASH BHUSHAN, ECE'24

5G, or the fifth generation of wireless communication technology, promises to revolutionize the way we communicate and connect with each other. It is designed to be faster, more efficient, and more reliable than previous generations of wireless technology, offering a range of benefits for consumers, businesses, and society as a whole.

One of the key features of 5G is its speed. It has the potential to be up to 100 times faster than 4G, allowing for near-instant downloads and faster streaming of high-quality video content. This means that consumers will be able to enjoy smoother and more immersive experiences when using their smartphones, tablets, and other connected devices.

In addition to speed, 5G is also designed to be more efficient than previous wireless technologies. It uses advanced techniques like beamforming and network slicing to reduce latency and increase bandwidth, which means that more devices can connect to the network without sacrificing performance.

Another advantage of 5G is its reliability. It is designed to be more resilient to interference and network congestion, which means that users will experience fewer dropped calls and lost connections. This is particularly important for mission-critical applications like self-driving cars, remote surgery, and smart city infrastructure.

Buying A Computer

-MOHIT TIWARI,
ASSISTANT PROFESSOR, DEPT. OF CSE

Ever wondered how individuals who have previously purchased and utilized a computer have a better sense of what they need in a new one? However, those unfamiliar with computers may feel overwhelmed by all the options available to them.

"What should we buy?" is a tricky question. Of course, that's a question with a highly subjective answer, as what constitutes "the finest" to one person will surely be different to another. When we talk about "the best", we mean the fastest and the largest, but even that doesn't make sense to a computer novice. Here's an overview of the steps a computer newbie should take and their justifications should follow.

1. <u>Invest in a computer bundle that has all the essential add-ons:-</u>. There are four main parts to any computer system: the CPU, the display screen, the input devices, and the user interface. If you're at the beginner level, it is advised to get a pre-built system with everything you need already installed so that you can just plug it in at home.

2. <u>Have a look at your intended computer usage:-</u> A computer with the above-mentioned components should be adequate for casual web browsing, emailing, and rudimentary word processing and spread-sheeting. But, if you want to use a computer to aid in a job in multimedia, you'll need to have peripheral devices like scanners, printers, digital cameras, tablets, and digicams. Plus if you love to sing, you'll also need a decent microphone and speakers.

3. <u>Establish and follow a spending plan:-</u> Even though computer costs are going down, they're still not cheap, keeping in mind the above-mentioned add-ons. Maintenance, repairs, and insurance premiums are additional expenses to consider as well.

4. <u>Begin comparing prices to find "the finest":-</u> When we talk about "the finest" computer, we're referring to the one that has the most powerful processor, the quickest modem, the highest RAM, and the largest hard drive, and many more cool specs. Even if you don't think you'll ever need all the available speed or storage space, it's still smart to have it on hand. Having this kind of savings in reserve can help you save money at the time of upgrading to a new computer rather than settling for one with fewer features.

5. <u>Choose trusted names in the industry:-</u> Experienced computer geeks will definitely enjoy the challenge of exploring uncharted territory with lesser-known brands. The computer newbie will appreciate the peace of mind that comes with purchasing a computer from a company with a track record of producing high-quality products and the financial wherewithal to honor exchanges, returns, repairs, and warranties even if these are required.

6. <u>Choose a retail establishment:-</u> Having figured out the important features and specifications of a computer, all that's left to do is choose a trusted retailer to make your purchase. You can get one from a local yard sale, an online retailer, an auction website, a store that specializes in pre-owned electronics, or even a normal computer store. If you're a complete newbie to computers, you should probably buy one from a brick-and-mortar store. You can try out the PC of your choice and get all your questions answered in person at a brick-and-mortar shop. These shops provide services, returns, and exchanges for customers who purchase new computers, alongside a warranty.

These tips are applicable to both Windows and Macintosh computers and should serve as a solid foundation for a computer novice making their first purchase. After narrowing down your options and making a final pick, you'll be ready to dive into the exciting realm of software, which is every bit as spectacular as hardware.

LITERATURE
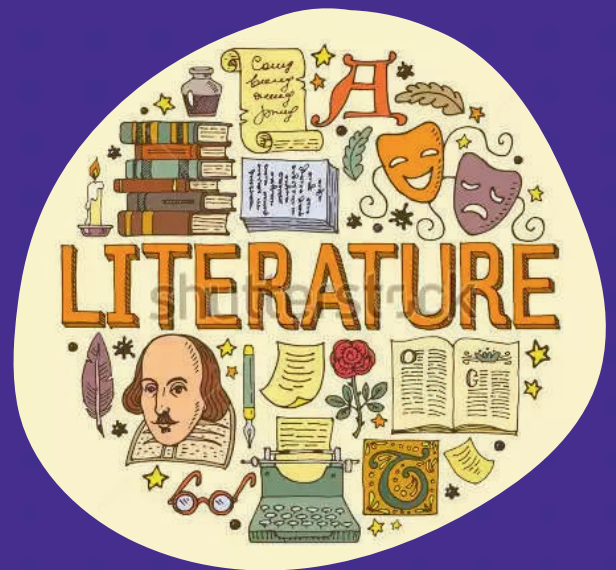
> The difficulty of literature is not to write, but to write what you mean.

A BLACK LEAF

-PURVA, ECE'26

Just a black leaf on my yellow book
Dancing through the autumn wind.
Goldwin rays of hope touch this withered
hand.

A warm feeling makes its way to my
brain
I shake my head,
clear my throat.
Tell myself, don't be a fool like before
With every breath, I'm losing control
What life takes away?
But I don't want to open my eyes
I'm afraid the light will blind me again
I'm tired of waiting for so long
for you to come along.

The desire to carry on has died alone on
the floor.
On a rainy night when you said "Good
Bye".

Flowers All Around

-TISHYA NANGIA,ECE'26

"No rain, no flowers"; they say,
But will they guarantee
There'll be flowers once it rains?
A cactus, instead of flowers is
Blessed with lots of spines.
Instead of cursing his luck,
His beauty is what he defines.
His spines- he wears them
as beautifully as any plant
That wears flowers.
He doesn't need flowers
And accepts that they are not his;
But it certainly doesn't mean,
He'll be taken as something less.

ख़ुदीराम

-DISHANT KAPOOR, CSE'26

मिदनापुर बंगाल में हुआ मेरा जन्म था
मौत का मेरे परिवार को यूं डर था
बहन ने मेरी तीन मुट्ठी चावल से मुझे बचाया
सबने दोनों भाईयों की किस्मत से दूर मुझे यूं खींचा
था।

बढ़ा हुआ आस पास देख रहा मैं क्रांति था
चाहता मैं भी आज़ादी और देश में शांति था
पंद्रह साल का था बात रहा था परचम में
अंग्रेजों के खिलाफ, गिरफ्तार हुआ मैं घर से था।

चल पढ़ा वापस मैं भर रहा यह जूनून था
लेना बदला मुझे उससे जो अंग्रेजी खून था
पहुंचा मुजफ्फरपुर अप्रैल 1978 में
मिला प्रफुल्ला से, हमारा क्रांति का साथ था।

फेंका जो बम मैंने डगलस के नाम का था
कैनेडी के परिवार की बदकिस्मती के नाम था
भागे हम अलग थे फँस गया प्रफुल्ला मेरा
पहचान के नाम पर, सर कटा भिजवाया था।

पहुंचा पूसा तक, अब तक तो मैं भी गया था
घेर लिया हवलदारों ने, अब भाग में न सकता था
बैठ गया गाड़ी में,
मौत को यूं गले लगाना।

उतर के पहले सबसे
वन्दे मातरम का नारा लगाया था,
कोर्ट में न लड़ना मुझे,
सबको बम्ब बनाना सिखाना था।
देश के हर तिनके में
क्रांति का बीज लगाना था,
मान ली थी मौत मैंने, समझाया अपने वकील को।
आख़री ख़ुवाईश पूछी उसने, आम मैंने मंगवाया था।

6 बजे थे सुबह के, ग्यारह अगस्त का दिन था।
फाँसी लगते वक्त भी, न चहेरे पे कोई डर न घबराया
मेरा दिल था।
18 वर्ष उम्र थी, चुना मैंने लड़ाई थी,
गर्व से दी यह जान थी, आज़ादी के लिए मारा था।
साथी मैं था प्रफुल्ला का, खुदिराम मेरा नाम था।

Tomorrow is Ours

-DIYA DANDU,ECE'26

As a student, I dully say
While on my bed, I leisurely lay,
Thousand assignments on my way,
It's just another lockdown day.

We used to have so much fun,
Watching each other jump and run,
Drenching in sweat in the scorching sun,
But this, this is just not done!

I sit for my class against my will,
The network ugh! My teacher's still!!
Got all the house duties to fulfil,
Staying optimistic now, has to be a skill.

But then I sit, and think it's us,
The youth shape tomorrow.
We must not make a fuss
We must wipe out misery and sorrow.

Time to use knowledge to inspire all,
It is our chance to take the charge.
A deep breath in, it's our call
It's the hour to take decisions large.

We need to work hard, I agree.
No time to rest, no time to sleep.
There's a demand to raise the rupee
Promises to the nation, we need to keep.

Now I've said what I wanted to convey
Are you getting tired already?
It is time to keep all distractions away,
So my future leaders, are you ready?!

GET GOING

-PRACHI KAPOOR,ECE'25

I know it breaks you down
I know it keeps you away
All the bad things
Rushing to your way
But don't you forget,
This mind's all a game
And,
You've got the powers
To sway the dirt away.

For whatever is meant
Will surely pass your ray
And all the other things
Build us stronger, that's okay!

Bliss Amidst Chaos

-PRACHI KAPOOR,ECE'25

They asked why so lone yet sane,
haven't you got anyone, mate?
There she broke her silence hiding pain,
"Oh! You're lucky, wish you a beautiful
fate!"

On parting ways towards the right,
they stood still, while she walked down.
No way she wanted to recite her plight,
"Wait you little, your eyes can speak
behind the brown."

She stopped knowingly
it was all worth the odds,
otherwise, how could she ever be able to
walk alone.

Dependent they wanted her
to be in the name of Gods,
But, courageous she was,
if they'd have known.
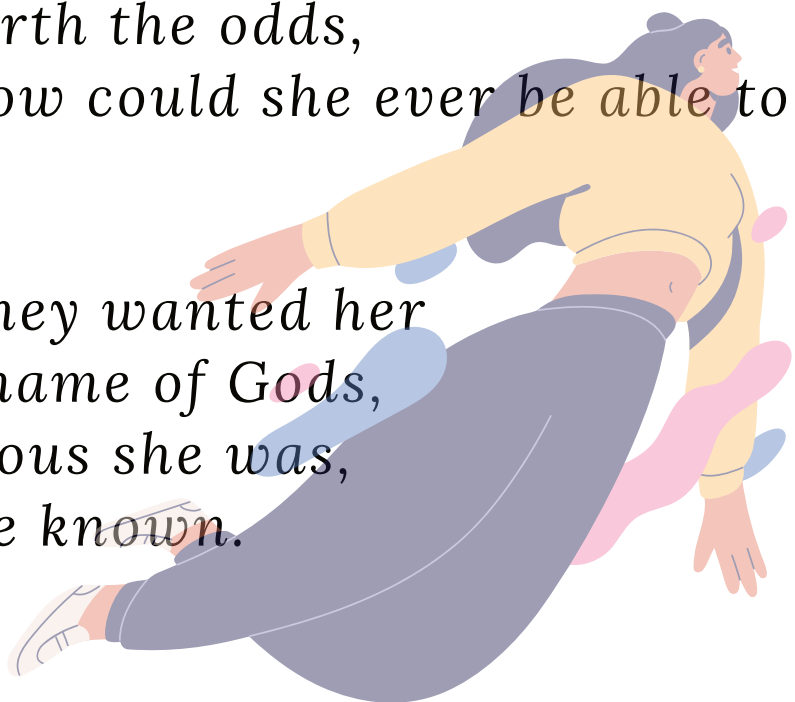
For when you close one door, others 10 make their way,
one who has a vision, destiny comes into play.
The great lesson even her eyes now show,
"YES, coz we're all STRONGER than we Know!

स्याही से लिखे भाव

-DIYA DANDU, ECE'26

हाथों में कलम उठाये, बैठी हूँ कुछ लिखने को ।
काफ़ी वख़्त से वीरान पड़ी थी, मेरे शेल्फ की ये डायरी तो।
क्या लिखू, क्या न लिखू, समझ में नहीं आता है,
पर देश की ऐसी दशा देख, मेरा रोना छूट ही जाता है।
स्वास्थ्य कर्मचारियों के प्रति दुर्व्यवहार के विषय में लिखू,
या उन पुलिस अधिकारियो के संबंध में, जो भूल गए है सब हर्ष?
लो मैं उस मज़दूर के बारे में बताऊ जो घर लौटने के लिए कर रहा है संघर्ष।
आज फिर उन वीर ने देश के खातिर दी है अपनी जान।
घुसपैठियो से रक्षा कर, बढ़ाया है देश का अभिमान।
एक ओर है डॉक्टर, पुलिस और जवान,
राष्ट्र के उज्ज्वल कल के लिए जिन्होने, त्यागा है अपना वर्त्तमान।
अब हाथ में उठायी कलम कुछ भारी सी लगती है।
पन्ने पर नीली स्याही ज़रा फैली सी लगती है।
पर शब्दों पर गिरे आंसुओ को अब पोंछना होगा,
और मात्र पृष्ट भरने के लिए नहीं,
कुछ बदलने के लिए लिखना होगा, कुछ बदलने के लिए लिखना होगा!

माँ

-ABHINAV KUMAR, CSE'24

मेरी खुशियो पे हक़ जताती नहीं
और माँ दुखो में आप दूर जाती नहीं
मुश्किलों में भी मुस्कुराती रही
माँ अपना हर दर्द छुपाती रही
खुशियों को सब पर लुटाती रही
पर माँ कभी किसी से जताती नहीं
माँ इंसानो को आज भी आप
बस इंसानियत का गुण सीखती रही...

जब बदली है दुनिया और बदले है सारे
कोई करता नहीं अब फ़िक्र यहाँ है
मतलब से ही चलती है रिश्ते दूरी
साथ तब होता नहीं जब हो ज़रूरी
माँ फिर भी निभाती है सब कुछ बस यूं ही
कहता हु में न एक शब्द पर वो समझती है कहानी पूरी
सच माँ के बिना है यह ज़िन्दगी अधूरी
माँ सा कोई नहीं इस जहाँ में ज़रूरी

ममता की हो मुहरत और
करुणा की भी देवी
आप जैसा तो कभी कोई होगा ही नहीं
ऊपर वाले ने बनाया था
अपना एक रूपक
पर लगता है आप हो
उनके भी पूरक

जहाँ तक भी देखु आप हो सहारा
उफनती नदी में एक मात्र सहारा
माँ ने ही सच में हर पल उभरा
माँ ही सच में है सबका सहारा
माँ ही है एक मात्र सच्चा सहारा...

काल

-ABHINAV KUMAR, CSE'24

हाँ हाँ मैं काल हूँ,
हाँ हाँ मैं काल हूँ
तेरे हर उत्तर का,
मैं प्रश्न विकराल हूँ
हाँ हाँ मैं काल हूँ, हाँ हाँ मैं काल हूँ ...

तेरी ज़िन्दगी की,
मैं इकलौती चाल हूँ
तेरे जीवन में हाँ,
मैं ही बवाल हूँ
पर मुसीबत की भी,
मैं ही तो डाला है
हाँ हाँ मैं काल हूँ, हाँ हाँ मैं काल हूँ ...

गरीबों के हाथों का,
मलाल हूँ
अमीरों की माया,
का मैं जाल हूँ
हाँ हाँ मैं काल हूँ,
हाँ हाँ मैं काल हूँ
दुखियों का दुःख मैं विकराळ हूँ
खुशियों में सुख का मैं लाल हूँ
हाँ हाँ मैं काल हूँ, हाँ हाँ मैं काल हूँ

चेहरा

-ABHINAV KUMAR , CSE'24

चेहरा ये बतलाता नहीं,
किसका राज़ कितना है बड़ा;

कौन ख़ुशी में अभी रोया है,
और कौन दर्द में मुस्कुरा रहा;

बड़ी है उलझन हर सिकं की,
पता नहीं कब कौन सी हो;

समझ जो जाते हम तुम सब तो,
दर्द ही क्या फिर रहता वो;

जानके भी की "खुश नहीं थे",
फिर भी दो चेहरे मुस्कुराए है;

पता नहीं इन चेहरा का कि,
कब कौन सा रंग दिखलाए ये;

पता नहीं इन चेहरा का
कब कौन सा रंग दिखलाए ये...

Girl of Nine

-DIYA DANDU,ECE'26

The Girl of Nine,
Who loved to read fiction and play
basketball,
Spend time dancing with her
ghungaroos,
Who hated boys,
Of all kinds, for the only reason
That they were boys.
And they were supposed to be
Mean and hurting,
Especially the older ones
with outgrown hair,
and puffed chests.

The idea of love
Could never touch her,
Nor could the thought
Of girls being feminine.
Like how they show in movies,
And advertisements, and in reality,
That's not hers.

Girls carry themselves with elegance,
Even with long hair and heels
And makeup doesn't shatter their
grace.
They are the ones who're okay talking
to boys,
Even the older ones

With outgrown beards
And puffed chests.
Girls who are brave enough
To fall in love
And fight for it,
Her little self could never digest.

But the girl has now grown up,
And out of her pocket catacomb.
To let the breeze of love,
Touch her long, velvet hair.
Like how they show
in movies and advertisements
and fairytales.

She is graceful like a butterfly,
And like the girls who fall in love,
and who fight for it.

She stands tall,
In her high heels and
Looks at her metamorphosis
And reality, that's hers.
"It's serene.", she says
The girl of nineteen.

सब ठीक है

-ADIL ALAM,ICE'24

जब गावों से निकले थे वो...
कुछ मुश्किलें हल करने को...
शहरो ने भी लूटा उन्हें...
क्या लगता है,'सब ठीक है '.

एक आस संग रुखसत हुए....
खबर न थी तूफ़ान की,
 कहते गए "सब ठीक है"

मार पड़ी जब मर्ज़ी की,
शुरुआत तक तो गम न था
जब गम बढ़ा, रोटी घटी
फर्क थे पर "सब ठीक था"

सब बंद हुआ, सब बंद हुआ
बीमारी की आफ़त बढ़ी
पर मर्ज़ी से न मरके
वह सब भुखमरी से रो पड़े
फिर भी कहो "सब ठीक है"

क्या दर्द है..क्या मर्ज़ है....
अब भूख से मरने के डर से...
धूप में चलते बने...
नींदों में थे सब देशभक्त...

तपते हुए मज़दूर थे...
हालो का जायज़ा लिआ...
कहने लगे,"सब ठीक है"

घर के लिए बेज़ार थे...
सरकारों ने ठुकरा दिए...
फिरभी मुसीबत कम न थी ....
वो सड़को पे मारे गए...
वो सड़को पे मारे गए...
चलो अब कहो, "सब ठीक है.".

इंसानियत भी झुक गयी....
जब सड़कों पर चलते हुए...
एक माँ भी थक के रुक गयी...
दीखता किसे है...ये समां...
उन्हें लगता है,"सब ठीक है"

गुरबत (غربت) गरीबी

-ADIL ALAM, ICE'24

वो नाकामी के मंज़र में घिरे थे ज़िन्दगी भर को...
मैं आसानी से कह कर चल पड़ा..आसान ही तो है...

ये सब कुछ आम था मेरे लिए..मैं जानता तो था...
वो गुरबत के हज़ारो वार से नाकाम ही तो है...

निकालू खामियाँ मैं बद इसके भी के सब कुछ था...
वो टूटे चप्पलो को घूरता बदनाम ही तो है..

सभी होते नही है एक, न ही ज़िन्दगी सबकी...
फर्क बस यह है उनका रहनुमा अनजान ही तो है..

वो सोते मुश्किलो की चादरों को ओढ़कर ऐसे...
की हर एक रात का ये आखिरी अंजाम ही तो है..

वो तोड़े रोटिया सूखी पड़ी ...हस्ते से चेहरे से...
ये सब कुछ देख पाना अब कहो आसन ही तो है..

To Have Found You

-DIYA DANDU,ECE'26

It is when I open my eyes
That my heart runs to find you
Because on closing them
It fears something new.

I try to hide away often,
From sadness and love, hate and fear
But I'm lost, so I close my eyes again
Only this time, to find you here.

To have met you, I feel so complete.
Cherry on the cake, ganache on the tart,
As if the broken moon has found now
His lost, broken part.

Outside of me is still a place
That stinks of sadness, love, hate and
fear.
But, I can only smell the roses of your
garland,
Oh Kanha, you're so near!

मैं हूँ ना

-SUBHAM PANDEY, IT'26

तुम तितलियां लुटा रही होगी
तो शायद मैं ना रहु,
जब तुम तितलियों को बटोरने की
जी - तोड़ जतन कर रहीं होगी,
तब शायद, "शायद " बेबुनियाद होगा,
क्यूंकि मैं तुम्हारे साथ खड़ा हूंगा ...

जब कोई साथ नहीं देगा,
तब मैं तुम्हारे साथ हूंगा
जब तुम होगी बेकरार
तो करार बनके तुम्हारे साथ हूंगा ...

तुम कभी अकेली नहीं होगी,
मैं हवा बनके तुम्हारी तितलियों
को गति दूँगा. क्यूंकि मैं हूँ ना !

HEALTH AND SPORTS

"Champions are made from–– a desire, a dream, a vision.

Why Sports and Cultural Events Are Important in College

-MR. RAJAT GUPTA
ASSISTANT PROFESSOR, DEPARTMENT OF CSE

A student's college life is very hectic. He/She has to deal with assignments, practicals, exams, internships, workshops, lectures, etc. to ensure ideal academic growth. Amidst this busy schedule, it is important to take a break to refresh oneself. This is where sports and cultural activities play a vital role. These activities keep college students positive, fresh, and energetic.

The involvement in sports and cultural events teaches students interpersonal skills such as patience, communication, leadership, punctuality, accountability, teamwork, trust, etc. which will help them grow and achieve success in life.

Participating in sports and cultural activities contributes to students' personalities also. There have been studies showing students involved in sports perform better in academics. Reasons for this can be many, as sports teach the skills of time management and also act as a stress buster when students are loaded with too many assignments and deadlines.

At Bharati Vidyapeeth's College of Engineering, Delhi, all the students participate in a wide range of activities that are related to games, and track and field that nurture their skills.

There is an Annual Sports Meet held in college for the students who take an active interest in sports. This is for the students who excel in athletics and various sports and need a platform.

A national-level cultural fest XTASY is organized bi-annually providing them an opportunity to excel in various other fields apart from academics.

Every year the college hosts BVEST, a national level Technical Fest, which enables the students to present various live models and organize paper presentations and workshops. This provides an opportunity for them to come to terms with the recent advances and practical implications of their theoretical knowledge.

Being fit mentally and physically is essential. By having sports as a hobby, students can boost their mental health and learn how to maintain a balance between curricular and co-curricular activities. It enables them to be emotionally strong as sports let them experience various emotions like success, failure, happiness, disappointment, etc.

Sports and events are an essential part of a student's life, as it focuses not only on physical fitness but also teach them various life lessons which help in building their personality and ensuring a disciplined and bright future.

Ranभूमि: Sports League of BVCOE

-VIDYUT SINGHAL,EEE'25

A normal day in the life of an engineering student - arrive in the morning, take lectures, complete files, and assignments, and then go back home. It is quite boring yet hectic being an engineering student. In these times, it is advised to do sports activities to keep the mind and body active. Sadly, no one teaches these facts to these young engineers.

One day, however, the atmosphere on campus took a turn. Students were seen running, jumping, and shouting commands while preparing for the upcoming sports festival, Ranभूमि !! This event, organized by BVCOE, catalyzed the awakening of the inner athlete in every student.

Believe it or not, students who were seen with books in their hands were scoring baskets, holding racquets, and passing balls with those hands. Ranभूमि played a significant role in making the inner sportsman of every individual alive.
Students started seeing college life in a more fun and better way.

Ranभूमि not only allowed students to showcase their athletic abilities but also made college life more enjoyable and exciting. Apart from that, engagement in sports activities gave the students a much-needed break from the sedentary lifestyle they had been leading. Students looked fitter than before, both physically and mentally.

But the best part of this entire fest has to be the active participation of girls. Ranभूमि not only gave boys a chance to showcase their skills but also motivated girls to step up and compete with each other.

After making a lot of new friends, a lot more memories, winning matches, losing matches, in-between team moments, and most importantly, creating a transition from a hectic schedule to a more fun and exciting environment, Ranभूमि was a huge success.

Ultimately, winning or losing is part and parcel of the game. What truly matters is that students had a good time and felt a sense of satisfaction within themselves.

Ranभूमि definitely proved to be a resounding success in terms of not only competition but also in terms of the positive impact it had on the student's physical and mental well-being.

The motivation to maintain an active lifestyle and actively participate in sports was seen on every child's face.

SWIMMING & ITS IMPORTANCE

- HARSH DABAS,ECE'26

A basic definition of swimming states that it is 'The propulsion of the body through water by the combined motion of the legs and arms and the natural floatation of the body. But as a sport, it is much more than just moving through water. Participating on a swim team can build strength, confidence, and teamwork, all while competing in an exhilarating individual sport. There are four types of strokes in swimming. Starting off with 'Butterfly', which is known to be one of the hardest strokes as it consumes all the muscle groups from our head to toe. Secondly, the Backstroke where you have to swim on your back with your head facing up to the sky, followed by Breaststroke, one of the slowest strokes that can give you a good leg workout, and lastly, 'Freestyle', which is said to be the easiest stroke to learn.

This shows that swimming is much more than just a leisure activity. Like any other sport, it's about hard work and discipline. It is about pushing our limits and breaking barriers that constrain our life.

REASONS WHY YOU SHOULD DIVE IN...

1. <u>Water Safety</u> - Water safety refers to the procedures, precautions, and policies associated with safety in, on, and around water bodies, where there is a risk of injury or drowning.

2. <u>Boost your Cardiovascular System</u> - Swimming is going to get your heart and lungs working. It is an incredible way to boost your cardio health and overall fitness and due to the breathing required for your swimming, you may also find your lung capacity increase.

3. <u>Increase your flexibility</u>- Although people tend to think of swimming as cardio, it's also a full-body workout that will build your muscular strength and endurance, no matter what swimming stroke you are doing, you're going to use most of your muscle groups to move through the water.

SOME OF THE MOST DECORATED INDIAN SWIMMERS

1. **Shamsher Khan**

We will start off the list with one of the greatest Indian swimmers of all time, Shamsher Khan, born in 1933. He is the first Indian Swimmer to take part in the Olympics, achieving the feat in the 1956 Summer Olympics.

This came as no surprise after he made a national record in a 200-meter Butterfly event in 1954. Also in the year 1955, Shamsher became the first to break the then-existing national record at the national meet in Bangalore. A member of the Indian National Army, Shamsher also participated in the 1962 Indo-China War and the 1971 Indo-Pak War. Khan soon retired in 1973 after all his achievements in both the army and swimming. The legend died on 15 October 2017.

2. **Arati Saha**

Another great swimmer in early India, Arti Saha was a long-distance swimmer. Born in British Indian West Bengal's capital city of Calcutta in September 1940, she started swimming at the young age of four.

In 1959, Saha became the first Asian woman to swim across the English Channel. She is also the first Indian female athlete to be conferred with the Padma Shri Award in 1960.

3. Bhakti Sharma

Born on 30 November 1989, Bhakti Sharma is an Indian Open water swimmer. She is the youngest woman ever to set a record in open swimming in the Antarctic waters. Also making her the first Asian woman to achieve the feat.

Sharma swam 2.3 km in 41mins 14secs in freezing water at a temperature of 1°C. Bhakti has successfully broken the record of Lynne Cox (USA) and Lewis Pugh (Great Britain), after swimming in all five oceans of the world. Apart from the five oceans, she has also swum in the eight other channels and seas. Owing to her extraordinary feats, Bhakti is also a recipient of the TenzingNorgay National Adventure Award.

4. Virdhawal Khade

Viradhawal Khade is probably the best-known modern Indian Swimmer. Hailing from Kolhapur, Maharashtra, Virdhawal is an Arjuna Awardee of 2011. He represented India in the 2008 Beijing Olympics.

In 2010, India won the first Olympic medal in 24 years, thanks to Virdhawal's bronze in the 50m Butterfly category.

4. Sajan Prakash

Sajan Prakash is famously known as the 'Michael Phelps' of India. Born on 14 September 1993, he represented India at the 2016 Rio Olympics in the 200m Butterfly race. This came after Prakash overwhelmed everyone by winning 6 gold and 3.

Silver medals at the 2015 National Games in Kerala. The 26-year-old has also won 1 gold, 2 silver, and 3 bronze in the Asian Age Group at Tashkent in 2017. He is currently training with the Railways team in Bengaluru.

My personal experience as a competitive swimmer

As a competitive swimmer myself, swimming taught me much more than just to move easily through the water. As Eliud Kipchoge said, "Only disciplined in life are free", swimming taught me to stay disciplined in life as it is not easy to wake up super early in the morning and go for a long practice. Swimming taught me to push my limits. It taught me to look deeper, work hard and grow as a human being.

LIFESTYLE AND ENTERTAINMENT

> **The world is a stage, the stage is a word of entertainment.**

Exploring one of the most "HAUNTED" place in delhi

-HARSH MISHRA,ECE'24

▶ Harshy23

Who said that there's nothing left to discover in Delhi? I, HARSH MISHRA, recently uploaded a video on my youtube channel, featuring BEER BICEPS.

In that video, I shared my experience of visiting one of the most undiscovered and horror-filled places in Delhi - Agrasen ki Baouli (A.K.B). Along with my two friends, we explored the architecture, historical facts, and dark rumors surrounding this place.

Talking to the guards and getting information out of them was the most difficult task there. No one there was ready to talk, especially seeing a camera in our hands. After not getting much out of the guards, we talked to the locals about the rumors, most of whom had a similar logical explanation for the horror.

To capture the mystery surrounding the incident, I used contrast editing (sounds nerdy, I know!). The video slowly built up to the finale, sprinkling hints of horror and friendly banter here and there. Surprisingly, most people there had no clue where this place was. Was it because it was a relatively unknown place, or was something more sinister at play here? Only time would tell.

CAREER PLUS

- AMAN KUMAR JHA,ECE'25

Campus placement or on-campus recruitment gives you the best opportunity to get a good job in a good company or knock on the doors of potential employers, here they come to you. To succeed, you just have to be one step ahead of your competitor with the required skills.

PREPARATION

1. <u>RESUME AND CERTIFICATE</u> - It should be properly kept ready. The resume should give the total projection of a candidate.
2. <u>GOOD MARKS</u> - Your mark sheet talks a lot about your interests and commitment to academic studies.
3. <u>BE SMARTER THAN OTHERS</u> - Learn something other than what you study in your curriculum that could be a certificate course in language or soft skills, etc.
4. <u>DRESS</u> - Formal attire that is modest and pleasing to the eye.

WRITTEN TEST AND G.D

1. <u>WRITTEN TEST</u> - The more you prepare, the better you perform. Always aim to get into the top 10 ranks.
2. <u>APTITUDE PROBLEMS</u> - In tests your problem-solving skills, analytical skills, logical reasoning, and communication work.
3. <u>GROUP DISCUSSION (G.D.)</u> - G.D. is nothing but a debate, a topic presented by judges. A topic is given and a small group of selected candidates express their views on it.
4. <u>INTERVIEW</u> - It is the most critical and important step in the campus placement process. It is for the first time the company comes face-to-face with you.
5. <u>COMMUNICATION IS KEY</u> - Sharpen your word power. Be clear, concise, courteous, and comprehensive, and have command over language.
6. <u>BODY LANGUAGE</u> - Non-verbal communication plays a vital role in interviews.

7. <u>LISTEN</u> - Don't try to answer before the question is asked. Do not interrupt unnecessarily.

8. <u>KNOW THE COMPANY WELL</u> - Research the company. Gather as much information as you can about the organization you're going to be selected for.

9. <u>TALKING ABOUT JOURNEY</u> - Make sure you cover all your strengths, the first impression is always the last impression.

10. <u>DO NOT TALK TOO MUCH</u> - Do not pretend you know everything. Talk about what is needed, and be honest about your
    capabilities.

11. <u>WEAKNESS</u> - Be honest, if you don't know something, don't lie about it.

12. <u>IMPRESS THE INTERVIEW PANEL</u> - With creativity, innovation and out-of-the-box thinking you can impress the panel members. Your positive thinking should be your ability to adapt to a new situation, learn new things, and work in a team.

कठिनाईयाँ

-AMAN KUMAR JHA, ECE'25

राहे भले कठिन हो, चलना हमें पड़ेगा |
बाधा भले ही रोके, आगे कदम बढ़ेगा
कठिनाईयाँ से हमको, डरना कभी नहीं है।
मन में एक भरोसा, तो पालना पड़ेगा।
न हारना है हमको, न धैर्य खोना है।
अपने बाहुबल पर हमको, विजय आज पानी है।
कर्मरत मन हो सदा ईश्वर से कामना है,
हर एक का मला हो, बस यही भावना है।
अपने लक्ष्य के लिए, आँखो में चमक सी है।
दिल में विश्वास सा है
कुछ कर गुजरने का,
एक अहसास सा पापा के सपनों को
सच करने का एक प्रयास साह हैं।

INNOVATION AND ENTREPRENEURSHIP

> "The best way to predict the future is to create it."

Introducing SyllabusX: An Innovative Solution for students pursuing B.Tech at IP University

Scan and get your notes now -->

As a student pursuing a B.Tech degree at IP University, it can be a challenging task to stay up to date with the latest syllabus and relevant study materials. The traditional method of sifting through long PDFs to find the information you need can be time-consuming and frustrating. However, a team of students at IP University has come up with a solution to this problem, introducing SyllabusX - an online platform that provides students with the latest syllabus patterns, study materials, and a platform to connect with their peers.

Our team behind SyllabusX consists of Akshat Singh [CSE'25], Shourya Pal [ECE'25], and Sparsh Mecwan [ICE'25]. We recognized the difficulties faced by the students in finding the latest syllabus and relevant study materials and decided to solve this issue which led to the development of an online platform that would make this process much easier for our peers.

SyllabusX houses the syllabus patterns for all B.Tech branches offered at IP University, as well as study materials for each course. This makes it easy for students to stay up to date with their coursework and have all the resources they need in one convenient place. The platform also allows students to share their personal handwritten notes and resources which can be accessed by other students at any point in time.

However, building SyllabusX was not at all an easy task. The vastness of the syllabus made it quite difficult to include relevant pieces of information. Finding study materials for each branch was a major challenge alongside coming up with an interactive design so that it is easy for the students to get the hang of it.

Despite these obstacles, we were able to create a platform that is both functional as well as user-friendly.

The team behind SyllabusX is dedicated to constantly updating the platform to ensure that it is always up to date with the latest syllabus and study material. We are also working on expanding the platform to include more features that will make the lives of IP University B.Tech students much easier in the near future.

Learning Folks:An Innovative Learning Experience

Checkout our website -->

Learning Folks is an innovative ed-tech startup founded by Mayank Hora [CSE'24] and Divye Gupta [CSE'24] with the aim to cater to and help B.Tech students. The startup's primary focus is to provide high-quality educational resources and personalized learning experiences to help students to excel in their studies.

Learning Folks' vision is to revolutionize the way students learn and to make education more accessible and affordable for all. With a strong belief in the power of technology to enhance learning outcomes, the startup aims to leverage cutting-edge tools and platforms to deliver engaging and interactive educational content.

The company has already made significant strides in achieving its vision, thanks to support from the NASSCOM Foundation, a leading industry association for the IT and IT-enabled services sector in India. NASSCOM has funded Learning Folks and provided the startup with the resources it needs to scale its operations and reach more students.

Learning Folks' innovative products and services to cater to the needs of B.Tech students include interactive online courses, personalized study plans, and on-demand tutoring and mentorship.

The startup's approach is designed to be flexible and adaptable to the needs of individual students, helping them to learn at their own pace and in their own way.

Overall, Learning Folks is an exciting story with a bold vision to transform the education sector. With the support of NASSCOM and a team of talented and dedicated educators, we aspire to make it to your books too. The startup is well on its way to achieve its goals and make a positive impact on the lives of B.Tech students in India and beyond.

You Need to be an Indispensable Employee in this Disposable World

-SUBHASH MALIK,
NIDUS INCUBATION CENTRE

Truly speaking, no one is indispensable or irreplaceable. No individual employee is absolutely necessary for a company to survive. It would not be much of a company if that were the case. To be indispensable means to have real skills which are known and seen for their true worth.

The victory of success is half-won when you learn the secret of putting out more than is expected in all that you do. Make yourself so valuable in your work that eventually you will become indispensable. Being seen as an asset is the key to not only keeping the job but also positioning yourself to move forward once the organization turns to an upswing.

It is not at all necessary that the indispensable employees have the greatest experience, and highest credentials, are the most skilled on the planet, or are relatives of their boss.

Let's understand the in-depth crux to adopt to be more valuable. Score yourself in the following ten statements and know your level truly and you can improve as required to shift to a higher level.

1. <u>Solution-oriented and Quality drove</u>: Becoming an expert solution-oriented person for the company is the most obvious ingredient in the indispensability equation. You Chase the quality, quantity will chase you. Always find a solution, don't carry problems ahead rather go with the solution. No one is going to appreciate your work when you tell the problems and ask for the solutions.

2. <u>Be Accountable, Reliable, and Dependable</u>: You should take ownership with responsibility and accountability which will prove you as dependable with reliability. Follow the formula of Tried, Tested, and Trusted.

3. <u>Loyal to Profession</u>: Creating loyalty through Excellence, Relevance, and Passion is the Motive Power for Indispensability which indicates the ability to move, and to act with strength and conviction based on abilities, standards, and values. Your attitude must always be professional. Refusing to engage in distractions will demonstrate that you can be trusted with private or confidential information which translates into more responsibilities.

4. <u>Highly proactive 'can do' Individual</u>: In this new world order post covid era, an increase in responsibilities leads to improved job security. Seeking additional responsibilities and volunteering for more tasks and projects demonstrate initiative. Your efforts demonstrate that you have the company's best interest and that you are sensitive to the company's needs during this economic downturn.

5. <u>Highly efficient crisis Manager</u>: Develop and enhance your fire-fighting skills with problem-solving. If you are capable to handle the crisis efficiently and successfully, no one will afford to lose you.

6. <u>Aspirations aligned with organizational goals</u>: What people don't realize is they have lost focus on the top concerns of senior managers and business owners. They need a clear view of what are the key factors for their business as well as the key indicators of revenue, profit, and customer retention, which often get pushed under the general business of the day.

7. <u>High-flying performer and Self-motivated</u>: One of the driving forces of life is self-motivation Visualize your goal, see how you are accomplishing your goal, how it feels to be a winner, and have everything that you want. Keep track of your goals, and reward yourself, these small celebrations will always be fun and effective. There is no better time for success than now.

8. <u>Entrepreneurial approach towards work (Business acumen)</u>: The anatomy of the Entrepreneurial attitude is knowledge, passion, and fire for prudence and business acumen which requires an entrepreneurial mindset. Make a profit in every situation. Focus on your entrepreneurial dream and then move towards it with business ethics and best practices.

9. <u>Best fit with the organizational culture</u>: A potential possesses certain personal characteristics that align with the organization's structure, design, and culture. Organizational culture fit is the compatibility that can be determined if/when one entity provides what the other needs or wants. Doing things First Time Right is always preferred.

10. <u>Networked with built-up relationships</u>: Knowing people throughout the organization will give you deeper roots when the winds of change blow. Ask a veteran colleague to mentor you on a specific project. Become a trainer or coach for others when appropriate.

SOCIAL WELFARE
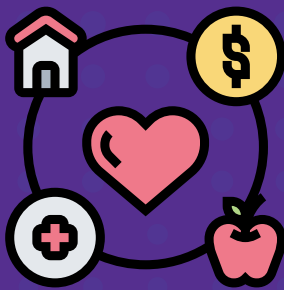
> " How can we make progress? Not with luxury but by lifting the other.

COUNSELOR

AATM NIRBHAR BHARAT

- SURENDER DUBEY, ECE'26

"While exercising my rights, I must not forget to undertake my duties to usher in an Aatm Nirbhar Bharat."

Aatm Nirbhar means "Self-Reliant." It is the mission and vision of our honorable Prime Minister, Shri Narendra Modi, to make India self-reliant. This action plan gained pace during the ongoing COVID-19 pandemic and the India-China border conflict. To give emphasis to Aatm Nirbhar Bharat, the PM announced a 27-lakh crore economic package and focused on the four L's - Land, Labour, Liquidity, and Laws. It envisions the emergence of a robust and strong nation committed to the welfare of all.

To become self-reliant, Indian citizens must play their roles according to their capacity. There are various themes, including duties that we should follow while exercising our rights. This is the thinking emphasized by our national father, Mahatma Gandhi. He said, "We should not only assert that this is my right and no one can take it away. We should also see that our rights do not harm anyone else's rights, and by using our rights, there should not be any harm to our citizens or country."

The self-reliant concept is also based on Gandhiji's Gram Swaraj, in which he focused on self-reliance at the village level. He said that every village should be self-reliant and not dependent on other villages for its needs. By inspiring Gandhiji's thoughts, our constitution makers included Article 40 in our constitution about Gram Panchayat and their self-sustainability and self-reliance.

Our honorable PM also clarified that Aatm Nirbhar Bharat does not mean that we will go for deglobalization and a closed economy as was the case before 1990. It means that we will go for self-production, but if we need any raw materials or anything, we will surely consult other countries.

By becoming a self-reliant country, the world will be benefited by reducing tough competition in the market, and no country will take a high price on that particular object. Also, there will be many options available to countries like cottage and craft industry. Our slogan, "Vasudeva Kutumbakam," will once again be glorified.

The above quotation clarifies how Aatm Nirbhar Bharat does not mean a closed economy for India as "FDI is welcome, technology is welcome... self-reliant India translates to being a bigger and more important part of the global economy."

If we talk about our duty to our country, it is mentioned in our constitution in Article 57-A. If all our citizens take a lesson from there and understand their duty to buy all things made in our country and also inspire others to do so, then it will be a movement that will surely result in the benefit of huge employment, local small manufacturers, farmers, and all other persons who will link this chain. We should understand this as our duty that we will have to develop our economy, give employment to the needy, and also strengthen our agricultural sector and farmers. So, if we use products made in our country, then this is the best way to serve our country, make our economy self-reliant, and to some extent fulfill the dream of our country to become a 5 trillion-dollar economy by 2025.

We should not ignore our fundamental right to buy objects from anywhere, whether it is China or any other country. If we think sensibly, we find that if we give more money for purchasing raw material for Indian objects , after some time, this money will automatically return to us in another form means when customers purchase it.

फ़ितरत

-NISCHAY GUPTA, CSE'26

कपड़े नए कपड़े पुराने
कुछ सीधे कुछ निराले
कुछ लाल कुछ हैं पीले
किसी के सफ़ेद किसी के काले
अलग हैं वेश, अलग हैं इंसान

किसी को इनसे फ़रक़ न पड़े
कोई बनाले इसे अपनी पहचान
अलग कपड़े पहने बढ़े
अलग कपड़े पहने जवान
अलग हैं वेश, अलग हैं इंसान

किसी के कपड़े सतरंगी
किसी के हैं बेढंगी
कोई मिलना चाहे भीड़ में
कोई लगना चाहे अतरंगी

कुछ बदलते हैं कपड़े
कुछ बदलते हैं रंग
कोई तो सिर्फ़ बदले पहनावा
कोई बदल ले अपने ढंग

कपड़े नए कपड़े पुराने
किसी के सफ़ेद किसी के काले
भले ही हो, अलग पहनावे की अलग पहचान
लेकिन अंत में, हम सब हैं इंसान।
हम सब हैं समान।

MODERN WOMAN IN MEGACITIES OF INDIA

-DR. KAUSHAL SHARMA
ASSISTANT PROFESSOR, DEPARTMENT OF APPLIED SCIENCE

She is modish and particular, a straphanger, an eager beaver, and hefts responsibilities over her shoulders of being a nine to fiver as in coequally represents the devoir of perfection in the home. In dungarees or culottes; no matter, she represents her western procurement in sustenance with her cultural modesty. She suffices incessantly to earn her self-respect by educating herself and manifesting her career into visible solidity. Indeed, she is buoyed by her family to reach the epoch in every sphere that also professes her to enable herself as a complete engineer of the systems belonging to her life. She is nurtured in the way that she becomes capable of taking the right decisions to live with confidence and dignity in the modern age thus outshining her abilities as a modern woman, especially in the megacities where she is either born or migrates to.

However, amidst the superstructure and winsomeness of the megacities, she feels the lack of the ambiance of gender sensitization because of the prevailed "historical monotony of phallocentrism" that still looks down upon her as "a mere commodity". It is ironic because a modern woman renders an indispensable aid to society in unison. She is a consistent succor to her parents, teaches her siblings, and befriends all in need. When ties herself in nuptial, she propagates a sense of grit and concentration to her "in-laws" and her "husband". Besides, she also begets a neonate in the form of a "boy" that later acquiesces "the real world" or unfortunately a "girl" for a societal genesis. She is also a helping hand in times of economic demandingness too. She is dexterous to handle every chore satisfactorily.

She fulfills the inexorable necessity of nature and society equally but if she speaks to demand "a room of her own"; she is hailed as "a free woman" that has no affirmation of representing her as an independent human being living in freed India rather sarcastically "free" is seen as "too free" or implied as "fallen".

A modern woman seeks her space so as to commune with society with her frame of mind. She pursues a vocation and excels in the succinct expressions of her progression in modern society. In her cognizance, she competes in the global world which still, unfortunately, exists as the male dominating society. A modern and independent woman who liberates herself from every clutch of the patriarchal domain and as an altoist is not allowed in the Indian domain. She is "Nirbhaya"; hope for her destitute parents but a mere submissive marionette for regnant dominating men who see women only as "objects." She is brave and craves to bring her existence in recognition, but while planning mega for her future or her nation, she misunderstands her naivety; in what equation do men still consider her; torrefy her aspirations and her advent of herself as a "self-sufficient human".

Do you ask for consent from your child?
It's time you start.

-GURUSHA KHERA, ECE'23

If you are a parent, do you ask for consent from your pre-teen child before hugging, bathing, or changing their clothes? Do you ask for consent from your younger sibling merely to hug them?

These questions might be baffling or even throw a person off-guard, but they have an immensely comprehensible answers. In India, five children are sexually abused every hour. Victims of these heinous crimes are left with nothing but persistent impressions of trauma, which have a tremendous chance of projecting themselves in unhealthy or self-destructive ways in adulthood.

Children possess an undeveloped, impressionable minds. Consequently, their trauma goes unprocessed, and they internalize those emotions. Therefore, it is of utmost importance to equip children with the correct knowledge regarding the subject of Child Sexual Abuse (whether it's about private body parts, consent, and safe and unsafe touch). At this d age, it is essential for adults and caretakers to inculcate this practice and normalize consent.

We expect fellow adults to respect our boundaries. But it is very easy to overlook a child's boundaries or discomfort. When youngsters are forced to embrace relatives or family members against their will, it teaches them that it doesn't matter if they don't want to be touched. This unknowingly misguided habit might make it more difficult for them to say no when faced with an unsafe touch. There are myriad ways to educate children about consent.

Asking a child before initiating physical contact helps them perceive the importance of their consent and accommodates a sense of authority, they hold over their own body. This habit might be trivial, but it plays a valuable role in normalizing consent, preventing CSA, and creating a safe environment for children. Like an adult, a child can rightfully resist physical contact even if its intentions are purely harmless.

Going back to the questions that were initially asked, it's high time we ponder upon this issue and incorporates this parenting or caretaking technique that prepares children even in the most unpredicted situations.

Upliftment of women in society??

- GAUTAM KUMAR, EEE'26

The upliftment of women is not a new concept. It can be seen in various ideologies, such as feminism, which includes a range of socio-political movements and beliefs that strive to define and establish the political, economic, personal, and social equality of genders.

In India, the approach to women's upliftment is different. For instance, women's bus tickets are waived off in government buses (DTC and cluster buses) in the capital city of Delhi. The first coach of the Delhi Metro is reserved for ladies. At the time of admission, the cut-off for girls is decreased compared to boys. Moreover, various educational institutions are established especially for girls in almost every state. These actions raise the question, "Do women really need these privileges when both genders have equal rights (at least on paper)?"

Such questions are raised when incidents like the Lucknow girl repeatedly slapping a cab driver (in August 2021) are reported. It is then asked whether it is beneficial to offer these many advantages to a particular gender in the name of upliftment.

However, the answer is different. It cannot be said about women's situation globally in the current scenario since India is just one country with diverse races, colors, and cultures. The majority of India's population is rural, and when visiting states like Bihar, which is considered the cradle of Indian civilization, one can see that men in these states are not comfortable with their wives working outside the home; it is considered shameful in rural areas. Although women have equal rights on paper, these rights are not as robust as they appear on paper.

In politics, women are mostly treated as figureheads, and their husbands do the actual work. Even highly intelligent girls are given social responsibilities at a young age, and they are expected to do housework in addition to their professional duties.

These factors remind us that there is still a long way to go for the overall upliftment of women in Indian society. However, in regions like the European Union and the United States, women are more independent than in other regions like Africa, the Middle East, and South Asia. Women's upliftment in India is still necessary, and it is a slow but worthwhile process.

ART AND PHOTOGRAPHY

> A photograph is usually looked at – seldom looked into.

-Isheeta Juneja,IT'24

-Manasvi Chauhan,ECE'25
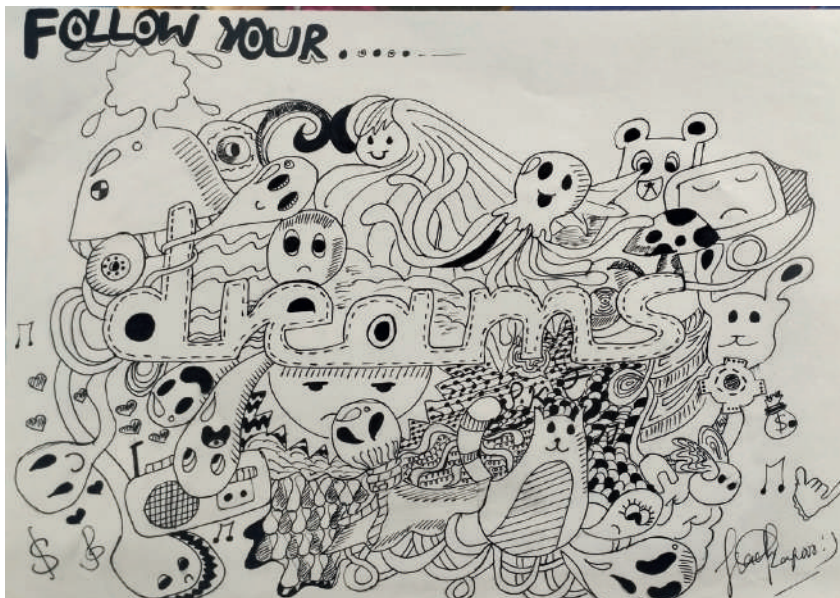
-Harsh Vats,ECE'25

-Gauraang Aggarwal,CSE'26
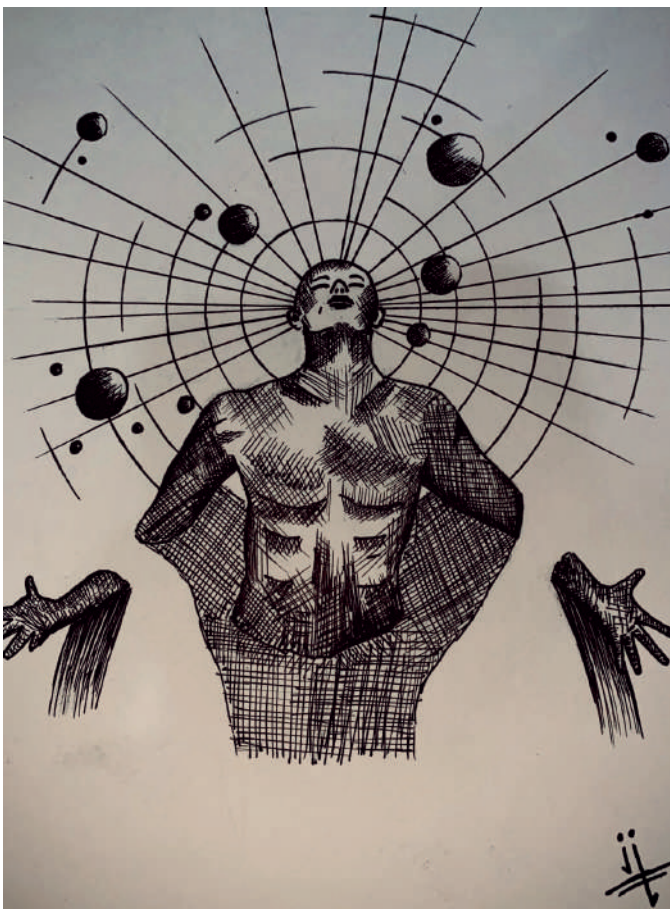
-Isheeta Juneja,IT'24

-Sandeep Kumar,CSE'26
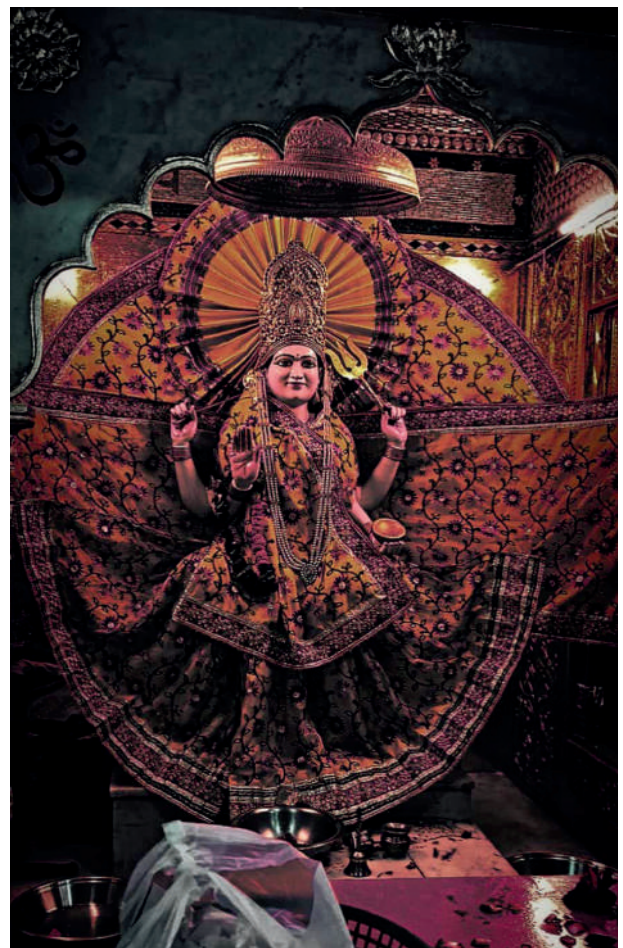
-Prachi Kapoor,
ECE'25

-Shubham Kumar
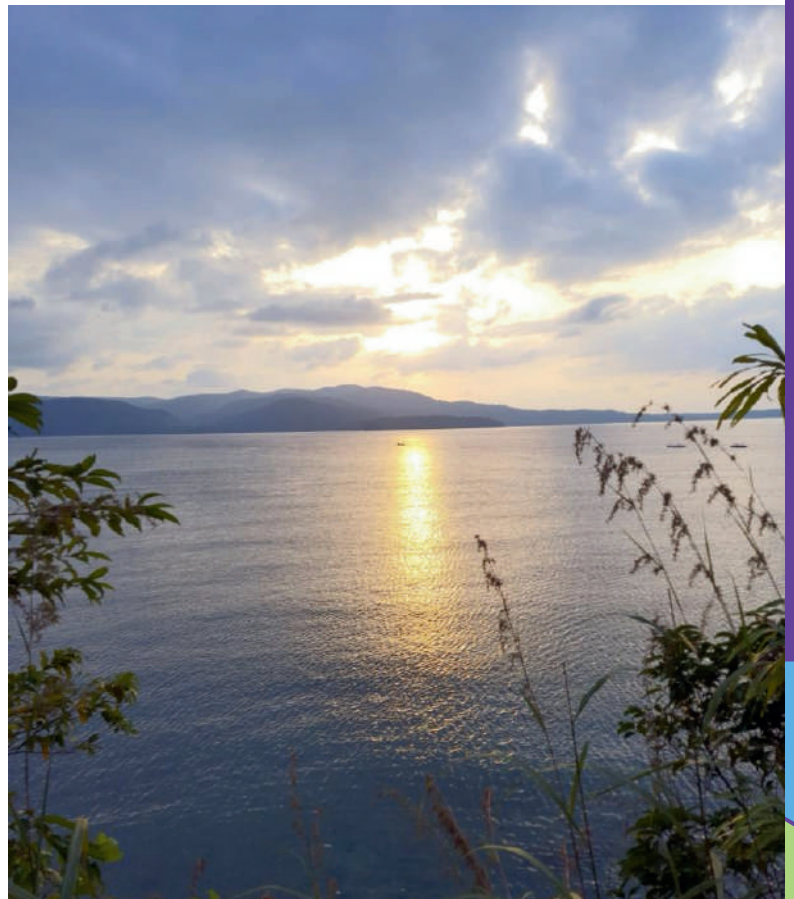Pandey,IT'26

-Gaurav Chahar
ECE'25

-Abhinav Singh,CSE'24

-Swati Kumari,ICE'25

-Rudransh Pandey,CSE'26

-Kartikay Bhardwaj,IT'25

-Yash Rakesh,CSE'25

-Abhinav Singh,CSE'24

MISCELLANEOUS

> **Miscellaneous is always the largest category.**

Till the End

-UDIT HASIJA,CSE'25

We were just kids when we were introduced to each other for the first time
For me, you were just a girl with attitude towards me as if I had done a crime

But as we were forced to spend time together as partners during each task
I started to solve this puzzle and found a sweet, innocent girl behind that mask

My thoughts were only covered with the reason of that attitude towards mine
But later, I discovered my crime was just that my heart had become your heart's wine

Slowly, every feeling you have hidden in your heart was beginning to show
Now everytime you passed by my side, instead of attitude I could see a glow

With time passing by, our love only grew
stronger till we were at the age to wed
Then finally the day came when instead
of me, you pulled out a ring and said

Instead of 'I' and 'You', let our love unite
us and convert it into 'We'

And I immediately knew what to do
when you asked "will you marry me?"

Not long after that, we got married with
the blessings of our families and friends
Took an oath that day to have each
other's back till our story ends by

Time flew away, year by year, so happily
that neither of us even shed a single tear
Our car went on at full speed the whole
life until we crashed at our 56th year

Both of us faced death, holding on to
each other just as we promised in our
oath

Our love now has found an eternal place
to reside in the afterlife for us both

So this is the story of our life, uniting as
one in this world, my everlasting love
This is our tale, which is supposed to
live forever as I write it from above.
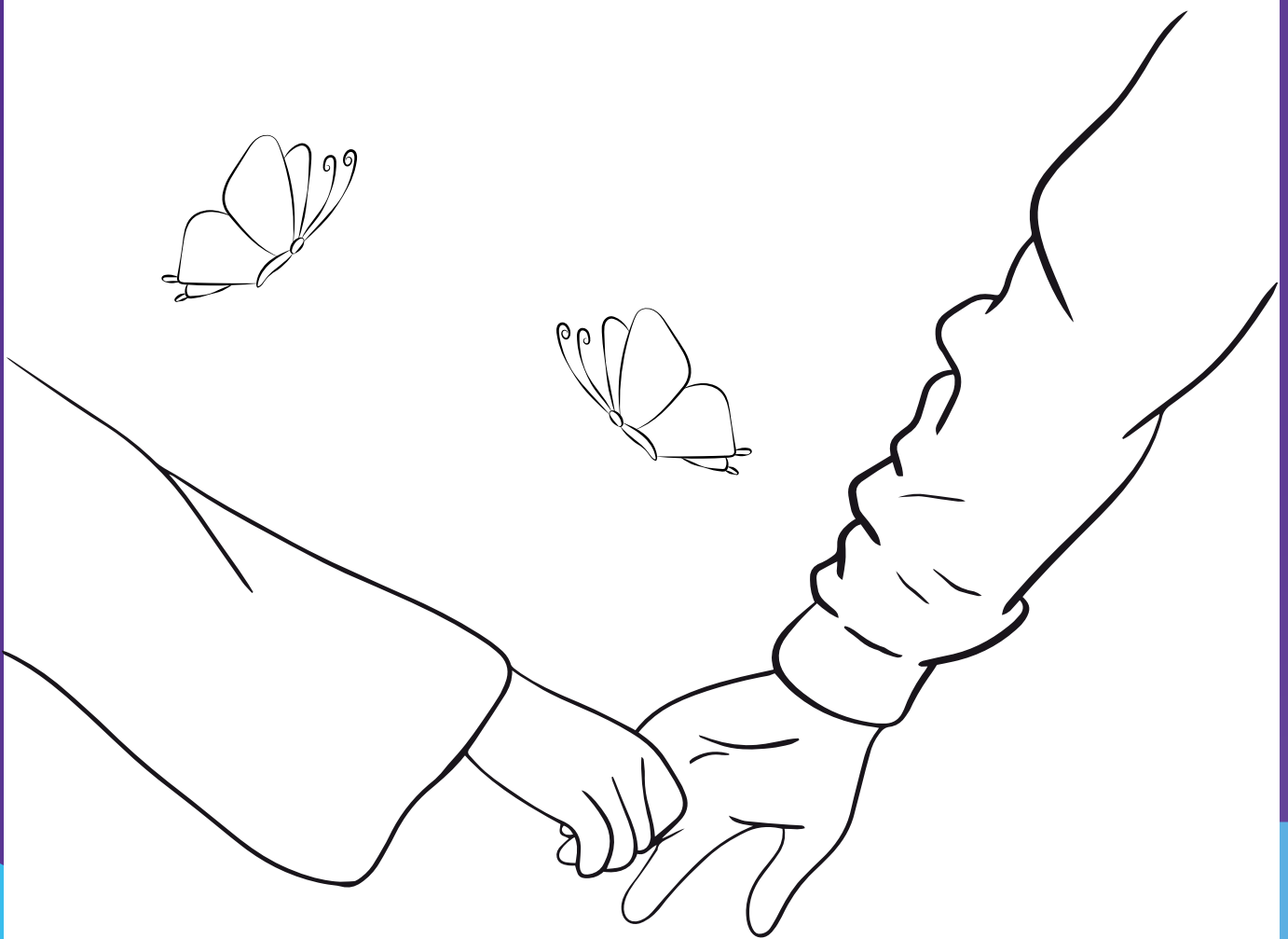
The Fear of BEING JUDGED

- *ANUSHKA GUPTA,EEE'26*

The Anxiousness of 'What will people say' restricts you from taking the first step towards any change and that's true. We all should be optimistic about who we are. You can't stop people from
judging you because they will say what they want but their judgment about you should not affect you.

We were born to live life in our own way. The day you start loving yourself and being yourself from that day you will not even care about what others think about you and their opinions won't matter. The biggest problem in life is it's an image in our head how it should be. But expectations do not always turn into reality. People's perceptions will never change and they will judge you but we are not born to entertain them right. Being yourself and not giving the slightest thought of what others think of you is the foremost thing to rejoice and make your life incomparable.

Sometimes we can't even fulfill our own dreams just because of the fear of being judged. But just for a moment think our dreams are the priority we own them who are the other people to judge? Just say "Back off " to them because no one knows you better than yourself. You have to break the shell and take those baby steps that can strengthen your will and mind. The reflection in your mirror is just waiting to pole vault in action. Just look yourself in the mirror a voice is coming and it is saying "Do you even think someone will be better than you or even if there is someone with whom you are unique in your own way, nobody owes you anything that they got the right to judge you. This is who you are and this is who you will be if somebody likes you that's good but if they don't then swear they are gonna regret it afterwards."

Refrain from continuing the cycle of negativity and judgment and choose to see love and beauty instead. Look how beautiful you are. You are suffocated from the fear of being judged just escape this fear break all the barriers and embrace the real you because you are 'One of a kind'.

Listen Carefully to Succeed

-DIYA DANDU,ECE'26

Why do we do some things and not do others? It is because a voice in our head tells us to do so. Why do we hold the elevator door for others when it is just about to close? Yes, it is because of that little voice coming from deep inside us. Whenever we find ourselves in any situation, we follow our inner voice's advice. However, when a challenging or unusual situation arises, we can often hear two voices coming from our heads. The first one gives the quickest and loudest suggestion but it is usually directing us towards comfort and mundanity. The second voice, gives beneficial advice, that usually aims at growth, is, unfortunately, also the feeble voice. Thus, one has to listen very closely to hear it. These two voices lead to two highly contrasting choices in a given situation. The sad part is however that making one of these choices leads to poorer outcomes than the other. But, the good part is that these options are always there for us, and we, individually hold the right and power to freely choose between the two.

If you had been like me, you would have wondered what makes one person different from another, not in terms of their physical attributes but how some people get what they want, while others do not. It is because we all have the same condition, two options at a time, and still most of us choose the one that hinders our growth and success.

So, the next time you find yourself in midst of a challenging situation, decide consciously what direction you want to choose- go left, or do right!

शास्त्रीय नृत्य
untaught and unlearned

-Maitri,ICE'26

What comes to your mind when you think about Indian classical dance? How many classical dance forms can you name?
Generally, people state two names, Bharatnatyam and Kathak.
I'm an Odissi dancer. A lot of students questioned me about my dance form. Only two seniors knew about Odissi. Among others, some were eager to know, some just said it's the same as Bharatnatyam.
How can I blame them? They are untaught.

Indian classical dance or Shastriya Nritya is an umbrella term for various performance arts rooted in Hindu musical theatre styles, whose theory and practice can be traced to the Sanskrit text Natya Shastra. Nine classical dance forms of India are Bharatanatyam, Kathak, Kuchipudi, Odissi, Kathakali, Chhau, Sattriya, Manipuri, and Mohiniyattam.

Here's a concise route for you to explore classical dances further. Bharatnatyam which originated in Tamil Nadu was kept alive by the devadasis, who were young girls gifted by their parents to the temples and who were married to the gods.

Kathak, originating from Uttar Pradesh, consolidates legends from antiquated folklore, particularly from the life of Lord Krishna turned out to be very famous in the courts of North Indian kingdoms.

Kuchipudi is indigenous to the state of Andhra Pradesh. It originated in the 17th century with the creation of Sidhyendra Yogi of the dance drama Bhama Kalapam, a story of Satyabhāma, the charming but jealous wife of the god Krishna.

Odissi, emerged in Odisha is often argued against Bharatanatyam as odissi dancers often assert that it is the oldest of the Indian classical dances, drawing the Natyashastra to underscore their claim. It is traditionally a dance drama genre of performing art and particularly Lord Jagannath is worshipped.

Manipuri, one of the main styles of Indian Art of Classical Dance originated in the picturesque and secluded state of Manipur in the north eastern corner of India. This dance is associated with rituals and traditional festivals in praise of Lord Krishna.

Sattriya dance emerged in Assam. This neo-Vaishnava treasure of Assamese dance and drama has been , for centuries nurtured and preserved with great commitment by the Sattras i.e Vaishnava maths or monasteries..

According to a Puranic story, Lord Vishnu took on the guise of a 'Mohini' to seduce the Asuras , both in connection with churning of the ocean and episode of the slaying of Bhasmasura. Mohiniyattam literally interpreted as the dance of 'Mohini', the celestial enchantress of the Hindu mythology, is the classical solo dance form of Kerala.

Recently, Chhau has been added to this list by the cultural ministry of India. It is mainly performed during festivals in the region of Jharkhand, West Bengal and Odisha. Masks form an integral part of Chhau dance in Purulia and Seraikella styles.

The point is that culture has been around for a long time and not just in our species. It defines us, and without it, we would wander hopelessly with no umbrella to shield ourselves.
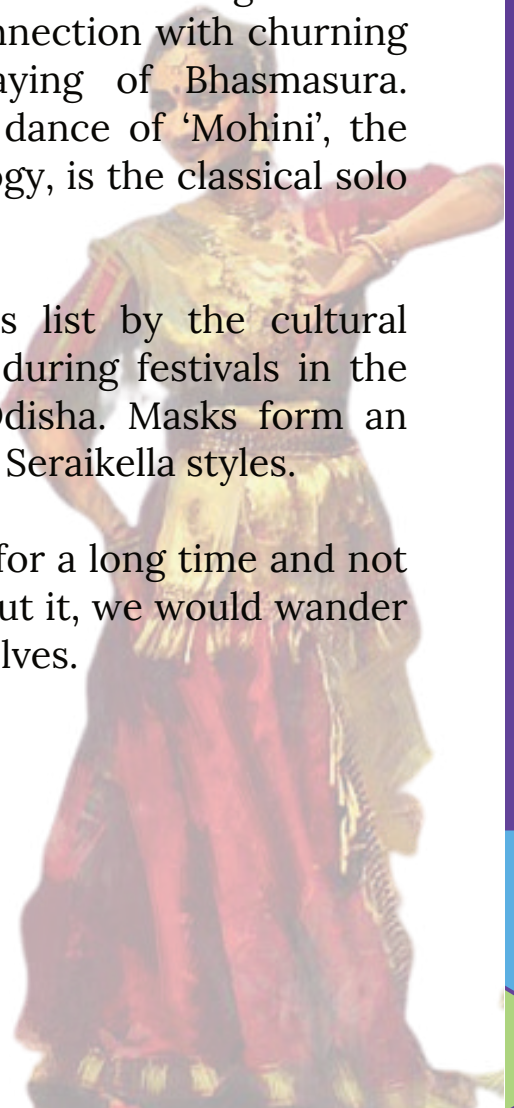
A New Spring's Winter

-ARVIND SHARMA,IT'23

The bruises have disappeared
A spring in my heart
A lost battle, shows me what is my part?
O friend, is it a new beginning?
O lover, are we ending it?
O stranger, will you be at peace?

The scars have faded
An autumn in my heart
A reclaimed land, show me where's my castle?
O girl, why do you seek my attention?
O rebel, you wanna bring destruction to my castle?
O loser, your arrows were as weak as your pecks!

The demons need no love
A winter in my heart
O schemer, are your wicked schemes ready?
O hunter, are you ready to get hunted?
O desired one, may we see a summer together!

Keep Learning Keep Growing

-DR. RITIKA CHAUHAN

ASSISTANT PROFESSOR, DEPARTMENT OF APPLIED SCIENCES

I have always moved on in life. Had it not been the way, my quest for maintaining my strengths and ground would have been lost by now. Each experience of life that I have lived has already made me bolder, stronger and more confident than before. But every new experience is different from the previous one. I am glad for the worst times, for they have given me some of the life's best lessons. On some good days, I rejoice in ecstasy with something new to learn and gain. And on some not so good days, I fall, I feel, I get down on myself AND I STAND AGAIN! I RISE AGAIN!

Time and space are not the conditions in which we live but the modes by which we think. The journey, the path and the time an individual takes are what decide his current state of emotions and views about life. Though I have always made journeys enriched with learning, self-growth and development, sometimes the kindest hearts are hurt the most. It is during the darkest moments that one must focus to see the light. One must let go of life that you have planned so as to accept the one that universe blessed you with. The divine doesn't give you the people you WANT. It gives you the people you NEED. To help you, to hurt you, to leave you, to love you and to make you the person you were MEANT TO BE. It is how and when people and circumstances touch our lives that make us a person so different from the one we were in past.

Tune in your mind to the positive frequency and see the outcomes. Beautiful things start happen once you distance from the negative. Out of difficulties grow miracles. A strong soul shines after every storm. What I achieve inwardly will change the outer reality.

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The only journey is within. I am in competition with no one but me. I just aim to improve, to be better than who I was yesterday. My present circumstances don't determine where I can go; they merely determine where I start.

So plant your own garden and decorate your own soul. The tree is growing up without growing old. Work on yourself. Create yourself. The limitation lies only in your imagination. Trust yourself. You know more than you think you do. Sometimes, life is about risking everything for a dream no one can see but you! So, forget all the reasons why it will not work and believe the one why it will. What lies behind you and what lies in front of you pales in comparison to what lies inside you.
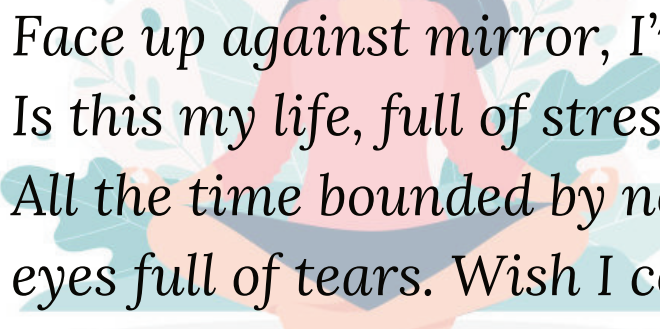The abbreviation of LIFE that I believe in is:

LEARN. INSPIRE. FIGHT. EXCEL.

Keep learning. Keep growing. Do good deeds and spread love.

Let Me Meditate

-ASHIMA AIRAN
ASSISTANT PROFESSOR, DEPARTMENT OF EEE

Face up against mirror, I'm looking out,
Is this my life, full of stress & fear,
All the time bounded by negative thinking,
eyes full of tears. Wish I could live like
Nature, feel the peace I'm longing for, open
up my heart, breathe with love that my soul
belongs to. How do I turn around this,
What's my fate
Only thoughts come, Let Me Meditate
To break the fence of fear around,
Keep focus on each breath & soul's sound.
Positive lights penetrate you, the effect is
profound, breathe in deep, let oxygen
bubbles surround.
Thought storm began to ebb, senses to
resonate
To open all doors of happiness, Let Me
Meditate

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