



# INSIGHT

DEPARTMENT OF COMPUTER SCIENCE  
VOL - 2 ISSUE - 1 (2022-23 ODD)

INSIDE  
*the*  
NEBULOUS  
SPHERE  
*of*  
INNOVATIVE  
GRANDEUR  
*of*  
HOLISTIC  
TECHNOLOGY

The abbreviated name of the magazine known as "INSIGHT" which stands for "Inside the Nebulous Sphere of Innovative Grandeur of Holistic Technology" implies a metaphorical representation of an abstract and elusive realm where revolutionary ideas and advancements in technology exist.

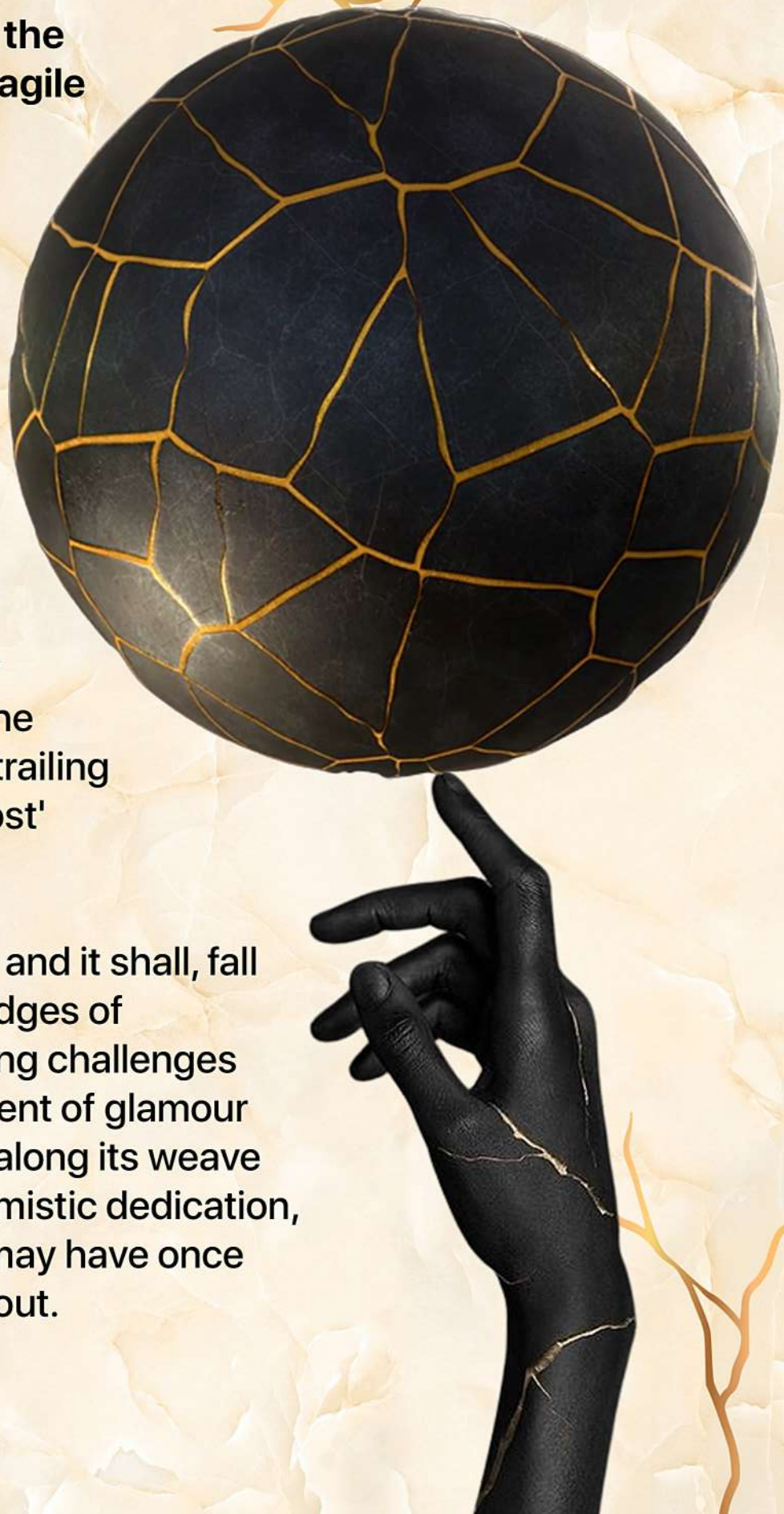
It suggests that within this sphere, there are remarkable and awe-inspiring innovations that adopt a comprehensive and interconnected approach, encompassing various dimensions of technological development.

# KINTSUGI

**"Tenderness resides in the intricate resilience of fragile imperfections, delicate amidst the sparkles of redefinition."**

The Japanese art of Kintsugi defines the edges of this statement in its precise diligence, dedicating the muse of a hypnotic charm to the flaws which kindle the coherence in the beauty that unveils its pride in the times of demand of the trailing tears of a presumably 'lost' charisma.

For all in existence does and it shall, fall apart into the piercing edges of mistaken sharpness along challenges where the tantalising scent of glamour can only be interpreted along its weave through the gold of optimistic dedication, so as to recollect what may have once been observed as a fall out.



# CONTENT

M  
E  
S  
S  
A  
G  
E  
S  
(01-06)

The Director's Note  
The Joint Director's Note  
The Dean Academic's Note  
The HoD's Note  
The Addl. HoD's Note  
The Editorial Team's Note

Y  
O  
U  
R  
S  
G  
E  
E  
K  
L  
Y  
(07-16)

This VS That  
The Now Generation  
The Tech Hub  
The Eminent Personality

M  
O  
S  
A  
I  
C  
(17-22)

The Artistic Avenue  
Rhyme and Reason  
The Shutterbug Showcase

# CONTENT

A  
C  
H  
I  
E  
V  
E  
R  
S

(23-28)

The Tech Prodigies

The Non-Scholastic Triumphs

P  
R  
I  
D  
E

(29-32)

The Alumni Insights

Final Year Talks

The Batch Toppers

S  
N  
A  
P  
S  
H  
O  
T  
S

(33-34)

CS Departmental Fest

Innotech @ CS Department

Others

# MESSAGES

The future is always optimistic of what it has to offer and it is the people in time who construct the path for this visionary outlook.

Observing this as its prime belief, the Department of Computer Science has never left any chance to facilitate the conduct of creative deliberation. This vision has indeed proven for itself to be a significant step towards not only the curricular development of the students but also the disentangling of their out of the box approach and perspective towards the resolution of issues and irregularities in the social dynamics which a majority of the recruiting companies tend to hunt for.

This magazine, 'INSIGHT' is yet another momentous initiative of the department in establishing a bridge of creative innovation and originality, for the ideas of the technical field and the creations of the cultural field to collide. I look forward to this inaugural edition of INSIGHT and wish the students and the staff to have a successful publication of this edition alongside a noteworthy processing of the others to come



**Dr. Col. A Garg**

Director, KJET Group of Institutions



**Dr. Manoj Goel**

Joint Director, KIET Group of Institutions

"It brings me immense pleasure that the Dept. of Computer Science is back with yet another approach which focuses on polishing the mix of technology and creativity where talents of all sorts can collide and create uniqueness.

I look forward to what the editorial board has compiled for this edition of INSIGHT.

Moreover, I wish this magazine with the best of luck in setting new standards to what the college is optimistic of, in the conjunction of culture with technology."

The Dept. of Computer Science is dedicated in its pursuit of nurturing an adoption of innovation in vision, embracing the versatility of individuality in ideas to appreciate the multiple dimensions of creativity rejuvenating along an interactive environment. In accordance with the consistency of unique perspective and approach showcased by the department, I have great expectations from the inaugural edition of its departmental magazine, 'INSIGHT' and I look forward to the contributions of the students and the editorial board in all that is to come.



**Dr. Anil Kumar Ahlawat**  
Dean (Academics)

# MESSAGES

There is no doubt in the belief that Computer Science is a revolutionary name in this world of concrete professional establishment, voicing technological innovation. On this note, the Department of Computer Science stands by its word of designing a remarkable path for the aspiring engineers who dream of bringing about a science oriented evolution that can explore a variety of skills amidst the environment of networked interactions.



**Dr. Ajay Kumar Shrivastava**  
Head of Department, CS

INSIGHT is the department's imagery, dedicated to not only showcasing and appreciating the talents growing within the walls of the department but also highlighting the words of wisdom, narrated by professionals ranging from the departmental seniors to certain influential personalities, offering the students with an opportunity to sharpen their skills varying in terms of domains and fields.

Best wishes to the department and the students for this inaugural edition of INSIGHT.



I am deeply proud to witness the students of the department displaying their diligently dedicated enthusiasm towards the designing process of the Departmental Magazine, 'INSIGHT.' I highly appreciate the approach adopted by the staff and the students since the days of the introduction of the mere idea of a departmental digest.

It is always a pleasure to see students taking the initiative to create something new and innovative. The departmental magazine is a great way for students to showcase their creativity and talent, and I am confident that it will be a valuable resource for students and staff alike.

I hope that this magazine leaves a notable impact on one and all, motivating the students of the entire institutional group, thus, applauding the creative ideology of the students involved. The magazine is a great way to share information and ideas, and I am sure that it will be a valuable tool for students and staff alike.

I extend my best wishes towards the production team and look forward to the significant inauguration of INSIGHT. I am confident that the magazine will be a success, and I wish the team all the best in their endeavors.



**Mr. Raj Kumar**  
Assistant Professor & Addl. HOD



**Rhythm Garg**  
GFX Designer



**Jhalak Saxena**  
Content Writer



**Kritika**  
GFX Designer



**Sukriti**  
Content Writer

## Faculty Co-Ordinators' Message

We, the faculty coordinators of the college magazine, are excited to announce the launch of our new issue! This issue is packed with interesting articles, essays, poems, and stories written by our talented students and alumni. We also have a special section highlighting the achievements of our students. We hope you enjoy reading this issue as much as we enjoyed putting it together.

- Anshula Gupta (Ast. Prof.) & Shivani (Ast. Prof.)

## Editorial Team's Message

**"Embrace imperfections like Kintsugi does and use them as an opportunity for growth and transformation, repairing them with the golden lacquers of creativity, resulting in a one-of-a-kind masterpiece of exceptionally stunning beauty in the mystic of uniqueness."**

Our involvement in the editorial board of the departmental magazine has unfolded as an unparalleled honour, afore our dignity which is grateful for this glory and as we approach the completion of the inaugural edition of our departmental magazine, 'INSIGHT,' concluding our exploration of 'Kintsugi,' we find it in our deepest pleasure to extend our heartfelt gratitude towards everyone who offered us an arm of support and guidance.

We would like to express our sincerest courtesy towards the Head of the Department, alongside our faculty co-ordinators, Ms. Anshula Gupta and Ms. Shivani, who provided us with the opportunity to serve as members of the editorial board while emphasizing their trust and confidence in our decisions and design. Furthermore, we would like to express our gratitude towards all the dignitaries for their heartfelt, influential and encouraging messages which motivated us.

We hope that this magazine spreads into words as an informative, insightful and enjoyable one, as we look forward to its introduction in its further editions to come.

# ANDROID

## Customization

Open-source nature thus allowing users to customize their devices to a greater extent.

Ability to personalize home screens, install third-party apps from various sources, and tweak system settings to suit user preferences.

## Google Play Store

The Google Play Store, which is the app store for Android, offers a vast array of apps, including third-party app stores which provides users with more bility in terms of app choices.

Higher risk of downloading apps that may contain malware or viruses.

## Hardware Diversity

Manufactured by various companies such as Samsung LG, Google, and many others, resulting in a wide range of devices with varying designs features and price points.

Diversity in devices based on preferences and budgets.

## Privacy and Security

Lack of stringent privacy and security measures due to its open-source nature.

However, Google has made significant efforts to enhance the privacy and security features in recent years, such as introducing app permission management, biometric authentication, and regular security updates:

## Integration with Ecosystem

More flexibility in terms of integration with other devices and services as it can be used with a wide range of devices and platforms beyond smartphones and tablets.

## Hardware and Price

Available at various price points, making them more accessible to budget-conscious consumers.

Available in various shapes and sizes.

T  
H  
I  
S



# IOS

## **Simplicity**

iOS is known for its simplicity and consistency.

offers a uniform user experience across all its devices, with limited customization options.

appealing to users preferring a streamlined and consistent interface.

## **Apple App Store**

Strict app review process, resulting in a more curated and secure app ecosystem.

Apple's review process ensures that apps meet certain quality and security standards before they are made available to users which can provide a more secure experience for IOS.

## **Unified Ecosystem**

OS devices such as iPhones and iPads are exclusively manufactured by Apple, which means a more unified ecosystem with consistent design and user experience across devices.

Appealing to users who prefer a seamless integration of hardware and software

## **Privacy and Security**

Robust security features including end-to-end encryption for Messages Face ID, and Touch ID for biometric authentications and a more stringent app review process.

Commitment to user privacy, positioning it as a key.

## **Integration with Ecosystem**

Seamless integration with other Apple products and services, such as Cloud Message Apple Music and Apple Watch creating a unified ecosystem.

easily sync and access their data files and services across multiple Apple devices, resulting in a consistent experience

## **Hardware and Price**

Premium quality, with a sleek design, high-end components and a hefty price tag .

T  
H  
A  
T



# CHATGPT: AN OVERVIEW OF THE LARGE



**Apoorva Singh**  
5B

***Artificial intelligence (AI) has become one of the most talked-about topics of the 21st century. With a multitude of applications in business, healthcare, education, and more. ChatGPT, a natural language processing algorithm, is one of the latest advancements in AI technology and is quickly becoming the AI technology of choice for many businesses.***

ChatGPT is a large language model developed by OpenAI, based on the GPT-3.5 architecture. This advanced AI technology has the ability to process natural language to understand and generate human-like responses.

ChatGPT is trained on a massive dataset of diverse texts, enabling it to answer a wide range of questions and perform various language-related tasks.

## **What is ChatGPT?**

ChatGPT is a type of artificial intelligence that uses deep learning algorithms to process natural language. It is an advanced version of OpenAI's previous models such as GPT-3, and is designed to perform more complex language-related tasks.

It is trained on a massive dataset of diverse texts including books, articles and websites, which allows it to understand and generate human-like responses.

## **How does ChatGPT work?**

ChatGPT uses a neural network architecture to process natural language. The neural network consists of multiple layers of interconnected nodes and each node performs a specific function in the language processing task. Being trained on a massive dataset of texts, ChatGPT is capable of understanding the context of a given sentence or phrase and generating a corresponding, appropriate response.

# Some Applications of ChatGPT

## 1. Customer Service:

ChatGPT can be used in customer service chatbots to provide quick and efficient responses to customer queries by understanding the customer's message to provide appropriate responses while reducing the need for human intervention.

## 2. Language Translation:

ChatGPT can be used in language translation software to provide accurate translations of texts from one language to another by understanding the context of the text and generating its accurate translation. This makes it a useful tool for businesses operating in multiple countries.

## 3. Content Generation:

ChatGPT can be used to generate content for various purposes such as marketing, social media and journalism associated applications as it can understand the context of the topic and generate high-quality content that is indistinguishable from human-generated content.

## 4. Educational purposes:

ChatGPT can be used in educational settings to answer questions raised by students, providing explanations of complex topics as it can understand the context of the student's questions and provide accurate responses, serving as a useful tool for online education.



## Conclusion:

ChatGPT is an advanced AI technology that has the ability to process natural language, understand context of matter and generate human-like responses. It is trained on a massive dataset of diverse texts, enabling it to perform various language-related tasks. ChatGPT has a wide range of applications in different fields including customer service, language translation, content generation, and education. As the technology continues to evolve, we can expect to see more innovative applications of ChatGPT in the future.



ChatGPT: Where Language meets Intelligence and Conversation meets Innovation



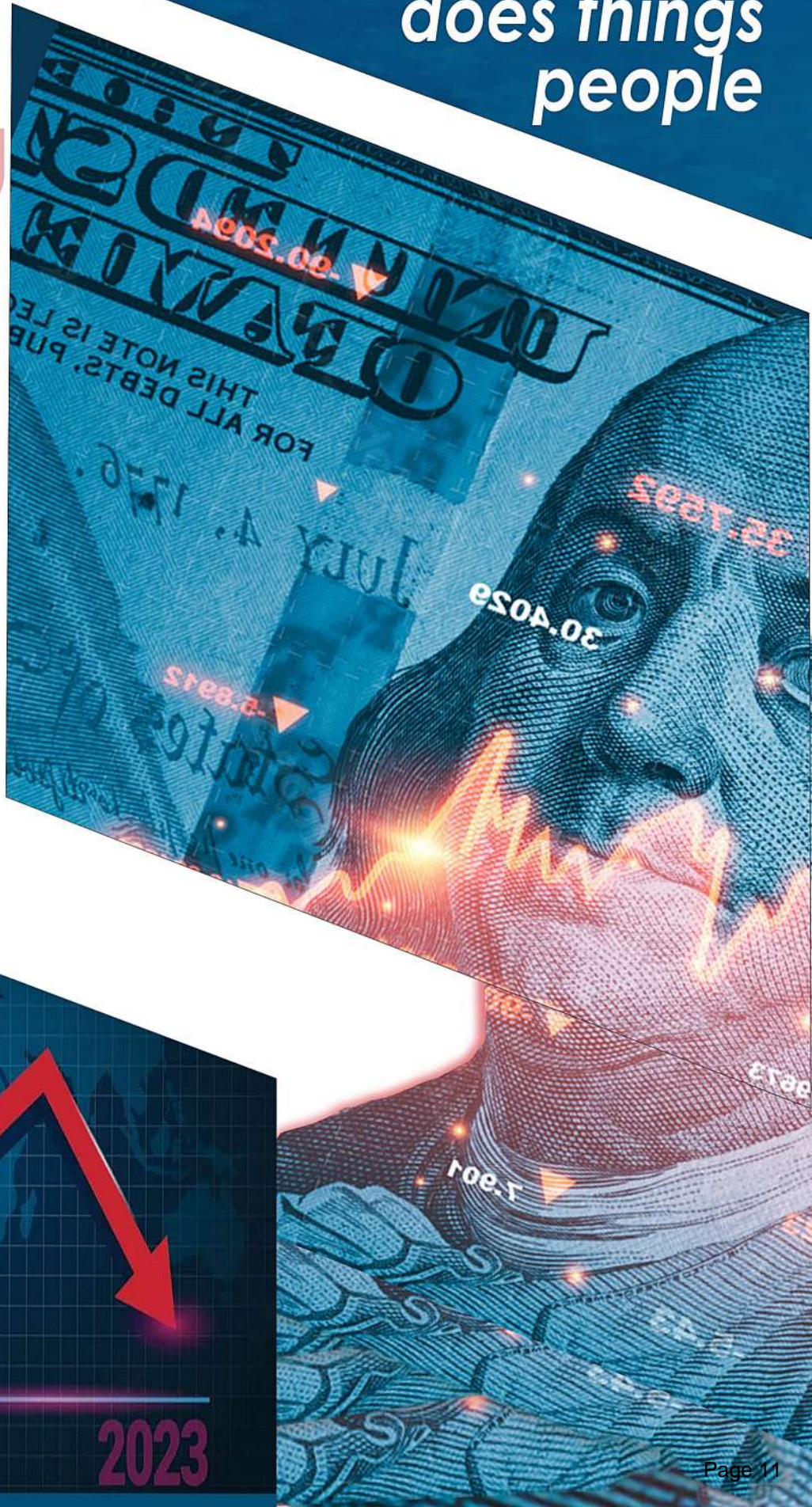
# Winners in recession produce new does things people



**Sukriti  
3C**

The tech industry is observed as a safe haven during economic downturns as technology is constantly evolving and innovation is consistently growing to offer the best of itself. However, what the industry is not immune to, are the effects of a recession.

So, does the thought of getting trapped in the fearful clutches of a recession scare you? If yes, we have got a list of a few measures you can adopt to survive the situation a recession may bring with itself!



2022

2023



are the people who  
technology that  
better, which  
really want

# RECESSION

## Build Your Skills

Computer science students can stand out afore the companies, during a recession by appearing as candidates who can add value to their business. For this, students should practice building skills through online courses and webinars on programming languages or technologies.

## Participate in Hackathons

Hackathons can be adopted as a great way to showcase individual skills and build networks with collaborative developers while seeking for opportunities to solve real-world problems, acquiring problem-solving skills.

## Build a Portfolio

Creating a portfolio, compiling the projects they may have worked on, alongside some code samples and certain sorts of relevant work which they may have done can prove to be an excellent way for students in presenting themselves to the recruiters, offering the companies with a tangible way to evaluate the skills which make them stand out in a crowded job market.

## Build a Network

Networking by attending industry conferences and events, connecting with the domain professionals on LinkedIn and participating in online forums are some of the activities which can help students build relationships with people who can offer them with valuable career advice or job leads.

## Be Flexible

A recession brings about the doubt of availability in jobs in the preferred fields of people and such a scenario demands flexibility of the student in considering jobs of a varied zone or industry as it not only assures a job but also promises a new set of skills and experiences.

# WEB 3 REVOLUTIONIZING THE INTERNET

Web3, also known as the decentralized web, is the next evolution of the internet. Unlike the current web, which is primarily controlled by a few centralized corporations, web3 is a decentralized network that is built on blockchain technology. This means that web3 is not controlled by any single entity, and users can interact with each other directly, without the need for intermediaries.

## Decentralized Applications (dApps)

At its core, web3 is about creating a more open, transparent, and democratic internet. This is achieved through the use of decentralized applications (dApps), built on top of the blockchain which enable users to interact with each other and with the network directly, without the need for intermediaries.

transactions can be completed more quickly and cheaply, and it also makes it possible for people in developing countries to participate in the global economy.

## Challenges to overcome

### Scalability

The current blockchain technology is not yet able to support the millions of transactions per second that would be required for web3 to become truly mainstream.

### Usability

As many of the current dApps are still difficult for the average user to navigate and understand. In order for web3 to become truly accessible to everyone, it will need to be as easy to use as the current web.

# WEB3



applications (dApps), built on top of the blockchain which enable users to interact with each other and with the network directly, without the need for intermediaries.

## Advantages of Web3

### Greater security and resilience than the current Web

As web3 is decentralized, there is no single point of failure, and no single entity that can be hacked or shut down. This means that web3 is much more resistant to censorship, and it is much harder for bad actors to manipulate or control the network.

### User's data under their own control

Currently, most of our data is controlled by large corporations, who use it for their own purposes without our permission. With web3, users can control their own data, and they can choose who they share it with and how it is used.

### Revolutionising Business

Because it enables direct peer-to-peer transactions, it eliminates the need for intermediaries like banks and payment processors. This means that

## Conclusion

In conclusion, web3 is a truly transformative technology that has the potential to revolutionize the internet as we know it.

By creating a more open, transparent, and democratic internet, web3 has the potential to empower individuals and communities around the world, and to create a more fair and equitable global economy. While there are still many challenges to overcome, the potential benefits of web3 are too great to ignore.



**Soumya Gupta**  
3C

# INVENT OF IOT

Internet of Things (IoT) is a term used to describe the network of physical objects, devices, vehicles, buildings and other items, objects or systems that are embedded with sensors, software and connectivity which allow them to exchange data with other devices and systems over the internet. It mainly helps devices to communicate with each other by using sensors and cloud.



**Nayan Pathak**  
3B

## Surge in Popularity

IoT has the ability to provide real-time data and insights which promote an improved efficiency and decision making quality while reducing the expenses. It has already been transforming the industries of healthcare, transportation, manufacturing, agriculture alongside many others and is expected to continue with its remarkable impact on the sectors of concern, in future.

## Advantages

Sensors embedded in IoT devices can collect a vast amount of data ranging from temperature to light levels to traffic flow, energy consumption, and machine performance, which can further be analyzed and used to make informed decisions, optimize processes and improve overall efficiency.

*"If you think that the internet has changed your life, think again. The Internet of Things is about to change it all over again!"*

## Future Scopes in the Industry

The government has been emphasising on IoT for a majority of the recently registered times, in order to support smart city projects which claim to promise an increase in job opportunities for IoT enthusiasts, in the times to come.

## Conclusion

Internet of Things has been accepted as an asset which promises the potential of transforming a majority of the aspects of our lives. However, it is important to address the challenges and risks associated with this technology to ensure its success and maximize its potential benefits.

# STEVE JOBS

## A VISION INFLUENCE

Technology is the realm of perseverance which seeks for nurturing in the consistency of dedication towards innovation and the one beholding this belief as a dictum, is briefly professed as the redefinition in the legacy of revolutionary optimism.

Renowned in the influence of this statement, Steve Jobs grew to be more than just a name in the world of technological evolution.

Growing along the development of the twentieth century, the mere mention of technological innovation claimed to be a topic of muse for the juvenile hearts spread across the globe. One such heart of hopeful dedication was brought up in California as an unforeseen revolution himself.

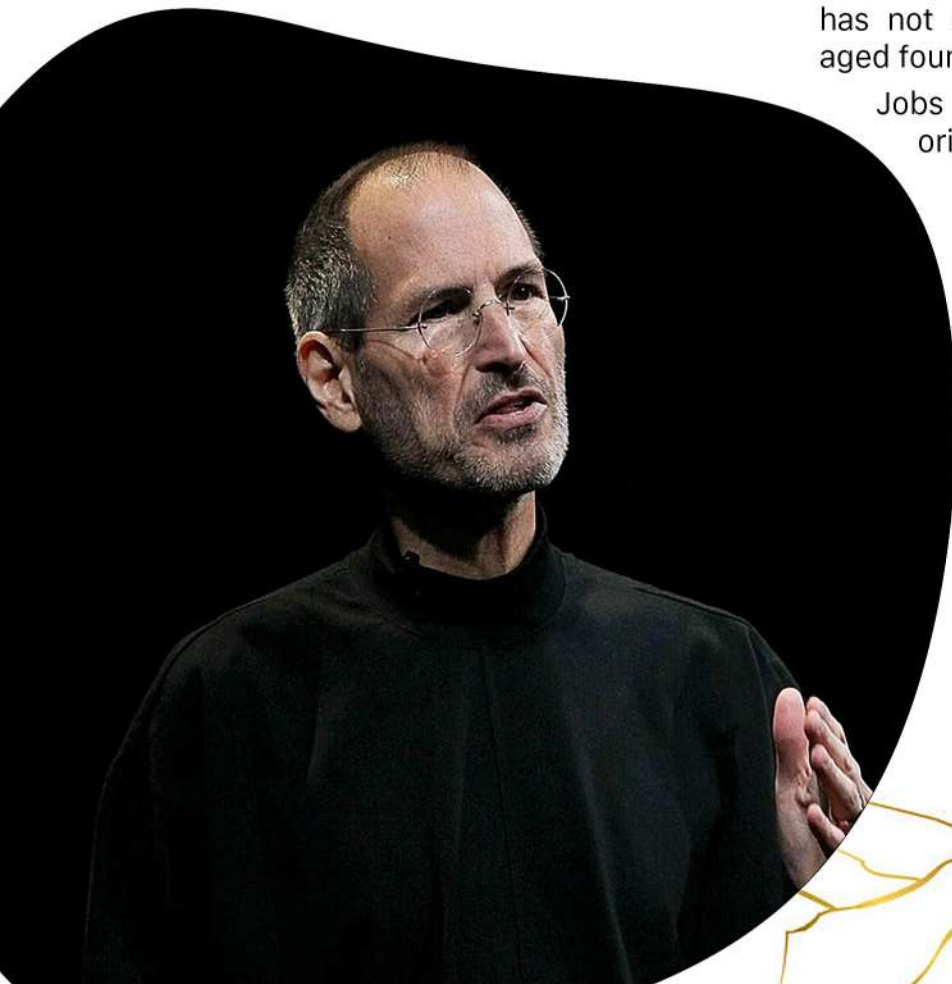
### Jhalak Saxena 3B



As the contagious influence of the global transformations enraptured the observations of the heart which was seeking for more than just learned knowledge, the sense of belonging towards technology ignited a spark of intrigued desperation in the soul that recognized creative perception as a visionary design of innovative comprehension.

Thus, implementing a unique dimension of hopeful faith in oneself, the humane pursuit of initiative took pride in unveiling innovative development under the name of Steve Jobs, whose remarkably peculiar perception of vision to innovate design aligning with the discipline of marketing, led his creation with a path which has not once, neared a collapse, despite its aged foundation.

Jobs extracted the sole essence of originality in an environment of extensively maneuvered intelligence to recollect the intricacy of individuality which he sought for in his company, 'Apple' and it is courtesy of his undying commitment which drew the company to the pinnacle of the tech industry.



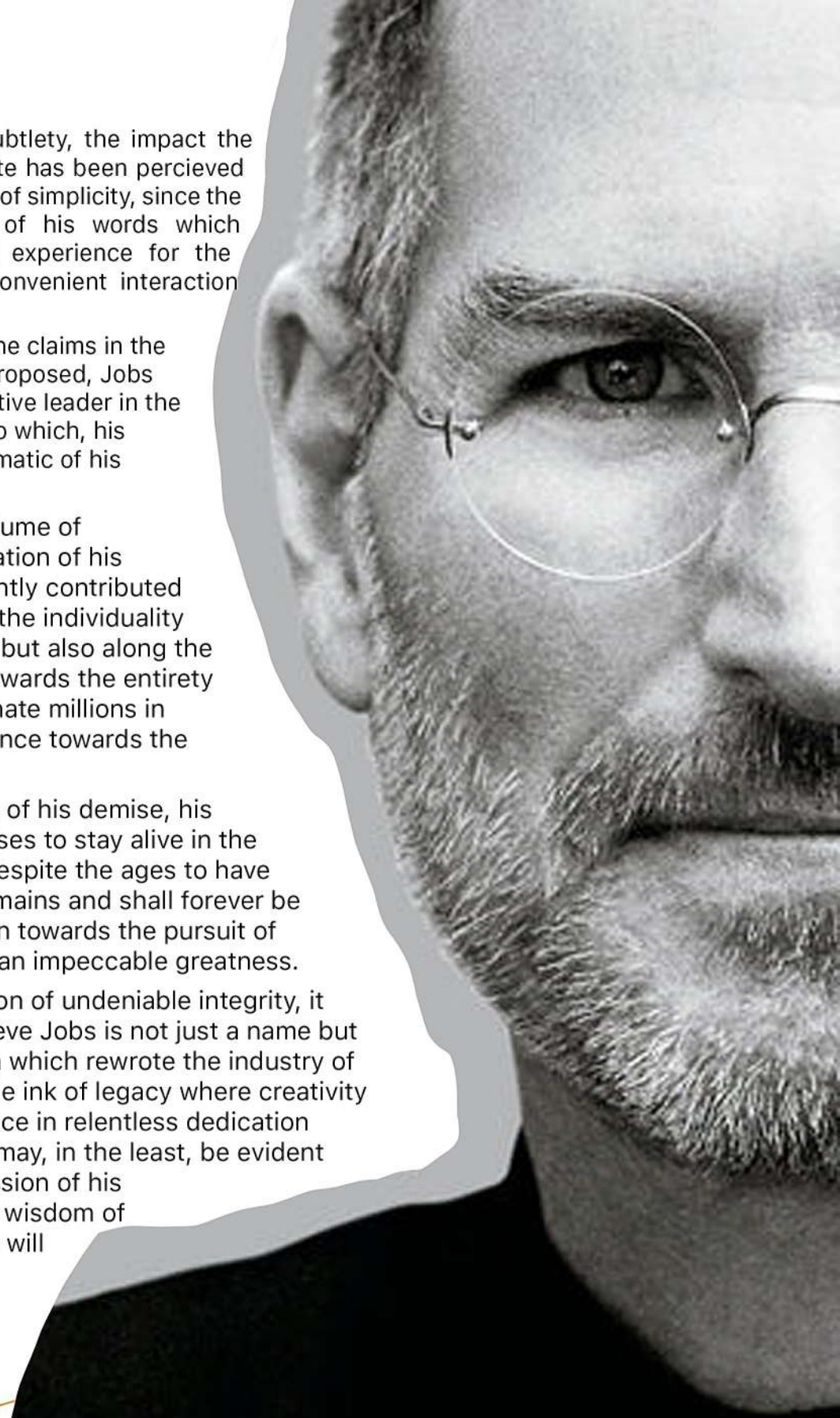
Eternally profound in its subtlety, the impact the man was motivated to create has been perceived as an insistence on the idea of simplicity, since the days of the introduction of his words which promised a revolutionized experience for the users who wished for a convenient interaction with technology.

Branding the versatility of the claims in the ideas which the company proposed, Jobs also appeared as a competitive leader in the field of marketing. Adding to which, his leadership had been charismatic of his persona, ever since.

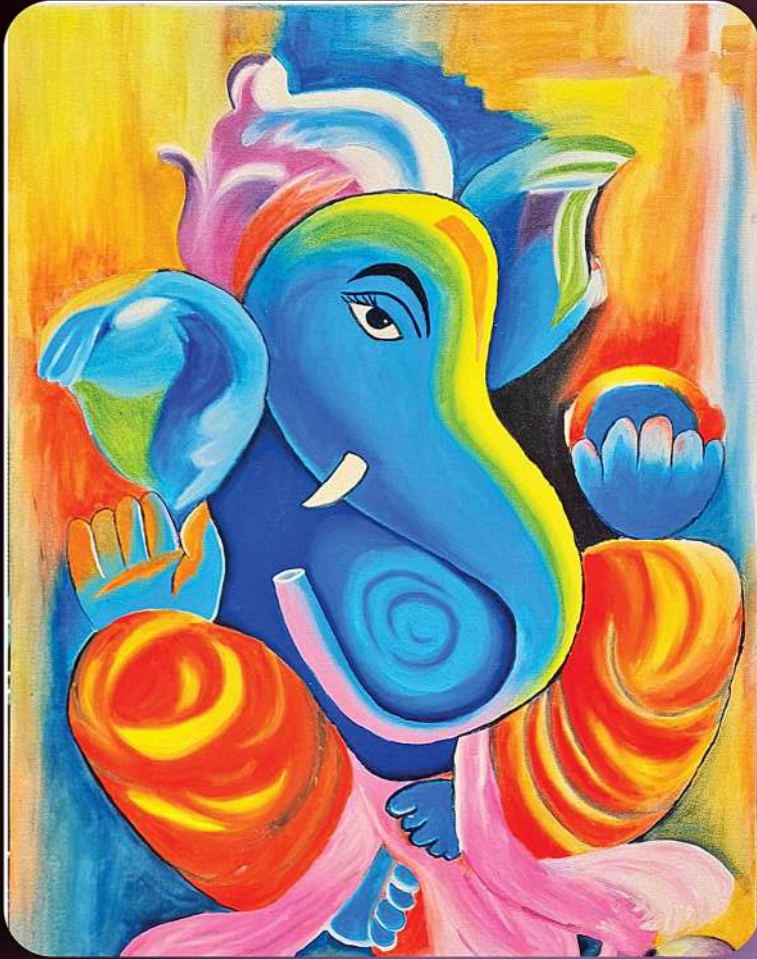
Moreover, the credible volume of functionality in the application of his implications have incessantly contributed to the industry not just in the individuality of design implementation but also along the corners of philanthropy towards the entirety of mankind, for not all donate millions in association with benevolence towards the existence of one and all.

Immortal against the days of his demise, his legacy consistently promises to stay alive in the impact he once created despite the ages to have come and gone, for he remains and shall forever be influential as an inspiration towards the pursuit of dreams in the creation of an impeccable greatness.

In the summarised dictation of undeniable integrity, it can be concluded that Steve Jobs is not just a name but a visionary transformation which rewrote the industry of innovation with an indelible ink of legacy where creativity influences the perseverance in relentless dedication towards the vision which may, in the least, be evident to oneself and this impression of his footsteps is the authentic wisdom of his iconic influence which will be carried along the generations to come.



**“Innovation distinguishes between a leader and a follower.”**



**Shreshthi Tayal**  
**3C**



**Ishita Srivastava**  
**3B**





**Jhalak Saxena**  
**3B**



**Rhythm Garg**  
**3C**

# मेरी दोस्त

मेरी एक दोस्त है,  
जो मेरे लयि दलि-ए-नहिाद से कम  
नहीं।

जो दखिने मे माह-ए-कमील से कम नहीं,  
जसिकी तबस्सुम से महक जाते हैं, मकताब,  
दीवारें क्लास की,  
बोर्ड और बेच जसिपे वह बैठती है।  
जसिके पीछे, तो कभी साथ में बैठकर,  
जब उसकी पक्की सहेली गैर-हाज़रि होती है,  
अपनी कतिाब-ए-जसित पढ़ता हूँ,  
और जो अपने हफ्ते को सरिफ़ मुझे बताती है,  
क़ैसे इन दनिों, ज्योत-बत्ती करने से पाबंदी होती है,  
क़ैसे उसे सकाफ़त भाती नहीं जमाने की,  
जसि जूरुरत नहीं पड़ती बुलाने की, खुद बना कहे जान  
जाती है।

कभी गुस्सा होती नहीं, नाराज़ होती भी है तो मान जाती  
है,

कतिनी बेबस लगती है, जब कहती है,  
"मै अपने घर को नहीं छोड़ सकती,"  
कहती है काश, रवियातों की देवरे तोड़ सकती,  
मै भी अपने भई की तरह, बाबा के साथ रहना  
चाहती हूँ।

जल्दी शादी तो नहीं कर देगे, मै अभी और  
पढ़ना चाहती हूँ।

मुझे भी मास्टर्स तो कमसे कम करनी ही  
है।

यह सब बाते, तुमसे कह रही हूँ छयांक,  
यह सब बाते, मै पापा से भी कहना  
चाहती हूँ।



Chayank Tyagi  
5A





Well, it was enchanting to meet you,  
again,  
After months and months of longingness.  
It feels as magnificent as our first meet,  
And, as reminiscent as our last.

So, as I meet you every single day,  
I capture the skies, for reasons beyond  
the lofty infinites.  
And get lost in the blissful blue,  
The same way I do for you.

You know, despite the distance between  
us,  
We every day, laid under the same blue  
ethereal.  
Identifiably different,  
However indistinguishable.

And now, when we are closer together,  
Even for days countable on my finger.  
Let me get submerged in your Love,  
And the tranquil empyrean above.

Amidst the chaotic storms of my mind,  
And the weird solitary, mistakenly  
combined.  
Serenity I never dreamt to possess,  
But with you, I gently cherished calmness.

So, let me spend my day with you,  
Living in every phase with you.  
From the dreamy dawn tinged in  
lavender,  
Till the crimson blushes of sunset linger.

Cuz you, as soothing as the over-hued  
blue,  
And the clearly contagious calmness of  
you.  
Blended with neverending gossips I knew,  
Makes it our very perfect rendezvous.

With chocolate ice-creams on your bike,  
And delicious momos on the right.  
Fighting for the very last bite,  
Until I say goodbye for the night.

And when we are far-flung,  
For the next few months to come,  
I would still adore the soothing skies.  
Cuz they would remind me of you,  
And would calm me just as you do.

Sukriti  
3C



THE VERSE TO SEEK WITHIN

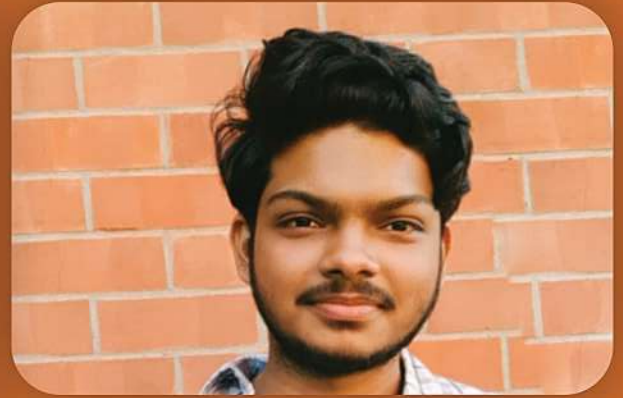
Not every treasure is gold  
mate,  
For some, it is their  
childhood.  
In the hunt for another,  
I wonder where I left it.  
I always tried to search for it,  
But the map never truly  
showed it.  
Buried in eternal time,  
The chest will be unveiled  
again in Apple's eye.

Gurpreet Kaur  
3B

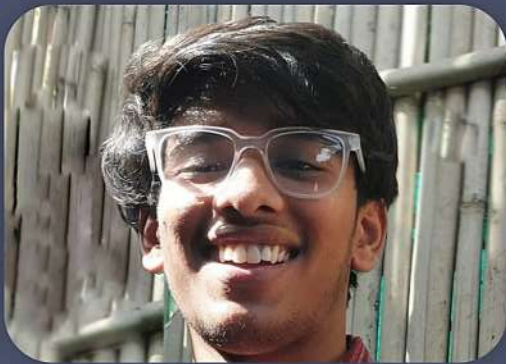




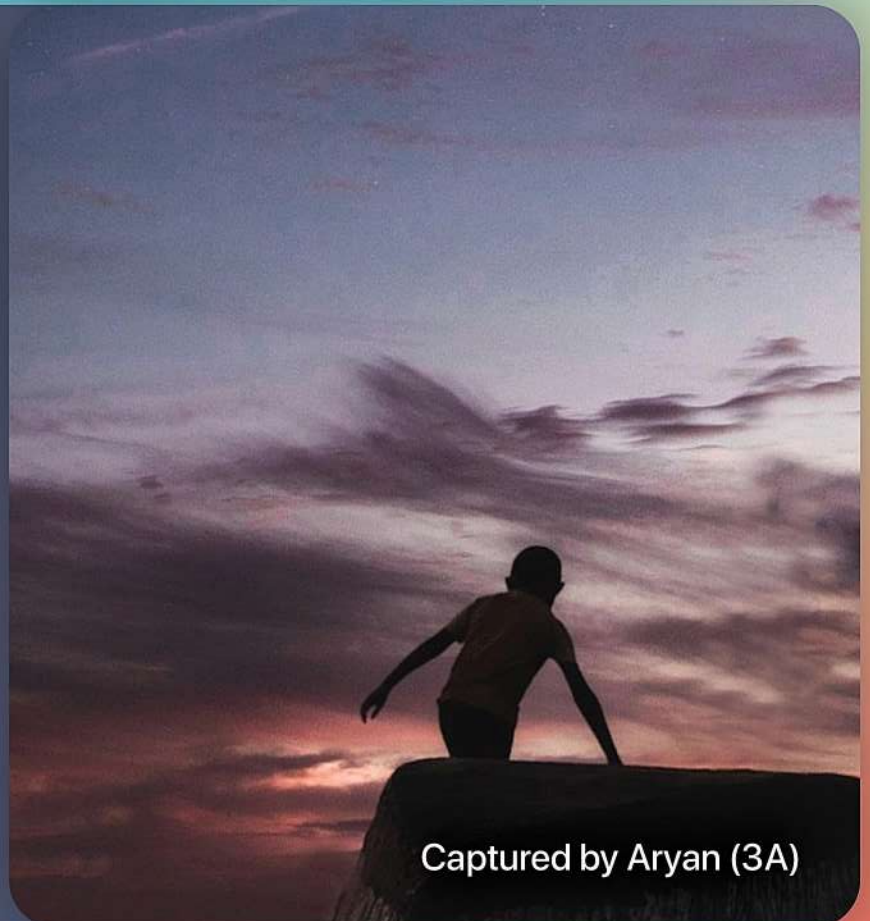
Captured by Archit (5A)



The sun was setting, casting a golden glow over the landscape. A lone bird sits atop a tree, its silhouette sharp against the fading light. Below, the tree stood tall and proud. The two seemed to be in perfect harmony, one representing the beauty of nature, the other the power of flight.



The sun was setting, and the sky was ablaze with color. The child's face was filled with wonder, and he seemed to be lost in the beauty of the moment. It was a peaceful scene, and it was clear that the child was enjoying the beauty of nature.



Captured by Aryan (3A)

# Showcase



A diya floated gently down the river, its flickering flame casting a warm glow on the water. The diya was a symbol of hope and light, and as it floated away, it seemed to carry those qualities with it.



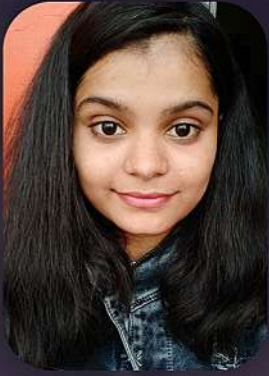
Captured by Nancy (3B)



Captured by Rhythm (3C)

The metro station was empty at noon, save for a few stragglers. The sun streamed in through the high vents, casting shadows on the floors. The air was cool and still, and the only sound was the occasional rumble of a train arriving. It was a peaceful oasis in the middle of a bustling city.

# ACHIEVERS



## VANSHIKA NAMDEV

Becoming one of the 15 global fellows shortlisted for the 'Data Science for Social Good Fellowship' at the University of Warwick, Vanshika Namdev experienced a collaborative journey with Buckinghamshire Council & EY Foundation to develop a tool, SCANR. The Datafest in London prized the project with a £4000/- sponsorship payment apart from the accommodation and travel funding.

## AKANKSHA MISHRA

In accordance with her unmatched set of skills being woven by her dedication, 'Microsoft Summer Internship, 2023' offered Akanksha Mishra with her selection in what she claims to have always dreamt of.



## NANDINI TYAGI

Coordinating a team of technologically inclined individuals like herself, Nandini Tyagi designed a project with a written research paper which further got published in the journal of 'Scopus.'



## YASHASVI BALIYAN

Yashasvi Baliyan's novel ideas in technology and innovation got felicitated with the 'NAVONMESHA Award' along with a cash prize of ₹5100/-, at the 'KIET Women Awards,' established by the institution under the AICTE guidelines of the gender equality promoting, award policy.



# ACHIEVERS



## SHIVA AGRAHARI

Developing 'Education eXtended Reality (XR)' solutions to enhance engagement with educational experiences, code and analysis, the participants of the hackathon designed by the EdXR team observed an innovative, interdisciplinary approach of Shiva Agrahari and his team.

## SHIVENDU MISHRA

Exploring the topic of women's safety, Shivendu Mishra's team embraced the title of the first runner up at 'T-hacks' organized by IEEE at ADGITM.



## ANSHUL NIGAM

Competing through the 36-hour session against a numeric factor of 190+ teams and more than 600 participants, Anshul Nigam's team bagged the first place in the offline hackathon of 'Hack The Mountains 3.0.'

## AVISHI TAYAL

Remarkable under the header of neuroquantology, Avishi Tayal's research paper, based on a uniquely original real life project, got glorified in the publication of 'Scopus.'



# ACHIEVERS



## ANKIT YADAV

Emerging victorious in the 'Environment Sustainability Challenge' at the Immers-Ed Global Hackathon organized by the Oxford X-Reality Hub, Ankit Yadav's team, 'Hacked\_Insights' secured the first position in the final showdown.

## SAKSHI KHANDELWAL

Establishing a high level of proficiency and expertise in Java programming, Sakshi Khandelwal earned a gold badge in Java, pronouncing an acquired mastery in the language.



## TUSHAR SHARMA

To educate the freshers about web development, Mycin Club conducted a bootcamp, 'Dev1.0' where Tushar Sharma was felicitated as one of the top 3 performers, by the HoD of Computer Science and Head of Innovation Centre.

## KAPIL KUMAR SINGH

From being a local winner to grabbing the title of becoming a global nominee, the innovative uniqueness of Kapil Kumar Singh's '2:59 A.M.' engraved the name of the team amidst three other Indian teams in the 'global honourable mentions' of the 'NASA Space Apps Challenge, 2022.'



# ACHIEVERS



## SIDDHARTH UPADHYAY

The impressive dedication and performance of Siddharth Upadhyay and his team, as observed along the field of 'AKTU Zonal Volleyball Event' earned the team the recognition it deserved for its hard work, declaring each member as a runner up in the event.

## SARTHAK TYAGI

In accordance with his prominent commitment to the program, Sarthak Tyagi powerfully showcased his skills and discipline towards the college level of NCC training, where his remarkable 'A' grade claims his recognition in his potential of becoming a responsible and disciplined member of the Indian armed forces.



## VISHAKHA RANA

Propelled by her exceptional skills and hard work along with her motivation to be the best performer in the tournament, Vishakha Rana's name shone in the victorious second position which she bagged in the badminton event of 'AKTU Sports Fest.'

## ARCHIT SRIVASTAVA

Deliberating the recognition of his artistic talent and creativity on a national level, the Pan India Poster Making Competition organised by PGICH, Noida marked for the remarkable accomplishment of Archit Srivastava in showcasing his exceptional skills in visual communication which won him the first rank in the event.



# ACHIEVERS



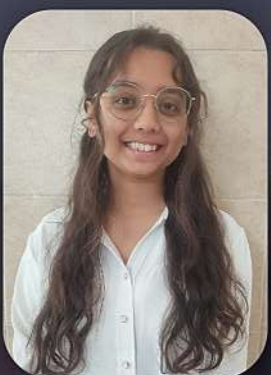
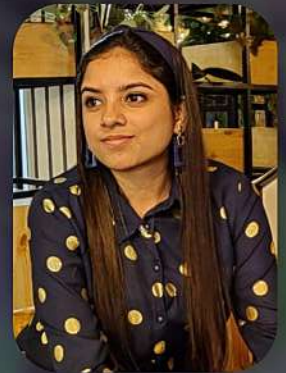
## ANSHUL NIGAM

Anshul Nigam won an online hackathon in Remote World Category organised by Micro where he made an IoT based product. He teamed up with random person from Bangalore and won swags from the organising committee. There were 50+ teams participating in the hackathon.

## TEJASVI CHAUDHARY

This Wipro Talentnext program was on Digital skills (in Java stream) using the PBL Methodology. They gained knowledge and skills in the areas of Logic building and problem solving. The Learning Phase consisted of multiple milestones.

At the end they got an Industry Recognized Certificate from Wipro.



## GARIMA SHUKLA

Garima Shukla and Team received 3rd position in the NASA Space Hacks and were declared as the global nominees in the same, where they were given the problem statement "To make youth aware about the NASA Space Probe Parker using creative methods."

## ABHINAV TRIPATHI

Abhinav Tripathi had been appointed as a Machine Learning Intern to create a model for foot detection which can be further utilised by ARtryON, similar to lenskart.





# ACHIEVERS



## MANAS RAI

Manas Rai and Team received 3rd position in the NASA Space Hacks and were declared as the global nominees in the same, where they were given the problem statement "To make youth aware about the NASA Space Probe Parker using creative methods. "

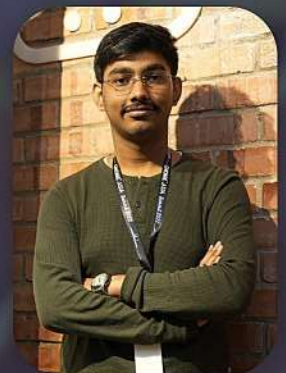
## SHIKHA DIXIT

Shikha Dixit participated in the Leadership Competition named 'Chaitanya' organized by IIM Indore, where her leadership, problem solving, critical thinking, persuasive and public Speaking skills through various rounds.



## ARYAN KAUSHIK

Aryan Kaushik cleared Google Summer of Code 2022 under the GNOME Foundation. He was also selected as Member of Board of Directors for LBRY Foundation and presented at GNOME Asia Conference in Malaysia.



# KEEP ACHIEVING!



### Uddeshya

Batch of 2018-22

SWE at Ultimate Kronos Group

#### Q1] What is the most interesting part of your life?

A1] The inauguration of the first batch for our branch in the session of 2018-2022, was the best of what a student could have experienced and the guidance and motivation provided by the exceptional faculty members was indeed, a cherry on top. After having awaited the second year to explore our very own branch, we were elated to attend the offline classes with the knowledgeable yet morally rich lectures of Data Structures and Operating System with Arti Ma'am and the strictly withheld and disciplined lectures of COA and Microprocessor with Kalpana Ma'am who guided us to strive for success. Even along the days of the pandemic, the college as well as the faculty members ensured for the situation to not hinder with our studies. They provided us with all the resources and time we could have ever asked for, even outside their working hours, so as to get our doubts cleared and keep us motivated throughout the scenario. The final year was an entire roller coaster ride where many of us had

started with our internships and were on NOC. We used to visit the college during the internal examinations only but that was incapable in hindering with our learning path as Neha Ma'am, Akanksha Ma'am and Sapna Ma'am were always there to clear our doubts and take crash classes for teaching and offering a quick revision to us. Being the first batch of a branch comes with its own joys and responsibilities. We were guided by the faculties and HOD's of both CS and CSE in our initial days with the optimistic expectations of leaving solid footprints for the upcoming batches to get motivation from, so as to pave their own paths, easily from the decisions and selections made by us in various opportunities. My journey in KIET cannot be summarized without the mention of INNOGEEKS which is a Student Driven Technical Society of KIET. Being a part of it since the first year, I grew into the club where the club and I, both saw each other developing just to make the KIET campus a bit more technically active. My association with this club can be rated by the Farewell Tag of Mr. INNOGEEKS which was given to me by my own CS branch juniors, as I was involved with the club and its activities, most of the time.

#### Q2] What are the iconic 'Words of Wisdom' which you believe in or follow through?

A2] Everyone used to ask me, "What is your Uddeshya (aim) in life?" The answer to it lies in the words that, 'I live with a motto of being happy and keeping a smile, always on my face. Irrespective of where you are what you are doing just try to enjoy yourself and

always maintain an optimistic vision towards all aspects of life because then only, would you be able to utilize your time and energy in a productive manner.

**Q3] What words of motivation do you have for your juniors and how would you guide them?**

A3] For my juniors, I would like to say that keep yourselves open to all the aspects in the initial 1.5 years of your college life and dive into exploration and learning. This may include a variety of activities ranging from exploring your hidden skills and interests to getting to know about a new emerging technology. Play around with new things, inclusive of academic, extra-curricular and other stuff and then try to get your mind to settle down, by the time you are approaching towards the IV semester. In the IV semester, start with dev and coding, as both go together during the placement season. I am in the view that while exploring in the initial 1.5 years you have got some great additions by your sides, both personally and professionally. Now during your 3rd year, you need to tighten your seat belt and approach towards more of coding (for clearing the assessments) and less of dev, on a serious note. Rather than trying to create projects on all sorts of technology, pick one that fantasizes you the most and claims some scope. Start preparing with your resumé and try to get your hands on some internship opportunities based on your projects. Then finally, all the best for the last 1.5 years of your college life, as it will not only pave your path and help you in your future but also give you some of the hard lessons and

some of the best friendship bonds that you can cherish for life. As far as my field of work was concerned, it basically revolved around JAVA for coding and AR/VR for the development purposes. The reason for my choices was that I was of JAVA background due to CISCE board during my school days and my interest in AR/VR arose when I joined INNOGEEKS, where the concept of AR/VR which was foreign to me, intrigued and drew me in to create augmented reality, virtual reality, and gaming apps.

**Q4] What are the skills which you believe, helped you get to where you are, today?**

A4] The skills that helped me the most were both the hard and soft skills. The technical skills of Java and the theoretical concepts not only made me perform well through most of the assessments but also made me realize that Java Environment is the playground where I could stay happy and achieve more in the times to come. However, the technical skills are nothing without the soft ones, where comes the quality of team bonding, optimistic interaction and time management which help you to express your views in front of others and make them understand your POV, as well. I would not say that in the next 10 years, I see myself at so and so position because in the IT Industry, promotion comes with experience and in correspondence with the company norms, but what I can say for sure is that in whichever team, position or technology I will be working, I will be there because my happiness lies there and I will be giving my best to accomplish the task assigned to me.

As a student of the Computer Science Department of KIET, I feel fortunate to have been part of such a supportive and encouraging environment where we were provided me with the necessary guidance and support to excel in any field. The faculty members were helpful in providing us with opportunities to present our ideas and discuss various topics with our seniors.

During the second year of my college life, the Covid-19 pandemic was prominent, so I utilized my time by taking part in various hackathons. When one of my seniors asked me to participate in the American Express Makeathon with her, I decided to give it a shot. Little did I know that AmEx was going to hire through the event itself. I got selected for the following rounds of hiring for the internship, comprising two written, technical rounds and two technical interviews and I would say that my development skills, apart from my ongoing coding and DSA practice helped me nail those rounds.

Although holding the internship offer from American Express brought me immense happiness, I still continued to participate in other internship and hiring activities and got an internship offer from Amazon WOW where there were two written, technical rounds and one 1-hour interview. Taking advantage of the flexibility offered by my college, I was able to do both the internships and secure full-time offers from both the companies.

Further, I also participated in off-campus hiring rounds of InfyTQ and TCS Codevita, receiving full-time offers from them, as well. As a piece of advice to my juniors, I would recommend focusing on DSA and understanding the concepts, thoroughly. Many students may find it challenging to manage everything but they can try finding time during class labs or any of their free periods. Practicing 2-5 questions a day, during college time is sufficient and one can always learn concepts at their own pace.

Development and projects are also crucial during an interview as most of the companies discuss projects and the role of the interviewee in them, apart from asking DSA associated questions. In the fourth year, one can also expect certain design questions to be asked during the interviews.

Lastly, I would say that the college duration is short in itself, so make the most out of it and enjoy it to the fullest. Moreover, the Computer Science Department has brought about a fantastic learning experience for me and I am sure, you would feel for it to be the same way for you, too.



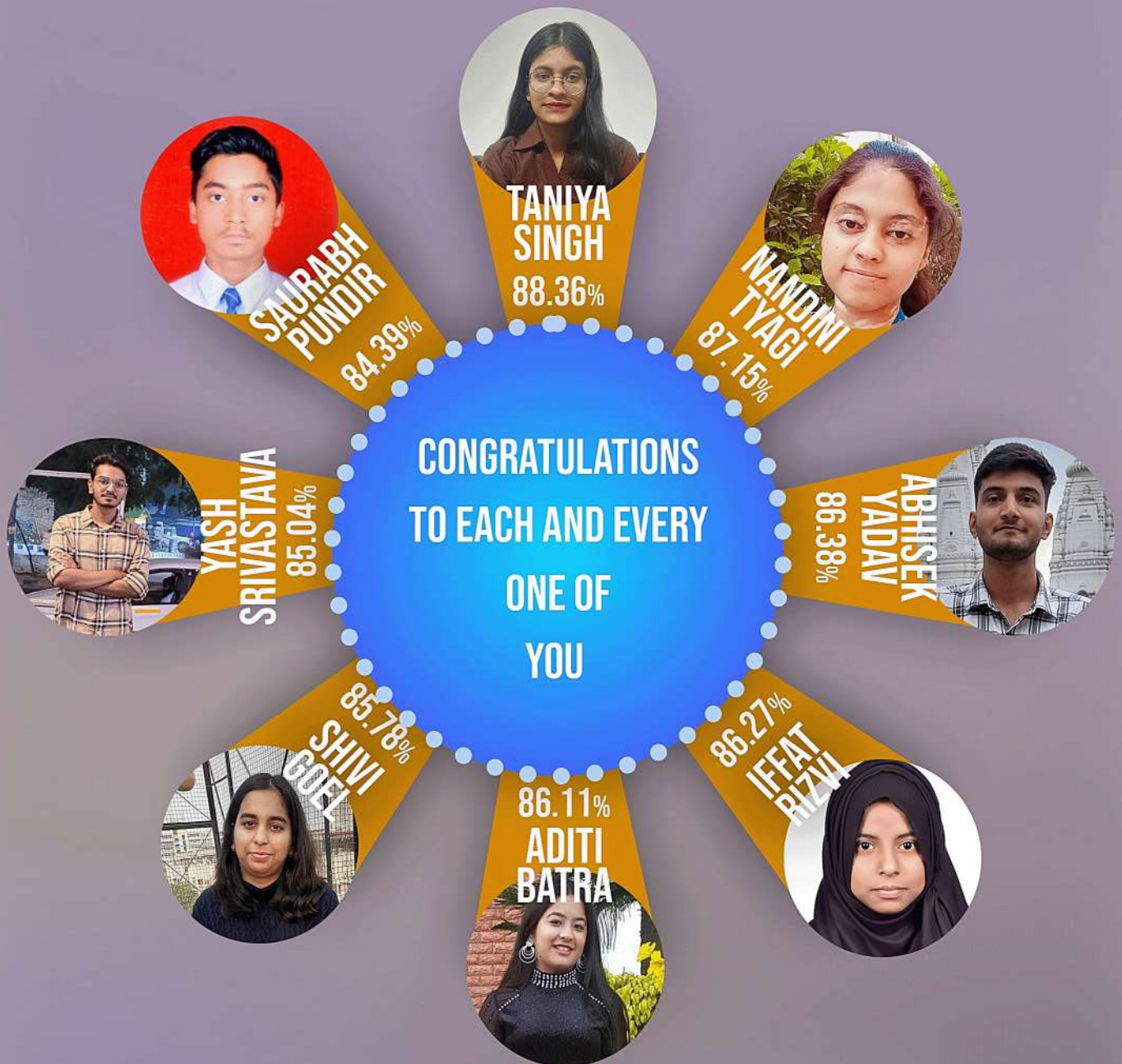
**Sanchita Mishra**

Batch of 2019-23

SDE Intern in Programming

Pathshala

# BATCH TOPPERS (2022-23)



# SNAPSHOTS



## Cultural Fest Organised by Department of Computer Science

In accordance with the illusory of coherence in interpretation of anticipation to be discerned in exhibition, the Department of Computer Science hosted an event dedicated to deciphering the articulation of imaginative creation and visual cognition, in the name of the 'Departmental Cultural Fest.'



# SNAPSHOTS



## Innotech '22 at Departmental Level, Computer Science.

With an optimistic outlook of exploring the innovative vision of the originality unique to the students of the department, the Department of Computer Science organized the Departmental Innotech on November 15, 2022 where 500+ students showcased the individuality of their project ideas.



