

INSIGHT

VOL - 1 2021-22



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.

RETRO - FUTURISM

"Retrofuturism is the art of imagining the future through the lens of the past, where nostalgia and dreams intertwine to create a world that never was, but somehow feels strangely familiar."

Retrofuturism is a theme that shows a beautiful collision of the past's imagination with the present's reality, fueling our dreams of a future that never was and could still be by combining elements of past visions of the future with contemporary technology and innovation. It often draws inspiration from mid-20th century science fiction and explores how people from the past imagined what the future would be like, often characterized by a blend of nostalgia and futuristic aesthetics. This concept has a profound impact on our real-life imagination and thoughts, as it challenges our perception of what is possible and encourages us to reconsider current technological advancements. Retrofuturism sparks creativity, inspiring us to think beyond the boundaries of the present and envision alternative futures. It fosters a sense of wonder and nostalgia, while also fueling innovation and pushing the limits of our imagination. Retrofuturism is indeed a time-traveling dream, a whimsical reverie which ignites our imagination and inspires us to create a tomorrow that echoes the visions of yesterday.



CONTENT

MESSAGES

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

YOURSGEEKLY

The Tech Hub

The Eminent Personality

MOSAIC

Rhyme and Reason

The Shutterbug Showcase

ACHIEVERS

The Tech Prodigies

The Non-Scholastic Triumphs

CONTENT

PRIDE

Final Year Talks

The Placement Highlights

The Batch Toppers

SNAPSHOTS

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. It is this dedication which reconstructs as an opportunistic innovation.

Observing this as its prime belief, the Department of Computer Science has never left any chance to facilitate the conduct of creative deliberation. It has been dedicated towards designing application based

deductions which promise to attend to the need of the hour. 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.

Furthermore, the department has been a prime contributor towards cultural as well as technical evolution since the days of its establishment. This magazine, 'INSIGHT' appears as 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 Second Edition of INSIGHT for the session of 2021-22 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, KIET Group of Institutions

MESSAGES



Dr. Manoj Goel

Joint Director

This yet another approach of the Department of Computer Science brings me with immense pleasure, for it focuses on polishing the convergence of technology and creativity where talents of all sorts collide and create uniqueness.

I look forward to what the editorial board has compiled for this edition of showcasing the versatility of the students of the department.

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

The Department 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 perspectives and approach showcased by the department, I have great expectations from this edition of its departmental magazine, 'INSIGHT,' post the portrayal of a successful inaugural edition of the same and I look forward to beholding the contributions of the students and the editorial board in all that is to come.

I wish for a successful publication of this edition for the 2021-22 session, alongside the ones to be released in future.



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 establishments, 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 an application oriented evolution that can explore a variety of skills amidst the environment of networked interactions.



Dr. Pardeep Kumar Singh
HOD, Computer Science

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, diverse in terms of domains and fields.

I wish the department and the students the best of their luck in this Second Edition of INSIGHT for the session of 2021-22.

MESSAGES

I find it in the deepest of my pride 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.



Mr. Raj Kumar
Assistant Prof. & Addl. HoD

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.

I extend my best wishes towards the production team and look forward to the significant reveal of this all new edition of INSIGHT, dedicated to the session of 2021-22.

EDITORIAL TEAM'S MESSAGE

"Beholding the beauty in the collision of imagination of the past, entangling in the realm of the present, to fuel the dreams optimistic of an unknown future, our eyes seek for the diversity in the versatility of creativity towards envisioning a past threaded along the infinite possibilities of the contemporary future."

Our involvement in the editorial board of the departmental magazine has unfolded as a dignified honour in the pride of our dedication which is grateful to have been involved in the course of the completion of the second edition of our departmental magazine, 'INSIGHT,' concluding our exploration of 'Retrofuturism.' 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-ordinator, Ms. Anshula Gupta, 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 still continue to consistently motivate our spirits. We hope that this magazine spreads in the word of its informative insights of the department in an undying rejoice as we look forward to its deepening in the further editions to come.

-Palak Singh(Graphics), Priyanshu Kumar(Content)

Faculty Coordinators



Ms. Anshula Gupta
(Ast. Prof.)

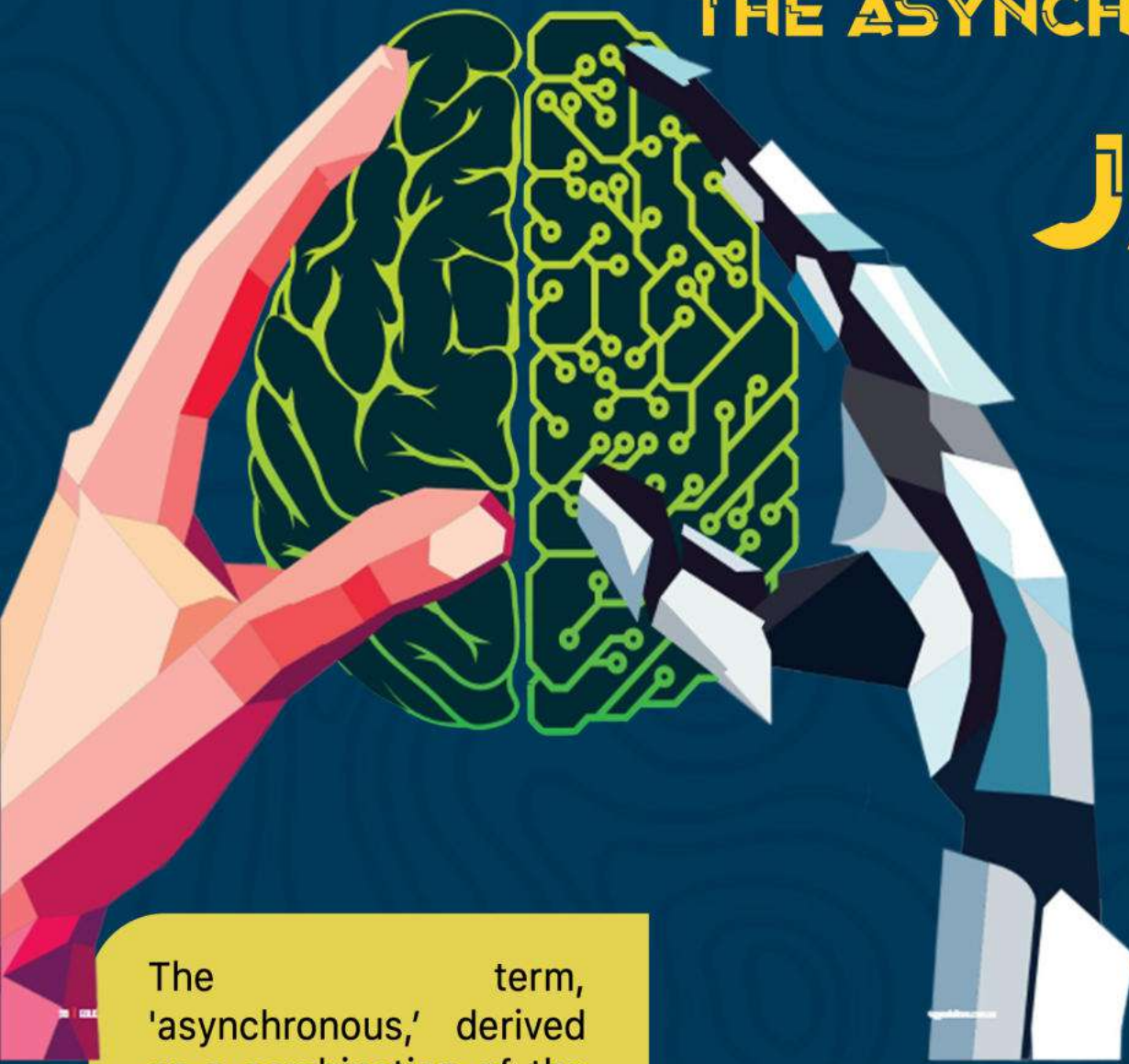
Stepping into the realm of the reimagined yesteryears pronounced with an intonation of futuristic enchantment, I proudly unveil the Second Edition of our Departmental Magazine, 'INSIGHT' for the session of 2021-22, as it unfolds its drape of the theme of 'Retrofuturism.'

I extend my heartfelt appreciation towards my fellow faculty members along with the esteemed Head of the Department, for their unwavering support throughout the course of the editorial conduct.

Furthermore, I heartily welcome all the readers to witness the awe-inspiring impact of this magazine displaying the growth and achievements of the exceptional students of our department. Releasing this edition into the world, I embrace the boundless opportunities in optimism, grounded in the essence of our cherished past.

THE ASYNCHRONOUS

JAVA



The term, 'asynchronous,' derived as a combination of the Greek roots in 'async,' meaning 'not with,' followed by 'chronous,' referring to 'time,' is an adjective used to describe objects or events which are not coordinated with time.

JS

In the programming world, asynchronous programming is a technique that enables a program in starting a particularly long task and remaining interactive while also being efficient in responding to other events at the same time, instead of having to wait till the completion of the aforementioned task. JavaScript is a single-threaded and synchronously executed language in which, each line is run in the order of its respective occurrence in the code.

WORLD OF SCRIPT

BY KALASH SHARMA

If we consider a scenario of talking to a server, where the data takes a long time to reach the client then, in a synchronous environment, there would be a need to wait until the data comes back to do anything else. On the other hand, if we talk about an asynchronous function provided by JavaScript, `setTimeout()` then, according to MDN, it would set a timer that would execute a function or specified piece of code, once the timer expires.

Advantages of Asynchronous Programming

- It not only enhances the speed and the responsiveness of the program but also, the user experience.
- The response time of one task does not affect the other tasks.
- It allows the usage of more than one feature in the run, simultaneously.

Conclusion

In conclusion, asynchronous programming is a unique yet intriguing technique that offers multiple advantages in increasing the efficiency of applications.

R
A
T
A
N

Awarded with Padma Bhushan and Padma Vibhushan, Ratan Naval Tata is an eminently dignified business leader of India.

The 85-year-old man is the former chairman of one of the largest conglomerates of India, the 'Tata Group' and is known for his simplicity which has been inspiring the youth of the country for ages.

The business tycoon was the chairman who led the enterprise for over two decades, making it a highly reputed business group with operations in more than a hundred countries across the globe.

T
A

Despite belonging to one of the wealthiest business families to have significantly contributed towards the industrial development of the country post the independence, Ratan Tata began his career with blue-collar workers in the Tata Steel Division.

T
A

In 1971, he was entitled as the Director-in-Charge of the National Radio and Electronics Company Limited (NELCO) which saw his flair in turning the tables in the times which demanded for a resurrection.

Further, he took over the leadership of the Tata Group in 1990, conducting reforms to modernize the business operations and withhold a steady competence in the new era.

However, his dominion as a business leader is not all about him, for he is a lot more than just that. He is also renowned to be a philanthropist whose activities have had a significant impact on India's social, economic, and healthcare landscape.

Ratan Tata as a Philanthropist

1. Tata Trusts

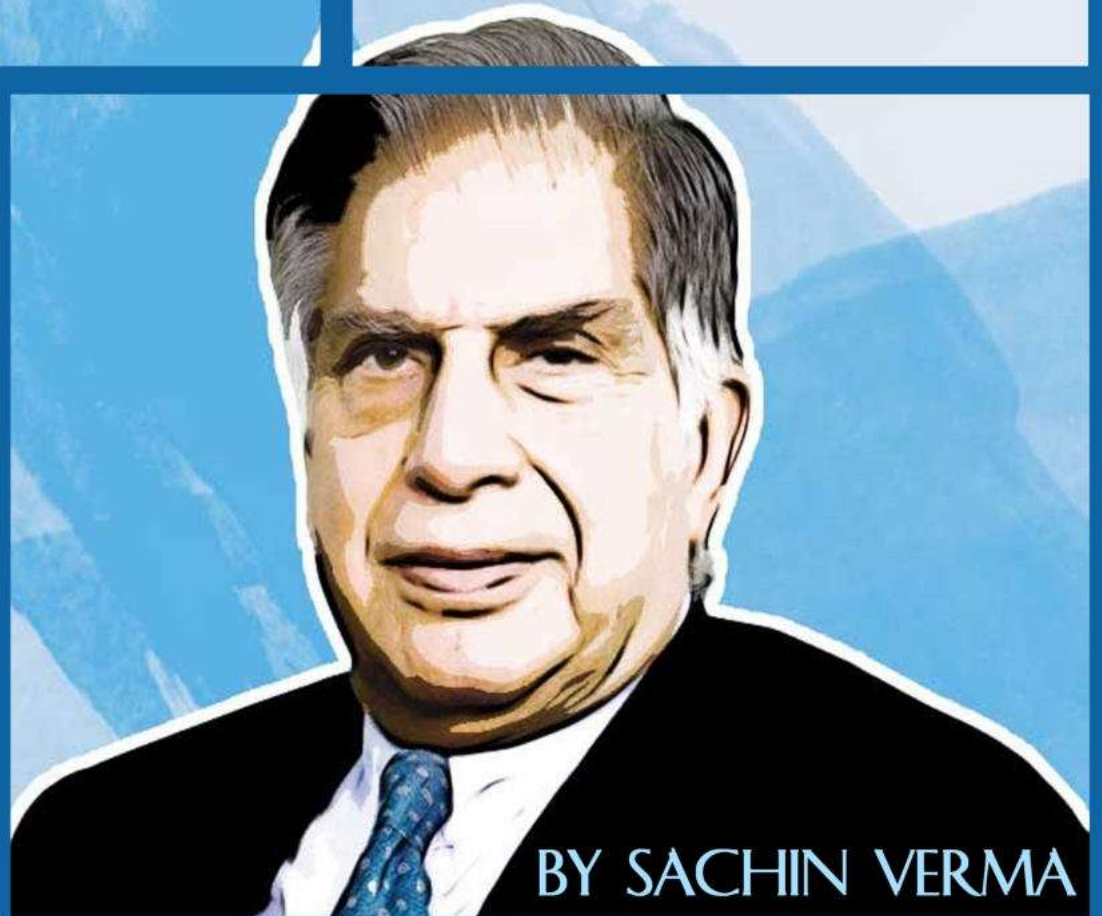
He is the chairman of an old yet enormous philanthropic organization, 'Tata Trusts' which supports causes like healthcare, education and rural development.

2. Tata Medical Center

He funded a cancer hospital, the 'Tata Medical Center' which provides world-class cancer care. He had even pledged a high amount to fight the Covid-19 pandemic.

3. Tata Institute of Social Sciences

Ratan Tata donated a Fifty Million Dollars to a premier institute for



social work education, the 'Tata Institute of Social Sciences' which offers degree programs in social work, public policy and development studies.

4. Relief Efforts

He is an active participant in the relief efforts made during the natural disasters in India, donating a heavy amount for the people in such situations.

5. Education

He had always been a diligent contributor towards the field of education in India, having donated funds to establish the Tata Institute of Fundamental Research.

Legacy

Ratan Tata's legacy trails along entrepreneurship, leadership and social responsibility which transformed the Tata Group into a global brand. Ratan Tata's philanthropic activities also inspired many and his contributions towards the society earned him the widespread respect and admiration he deserved.

In conclusion, Ratan Tata is a true legend in the world of business and philanthropy, and his leadership and entrepreneurial spirit entwined with his commitment to social responsibility have set an example which will continue to inspire generations for the years to come.

भवानी

माँ-बाप का अभिमान थी वह,
सभी ग्रंथों का ज्ञान थी वह।
पर एक रात दरिंदे ने यूँ छुआ उसे,
अब अपने ही अस्तित्व से अंजान थी
वह।

डरी, सहमी, खोई सी थी वह,
रात भर रोई भी थी वह।
किसी को न बताया उसने,
पर जागकर भी सोई सी थी वह।

बहुत दिन परेशान थी वह,
गंगा किनारे शमशान थी वह।
फिर हिम्मत जुटाकर उठ खड़ी हुई,
अब सम्पूर्ण सच का बयान थी वह।

अब खूब लड़ी मर्दानी बनी वह,
प्रेरणा की कहानी बनी वह।
जिस राक्षस ने छुआ उसे,
उसके लिए भवानी बनी वह।

आसमान का सितारा बनी वह,
माँ-बाप का सहारा बनी वह।
छूने भर से खाक कर दे,
अब ऐसी अंगारा बनी वह।

-Shikha Dixit



गुलशन मन

यूँ ही तुम्हें, छूने का मन हुआ।
खुशबू से तुम्हारी, मैं जब गुलशन हुआ।
मुस्कुराता हूँ बेवजह, कोई बात तुम्हारे होने में
है।
सारे जहान का सुकून जैसे, बस तुम्हारे छूने में
है।

भूल गया ज़ख्म सारे, तुम्हारी बातों में
इतना मगन हुआ।
यूँ ही तुम्हें, छूने का मन हुआ।
खुशबू से तुम्हारी, मैं जब गुलशन हुआ।

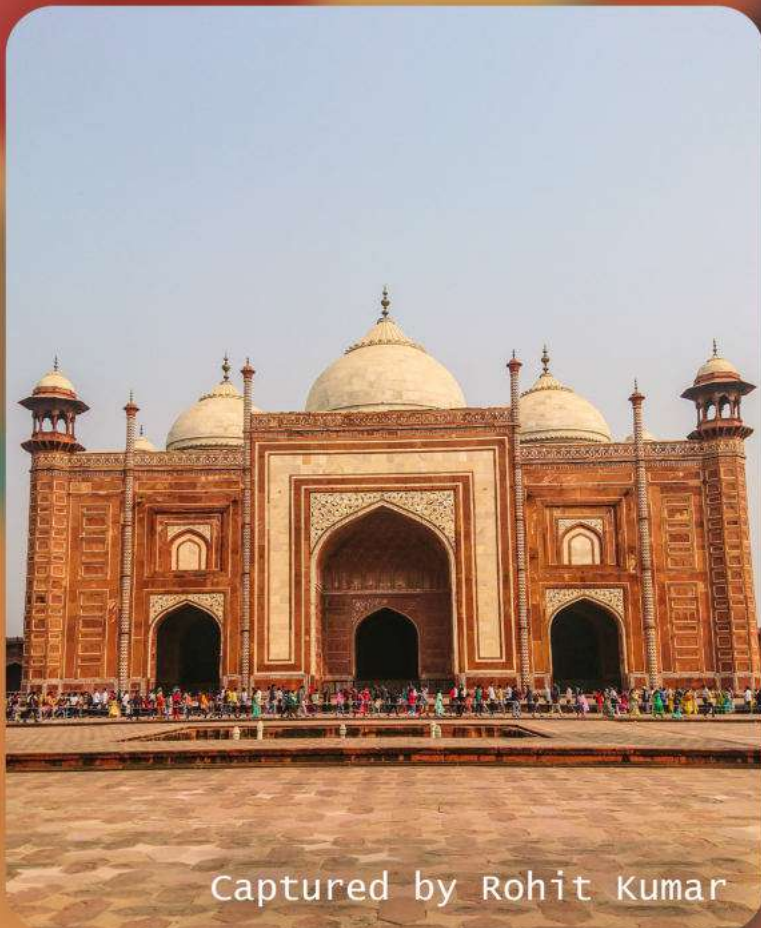
चिट्ठियों में लिखकर, गज़ल देनी है।
तोहफ़े में इस बार मुझे, तुम्हें पायल देनी है।
कबूतरों को, आदत नहीं रही।
चिट्ठियाँ भेजना, कितना कठिन हुआ।
यूँ ही तुम्हें, छूने का मन हुआ।
खुशबू से तुम्हारी, मैं जब गुलशन हुआ।

हवाओं सी तुम, दरख्तों सा मैं,
संग मेरे चलना यूँ ही।
बदलेगा सारा ज़माना, बस तुम बदलना नहीं।
अपना बनाकर रखना हमें, अब तुम्हारे हवाले
यह जीवन हुआ।

यूँ ही तुम्हें, छूने का मन हुआ।
खुशबू से तुम्हारी, मैं जब गुलशन हुआ।

-Priyanshu Kumar

Captured by Nikita Sharma



Captured by Rohit Kumar



Captured by Karan Agarwal

ACHIEVEMENT



Ankit Yadav

Competing in the 'Environment Sustainability Challenge,' organized by OXR Hub at Oxford University, Ankit Yadav bagged the supreme position of 1A, getting his name highlighted as a unique candidate in the conduct.

Ayushi Tyagi

Indulging in the flagship event of AnitaB.org, renowned as the 'Grace Hopper Celebration,' Ayushi Tyagi reviewed for her experience to be influenced by inspiration in research and career interests.



Nikita Jain

Participating in a circuit design competition, where the focus was concentrated on the creation of problem statement specific circuits on Tinkercad, Nikita Jain performed, exceptionally great.

Hardik Wadhwa

Competing against over a lakh students, Hardik Wadhwa achieved a stupendously appreciable rank numeric of 4347 in the TCS Codevita Exam.



ACHIEVEMENT



Archit Srivastav

Standing out in the symphony of creativity and talent, Archit Srivastava claimed the coveted first prize in the artistry of poster making.

Sarthak Tyagi

Acing the physical training and the written exam for NCC, Sarthak Tyagi got certificate as the Best Cadet, winning opportunities in the government sector apart from the one to serve the country as a lieutenant.



Shivendu Mishra

Designing an Android app for the specially-abled, Shivendu Mishra's team, 'Randomize,' bagged the first place for its project, 'HelpU,' at an international hackathon, 'Renaissance.'

Yashasvi Baliyan

Constructing an Android app, envisioning the specially-abled, Yashasvi Baliyan's team, 'Randomize,' got facilitated with the first position for its project, 'HelpU,' at an international hackathon, 'Renaissance.'



ACHIEVEMENT



Rishabh Jain

Showcasing the business idea of 'Rejute,' in the Business Plan Competition organised by the INMANTEC College, Rishabh Jain, along with his teammates, got awarded with the first prize, worth 5000 INR.



Sarthak Tyagi

Introducing an Android app for the specially-abled, Sarthak Tyagi and his team, 'Randomize,' won the first prize for its project, 'HelpU,' at an international hackathon, 'Renaissance.'

**WELL
DONE!**

ACHIEVING THE MILESTONES ROOTED DEEP WITHIN

The securing of a coveted offer for a Full-Time Role at one of the tech giants revered across the globe, popularly as Amazon, came around as a defining moment for me in its pursuit of a culmination of the hard work and support that I received from my mentors and peers, throughout my academic journey. Following which, the news of me having cracked the GATE exam with an impressive rank, opened the doors to my pursuit of further studies in the CSA department of the prestigious Indian Institute of Science (IISc). Proceeding forth with which, I look forward to finding myself immersed in a world of cutting-edge research and innovation, constantly gaining inspiration from the brilliant minds surrounding me.



Harsh Gupta
Batch of 2018-22

A BACKBONE OF UNDYING UPLIFTMENT

Prominent in the memories of my days in the CS Department, the reflection of my four years in the department narrates a consistency in my experiences, highlighting the insights with pride, emphasizing on the profound impact that the supportive faculty and the innovative projects had on my growth.

Standing by their title of being the beacons of knowledge and guidance, our professors never failed in portraying their unique knack for making learning an enjoyable yet enlightening experience while working towards honing our skills and nurturing our passion for the stream, offering their unwavering support and belief in each one of us.

Furthermore, the projects we undertook during our undergraduate days played a pivotal role in shaping our understanding of real-world applications while exposing us to the thrill of solving complex problems, the joy of writing flawless codes and the rejoice in the

accomplishment of a successful project completion.

A WORD FOR THE JUNIORS

Dear juniors, I would like to assure you that college life is not solely about academics and placements but also exploration and self-discovery along the creation of memories which can last for a lifetime. An active approach towards the cultural societies alongside a regular participation in events and an engagement in the college community are the mosaic experiences of encouragement in enjoyment which add colors to a glorious journey through which, cherishable bonds are created. I heartily remember the club INNOGEEKS which enriched my college life in more ways than one, teaching me that irrespective of the club you choose, what comes with skill development is a family that nurtures and supports you through thick and thin.

Thus, embarking on your own journey, remember that success is not just about grades and placements but also discovering your true passions and pursuing them with relentless dedication by following your heart, working hard and believing in yourself.

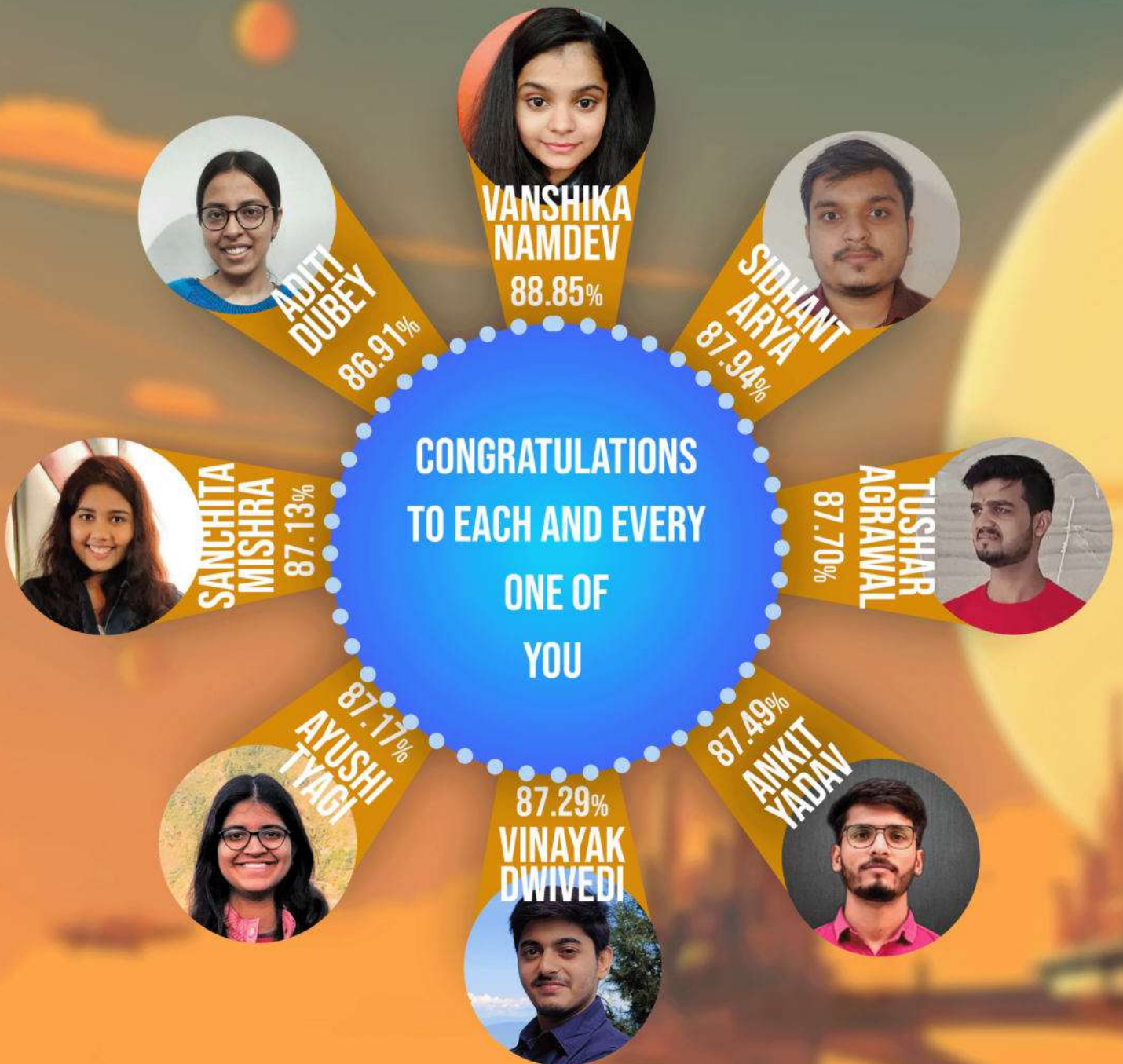
A mantra for the challenging times:
"Practice Rigorous Authenticity,
Surrender the Outcome,
Do Uncomfortable work."

WORDS OF WISDOM

Standing at the threshold of infinite possibilities, fueled by my experiences at KIET, I implore you all to make the most of your time here, for it will shape the trajectory of your future. Let the spirit of curiosity, camaraderie and relentless pursuit of excellence guide you on your path of embracing opportunities with heartfelt laughs, savoring the foundational journey to build the rest of your life on.

Go forth and conquer the greatness which awaits you on your exhilarating and rewarding path!

BATCH TOPPERS (2021-22)



PLACEMENT HIGHLIGHTS (2021-22)

PLACEMENT HIGHLIGHTS



KIET

GROUP OF INSTITUTIONS

DEPT. OF COMPUTER SCIENCE

HIGHEST PACKAGE:

44.14 LPA

AVERAGE PACKAGE:

8.29 LPA

TOTAL COMPANIES:

113

STUDENTS PLACED:

62

**YOU'RE
HIRED**

SNAPSHOTS



SNAPSHOTS

