Eureka!

2020-2022

EUREKA

**Bharati Vidyapeeth's College of Engineering
New Delhi**

Prof. (Dr.) Vivek A. Saoji
Vice- Chancellor
Bharati Vidyapeeth, Pune

MESSAGE FROM THE VICE-CHANCELLOR

It is a remarkable achievement for the students and faculty members of Bharati Vidyapeeth's College of Engineering, New Delhi, to have created a beautiful endeavour, Eureka' 19.

Eureka is evidence to the fact that the nurturing of a student is a wholesome process. Every student and teacher who willingly contributed to this magazine, is an equal part to its success through the years.

It is well said that, "write to taste life twice, in the moment and in retrospect". The contributors have done the job of putting their views as words and I hope that these words make you enjoy the ideas. After all, there is nothing more contagious than an idea!

Dr. Vishwajeet Kadam
Secretary
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'19.

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 a great source of entertainment and learning.

I hope Eurekaimparts some new ideas and viewpoints!

Prof. (Dr.) Dharmender Saini
Principal, BVCOE

MESSAGE FROM THE PRINCIPAL

It makes me feel proud to pen a few words for our college magazine Eureka'22, exclusively meant for churning out the latent writing talent from our students and teachers alike. This not only helps in sharpening one's communication skill, but also leads to overall personality development.

Congratulations from the bottom of my heart to all the contributors and the Editorial Board for bringing out such a beautiful and vivid magazine. It is very well said that 'There are no great limits to growth, because there are no limits to human intelligence, imagination, and wonder'. Today, education means much more than solely acquiring knowledge. It is the acquisition of knowledge and skills, along with building character that improves the employability of our young talents. The willing contributions from students, faculty and the alumni, all vouch for this issue of our college magazine. This is not only a showcase of the talent, but also of the multi-faceted growth of our students and faculty.I hope Eureka'19 presents an unabridged comprehensive read!

With Regards,
Prof. (Dr.) Dharmender Saini
Principal, BVCOE

Ms. Neha Gupta
Assistant Professor, BVCOE

MESSAGE FROM THE EDITOR-IN-CHIEF

We live in a time of constant change. In fact, change is probably the only constant thing. We witness fast-paced changes in various fields, be it government, health, technology, etc. In such an environment, it is reassuring to know that education helps us adapt to these changes in a beautiful manner. Our biennial magazine, Eureka, provides the students and faculty the much needed platform to express themselves, thus spurring them to explore new avenues of growth. The messages and reports of our erudite mentors form an invaluable part of Eureka. The editorial-board has also shared their experience in the making of the magazine.

I would like to express my sincere gratitude to our dynamic Principal, Prof (Dr.) Dharmender Saini whose commitment inspires us. A heartfelt thanks to all those whose enthusiasm and support has made this edition of Eureka possible.

We hope the reader enjoys going through the experience called Eureka!

Mrs. Neha Gupta
Editor-in-chief, Eureka' 22

TEAM EUREKA' 22

EDITORIAL TEAM
Samridhi Kurar (IT, 3rd Year.)
Mayank Gautam (CSE Dept.)
Mehak Chadha (ECE, 3rd year)
Ishita Agarwal (ECE, 3rd year)

DESIGN TEAM
Devansh Verma (IT, 3rd Year.)
Shwetank (IT Dept.)

EUREKA' 22 Co-ordinators

FACULTY CO-ORDINATOR
Mrs. Sarita Yadav (IT Dept.)
Mrs. Shikha Mauria (EEE Dept.)
Dr. Srishti Vashisht (CSE Dept.)
Dr. Gaurav Mitra (ICE Dept.)
Dr. Nitu (Applied Sciences Dept.)
Dr. Priyanka Gupta (ECE Dept.)

STUDENT CO-ORDINATORS
Srishti Jhunthra (CSE, 3rd Year)
Sushma (ICE, 3rd Year)
Aditi Sharma (ECE, 4th Year)
Shivam Kapoor (ECE, 3rd Year)
Prateek (ECE, 3rd year)
Nitya Verma (EEE, 3rd Year)

MESSAGE FROM THE EDITORIAL TEAM

Welcome to the 2022 edition of our biennial college magazine, Eureka. It gives us immense joy to present this issue, which contains many literary works from students and faculty alike. Much effort has gone into curating the magazine with a certain level of perfection. All suggestions and criticisms about the magazine are hence, most welcome! The best part about the issue is that it explores the creative sides of the "Engineering" students and teachers, who are almost always surrounded by exams and events. Amidst the making of innumerable practical files, keeping up with attendance, and uncountable surprise quizzes, we tend to lose track of our true inner selves. This issue of Eureka is an effort to pause and reconnect with ourselves. This issue brings out the talents of the student and teacher community.

We have tried to elucidate through the magazine the challenge:
Be different,
Make a difference,
Remember to whom much is given, much will be required.
We hope you enjoy going through the vibrant colors of Eureka with as much joie de vivre as we, the editorial team, have experienced in putting them together for you!

The Editorial Team, Eureka' 22

MESSAGE FROM THE DESIGN TEAM

It is an extremely proud moment to be bringing you Eureka'22, 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'19, has helped me to put this perception into action. The entire editorial team has worked daily to bring an honest portrait and mosaic of works while keeping the target audience in mind.

Learning is indeed a lifelong process, and a thought that has been enduring in mind when becomes real is truly an amazing experience. This magazine is one such cherished work. It is not just a nutshell of articles but is a result of constant perseverance, motivation, and encouragement from its entire team.

I am beatific to be a part of such a team. With the hope that the designs do justice to the literary works, I give you, the reader, some joyous moments. I wish you all a happy reading journey!

The Design Team, Eureka' 22

Vision, Mission of the Institute:

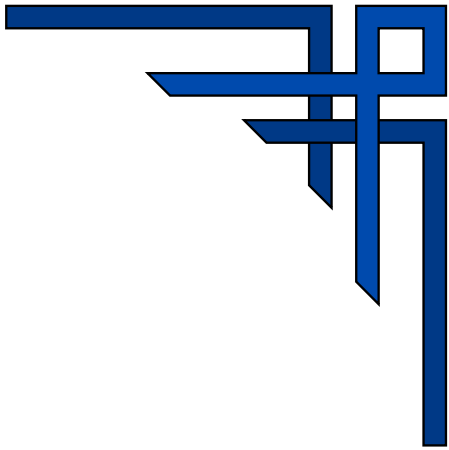| Institute	
Vision	To be an institute of excellence that provides quality technical education and research to create competent graduates for serving industry and society.
Mission	M1: To impart quality technical education through dynamic teaching-learning environment. M2: To promote research and innovations activities which gives opportunities for life-long learning in context of academic 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, 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

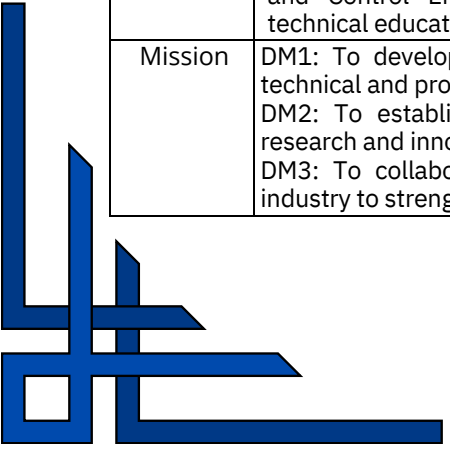| **Department of Information Technology**	
Vision	To impart Quality Technical Education to the graduates and groom them as World Class IT Engineers, researchers, scholars and entrepreneurs to serve industry and society.
Mission	DM1: Provide a platform to impart quality education through a continuous 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, engineering and 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

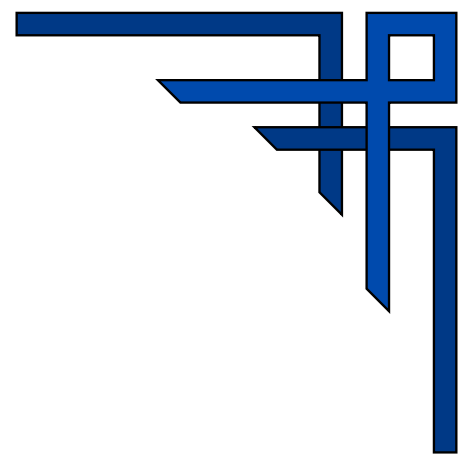| **Department of Electronics and Communication Engineering**	
Vision	The department aspires to be an advanced centre of learning by synergizing teaching, learning and research to produce competent engineers capable of serving the society.
Mission	DM 1: To prepare graduates with sound technical knowledge and motivate them to explore emerging areas of research DM 2: To create environment for the development of research and innovation activities.

	DM 3: To build strong relationships with industry through collaborative partnerships, student internships and research towards product development. DM 4: To instill ethical and professional values among graduates with awareness towards 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 context PEO2: To provide graduates having self-learning abilities and effective communication skills for working as an efficient team member. 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

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.

|	
	DM4: To inculcate moral, ethical and professional values among students to serve the society.
PEOs	PEO1: Graduates will have the a strong foundation in mathematics, science and instrumentation and control engineering to become researchers, entrepreneurs and instrumentation professionals to satisfy the needs of the core industry, research, academia and society at large. PEO2: Graduates will have skills of design, analysis and adapt to latest technology for solving critical problem in multi disciplinary areas. PEO3: Graduates will exhibit professional ethics and values, effective communication, teamwork and ability to relate engineering issues to address the technical and social challenges.
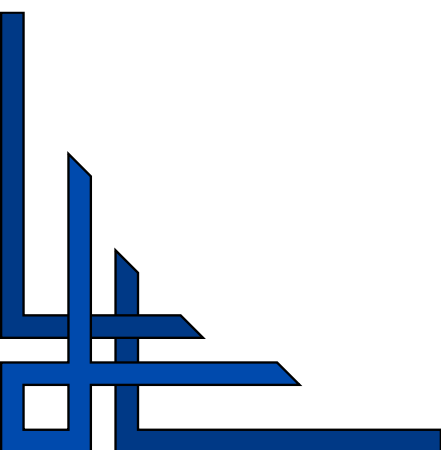
EUREKA' 22 SECTIONS

TECHNOLOGY

LITERATURE

MENTAL HEALTH

LIFE STYLE

MANAGEMENT
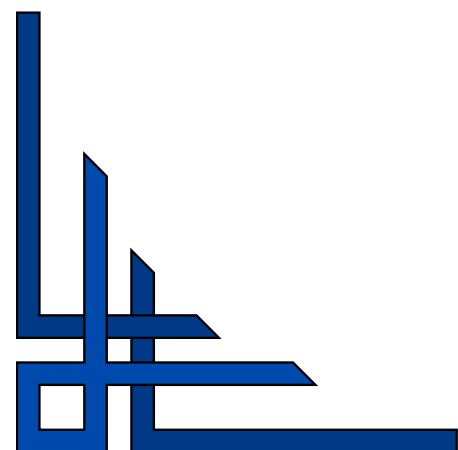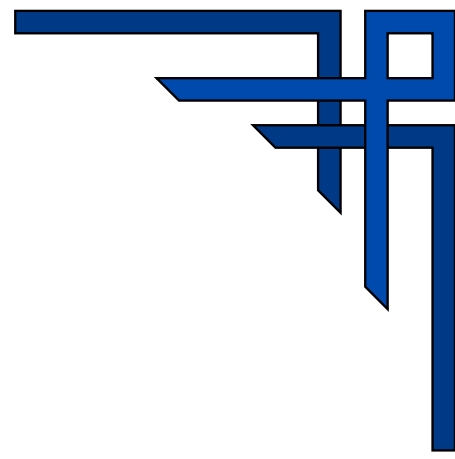
TECHNOLOGY

TECHNOLOGY - THE DEATH OF LIBRARIES

Once upon a time, there were a lot of libraries which were not only a place to gain bookish knowledge, but also a heaven where every unique person gathers to exchange and acquire wise words from each other. People might wonder why it is narrated in the form of a fairy tale? The answer is us only. If we continuously depend upon technology, then this will surely become a part of this fairy-tale.

Libraries are the place where not only children, but adults too gather to either study or share information. The silence increases our concentration and dedication towards our task. Later technology entered in our life and made access to all books stuff in just one tap. And we all think it is a boon to us. Alas! We failed to realise that it is a curse to humanity. The use of this will put a question mark on the vulnerability. One may argue that technology has saved our pennies from buying books and saved our travelling time. But what about our concentration? Ponder, do we end up with what we were surfing, or some other thing played with my mind? Whenever we surf something, the so-called suggestions grab our attention and instead of focusing on our work, we take interest in some senseless things. Sometimes these suggestions are so disastrous that we unknowingly kill the morality in ourselves. The lack of focus is the reason why every other search on google is, 'how to concentrate on our work?' There's no need to state the obvious, libraries are not only a temple of knowledge, but also a blessing for our dedication and concentration. At last, spending money and time is better than surfing unethically and destroying our etiquettes and time.

-SUDIKSHA GULATI

ECE 2

SECOND YEAR

CRYPTOCURRENCY: BOON OR BANE?

The accountability of cryptocurrencies as a legal instrument has been observed to vary from country to country; where on one hand some are mapping out the laws and measures, others are yet to release a statement regarding this deranged evolution.

For those who haven't been a part of this buzz, Cryptocurrency is a digital currency created and stored electronically. Unlike monetary currency, the supply of cryptocurrency is not determined by any central bank or authority and the network is completely decentralized. The decentralized control of each cryptocurrency works through a blockchain, which is a public transaction database functioning as a distributed ledger. Sounds too heavy on the tech? Well, it's heavier with the debates going around it. Extensively claimed as deranging havoc, cryptocurrencies have gained prominent adhesion over the last half a decade, at the same time fabricating an administrative incubus across the globe. creating a regulatory nightmare for banking regulators across the globe. There are around 969 cryptocurrencies in existence globally, with a total market capitalization of close to 116 billion US$.The hype around this monetary evolution has thrown light on its multiple merits such as hassle-free transfer of funds between two parties without a third party like banks, credit/debit cards, etc., its wide-ranged affordability in comparison to other online transactions, and many more. But Despite these numerous boons, cryptocurrencies come with their terrorizing shortcomings in the form of the fickleness of evaluation, lack of liquidity, etc. Moreover, they are being condemned in many countries because of their use in grey and black markets as it comes with their associated risks. They also have the potential use for indicted Trade and Criminal Activities and can be used for Terror Financing. Needless to say, They may also be capable of displacing the existing financial systems which enable the electronic flow of money across different political boundaries. However, this is a brief insight into the pros and cons of this latest hype, weighed unbiasedly. To make any investment decisions it's immensely essential to conduct thorough research of the various available opportunities as well as evaluate the market deeply to avoid any misfirings. The triumph or collapse of cryptocurrencies depends upon the way regulatory frameworks are devised. Different countries have approached this upheaval in different ways, so the managerial environment remains pending. The government will have to take considered steps, given the risks from the possible use of cryptocurrencies in terror financing, money laundering, and tax evasion.

-MUSKAN JAGGI

IT-2 (4TH YEAR)

WEB 3.0

Web3.0 is one of the hottest topics of this year but before getting deep into its details let's first see some aspects of Web1.0 and Web2.0 and how they were different from Web 3.0.

Web1.0 is an initial overview of what the internet was between the years 1991 and 2004 the internet was mostly a bunch of static pages meaning that whenever you loaded them, they just showed some stuff and that was what users used to call it read-only.

There wasn't any logging in or interacting with posts or viewing analytics, most of the early internet wasn't even profitable by advertisements. It was mostly one big Wikipedia all hyperlinked together. Now, of course, with time we slowly made improvements, and things like flash and JavaScript added many new different features. However, during this time, the users of the internet were consumers, who search the internet websites to gather information.

Next, we have web2.0 from around 2004 until now during this time web evolved a lot but one of the biggest changes was the interrelation of the internet this meant that not only did we get to understand from pages but the web pages started getting information from us as we viewed Facebook and YouTube and performed google searches these centralized companies started collecting data about us so that they could help customers with better content which in turn would make us stay on their websites longer this meant more money for them but later on they realized they could package up all the data they collected on us and sell it to advertisers.

Web 2.0 is the age of targeted advertising and lack of privacy for its users now to be fair we willingly gave up its privacy. Cool apps like Facebook and Twitter in 2.0 the content on our feed is the company sorting data by information that we know that we gave them but if we look at the ads, they show us what is them sorting data by the information we didn't know we gave them. One centralized company controlling all the data whether we want it or not is not so good.

Web3.0 is the next evolution of the internet probably utilizing blockchain technology and tools of decentralization. In Web 2.0 we were the product as we were browsing social networks but in web3.0 some experts believe that we will be the owner of our content, the stuff that we post online. One such example is an odyssey, which is a blockchain alternative to YouTube where videos can be posted and creators can earn library tokens which are a reward for enticing viewers to watch their videos. The thing about odyssey though is that they can't stop a video from being posted if someone

uploads it and someone else in the network wants to share it they technically download that video and play it as well.

To expand on this our post couldn't get taken down because our post wouldn't just be on one of Facebook servers. It would theoretically be on thousands of computers around the world ensuring that the blockchain social network we are on is not attacked or censored, theoretically, this means there would be a lot of illegal and hateful things posted but in the name of freedom, the users of the network could probably decide on a system to reduce that harmful content they post on webpages. The advantages of web 3.0 mainly include personal looking between audiences. It allows customers more flexibility in real life. Now it is noticed sometimes the internet working with web3.O becomes way simpler. It resonates with the latest wild technologies to give overall semantics to Web3.0 Design. Semantics Web 3.0 Design is a process that is way far to be achieved by decentralization and web vision. Well, This kind of frictionless smooth web designing experience comes from the concept of AI and machine learning. Robust analysis and the right kind of data dependency can help to create user-friendly websites. We can't touch on topics related to AI web design without going deep into the wonders of ADI, known as Artificial design intelligence. ADI will provide sufficient tools to help the streamline design process of the website. ADI systems will not give an edge to designers, it will reduce the repetitive tasks been performed to create 3-D dynamic and static web pages that are more user friendly and provides a better user experience. It allows all search results with utmost and sufficient precision.

For example- If we search the word "Mustang" on our web engines we get results related to Ford Mustang's famous car. Mustang also happens to be the name of an animal. With the semantic web design, with appropriate keywords context, the search engines will be able to differentiate both the words. doesn't that sound interesting? In a world where search practices are improving, we want our web to understand what we want to convey by that specific keyword, not what their search query understands. Since traditional search techniques are improving Web 3.0 will bring a drastic change in recent features of search engines with augmented reality. Let's look at one more example Suppose two friends X and Y are searching for a hotel in a city. They both will type the same keyword "Hotel Nearby" on the search bar but tend to get different results on their phones. This advanced AI technology results will work wonders on the way an individual thinks.

With more research and studies it now becomes clearer that it could improve data security,

platforms that are currently being used in web2.0.

In web 3.0 experts suggested that we will reach the point of the internet where every company is run by a decentralized group called a DAO which stands for Decentralized Autonomous Organization. DAOs means that there are no CEOs or Presidents, those with the most tokens get to vote on how the company changes not limited by a government or family

In Web 3.0 there will be no censorship of social networks like Facebook, one controlling authority cannot shut it down.

One of the biggest things in Web 3.0 is that our digital identity is not completely connected to our real-world identity. This means we can view websites, download stuff, and any other activity without being traced.

Well, shortly we can say that in near future we can buy amazon gift cards using meta masks and pay with the Ethereum or that we can anonymously leave a like on one of our friend's posts using one of our hidden wallets, it's not going to be a bunch of life-changing stuff all at once. It likely is a series of ideas that grow together until centralized companies like Facebook and Google are disassembled by the legislature while decentralized unregulated DAOs grow to replace them.

Imagine you meet with your family members or your friends but not really rather in a virtual world. One that is created artificially. Similarly, you are working or studying or shopping you do almost all you do in the real world, but not in the real world instead in a world where using special headsets or glasses right from your room. When you watch a film you wouldn't be watching film merely as a viewer, you would experience being in the film. Or when you watch a football match on the television, it is in two dimensions, but technically we use virtual reality then you would get a 360-degree experience of watching the football match around you.

How does it sound? Doesn't it sound a little depressing?

The metaverse promises something like this for the future. But when metaverse is talked would be a world where you will be completely in 3 Dimensions. The word metaverse is made up of two words meta+verse. The word meta is derived from Greek. It is a prefix that basically means 'beyond' and verse comes from 'Universe'. It is touted to be a technology that would replace the internet in the future and become the future of humanity. Web3.0 here plays a major role here where AR(Augmented reality) would mean something artificial elements mixed with the real world, it wouldn't be completely virtual. Web3.O here brings 5G high internet speeds to constantly upload

and the huge amount of data for the virtual network world. Metaverse and Web3.0 are interlinked to each other.

Imagine a world where all your home appliances work together using better connections. Omnipresent. Right? This become far more reliable with Web3.0 bringing IoT and ubiquitous computers together. Ubiquitous computing here paves a new way in web3.0 where the internet will be available to all at any time or location. Here not only smartphones and gadgets we will be connected to a 5G connection. IoT and AR technology will allow connections of a multitude of gadgets and equipment. Here education tools become far-reaching offering a digital way for students and teachers to foster learning.

So there is so much to see in the near future about this!!!

-Joyeeta Choubey

ECE-2 (3rd year)

A virus they call it....

WHO KNEW A VIRUS COULD DO DISASTROUS WONDERS,

CAUSE MORE DAMAGE TO THE HUMAN RACE THAN A FEW HUNDRED THUNDERS.

A SET OF TEENY-TINY CREATURES,

ENOUGH TO CONFUSE THE MINDS OF MILLIONS OF SCIENCE PREACHERS!

COULD IT GET MORE UNSETTLING TO SEE PEOPLE DYING EVERY HOUR,

OF A THING THAT'S A MILLION TIMES FINER THAN FLOUR.

THE ONLY WAY OUT IS NOT TO SEE THE WAY OUT,

AND TRY NOT TO BEHAVE LIKE A KID, WHO ONLY LISTENS WHEN HE GETS A SHOUT.

IN THIS AIR FULL OF HELPLESSNESS AND NEGATIVITY,

TRY SPREADING A MERE SPARK OF POSITIVITY,

WHOM IT MIGHT HELP, ONE DOESN'T KNOW

THINK OF IT AS SPREADING JUST A LITTLE WARMTH IN THE SNOW!

IT'S ALL GOING TO END ONE FINE DAY,

ALL WE CAN DO RIGHT NOW IS JUST SIT AND PRAY!

-BHAVYA KUMAR

CSE-2 (2ND YEAR)

Snippets of her arrows.

THE HEART ACHES WHENEVER THE MIND WANDERS IN THE GARDEN OF

MEMORIES

WHERE SHE PLANTED EVERGREEN TREES THAT INHALE ONE'S HAPPINESS

SEASONAL FLOWERS THAT SMELL OF BETRAYAL

A GARDEN WHOSE VERY SOIL HAS THE FOOTPRINTS OF HER FAVORITE ANIMAL.

A MESSED UP CREATURE THIS METAMORPHOSIS IS TURNING ME INTO

THE SHOVEL OF IMAGINATION DIGGING TO HIT THE 6 FEET MARK

THE COFFIN WAS FILLED WITH CORPSES OF POSSIBILITIES AND NEW BEGINNINGS

READY TO BE BURIED IN A GRAVE WHOSE VERY SOIL HAS THE SMELL OF HER

FAVORITE MANURE; NARCISSISM.

-ARVIND SHARMA

IT-1 (4TH YEAR)

The fountain of wisdom.

SHOW KINDNESS TO THE LIVING, RESPECT THE DEAD.

I AM, BUT A FLAWED HUMAN!

BE DUTIFUL TO YOUR PARENTS, LOVE YOUR SIBLING.

I AM, BUT A FLAWED HUMAN!

TREAT YOUR NEIGHBOR WELL! SHOW COMPASSION TO YOUR SPOUSE.

I AM, BUT A FLAWED HUMAN!

STEAL NO ONE'S WEALTH, EAT NO ONE'S RIGHT.

I AM, BUT A FLAWED HUMAN!

FEED THE POOR, DONATE TO THE NEEDY.

I AM, BUT A FLAWED HUMAN!

MY FLAWS MAKE ME A HUMAN

BUT TO MY YING THERE IS A YANG

FOR MY CAIN, THERE IS A SETH

THE FOUNTAIN OF WISDOM IN THE FOOTHILLS OF MY ERRS.

STAY FLAWED, STAY HUMAN, MY DEAR BROTHERS AND SISTERS.

-ARVIND SHARMA

IT-1 (4TH YEAR)

Either this OR that- A choice you need to make Love

ME OR LEAVE ME, DON'T HANG IN BETWEENIMPRINT ME IN

YOUR HEART OR WIPE ME OUT CLEANHAVE ME UP THERE IN

YOUR HEAD, ORHAVE ME, IN YOUR THOUGHTS, DEADPRAY

FOR MY GOOD, ORBE THE CRUEL YOU, MORE THAN ANY

SOUL EVER COULD.HANDLE ME WITH TRUST AND CARE,OR

HAVE ME WALK DOWN BURNING COAL-BARELET ME

BECOME THE CALM TO YOUR STORM,AND IF NOT, BE THE

DEVIL-IN-FORMCHOOSE TO GHOST AWAYBUT THEN DON'T,

ANY LONGER, STAY---EVEN IF MY HEART MAY-THEE-

PRAYEITHER THIS OR THAT, A CHOICE YOU NEED TO

MAKEBECAUSE BROKEN WILL BE EVERYTHING IF WE STILL

CONTINUE TO FAKE

-BHAVYA KUMAR

CSE-2 (2ND YEAR)

Gurbat(غربت)Gareebi

WO NAKAMI KE MANZAR ME GHIRE THE ZINDAGI BHAR KO...

ME ASANI SE KEH KR CHL PADA..ASAAN HI TO HAI...

YE SAB KUCHH AAM THA MERE LIE..ME JANTA TO THA...

WO GURBAT KE HZARO WAAR SE NAKAAM HI TO HAI...

NIKALU KHAMIA ME BAD ISKE BHI KE SAB KUCHH THA...

WO TUTE CHAPPALO KO GHURTA BADNAAM HI TO HAI..

SABHI HOTE NHI HAI EK, NA HI ZINDAGI SABKI...

FARK BS YE H UNKA REHNUMA ANJAAN HI TO HAI..

WO SOTE MUSHKILO KI CHADRO KO ODHKR AISE...

KI HAR EK RAAT KA YE AAKHRI ANJAAM HI TO HAI..

WO TODE ROTIA SOOKHI PADI ...HASTE SE CHEHRE SE...

YE SAB KUCHH DEKH PANA AB KAHO ASAN HI TO HAI...

-ADIL ALAM

ICE (3RD YEAR)

Poem1.struggles of teenagers

उमर थमती नही यूं तो सफ़र चलता गया हैं क्यों..

जवानी सन्न से आई गई रुकता कहा और क्यों..।

सभी के सर खुमारी नाक पर गुस्सा उतारू हैं..।

ये सब कुछ आम हैं, हम नौजवानों के निशां से क्यों..

गिरे हैं इश्क मे कुछ , जा पड़े है मुसिकी गम चूर...

हैं चीज़े फालतू पर फिर मज़ा किसमे बचा और क्यों..।

ये उमरे इल्म का भी बोल बाला, खूब करती है..

ना साबित कर सकें, फिर चुनते रस्ते खुदकुशी के क्यों..।

कभी चाची कभी फूफा कभी मामू के तानों पर..

परेशां किस क़दर है, पूछते फिर हम परेशां क्यों..।

ना हम शतरंज के प्यादे,ना भेड़ों बकरियों से फिर..

मुक़ाबिल सा बनाकर, पेश करते इस जहां में क्यों..

जवानी लाख खूबियां गिनाती है बुढ़ापे में...

फिर अपने दौर में ही बेरहम मालूम होती क्यों..।

-ADIL ALAM

ICE (3RD YEAR)

Society-destructor of one's personality

LET ME SPEAK, YOU HEARTLESS WORMNOW SEE, IT'S

JUST MY TURN!WHAT DO YOU THINK, IF YOU WILL

NOT LISTEN TO MY CRY,WILL I GIVE UP AND NOT TRY?

WELL IF THIS IS WHAT YOU THINK, THEN YOU FOOL,I

WOULD USE YOU ONLY AS A TOOL!I WILL NOT LET

YOU CONTROL MY LIFE ANYMORE,THIS WORLD WILL

NOW HEAR MY ROAR!THIS IS THE RE-BIRTH OF YOUR

DESTRUCTION,I WILL MAKE YOUR INTRODUCTION TO

THE ONE REBORN,WHO HAS SWORN,NOT TO LET YOU

WIN A SINGLE BATTLEAND WHO WILL NOT ALLOW

YOU TO SHATTER,THE DREAMS AND ASPIRATIONS OF

ANOTHER GIRL,WHO IS TRULY FROM THE INSIDE, A

PEARL

BHAVYA KUMAR

CSE-2 (2ND YEAR)

A New Spring's Winter.

THE BRUISES HAVE DISAPPEARED

A SPRING IN MY HEART

A LOST BATTLE, SHOW 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!

ARVIND SHARMA

IT-1 (4TH YEAR)

IT'S YOU

IT'S YOU

IT'S ALWAYS BEEN YOU

THE ONE WHO MELTS MY HEART

THE ONE WHO'S MY COUNTERPART

THE ONE I COULDN'T PREDICT

THE ONE WHO COULDN'T BE TRICKED

THE ONE I SECRETLY PROTECT

THE ONE I COULDN'T EXPECT

THE ONE WHO MY HEART WANTS

THE ONE MY SOUL CRAVES FOR

PLEASE ACCEPT MY FEELINGS AND STAY WITH ME

I AM LIKE A TRAVELER WITH YOU AS ITS DESTINY

GARVIT SINGH

IT2 2ND YEAR

ज़ुल्फ़ेन- ACID ATTACK

पहला दिन था कॉलेज का वो निकली घर से,

होठों पर लिपस्टिक, थोड़ा सा मेकअप और खूबसूरत मुस्कान के साथ,

नया महल, नई यादें, होनी थी वहा कहीं नए लोगो से नई मुलाकातें।

वो ज़ुल्फ़ेन समेत रही अपनी, क्योंकि उसकी कामयाबी उसकी खूबसूरती का जवाब दे रही,

अपनी सपनों की मंज़िल में वो नए ख़्वाब जो देख रही।

नई उड़ान का पहला दिन था, कॉलेज का रास्ता भूल गई वो,

किसको क्या पता था अपनी मंज़िल से दूर निकलने वाली थी वो।

मेट्रो से उतरी, तभी चार लड़कों की नज़र उसपर पड़ी,

अंजान थी वो गलियों से तो अंजान की मदद लेने चल पड़ी,

भैया ये कॉलेज का पिलर नंबर बता सकते क्या आप मुझे?

बता तो दे पर हमें क्या मिलेगा उसके बदले!

इंसानियत के इस रूप का उसे हैवियत में जवाब मिला था !!

नजरें कहीं और थी उस लड़के की वो लड़की के थप्पड़ पर भी ना हिला था,

इज़्ज़त को संभलने उस लड़की की, लोगो ने कदम बढ़ाया,

क्या सही क्या गलत उस लड़के को समझाया

पर गुरूर उस लड़के का इतना की वो थप्पड़ की वझा न जान कर,

जो गलती अपनी बदनामी की, बस बेइज़्ज़ती समझ पाया।

ज़ुल्फ़ें समेटकर लड़की अगले दिन फिर कॉलेज के सफर पर चलती,

पर न जाने तक़दीर ने कुछ ऐसा रूप दिखा डाला,

कुदरत भी काँप उठी जब उन लड़कों ने एसिड अटैक से एक लड़की के ईमान को जला डाला।

ख़्वाब थे उसके भी, जो अब अधूरे से लगते हैं,

पिता के सपने पूरे करने थे जो अब सूने से लगते हैं ,

उसकी मुस्कराहट पर जो उसकी रोती मां हंस जाती,

आज उसे ऐसा देख कर उसकी मां रो भी नहीं पाती।

जो लड़की ज़ुल्फ़ेन समेट अपनी खूबसुरती का मंजिल की तरफ पेगाम रखती

आज उन्ही ज़ुल्फों से अपना वो चेहरा क्यों है ढकती ?

MAYANK HORA

(3RD YEAR, CSE)

Midnight Thoughts

THE TEARS FROM MY HEART

AND THE SCREAMS OF MY MIND

BREAK ME EVERY DAY, LITTLE BY LITTLE

WAS IT THE RIGHT CHOICE, OR WAS I JUST DUMB

WAS I RIGHT AT THAT TIME, OR WAS I COMPLETELY WRONG

AND MANY MORE, ARE ASKED EVERY DAY

WHAT TO DO, AND WHAT TO NOT

THAT'S THE ANSWER, MY HEART WANTS

WILL I BE ALONE IN THE END, LIKE I WAS THEN

WILL I HAVE TO SUFFER, AS I DID THEN

THE PAIN OF THE STRUGGLE STILL HAUNTS ME AT NIGHTS

MAKING MY DREAM OF

ALL THE BAD TIMES

THE MEMORIES KEEP HURTING ME

AND SO DOES THE HOPE

THAT EVERYTHING WILL BE ALRIGHT

ONCE MORE

MENTAL HEALTH

"The only journey is the journey within." – Rainer Maria Rilke.

Mental health refers to cognitive, behavioral, and emotional well-being. It is all about how people think, feel, and behave. People sometimes use the term "mental health" to mean the absence of a mental disorder. The WHO stresses that mental health is "more than just the absence of mental disorders or disabilities."

Mental health can affect daily living, relationships, and physical health. However, this link also works in the other direction such as Factors in people's lives, interpersonal connections, and biological factors that can all contribute to mental health disruptions. Looking after mental health can preserve a person's ability to enjoy life. Doing this involves reaching a balance between life activities, responsibilities, and efforts to achieve psychological resilience.

Conditions such as stress, depression, and anxiety can all affect mental health and disrupt a person's routine.

In this article, it's been discussed & explained how mental health is affecting the health of college-going students.

Attending college can be a stressful time for many students. In addition to coping with academic pressure, some students have to deal with the stressful tasks of separation and individuation from their family of origin while some may have to attend to numerous work and family responsibilities. In this context, many college students experience the first onset of mental health and substance use problems or an exacerbation of their symptoms.

Given the uniqueness of college students, there is a need to outline critical issues to consider when working with this population. Therefore, first, the prevalence of psychiatric and substance use problems in college students and the significance of assessing the age of onset of current psychopathology should be elaborated to them. Then, the persistent nature of mental health problems among college students and their implications should be summarized.

Finally, important aspects of treatment to consider when treating college students with mental health problems should be outlined, such as the importance of including parents in the treatment, communicating with other providers, and employing technology to increase adherence. It is concluded that, by becoming familiar with the unique problems characteristic of the developmental stage and environment college students are in, practitioners will be able to better serve them.

Thus, it should also be emphasized that preserving and restoring mental health is crucial on an individual basis and throughout different communities and societies worldwide.

SHRUTI MISHRA

3rd year

"To feel intensely is not a symptom of weakness…"

"To feel intensely is not a symptom of weakness…" So often, sensitive people are judged daily that they are too weak for this world or do not have any control over their feelings. They are expected to be tough on the outer side no matter what kind of difficulties they are going through in their lives. Some people are just so emotional that even if they see a child begging on the streets, they feel for him/her. It makes them feel as if it's their fault that has led to this situation. Such people are claimed as 'weak'. One good example of those people is 'Me'.

I feel very connected with this quote, as I believe that this quote clearly defines me. As others say, I am a very sensitive being who takes everything straight to the heart and delivers emotions through the same. Quoting my incidents, I try to keep control of my tears, but unfortunately, my emotions always overpower the thoughts in my mind. As a result, people around me always showed great support and care, but later advised me not to cry as it makes me 'weak' or 'submissive'. I always used to blame myself for crying in public and never understood why it happened so frequently to me. But as I gained experience, I started to realize that it is not a sign of weakness, but to have a pure heart in a cruel world is a sign of strength.

Since then, I have made some improvements but have never regretted being sensitive. I decided not to cry in front of those or for those who have wrong intentions for anyone. I still care and feel for those who have helped me in every situation and stood by my side no matter what. I am filled with the self-belief that even though I am sensitive, I am not weak in front of anyone. To have a heart filled with good thoughts and emotions for others is a good sign, and I am proud to have it.

-Samridhi Kurar

IT-1 (4th year)

Destigmatizing Mental Health

The state of one's psychological, emotional, and social well-being is defined as "mental health". Mental health also means keeping our minds healthy. Proper mental health results in proper mental functioning, which, in turn, results in being productive in activities.

People usually forget that the mind is also a part of our being, actually the most essential part of our body, and many tend to ignore the fitness of their minds. They generally focus on keeping their physical body healthy. Man is only considered superior to other animals because of his highly developed brain. So, a person needs to keep both his body and mind fit and healthy. Both mental health and physical health go hand in hand and are equally crucial for optimum performance and quality of life.

An emotionally fit person will always feel vibrant and truly alive and will easily manage emotionally difficult situations. Mental fitness follows physical fitness. Many emotional factors significantly affect our fitness level, like depression, aggression, negative thinking, anxiety, frustration, etc. A person, who is physically fit and in a good mood, can easily cope with any situation of distress and difficulty.

Good mental health equips people with the ability to effectively deal with stress, and maintain stability in relationships. Students with healthy minds can efficiently cope with academic pressure. Their mind is strong and capable enough to face fierce competition and succeed in realizing their goals.

Sadly, There are a lot of stigmas attached to mental health illness, due to which very few people approach a doctor to deal with their issue. Unresolved mental illness contributes to poor physical health, higher medical expenditure, inferior performance at the workplace, and school, fewer job opportunities, and increased chances of suicide.

Poor mental health can lead to two major types of disorders that impact the day-to-day functioning of the body. Some of these disorders are:

- Anxiety Disorders – Over eighteen percent of adults suffer from an anxiety disorder. It is observed in the form of obsessive-compulsive disorder, panic attacks, post-traumatic stress disorder, widespread anxiety disorder, and specific types of fears.
- Mood Disorders – This type of condition is characterized by general depression, bipolar depression, and the inability to maintain a normal mood. This condition impacts around ten percent of adults each year.

Hence, to combat these early signs of crumbling mental health, I have mentioned how you can improve your mental health.

- Surround yourself with people who accept your situation and treat you for who you are. This will help you to successfully cope with the illness.
- Enhance your knowledge about mental health to get the necessary support to deal with the issue.
- Maintain a regular exercise routine
- Focus on eating a healthy and well-balanced diet
- Connect with other people, family, and friends to get emotional support
- Always be grateful in life
- Pursue a hobby or any creative task that you love to do
- Get proper sleep

One must understand that being both physically and emotionally fit is the key to success in all aspects of life. Children should be educated about the importance of mental health, which would help them in breaking the stereotypes around mental health that today's society has created. This would also help them deal with mental health issues and, thus, live a healthy life. People should be aware of the consequences mental illness can cause and must give utmost importance to keeping the mind healthy like the way we keep our physical body healthy.

Muskan Jaggi

IT-2 (4th year)

CAREER- Earning potential or passion?

Two roads diverged in great life, and we should take the one where the heart holds our hand, and that will make all the vibrant difference.

To cherish all the greed, money is a need. But as it is rightly said, money can't buy happiness, similarly, our luxuries gained from our career based on our earning potential will not buy pleasure for our mind. We all are busy in filling out bags, but we don't realise that we have only one life, only a single chance to make us happy, to make us satisfied from life, where our toe to head wishes to dive in it. We all have heard that artificial intelligence is working on making robots which will act like humans. But we're not aware that we are turning into robots. In this life, we are just following the order of our head and doing it keeping our heart aside. However, when our heart chooses our career, our hands weave to perform the things best. Our soul wishes to make our actions better. There was a time when people used to believe that passion will not buy our daily essentials. But the internet has helped us overcome this hurdle. If one is a master in something, then the internet lets us showcase it to all the places and let the world explore the priceless talent. Gold is not what we wear; gold is what we are.

Sudiksha Gulati
ECE 2
2nd year

Drinking- A TABOO In Indian society

Someone said, "Don't judge a book by its cover," then why do we judge people based on holding a glass of beer?

If we dig past it, then we will realize that the consumption of alcohol is not a new thing. This has been a habit of people for ages. All rulers, thieves, and other high post people used to have it in their leisure time. History has often shown that these high-class men and criminals get entertained by a glass of alcohol and dancers. Consuming alcohol seems hereditary and various forms of it have evolved from time to time. And now it is not only for high classes and criminals, it is a pleasure for every other person in this universe.

Drinking has two faces these days, a face of coolness and a face of characterlessness. On the one hand, one section of society estimates drinking as a trendy fashion of holding a beer bottle and saying 'cheers' to each other. While the other section puts a question mark on the drinkers and doubts the character of those people and their families. They assume that there must be a fault in upbringing as according to them when a person drinks, he loses the character of being polite and humble and converts into a demon of cruelty and aggressiveness. And due to all these reasons, he performs punishable acts.

If we focus on the first section, they believe drinking in the car, and chilling out in pubs and bars with so-called 'friends' is not only a part of the fun but also a fashionable act which shows that they are trendy and belong to the rich class as they have a huge influence of western culture. The "getting high" concept published in foreign movies or web series, is copied by Bollywood to make their content more interesting. They perform scenes like drinking and driving at full speed on highways, high class organizing a party in a 7-star hotel and every party member is saying 'cheers' to some expensive drinks or getting high and roaming in streets with strangers aimlessly. However, the watchers failed to realize that these all seem good in a fairy-tale world only. Turning this into reality may lead to disasters. As alcohol works as a depressant, it directly affects our central nervous system which consists of the spinal cord and brain. When a person drinks, he first feels good due to the release of Dopamine. With more consumption, one feels tired due to the release of Adenosine, a chemical responsible for making someone feel tired. Also, releasing Glutamate because of an overdose of alcohol affects the brain. After getting high one may experience difficulty in walking, standing, and talking, damaged organs like the liver, acute gastritis, and vomiting, cancer of the pharynx, oral cavity, esophagus, and larynx, decrease in the erectile capacity, shrinkage of seminiferous tubules and low sperm count in men and impaired judgment and vision. The effect on the body may differ due to gender, weight, the type of alcohol consumed, and how quickly it is consumed. Not only that, even the world shows its cruelty by taking advantage of you when you lose your consciousness, like, small thefts, taking your unethical video or photographs, etc. Not only this, the consumption of alcohol by drivers is not only dangerous to them but also a threat to pedestrians. However, we failed to realise all this and jumped into the swamp. And the outcome is pain. A small show-off or desire messed up your whole life.

VEGANISM V/S VEGETARIANISM

Very often, people find the two terms vegan and vegetarian very similar and are therefore not able to differentiate since they seem to carry the same meaning. However, with the diet regime and weight loss craze, three types of diets are mentioned, that is, raw, vegetarian and vegan diets.

Vegetarianism by simple definition excludes meat from their diet; veganism excludes both meat and other animal products such as milk and eggs from the diet while raw excludes all cooked food and also comes with veganism.

It is a common misconception that the vegetarian diet exclusively consists of vegetables however this diet is derived from plants. According to VegetarianVegan, vegetarians can be classified in more than one type of food consumed namely; strict vegetarian, Lacto-vegetarians, Pesco-vegetarians or Pescetarians, and semi-vegetarians.

The concept behind vegetarianism, veganism, and raw diets is almost similar and because it's mostly a lifestyle, one may ask why people choose either diet. First and foremost, most people have adopted these diets for ethical reasons and cite the cruel way that animals are treated when slaughtered, debeaked, forced to lay eggs using artificial means and feed, and put in crowded, dirty environments.

One's personal beliefs drive the extremes such as staunch and pseudo vegetarians, and as a result, set the boundaries that seem morally acceptable to them. For example, staunch vegetarians regard uprooting carrots through a vegetable as killing and will therefore not eat them while for pseudo vegetarians; regular intake of fish and chicken is acceptable.

Though most health and nutritional practitioners will not recommend an exclusively vegetarian diet, they recommend balanced portions of plant and animal products with more plant than animal products as the healthiest diet.

Therefore a diet with a combination of meat and plant product is healthy only when served in the right portions and with the choice of more than one form of vegetarian diet, the Pesco-vegetarian diet would be my most preferred.

In conclusion, it is good to unravel the myth that you have to be a Buddhist or a Seventh-Day Adventist to be a vegetarian. This is not true because people who desire a lifestyle change bring their health first irrespective of their spiritual beliefs hence anyone can be a vegetarian or vegan.

Muskan Jaggi
IT-2 (4th year)

Management

Life is what we make of it?

Someone truly said, "if we limit Advisors only to what seems possible or reasonable, we disconnect ourselves from what we truly want and all that is left is compromised". In other words, we can say Living In Full Energy is a precious gift to us.

We all demand only one thing from our lives which is happiness, a bed of roses. And to achieve those each rose petal, constantly sedulous ourselves. And that's how a beautiful rose comes out.

Our informed decisions in each stage of the seven stages of life make us what we are. Consider the famous motivational speaker, Nick Vujicic.

He is an Australian, 33 years old man. He was born with a disorder known as Phocomelia, characterized by the absence of legs and arms. He struggled mentally, physically, and emotionally. And today, to our surprise, he is not only a motivational speaker but a painter, a swimmer, and a skydiver too.

He lit all the candles of dedication to dispel the darkness from his life. Life is a journey, not a destination. So live it with all the greatest Heights.

-Sudiksha Gulati

ECE-2 (2nd year)

EUREKA