

WOW

VOICE OF VVIT



April 2024

CO

NT



05

DARGA TO DURGA

Embark on a captivating journey with the writer as they conquer a challenging 33-kilometer walkathon, filled with adventures and self-discovery!



07

INDIA'S LEAP INTO HUMAN SPACE EXPLORATION

India's first manned spaceflight program, aiming to send three astronauts to a 400 km orbit for three days.



40

THE IMPORTANCE OF DATA PROTECTION IN THE DIGITAL WORLD

Data protection is the digital world's shield, guarding our personal treasures against the cyber pirates lurking in the vast sea of the internet.

03 FROM CHAIRMAN'S DESK

04 FROM EDITORS DESK

05 DARGA TO DURGA

07 INDIA'S LEAP INTO HUMAN SPACE EXPLORATION

09 YOUR VOTE, YOUR VOICE

10 APPLE VISION PRO : BOON OR BANE ?

11 EXPLORING THE FRONTLINES OF CYBER DEFENSE

13 ACHIEVER'S CORNER

19 ONCE A CADET ALWAYS A CADET

21 VIZAG TRIP : FROM HILLS TO WAVES AND EVERYTHING IN BETWEEN

23 FROM CAMPUS TO CAREER: A VVIT ALUMNI STORY

25 THE GREAT NIGHT VIGIL OF LORD SHIVA

EVENTS

- 27** EVENTS SPOTLIGHT
- 31** LEADING WITH PURPOSE :
REFLECTIONS OF AN IUCEE
EWB PRESIDENT
- 33** THE IMPORTANCE OF DATA
PROTECTION IN THE DIGITAL
WORLD
- 35** CREATIVE CANVAS
- 36** SHUTTER STORIES
- 37** BEYOND BORDERS:
NAVIGATING NEW HORIZONS
WITH KRISHNA KIREETI
BHASHYAM
- 39** BEYOND BINARY :
NAVIGATING THE WORLD OF
QUANTUM COMPUTING
- 41** GAAMI REVIEW
- 43** GRADUATE GOODBYES



37

BEYOND BINARY : NAVIGATING THE WORLD OF QUANTUM COMPUTING

Navigate the world of Quantum Computing which handles the complex problem solving



11

SPOTLIGHT ON SUCCESS

Celebrating the Remarkable Achievements that define the spirit of Excellence at our Institute



19

ONCE A CADET ALWAYS A CADET

Peak into the dedicated NCC journey of our cadet Harika.V.

From Chairman's Desk



It is good to see that the college magazine has started in a new Avatar with a youthful look. As usual at VVIT, it's totally the initiative of students. So, some of the students have come for a note by me to be published in this edition.

At the outset, since this is examination season, I wish all the students study well and do well in their exams.

Since VVIT's vision was to produce socially conscious engineers and this being the election season also, I would like to request all our students, who are also first time voters, to vote compulsorily and vote responsibly.

We all learn that Democracy is the government of the people, by the people and for the people and this definition can be translated to reality only through voting.

By voting, people can make the government accountable and responsible and decide the direction of change and development.

So, I request all the students to exercise their voting right in favour of a candidate or a party they believe would serve to improve their life and career prospects.

Students, being the most educated in a community, should also share their knowledge amongst the community about citizens' responsibility in voting for the right candidate and the party which would steer the state and country responsibly on the path of economical growth and development.

From Editors Desk

Dear Readers,

Welcome to the first edition of our college magazine! As editors, we are excited to present you with a diverse array of thought-provoking articles, inspiring artwork, and engaging stories that showcase the talent and creativity of our college community. We would like to extend our heartfelt gratitude to all the contributors, writers and artists who have dedicated their time and effort to make this magazine possible. Your contributions have truly enriched our publication and strengthened our community.

In this edition, we explore the theme of multifaceting –a quality that resonates deeply with our college community. From personal reflections to academic insights, each piece offers a unique perspective on the power of multifaceting in overcoming challenges and achieving success. We encourage you to dig into the pages of this magazine, explore the stories within, and share your thoughts with us. We hope you find inspiration, insight, and perhaps even a new perspective as you read through these pages.

Warm regards,
Team of VOV.

Meet Our Team



D.Bala Srinivas
Mech



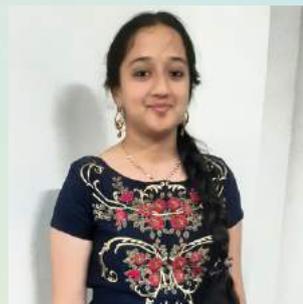
M.Hemanth
Mech



Yuktha Sri Mayuka
IT



Anand.J
AID



Zahira.Shaik
CSM



Chakradhar.P
ECE



Prem Sai Teja.T
CSE



DARGA TO DURGA

Embracing Oneness

-By Chakradhar

In honor of National Youth Day, our college hosts an annual special walkathon to commemorate Swami Vivekananda's birth anniversary. This year, the event took on a remarkable challenge – a demanding 33-kilometer trek! The route snaked from the historic Hazrat-e-Kalesha Mastan Dargah in Guntur to the Kanakadurga Temple atop the majestic Indrakeeladri in Vijayawada. Inspired by glowing accounts from my seniors, I eagerly registered for this unique opportunity.

Excitement buzzed palpably as students from all corners of the college gathered at the starting line near Nalla Cheruvu's Darga at 6:00 AM. Following a guard



of honor from the NCC Cadets of VVIT and resonating patriotic chants of "Vande Mataram," we set off on our journey, led by our esteemed Chairman, Sir Vidyasagar, and Vice-Chairman Mahadev Sir. The melodious chirping of birds provided a serene soundtrack as we engaged in lively conversations and shared laughter with fellow walkers, both old and new.

Our expedition evolved into a spiritual odyssey as we encountered various religious landmarks along the way. The Dhasavataaram temple was our first stop, where a sense of tranquility

enveloped us amidst the soothing aroma of incense. After offering prayers for a successful journey, we proceeded to the Jain temple, marveling at its intricate carvings and peaceful ambiance. A brief respite at the Jain temple allowed us to recharge before pressing on.

Two hours into our walk, we reached a ZPH high school, where we enjoyed a well-deserved lunch served by the ever-helpful NSS volunteers. Amidst camaraderie and shade, we shared stories from the first half of the walkathon, presented with the option

DARGA TO DURGA



Refreshed, we resumed our walk at 3:00 PM, encountering historical landmarks like a church with a striking cross. Snacks provided by students from SAC and hydration ensured by NSS.

Volunteers sustained us as dusk approached, offering a breathtaking sunset that filled us with a deep sense of peace and accomplishment.

By 6:00 PM, we conquered the final hurdle – reaching the summit of Indrakeeladri. Pride swelled within me as we completed the 33 kilometers, fueled by determination and companionship. The sight of the goddess statue at the Kanakadurga Temple filled us with indescribable peace and fulfillment, leaving some students in tears of joy.



After a brief visit to the temple, we descended the hill and boarded transportation arranged by the college. Though our bodies ached, our hearts overflowed with satisfaction. This walkathon was not just a test of physical endurance but a journey of self-discovery and shared experiences, conquering doubts and limitations. By 9:00 PM, we returned to college, exhausted yet exhilarated, with memories etched in our hearts forever. A heartfelt thank you to the college management for organizing this unforgettable adventure!

to continue walking or take a bus to the next stop. Embracing the spirit of adventure, I chose to walk alongside friends and enthusiastic seniors, motivated by the desire to complete the entire route under our own steam

As fatigue set in and the sun beat down relentlessly, my friends kept my spirits high with humorous anecdotes. At 2:30 PM, we reached Shadikhana, where thoughtful NSS volunteers surprised us with refreshing drinks and fruits, revitalizing our energy for the journey ahead.



India's Leap into Human Space Exploration

GAGANYAAN PROGRAMME

- By Bala Srinivas

"Gaganyaan Mission will Be A Historic Achievement In The Field Of Science And Technology For India In The 21st Century. It will Prove To Be A Milestone For New India"

- Pm Narendra Modi

Gaganyaan is India's prestigious space mission which aims to send Indian astronauts into space. This mission demonstrates India's capability to launch human spaceflight missions to low earth orbit using native technology. This program lays the foundation for a sustained Indian human space exploration program in the long run.

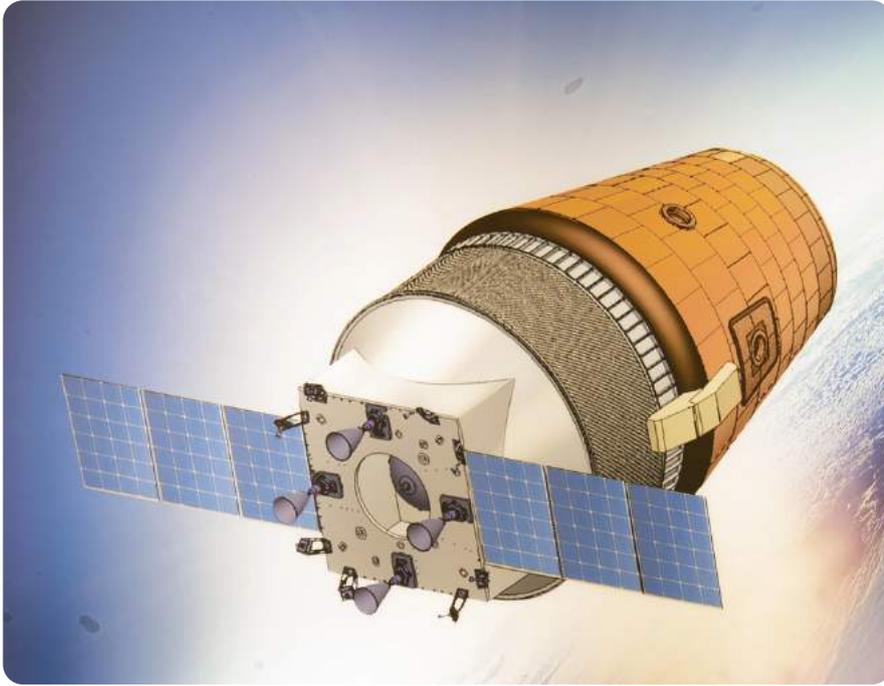
Prime Minister Narendra Modi has expressed his excitement about this mission. He said, "Gaganyaan mission will be a historic achievement in the field of science and technology for India in the 21st century. It will prove to be a milestone for New India". This mission represents the dreams and hopes of all Indians as we reach for the stars.



**GROUP CAPTAIN
PRASANTH
BALAKRISHNAN NAIR**

**GROUP CAPTAIN
AJIT
KRISHNAN**

GAGANYAAN



The Gaganyaan mission is a significant step in India's space exploration. It aims to send a three-member crew, namely Group Captain Prashanth Balakrishnan Nair, Group Captain Ajit Krishnan, Group Captain Angad Pratap, and Wing Commander Shubhanshu Shukla, into Low Earth Orbit (LEO) at an altitude of 400 km.

Astronauts On India's First Crewed Mission To Space.



The mission's main objectives are to Demonstrate India's capability to undertake human space flights and lay the foundation for a sustained Indian human space exploration program individually using native technology.

In preparation for this mission, several crucial components have been involved, such as a human-rated launch vehicle that has been designed to ensure the safe transportation of the crew into space. Additionally, a sophisticated life support system has been developed, precisely crafted to replicate an Earth-like environment for the crew during their space journey. In the event of emergencies, crew emergency escape provisions have been put in place to swiftly evacuate the crew if necessary, and comprehensive crew management aspects have been addressed, covering training, recovery, and rehabilitation protocols to support the crew throughout their mission. These integrated components collectively contribute to the success and safety of the entire mission.

The Gaganyaan mission is developed with some of the most advanced space

exploration technology and innovations such as The Human-Rated LVM3 which is a modified version of the LVM3, The most reliable rocket of the Indian Space Research Organisation (ISRO). The LVM3 has been reconfigured to meet the requirements for human spaceflight. The LVM3 rocket is a heavy-lift launcher that consists of a solid stage, a liquid stage, and a cryogenic stage. The modifications for human-rating involved ensuring the rocket's safety and reliability to carry humans to space. This Human-Rated LVM3 is a crucial part of the Gaganyaan mission.

The Orbital Module for the Gaganyaan mission is another crucial component of the spacecraft which consists of two parts known as the crew module and the service module. The Orbital Module is equipped with advanced aviation systems and a safe environment inside the module. The Orbital Module will be placed in a low-earth orbit by the LVM-3 rocket. The crew will orbit the Earth for up to seven days. After the mission, the crew module which is equipped with parachutes will make a splashdown landing in Indian sea waters. This mission is not just about reaching space. It's about ensuring the crew's safe return and marking a significant achievement in India's space journey.

The Gaganyaan mission is a significant leap for India by marking its entry into manned spaceflight. This mission not only showcases India's technological powers but also sets the stage for future space explorations. It provides invaluable experience, stimulates advancements in various fields, and inspires a new generation of scientists. In essence, Gaganyaan lays the foundation for a vibrant and sustained Indian human space exploration program which makes the way for a new era in India's space journey.

YOUR VOTE YOUR VOICE

The Importance of Choosing Wisely

- By Yuktha Sri Mayuka



As the election season approaches, a wave of excitement and anticipation sweeps through the country. For many of us, especially those stepping into adulthood, this will be our first opportunity to cast a vote and have a say in shaping the future of our nation. The power and responsibility that come with being a first-time voter cannot be understated. It is not just a right but a duty one that has the potential to impact generations to come.

But with this power comes responsibility. It is not enough to simply cast a vote; we must also choose wisely. The leader we elect will be responsible for making decisions that affect everything from education and healthcare to the economy and the environment. We must carefully consider the values and policies of each candidate and choose the one who we believe will best represent our interests and those of our community.

The choices we make at the ballot box will determine the path our country takes on critical issues such as education, healthcare, the economy, and the environment. These decisions will affect not just our lives but also those of our children and grandchildren. It is therefore crucial that we approach this responsibility with the seriousness and thoughtfulness it deserves.

One of the most important aspects of voting is choosing the right leader and to ensure that the voices of all citizens are heard. Voting is a way to make a difference and bring about change in society. It is a way to stand up for what you believe in and contribute to the betterment of your community and country.

A leader who is not just popular or charismatic, but one who has a vision for the future and the ability to turn that vision into reality. A leader who is honest, transparent, and accountable to the people. A leader who is willing to listen to different viewpoints and work towards consensus for the greater good.

The consequences of choosing the wrong leader can be far-reaching and long-lasting. It can lead to policies that benefit a few at the expense of the many, erode the foundations of democracy, and sow the seeds of division and discord. As first-time voters, we have the opportunity to prevent such outcomes by carefully considering the choices before us and casting our votes wisely.

Moreover, our participation in the electoral process sends a powerful message to those in power. It shows that we are engaged, informed, and ready to hold them accountable for their actions.

It reminds them that they serve at the pleasure of the people and that they must govern in a manner that reflects our values and aspirations.

Let us therefore exercise this right with pride, responsibility, and foresight. Let us choose leaders who will lead us towards a brighter, more prosperous future. The power is in our hands—let us use it wisely. Most importantly, LET US VOTE. Because our future is in our hands, and the choices we make today will shape the world we live in tomorrow.



APPLE VISION PRO: BOON OR BANE

- by Zahira Shaik

Let's take a closer look at the Apple Vision Pro, a cutting-edge tech gadget that promises to redefine how we see the world. At its heart lies a stunning display that boasts breathtaking resolution, promising to immerse users in a vivid world of colors and details that were previously unseen.

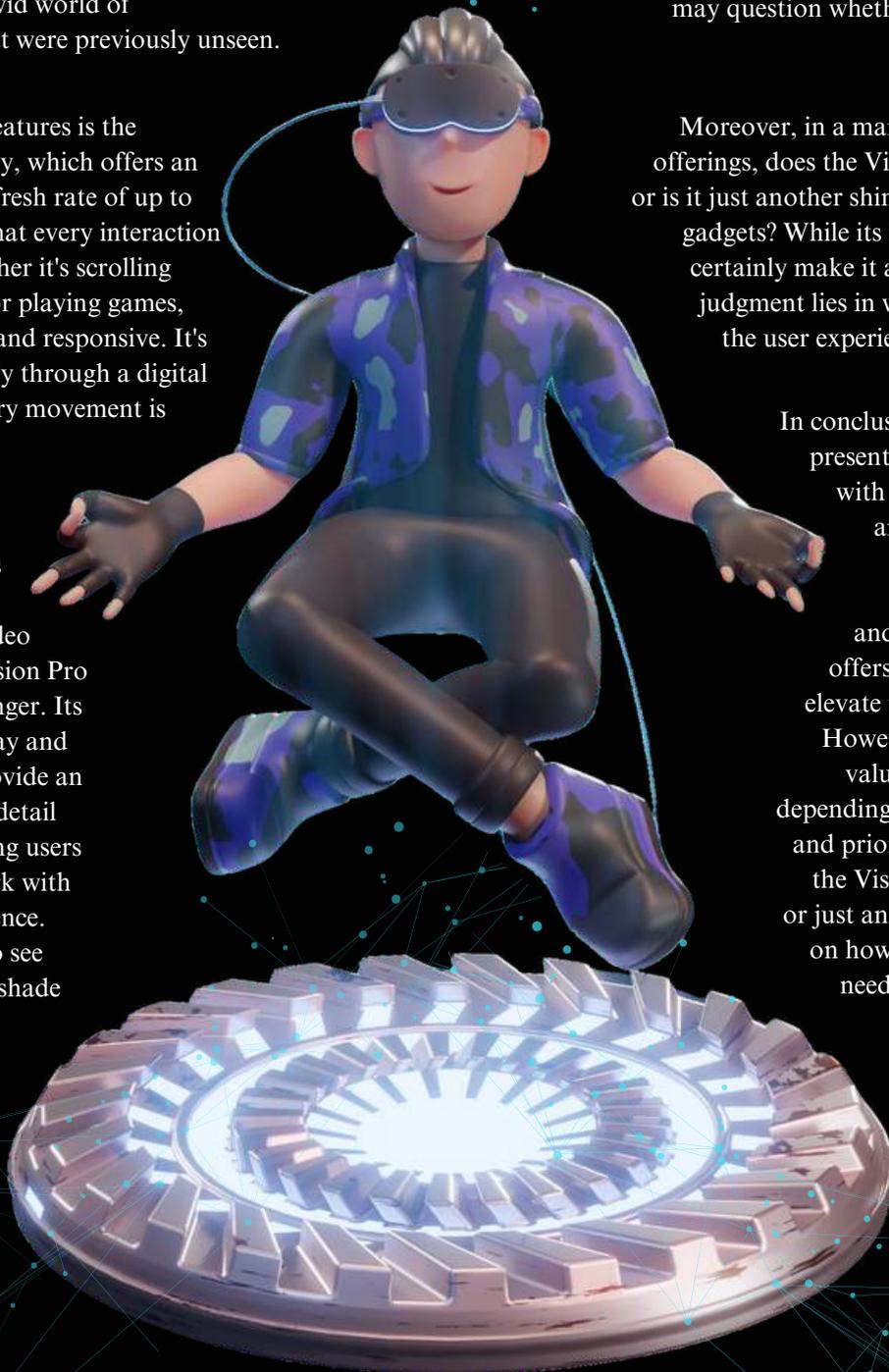
One of its standout features is the ProMotion technology, which offers an incredibly smooth refresh rate of up to 120Hz. This means that every interaction with the device, whether it's scrolling through documents or playing games, feels incredibly fluid and responsive. It's like gliding effortlessly through a digital landscape, where every movement is seamless and natural.

For professionals in creative fields such as graphic design, photography, and video editing, the Apple Vision Pro could be a game-changer. Its high-resolution display and true-to-life colors provide an unparalleled level of detail and accuracy, allowing users to fine-tune their work with precision and confidence. Imagine being able to see every subtle hue and shade with absolute clarity, enhancing both productivity and creativity.

However, for the average user who simply wants to enjoy entertainment and immersive experiences, the value of the Vision Pro may be less obvious. While its advanced features undoubtedly enhance visual fidelity, some may question whether they justify the heavy price tag.

Moreover, in a market flooded with similar offerings, does the Vision Pro truly stand out, or is it just another shiny bauble in a sea of tech gadgets? While its impressive specifications certainly make it a contender, the ultimate judgment lies in whether it truly enhances the user experience in meaningful ways.

In conclusion, the Apple Vision Pro presents an awesome proposition with its state-of-the-art display and advanced features. For professionals seeking top-notch performance and accuracy, it undoubtedly offers tangible benefits that can elevate their work to new heights. However, for everyday users, its value may be more subjective, depending on individual preferences and priorities. Ultimately, whether the Vision Pro is a game-changer or just another tech gadget depends on how its features align with the needs and desires of each user.



EXPLORING THE FRONTLINES OF CYBER DEFENSE

Real-Time Ethical Hacking Insight

- By Sujeeth Kumar



approach. The mention of a physical connection suggests a direct and tangible link for information exchange. The desire for an automatic wireless connection via a CSV port number highlights the convenience and efficiency sought in modern connectivity solutions. IP addresses play a crucial role in this scenario, serving as unique identifiers for devices and, intriguingly, as a means to connect phone numbers to IP addresses. This underscores the increasing integration of telecommunications and digital networking. The emphasis on maintaining servers with distinct names for every connection and device reinforces the importance of organization and differentiation in managing the vast network of interconnected devices.

Mr. Shaik Prem Nazeer application security analyst at Zynovic Solutions. He is a certified Ethical Hacker, Licensed penetration tester and a certified trainer. He is working as a Cyber security instructor at Digital Nest Hyderabad. He has trained 20+ batches successfully and placed more than 60+ students. He is an expertise in complete web and Mobile Application penetration testing. His certifications as an Ethical Hacker and Licensed Penetration Tester suggest that he has undergone formal training and holds recognized qualifications in the field. With over 20 successfully trained batches and a track record of placing more than 60 students, he seems to be a proficient and effective educator, sharing his knowledge and skills with aspiring cybersecurity professionals. His



focus on web and mobile application penetration testing indicates a specialization in a critical area of cybersecurity, given the increasing reliance on digital platforms and the subsequent rise in cyber threats.

In the realm of data transmission, anarchy in employment data transfer refers to the chaotic and unregulated transfer of information, emphasizing the need for a structured and secure

The inclusion of special characters such as percentage symbols, dots, semicolons, and colons underscores the need for robust cybersecurity measures to handle diverse data formats. This consideration extends beyond traditional computers to encompass the broader spectrum of technology, including laptops. The emphasis on easy localization and accessibility speaks to the dual goals of convenience and security in contemporary computing environments.

Cybersecurity, as a concept, extends far beyond the protection of computers and devices. It



encompasses a comprehensive approach to securing networks, applications, and systems. The mention of data and hardware underscores the multi-faceted nature of cybersecurity, which must address threats at various levels within the technological ecosystem. The reference to software indicates a recognition of the vulnerability of code-based systems to malicious attacks and the need for protective measures.

In the context of cybersecurity devices and network applications, the emphasis is on securing the entire process of data transfer, from its inception to its final destination. This holistic approach reflects the complexity of modern technological landscapes where interconnected devices and applications are

integral components of everyday life. Cloud network servers, vital in contemporary data storage and processing, are singled out for their role in maintaining safety and protection.

Mobile security, Internet of Things (IoT) security, and critical infrastructure security are highlighted as distinct but interconnected domains within the broader scope of cybersecurity. The mention of information and data security further underscores the importance of safeguarding the lifeblood of the digital age. The inclusion of PCP (presumably a typo for TCP, or Transmission Control Protocol) in the discussion points to the significance of transport layer protocols in ensuring reliable data transfer across networks.

In conclusion, the landscape of cybersecurity is vast and multifaceted, encompassing a myriad of interconnected elements. From the physical aspects of data transfer to the intricate details of software security, the modern approach to cybersecurity involves a comprehensive and integrated strategy. As technology continues to advance, the challenges and intricacies of securing our digital infrastructure will only intensify, necessitating constant innovation and vigilance in the field of cybersecurity.

CELEBRATING EXCELLENCE



Sri. Vasireddy Vidyasagar Sir elected as President Of Andhra Pradesh Private Engineering Colleges Managements' Association (APPECMA)

Patent received by T. Kameswar Rao Sir, Professor, CSE Dept, for "TELENG- A novel hybrid approach to the desing of a Telugu to English machine translation system"



Dr.Orchu Aruna Madam, Associate Professor, CSE Dept, earned Doctorate at Lovely Professional University (LPU)

Dr. K. Lalitha (Chemistry) earned Ph. D. dissertation at VFSTR University.





Dr Giri Babu sir received IUCEE TLC Leadership award

Mrs.G.Ramadevi, Asst.Prof., of CSE and VVIT- SPOC, Salesforce received SFVIP for the active participation of our VVIT faculty and Students in learning of Salesforce.



K.Yuktha Sri Mayuka of IT received "IUCEE -OUTSTANDING STUDENT LEADER OF THE YEAR 2023"

IUCEE EWB VVIT was awarded with "HIGH OCTANCE STUDENT CHAPTER OF THE YEAR- 2023"



IETE student chapter of VVIT has received "Best IETE Student Forum award"

CELEBRATING EXCELLENCE

4 Members Selected For Meru Data With 7.28 LPA



20BQ1A05B8
LAKKAKULA SAI HARSHITHA



20BQ1A05C7
MAJETY NAGA VENKATA
SAI RAMA HARSHA



20BQ1A1246
DAMARLA NITHIN



20BQ1A12A7
MATURI PRIYANKA KANTARAO

7 Members For Accenture Adv ASE With 6.5 LPA



20BQ1A0509
VEERABHADRA TANMAYEE



20BQ1A0511
PATAN RAFIYA SULTANA



20BQ1A05E2
MEDAGAM VENKATA KARTHIK REDDY



20BQ1A4914
GODDANTI N S S L VENKATA JWALA

Selected by TCS with 7 LPA
through CodeVita



20BQ1A5452
SHAIK HANIYA



20BQ1A05G7
NEELA SANGHAMITRA



20BQ14216
DASARI BHOIVAN



20BQ1A05K1
VARSHITH

GATE 2024 Achievers



21BQ1A42A2 - MAJETI NIKITH
SCORE - 635



20BQ1A05C1 - L.RUSHENDRA
SCORE - 526



20BQ1A05D0 - M. UDAY KRISHNA
SCORE - 523



20BQ1A05I0 - P. LEELA MANIKRISHNA
SCORE - 516



20BQ1A4950 - T. TEJASWINI
SCORE - 496



21BQ1A4274- K. VEERA SAI SINDHU
SCORE - 478



20BQ1A04E6-SAGI SREEVIBHU
SCORE - 459



20BQ1A0480- MERUGU PAVITHRA
SCORE - 426



20BQ1A4933 - P. BINDU RENUKA
SCORE - 425



20BQ1A0446 - D. VENKATA SIVA REDDY
SCORE - 420



21BQ1A42B5 - MUPPARAJU KEERTHI
SCORE - 414

CELEBRATING EXCELLENCE

GATE 2024 Achievers



20BQ1A4207 - B. BHARGAV
SCORE - 408



20BQ1A0407 - ANDHRAJU RISHI NIVAS
SCORE - 390



20BQ1A04H9 - VASINA BHANU PRAKASH
SCORE - 360



20BQ1A4201 - A. SANDHYA GRACE
SCORE - 339



20BQ1A0434 - GOPALEM DIVYA SRI
SCORE - 335



20BQ1A0432 - DONGA SATYA MEGHANA
SCORE - 325



20BQ1A4914 - G.N.S.S.L.V. JWALA
SCORE - 316



21BQ1A42D0 - M.RAVI TEJA
SCORE - 275



20BQ1A0424 - BOMMI NAVEEN
SCORE - 246



20BQ1A04A5 - MARTHATHI REVANTH
SCORE - 241



20BQ1A04E4 - RUDRAPATI DEEPAK
SCORE - 231

“Spotlight on Success: Our Students Shine at External College Events”



RVR&JC FEST CLASSICAL MUSIC SOLO 3RD PLACE



RVR&JC FEST WESTERN MUSIC GROUP- 1ST PLACE



RVR&JC FEST WESTERN GROUP DANCE 1ST,2ND PLACE



RVR&JC FEST MUSICAL BAND -1ST PLACE



VR SIDDHARTHA FEST WESTERN DANCE GROUP 3RD PLACE



RVR&JC FEST THEME DANCE 1ST PLACE



RVR&JC FEST BASKETBALL 2ND PLACE



CHALAPATHI FEST BASKETBALL MEN 2ND PLACE

ONCE A CADET ALWAYS A CADET

- By Harika Velaga



I Junior Under Officer **Harika**, am proud to have been a part of the dynamic institution that is NCC. Throughout my school and college years, it has been the highlight of my experience. This is the story of my five-year journey in NCC, from cadet to junior under officer. It has been a transformation marked by a commitment to unity and discipline.

I am very proud to be a NCC cadet. This NCC has enabled me to learn many things because of the camps that I have attended. It has improved my interpersonal relationships And

built character, discipline, and satisfaction out of hard work. With the experience of 11 camps, I could now sustain myself in any environment. It has taught me self-control over various things like hunger, sleep, anger, patience, and so on. Wearing the uniform is a proud moment. This makes me grow into various disciples of life.

There has been a great transformation in me from a girl to a strong woman because of the challenges that I have faced during the camps. The uniform fits our hearts with the joy and pride of being an Indian. The most important thing is that I have learned to accept failure, which will help me grow. I have experienced many challenges during my camps, which taught me the importance of never giving up.

The NCC is a holistic thing. I can emphasize this in all aspects of life. I have come across many subjects like drill, weapon training, health and hygiene, personality development, leadership, adventure, and obstacle training.

It is a wholesome experience to be present at the campsite. It is an immense pleasure that I have got to do 3 camps at the Military Garrison at Secunderabad; that is really a heaven full of greenery and military personnel. This is a non-

profit organization, but it will profit every cadet. Being a leader for 5 camps, I have learned responsibility, time management, and leadership skills. This made me meet many military officers who are perfect in every aspect of their lives. This will make me have a disciplined life as they are.

As a senior, I have learned many things, like accountability, punctuality, decision making, problem solving, and balancing both NCC and academics. There are times in the camp where there is no one to support, but I stood by myself, which filled my soul with courage to fight anything. I have tried two years for RDC, but I haven't achieved it. This makes me accept the failure to be successful in life. Many people have cried because of my rejection, and this feels like I have lots of well-wishers who are gifted by NCC

I have attended many interviews, group discussions, and physical



tests, which have inculcated in me self-confidence. During the selection camps, I don't have time to prepare for exams. Somehow, I have managed it, which brings out the quality of time management. NCC cadets live life like officers without being a part of the premier Indian military training institutes like NDA, IMA, and OTA.

The position of contingent commander in a parade is one of great honor and responsibility for a cadet. While the opportunity to lead the entire parade is rare and highly coveted, it is not without its challenges. As the individual in charge of coordinating and directing the contingent, the contingent commander must possess a high degree of discipline, organizational skill, and leadership ability.

As I embark on the next chapter of my life I look back on my five-year journey in NCC, I am filled with gratitude for the experiences, the lessons, and the memories that have

shaped me into the person I am today. From the moment I joined, I knew that NCC would be more than just an extracurricular activity; it would be a journey of self-discovery, growth, and camaraderie.

It has been an honor and a privilege to be a part of NCC, and I am grateful for every moment. NCC has not only been a part of my past but will also be an integral part of my future.





FROM HILLS TO WAVES AND EVERYTHING IN BETWEEN

- By Chakradhar

Our college trip to Vizag was an adventure bursting with challenges, breathtaking sights, and memories that will last a lifetime. We started off with a crew of 120 excited students, 6 dedicated faculty members, and 3 trusty buses. The energy crackled in the air as we piled into the buses, our excitement buzzing like a live wire. The journey from Guntur was a party on wheels – music thumped through the speakers, my friends danced and not a single person slept! We were fueled by pure anticipation for the adventure that awaited us in Vizag.

Party on Wheels: Sleep? Who needs sleep when you have friends, music, and endless energy? Our bus transformed into a mobile party as we belted out songs and danced the night away. The



comradeship was infectious, fueling the excitement for what awaited us in Vizag.

Lambasingi A Challenge Accepted: Our first stop was the breathtaking Lambasingi. This wasn't just sightseeing; it was a personal challenge. We had two options: a scenic walk up the hill station or a jeep ride to the

viewpoint. A group of us, myself included, decided to conquer the climb on foot.

Pushing My Limits: Now, I'll be honest – I have a bit of a breathing problem, and monsoon areas aren't exactly my friend. The climb started well, but soon, my legs began to tire, and my breath came in ragged gasps. Disappointment

threatened to engulf me. My legs felt like lead weights, and every step was a struggle. I looked at my friends, effortlessly climbing ahead, and a wave of discouragement surrounded me. With a silent prayer to Lord Hanuman for strength, I reached deep down inside myself, to a place I didn't even know existed. It was like finding a hidden reserve of energy I never knew I had. Slowly, my breathing calmed down, and with each determined step, I closed the gap between me and my friends, finally reaching the viewpoint alongside them.

Sunrise Spectacle: The view from the top was worth every bead of sweat. As the sun peeked over the horizon, painting the sky in a dazzling array of colors, I knew this was a moment I'd never forget. The beauty of nature washed away all tiredness, leaving behind a sense of pure awe.

Waterfall Fun (and a Few Falls!): Our adventure continued with a trip to the waterfalls. Remember, I mentioned the breathing problem? Well, add slippery rocks to the mix, and you've got a recipe for some (fortunately harmless) tumbles! Despite the occasional slip, the laughter and joy were contagious.

A Feast for the Senses: After a delicious dinner arranged by the organizers, we headed to Araku, where our comfortable rooms awaited. The evening was filled with the crackle of a bonfire, the pulsating beats of a DJ night, and of course, delicious food. The energy remained high, fueled by the shared experience and the joy of being together.

Exploring Vizag's Treasures: The next day saw us exploring the diverse offerings of Vizag. We reveled in the lush greenery of the botanical garden, capturing countless pictures. The chocolate factory was a treat for our taste buds, while the tribal museum offered a fascinating glimpse into the



rich culture of the region.

RK Beach Bliss: As dusk settled, we found ourselves at the iconic RK Beach. The rhythmic crash of waves against the shore, the gentle sea breeze, and the nostalgic tunes playing in the background created a sense of pure peace and tranquility. It was the perfect way to unwind after a whirlwind adventure.

Steel Power and Zipline Thrills: Day three saw us split into two groups. One group, including myself, embarked on a tour of the impressive Vizag Steel Plant (VSP). While we couldn't witness the live production process, a detailed video presentation provided us with a deep understanding of steel production. The highlight, however, was the exhilarating zipline ride near Kailasagiri Port.

Soaring through the air, the wind whipping through our hair, it was a thrilling experience that left us grinning from ear to ear.

Memories Made to Last: The journey back to Guntur was filled with a bittersweet mix of exhaustion and contentment. We had experienced so much in such a short time – challenges overcome, friendships strengthened, and memories created that will last a lifetime. This trip wasn't just about sightseeing; it was about pushing boundaries, discovering hidden strengths, and appreciating the beauty of nature and human connection. So, if you're looking for an adventure that will leave you breathless (both literally and figuratively), pack your bags and head to Vizag – you won't regret it!



From Campus to Career: A VVIT Alumni Story

- Interview by Zahira Shaik

Kukunuri Mohan Sri Harsha is an accomplished lead software engineer at nference, with a degree in IT from VVIT. He has a rich history of leadership, having served as the 2013-2017 SAC president, a senior under officer in the NCC, and a dedicated NSS volunteer. His passion for technology and commitment to excellence have helped him achieve great success in his career and beyond.

How has your education at our college influenced your career path?

I had a great learning experience at VVIT. I was more interested in practical knowledge, and I rarely missed any lab hours. In addition to coding, I've developed the skill to understand the problem statement by applying technical concepts like Data Structures and OS to it. This approach helped me crack technical interviews and even solve complex problems at work. There are also many incidents where I've presented a good set of leadership skills at work, which I've cultivated here while organizing the college events.

What advice would you give to current students based on your experiences?

College provides a lot of opportunities to grow as an individual and as a team. I would suggest students make use of them and build their career paths. For example, students can turn their college

“The need to adopt the technology available and solve real world problems is necessary!”

project ideas into real world businesses, nourish their skills in sports and compete for nationals and internationals, perform research on core technologies and publish papers, make use of NCC training and build a path to defense, use the alumni reference as an entry point to established companies, etc.

How has the software industry evolved since you graduated?

IT industry is evolving every day and every hour. If we are learning tech at this moment, someone out there in the industry is already ready with an upgraded version of it to publish. A year ago, the expectation to hire a fresher was good coding skills and computer engineering concepts, but today this is almost replaced by AI. Now there is a requirement to hire freshmen who can apply their conceptual knowledge to problem solving using the AI available and also enhance the capabilities of AI. So, the need to adopt the technology available and solve real world problems is necessary.

What advice would you give to current students interested in pursuing a career in software?

IT industry is more than a coding language and tool, there are various stream lines of careers like App development, Web development, Operations, Cloud Engineering, testing, UI development, Database admins, ML, Cyber Security, etc., so explore more and choose the path you are interested in. Build a LinkedIn account,



watch/follow the tech pages on LinkedIn. Keep an eye on the YouTube tech channels. Completion of online courses, having projects done, and doing internships are advantages to kick-starting a career.

Can you share a challenging project or problem you worked on and how you overcame it? How do you stay updated with the latest trends and technologies in the software industry?

Among all the projects I've taken up, the most challenging project was "live crawling and processing." I had to download (scrape) all the legit information on the internet to get public (non-private) biomedical data and process it as per the application need. The target was to download every line of published information present

INTERVIEW

on 700+ websites. The major challenge was not to fall into loop while visiting the website URLs and also to be one of the first ones to consume any media published data and provide it to the application. That way, the app has more data than any other competitor. It was quite challenging and had no default solution to use, so I built the entire architecture from scratch using Python, Docker, Kubernetes, C. and was able to download 14 million URL's data in 24 hours. Now this system runs 24*7*365 perfectly. Practically none of us can be updated in all the areas, so every time a problem is to be solved, look out for the best tech available that matches your solution and approach.

What are some of the most important skills you've learned in your career?

Most valuable skill I've learned is "the way of learning." It is important for an individual to have a good sense of depth and breadth while learning anything.

Most valuable skill I've learned is "the way of learning." It is important for an individual to have a good sense of depth and breadth while learning anything.

Today every business model runs on the analysis and predictions of real-time data. Software helps in making these business decisions, and the need for growth is clearly visible in these areas of data. Cloud computing, Cloud operations, Machine Learning, Data security, Data engineering, Data storage etc.



What role have NCC and SAC played in life?

NCC training taught me discipline both mentally and physically during my 2 years at NCC. At SAC, during the journey from being a general body member to a president, I've learned a lot. Team player as a general body member; advertising during sponsorships and promotions, money, resource, and time management during events; team management as a president, etc.

What role did networking play in your career progression after completing your degree?

I was selected for Tech Mahindra in the on campus placement but had to wait for 8 months to receive joining data due to company projects and market conditions. During this time, I was enhancing my skills in Python and updating my LinkedIn. I luckily noticed that Deepcompute has openings in Python, and one of connections from college is working there. Based on the feedback of my work experience, I've applied for the interview, and it turned out that I gained 5+ years of experience in the company.

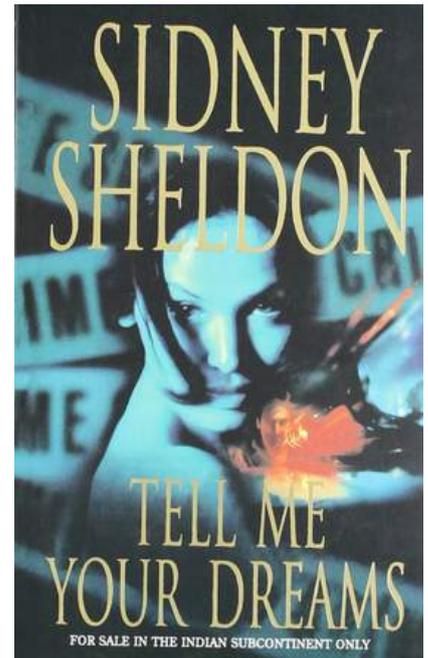
Looking back, is there anything you would have done differently during your time studying?

Unlike today, there weren't enough opportunities for internships and real time industry experience back then. It would've been an added advantage to have such an experience.

As someone who appreciates nature, how do you balance your love for the outdoors with a career that is often indoors?

One advantage of working in the corporate sector is having a two-day week off. I usually plan my vacation once every two months, taking a leave in alignment with the weekend and any public holidays following.

BOOK REVIEW



"Tell Me Your Dreams" by Sidney Sheldon is a gripping crime thriller centered around multi-personality disorder. Initially, the story may seem confusing, but as you delve deeper, clarity emerges. The main characters include Ashley Patterson, her father, and her coworkers Tony Prescott and Alette Peters. At first glance, Ashley, Alette, and Tony appear to be separate individuals, but halfway through the book, it's revealed that they are all facets of Ashley's personality. When Ashley is implicated in a series of murders committed by her alter ego, Tony, the narrative intensifies as she fights to prove her innocence. The novel delves into the sensitive topic of how traumatic experiences in childhood can impact mental health, while also exploring other significant themes. With its captivating plot and suspenseful twists, "Tell Me Your Dreams" is a compelling read that keeps readers on the edge of their seats.

- By Kanthirmai

THE GREAT NIGHT VIGIL OF LORD SHIVA

A Night of Devotion, Fun,
and Togetherness

-By Chakradhar

This year's Mahashivaratri at VVIT College was truly unforgettable! The energy crackled as many students came together to celebrate this holy night dedicated to Lord Shiva.

The festivities began with a night of enchanting devotional songs led by the ever-enthusiastic Rajendra Sir. It was heartwarming to see kids belting out the tunes with such confidence, their voices filling the air with a sense of

devotion. Following the melodious chants, Sri Sathyavathi garu took the stage and captivated the audience with fascinating stories about the lingodbhava of Lord Shiva. Her insightful words about his greatness and the importance of following our traditions resonated with the students. She provided valuable insights into our culture and traditions, urging them to follow them and offered some helpful advice.

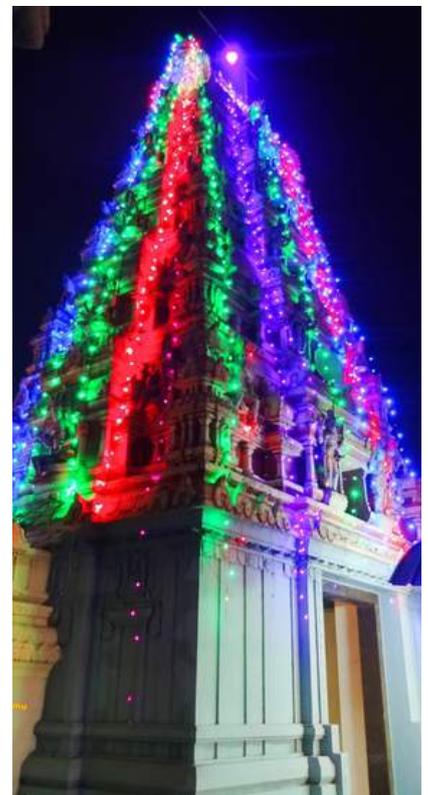
After a delicious dinner that refueled our spirits, the night unfolded into a truly vibrant experience. Different activities catered to everyone's interests. Some students witnessed Sri vasireddy vidhya Sagar sir (Chairman of Vvit clg) perform the Shiva linga puja in the central block, seeking blessings for the college community. Others enjoyed the live stream of Isha Foundation's celebrations, immersing themselves in the event's grandeur from afar. For

As the clock struck midnight, the excitement peaked with a trip to the renowned Sri malleshwara swamy temple near PedhaKakani . The temple buzzed with devotees, but thankfully, our darshan happened quickly. Standing before the majestic Shiva Lingam, the powerful chants of "Om Namah Shivaya" filled the air, uniting everyone in prayer. We were fortunate to witness the Shiva Parvati Kalyanam near the temple, which filled our hearts with happiness and peace.



Returning to the college after this spiritual experience, we were greeted by a delightful surprise – a movie night planned by our awesome seniors! After a quick poll, "Akhanda" emerged as the clear winner, and the movie hall erupted with cheers and laughter. The night became even more special when

Chairman Sir himself joined us midway, creating a sense of camaraderie between students .The event finally concluded with the distribution of prasadam, marking a truly successful celebration.



Mahashivaratri at VVIT College wasn't just about religious rituals. It was a celebration of our rich Indian heritage, a chance to connect with fellow students, and a night filled with fun memories that will last a lifetime. A big thank you to the college management, Sri Vasireddy Vidya Sagar Sir (Chairman), and our seniors for making this event so special!

EVENTS SPOTLIGHT



Annual Day



TEDxVVIT



VIVAVVIT 2K23-2K24



Balotsav - 2K23



Ayodhya Ram Mandir
Consecration



NSS Special Camp



Republic Day Celebrations



Alumni Connects



RTO Officer Interaction



Guest Lectures



NSS Blood Camp & Medical Camp



Health Awareness



Karthika Deepotsavam



Alumni Meet - 2K23



Bharath Blockchain Yatra



LEADING WITH PURPOSE

Reflections Of An IUCEE EWB President

- By Yuktha Sri Mayuka

In my second year, I joined the IUCEE EWB, which led me to become the President of the IUCEE EWB VVIT technical body. It has been a year since I began this role as president, and it has been challenging yet immensely rewarding. It provided me with a platform to lead and contribute to a community of students dedicated to advancing technology and innovation.

One of the most fulfilling aspects of being president was the opportunity to shape the strategic direction of the organization. Working closely with fellow board members, I was involved in setting goals, developing programs, and implementing initiatives that aimed to benefit members and promote excellence in the field.

Leading this diverse and global team was both challenging and rewarding. It required effective communication, collaboration, and a keen understanding of cultural differences. However, overcoming these challenges strengthened our bonds and enabled us to work towards our common goals more effectively.



Working with IUCEE made me the president of an international body, which eventually led to my place on a national council, the National Student Committee (NSC). I had the privilege of representing VVIT at various national events and conferences. These experiences not only enhanced my professional network but also allowed me to showcase the organization's work on a global stage.

In the beginning, I faced a language barrier that hindered my ability to interact effectively with peers compared to my fellow mates. I noticed they were open-minded and adept at engaging with directors and other colleagues, unlike myself. Taking the initiative, I began communicating more with my

fellow mates, which helped me overcome this barrier and become more involved in our work discussions.

Additionally, balancing my academic commitments with my role as IUCEE president proved challenging. With over 500 students under IUCEE (NEP, EWB, GWCC, Bhavishya, Waadhvani, etc.) to oversee, I struggled to manage my time effectively.

Attending the IUCEE Annual Student Forum in Hubballi at KLE Technological University was an enriching and memorable experience. The three days were packed with a plethora of activities that enhanced my knowledge and provided a platform for networking and skill development.

The workshops I attended were insightful, covering a wide range of topics, from emerging trends in engineering to hands-on sessions that challenged our problem-solving abilities. On the second day, the nature walk was a refreshing break, allowing us to connect with nature amidst the hustle and bustle of the event.

The award presentation ceremony was a highlight of both the first and last days at IASF, recognizing the hard work and dedication of students and educators. It was inspiring to see the impact of their work on the engineering community. As recognition,



education. It was inspiring to see the passion and dedication of the presenters, and I left each session with a deeper appreciation for the field.

and much more. This couldn't have and much more. This couldn't have been possible without the support of the VVIT management, Dr. K. Giri Babu sir, and Dr. K. V. L. Somashekar sir in guiding me.



IUCEE awarded me “Outstanding Student Leader of the Year 2023” and “High Octane Student Chapter 2023” at IASF 2024.

The project expos and paper presentations were eye-opening, showcasing innovative ideas and cutting-edge research. I was amazed to learn about the diverse projects undertaken by students of my age from different streams and colleges in the country. The paper presentations were intellectually stimulating, offering valuable insights into the latest research and developments in engineering

At IASF, I got the opportunity to meet like-minded people and industry experts in person, share our thoughts and experiences, attend workshops, receive awards,

The IUCEE Annual Student Forum in Hubballi was a fulfilling experience. It not only broadened my horizons but also allowed me to interact with like-minded individuals passionate about engineering and technology.

Being the president of an international technical body was a transformative experience. It not only allowed me to contribute to the advancement of my field but also helped me grow personally and professionally.





In today's interconnected digital landscape, data protection has become paramount. As we navigate the vast ocean of information, safeguarding our personal and sensitive data is crucial. Let's delve into why data protection matters and explore some strategies to keep our digital lives secure.

Why Protect Your Data

Privacy Preservation: Our digital footprints are extensive, from social media posts to online transactions. Protecting our data ensures that our privacy remains intact, shielding us from potential misuse or identity theft.

Financial Security: Cybercriminals target financial data, aiming to steal credit card details, bank account information, and more. Robust data protection safeguards our financial well-being.

Business Continuity: Organizations rely on data for operations. Ensuring data integrity prevents disruptions, loss of critical information, and financial setbacks.

Legal Compliance: Laws like the General Data Protection Regulation (GDPR) mandate data protection. Non-compliance can lead to hefty fines.

Effective Data Protection Strategies

Strong Passwords: Use unique, complex passwords for each account. Consider using a password manager to keep track of them securely.

Two-Factor Authentication (2FA): Enable 2FA wherever possible. It adds an extra layer of security by requiring a second verification method (like a text message or app).

Regular Backups: Regularly back up your data to prevent loss due to hardware failure, malware, or accidental deletion.

Encryption: Encrypt sensitive files and communications. Encryption ensures that even if data is intercepted, it remains unreadable without the decryption key.

Stay Informed: Keep up with cybersecurity news and

best practices. Awareness helps you adapt to evolving threats.

Beware of Phishing: Be cautious when clicking links or downloading attachments. Verify the sender's authenticity before sharing personal information



Effective Data Protection Strategies

AI and ML play a crucial role in advanced threat detection. They analyze patterns, anomalies, and behaviors to identify potential risks. These technologies enable automated responses, improving incident management and reducing manual tasks.

Zero Trust Security Models

The shift in security models is moving from the traditional perimeter-based approach towards Zero Trust. This Zero Trust model operates on the assumption that there is no default trust, necessitating continuous authentication and authorization for every user and device. It guarantees that access is granted based on context and risk assessment, irrespective of the user's or device's location.

Privacy-Enhancing Technologies:

Confidential computing is gaining prominence. It allows data to remain encrypted even during processing, reducing exposure. Techniques like homomorphic encryption enable computations on encrypted data without decryption, enhancing privacy.

International Data Transfer Frameworks:

With global data flows, adherence to international data transfer regulations is critical. Frameworks like the EU-US Privacy Shield and Standard Contractual Clauses facilitate cross-border data transfers while ensuring privacy compliance



ensuring privacy compliance

Data Protection Trends:

- **Data Portability:** Facilitates seamless data movement across platforms.
- **Mobile Data Protection:** Ensures security for mobile devices.
- **Ransomware:** Requires robust backup, encryption, and air gaps.
- **Copy Data Management (CDM):** Efficiently manages data copies.
- **Disaster Recovery as a Service:** Ensures data availability during disruptions.

Conclusion:

In conclusion, data protection and privacy are critical in our interconnected digital world. By adhering to robust data protection principles, staying informed about emerging trends, and actively participating in shaping a secure digital ecosystem, we contribute to safeguarding our personal information and ensuring a more private and resilient future.





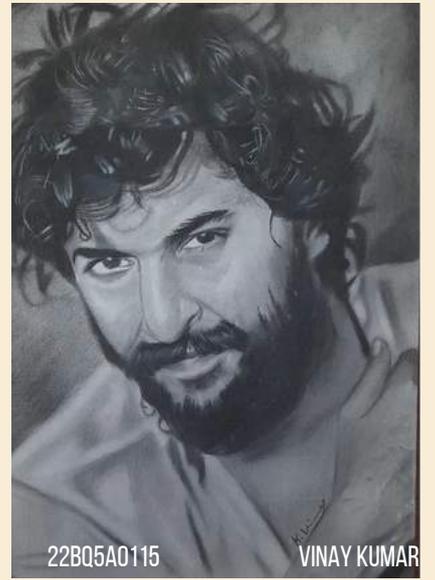
23BQ1A0509

YESWIN



23BQ1A5403

KAVYA NANDINI



22BQ5A0115

VINAY KUMAR

CREATIVE CANVAS



21BQ1A4210

SARATH CHANDRA



21BQ1A5449

BHAVYA SURAPARAJU



22BQ1A4293

M KARTHIK



20BQ1A12F8

NAMITHA SURABOINA



23BQ1A4705

HARINI



21BQ1A0513

POLURI MEGHANA



21BQ1A0517

RAMESHBABU VAISHNAVI



22BQ1A6117

K.PRASANNATHA



VAMSI PRIYA
23BQ1A1263



KOUSHIK MACHARLA
22BQ1A1289



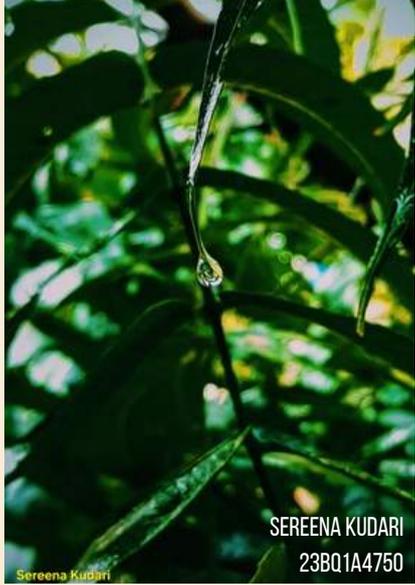
SIRI
22BQ1A42C9



K.PRASANNATHA
22BQ1A6117



NAMITHA SURABOINA
20BQ1A12F8



Sereena Kudari

SEREENA KUDARI
23BQ1A4750

SHUTTER STORIES



ALFRED MARK
22BQ1A0462



P.KRISHNA VAMSI
22BQ1A05H3



BORUGADDA RAHUL
21BQ1A5406



CHARISHMA N
22BQ1A54A7



SHAIK FAIZULLA
21BQ1A6151



SRI NITHYA MALLADI
22BQ1A1291



BEYOND BORDERS: Navigating New Horizons With Krishna Kireeti Bhashyam

- By Yuktha Sri Mayuka

"**Bhashyam Krishna Kireeti**, the founder of Arkhas Overseas, completed his Bachelor's in Mechanical Engineering (2014-2018) from VVIT and further pursued an MBA at ULSTER UNIVERSITY (2019-2021) in the UK. With a strong foundation in engineering and business management, he is dedicated to leading Arkhas Overseas towards success and innovation in the industry."

What motivated you to pursue your master's degree abroad?

Studying abroad has been a transformative experience, challenging individuals to step out of my comfort zone and develop independence, adaptability, and resilience.

Can you share some of the key challenges you faced during your studies abroad, and how did you overcome them?

Educational systems vary from

country to country, and students may encounter differences in teaching styles, grading systems, and academic expectations. It's important to familiarize oneself with the academic culture, communicate with professors, seek academic support services, and actively participate in class discussions and assignments.

Could you discuss any extracurricular activities or projects you were involved in during your

master's program?

Participating in cultural festivals, art exhibitions, music concerts, theater productions, and other cultural events enriches the study abroad experience and promotes cross-cultural exchange and appreciation.

What skills or knowledge did you acquire during your master's program that you find most valuable in your current career?

Master's programs at Ulster University instill a lifelong learning mindset, encouraging individuals to stay curious, seek new knowledge, and adapt to evolving industry trends and technologies throughout my careers.

How do you think your experience studying abroad has influenced your perspective on global issues or your approach to problem-solving?

Studying abroad exposes individuals to diverse cultures, traditions, perspectives, and ways of life. This experience fosters cultural awareness, empathy, and understanding of global diversity, which are essential for addressing global issues with sensitivity and inclusivity.

Have you ever experienced any embarrassing cultural misunderstandings or language mishaps during your time abroad?

Using public transportation in a new country can be challenging, especially when navigating unfamiliar routes, ticketing systems, or etiquette. Getting lost, missing stops, or accidentally boarding the wrong train or bus can be embarrassing experiences.

Were there any memorable encounters with wildlife or nature that left you feeling like a fish out of water?

Exploring natural landscapes such as mountains, deserts, or jungles can be exhilarating but also challenging for those unfamiliar with outdoor activities or wilderness survival skills. Hiking, camping, or trekking in remote areas may leave individuals feeling out of their element if they are not accustomed to navigating natural environments.

Did you have any "lost in translation" moments that still make you laugh when you think about them?

A student studying at my university attempts to order food at a local restaurant using their limited language skills. They try to communicate their preference for a dish with no onions, but due to a misunderstanding or mispronunciation, they end up saying they want "extra onions" instead.

This miscommunication could lead to a humorous situation where the student receives a dish overloaded with onions, much to their surprise and confusion. While it may be frustrating in the moment, looking back on such incidents can often evoke laughter and serve as a memorable reminder of the challenges and adventures of studying abroad.

What role did networking play in your career progression after completing your master's degree abroad?

Networking allows individuals to exchange knowledge, expertise, and experiences with peers and professionals in their field. Participating in discussions, workshops, and collaborative projects can enhance skills, expand knowledge, and foster professional growth.

Looking back, is there anything you would have done differently during your time studying and settling abroad?

Develop a realistic budget and financial plan to manage expenses during your time abroad. Be mindful of currency exchange rates,

cost of living differences, and potential unexpected expenses.

Prioritize your physical and mental health by maintaining a balanced lifestyle, seeking medical care when needed, and accessing support services for mental health and well-being.

What brought you back from abroad?

Returning from abroad may provide opportunities for career advancement, networking, or professional development in one's home country. I have gained enough knowledge to set up my own business.

How did u set up Arkhas overseas? What led to it?

Arkhas was established on March 9, 2023. I have completed my studies abroad. I have seen students struggling as a consultancy is not helping with career guidance, accommodation, and part-time jobs. So I thought to set up Arkhas overseas to help students with their career goals, part-time work, and accommodation assistance. After completion of the master's, we provide jobs as per their relevant courses. My dream is fulfilled with Arkhas, as I have successfully completed 81 visas for different countries in the past year.

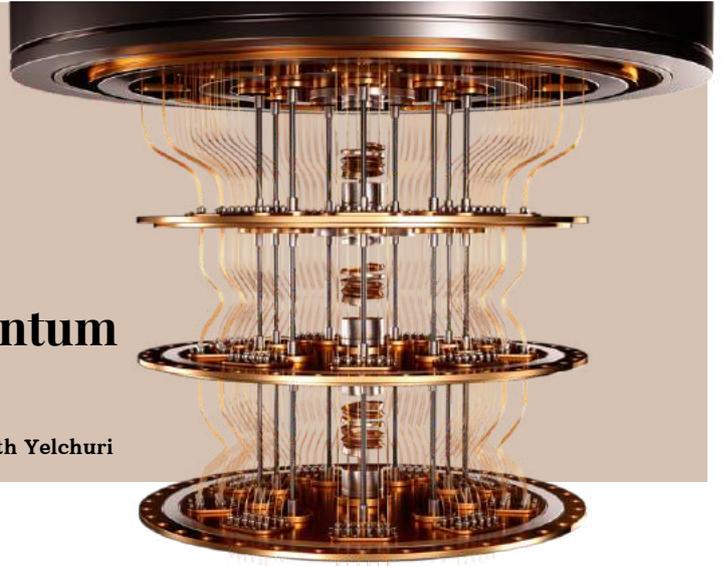
What are your future plans with Arkhas and life?

I have already extended Arkhas overseas in different places like Tirupathi, Ongole, Anantapur, and Kadapa. And we are planning to provide jobs in India, as we are going to tie up with some companies. Thank you for this great opportunity. Below are the contact details provided for guidance for your future.

Beyond Binary...

Navigating the World of Quantum Computing

- By Nihith Yelchuri



Unleashing Infinite Possibilities

Quantum computing is a relatively new and upcoming technology that uses the principles of quantum physics to solve complex problems. Whilst it is still in the early stages of development, the possibilities and results so far indicate that quantum computing has a promising future in real-world applications. Major companies such as IBM, JP Morgan Chase, Microsoft and Volkswagen, and countries such as Japan, China, and the United States have started researching this sought-after technology in depth.

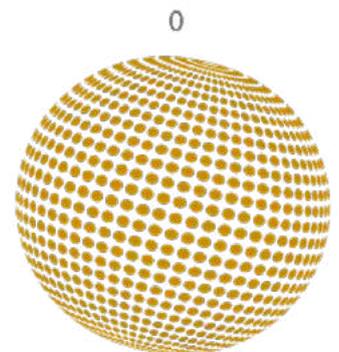


What actually is Quantum Computing

Classical or traditional computing architecture processes data and calculations that occur in a binary state, aka "bits" or values of 1s and 0s, to make decisions about the data it's processing. It's sort of like a light switch, which can only exist as off or on. Unlike classical computing architecture, quantum computing processing occurs simultaneously in multiple states. Instead of bits, a quantum computer has a sequence of quantum bits or qubits, which can be 1 or 0 or any combination of values in between, existing at the same time – which in turn means they can store a massive amount of information while using less energy. The point being, quantum computing is more powerful and capable of processing far more data and complex calculations.



Bit



Qu Bit

Unlocking Limitless Potential

The main advantage of Quantum Computing is to handle complex problem solving. By harnessing the quantum property of superposition, qubits can exist in an infinite yet contained number of states: 0, 1, or any combination of the two.

- Machine learning and AI

Quantum computing boosts machine learning and AI with superior computational power, faster optimization, advanced data analysis, innovative neural networks, and heightened privacy measures.



- Security

Quantum computers bolster security through unpredictable capabilities, fortifying encryption key generation to safeguard sensitive data and communications against evolving threats.

- Atomic and molecular scale research

Quantum computers manipulate subatomic particles, making them ideal for research and development at the atomic and molecular scale.

- Materials science

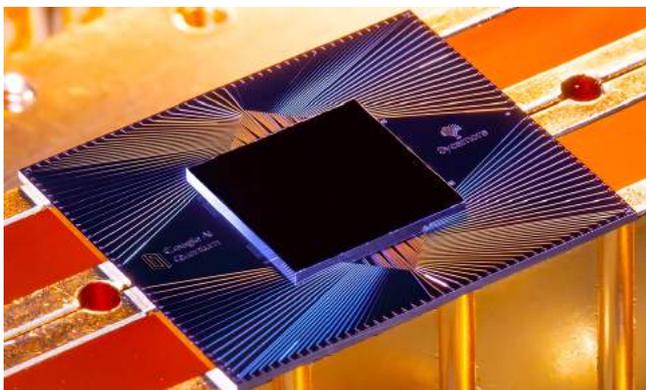
Quantum computing accelerates materials science, expediting the discovery of novel materials with exceptional properties, thereby revolutionizing various industries.

Recent Advances in Quantum Computing

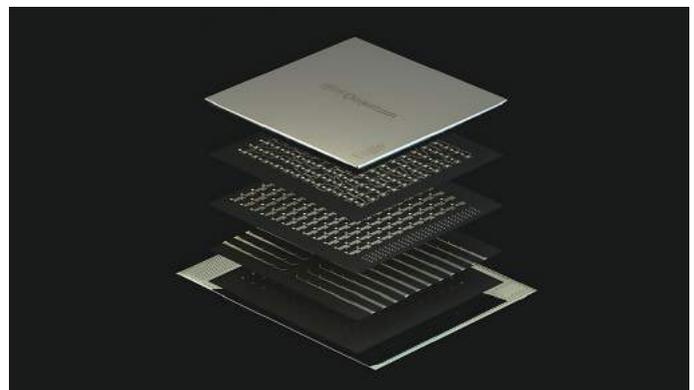
Google: In 2023, Google achieved "quantum supremacy" with a 54-qubit processor, solving complex problems in minutes instead of millennia. They're scaling up their Sycamore processor and exploring error correction.

- **IBM:** IBM leads in cloud-based quantum computing, offering access to their hardware through IBM Quantum Experience. They recently unveiled a 127-qubit computer and aim for 1,000 qubits by 2023's end.
- **Microsoft:** Microsoft prioritizes topological qubits, focusing on Majorana quasiparticles' development. Azure Quantum provides cloud access to quantum computing resources.

- **Amazon:** Though quieter about quantum efforts, Amazon is active in R&D, with numerous patents filed. Expected to play a major role in the field's future.



Google Sycamore Processor



IBM's 127 - Qubit Processor

GAAMI

“Embarking on a journey of self-discovery, Gaami takes us on an epic adventure that’s as thrilling as it is enlightening. A visual masterpiece that transcends the ordinary, it’s a testament to the power of storytelling and the magic of cinema.”

- By Prem Sai Teja

Storyline and Telling:

"Gaami," which translates to 'One who is on a quest,' is a visually stunning film that follows the epic journey of Shankar, an aghora seeking a cure for his affliction that prevents human contact. The narrative weaves a tale of redemption and discovery as Shankar embarks on a quest for the mystical 'Maalipatra' mushroom, alongside Jahnvi, a microbiologist with a similar goal.

Makeover:

The film's makeover and costume design brilliantly reflect the ruggedness of the Himalayas and the solitude of Shankar's aghora life. Vishwak Sen's transformation into the reclusive character is both convincing and compelling.

Casting and Production:

Vishwak Sen leads the cast with a powerful portrayal of Shankar, supported by Chandini Chowdary, who brings depth to her role as Jahnvi. The ensemble cast, including Mohammad Samad and Abhinaya, deliver strong performances that enhance the film's emotional narrative.

VFX and Artwork:

"Gaami" employs state-of-the-art VFX to capture the essence of the Himalayas, creating a mesmerizing backdrop for the story. The art department's attention to detail brings to life the southern Devadasi tradition and the northern Indian landscapes.

Direction and Camera Shots:

Directed by Vidyadhar Kagita, the film distinguishes itself with breathtaking cinematography by Vishwanath Reddy Ch. The direction is ambitious, employing non-linear storytelling that draws comparisons to Hollywood epics.

DOP and Background Score:

The Director of Photography captures the quintessence of the Himalayas, marrying physical odysseys with spiritual quests. Naresh Kumaran's background score resonates with the film's thematic essence, supporting the visual storytelling.

Conclusion:

In conclusion, "Gaami" is an ambitious film that, despite its narrative complexities and significant runtime, offers a unique cinematic experience with its innovative storyline, strong performances, and visually captivating execution. While it may not cater to all audiences due to its slow-burn approach, it stands as a testament to the potential of Telugu cinema in crafting emotionally charged, visually epic adventures.

GRADUATE GOODBYES



Our college isn't just any place; it's an indelible ink etched in our hearts with the laughter, the camaraderie, and the shared memories that define us.

Farewell, Dear college.

May your echoes resonate through time.

-Gopi Reddy, CIC

College has been a journey filled with growth, friendships, and countless memories for me. From late-night study sessions to spontaneous adventures, each experience has shaped us into the individuals we are today.

- Sivani, ECE



VVIT, a heaven of joy and unity, blossomed into the pinnacle of vitality and enthusiasm. From unconventional beginnings, it transformed into the essence of a fulfilling BTech journey. Grateful for the love and support of cherished friends, dedicated teachers, and the entire VVIT family. Each moment, from class bunking to festive celebrations, etched memories that will last a lifetime. Heartfelt thanks to all who shaped my journey. Forever grateful.

-B.Roshitha, EEE



College is about three things: finding out who you are, learning about the world around you, and finding your passion. The beautiful thing about learning is that no one can take it away from you. This college has taught me a lot which helps me to step towards my success in the life.

- Lahari, ECE



Discover who you are; recognize your skills and capabilities. Don't strive to outdo what others are pursuing for success. Focus on endeavors that unleash your maximum potential and foster growth. Be unique in your skills and your field of expertise; it's not competition that propels you to the top, but your skill... Work hard.

- Likith Manoj.Chilaka, CSE



"I entered with hope, departing with treasured experiences and lifelong connections. Gratitude to my dear college for shaping me into who I am today, as i eagerly embrace the vibrant colors of every tomorrow."

- Sai Sree Deepthi.G, CIC



"Not every angry look means they hate us, and not every smile means they like us. Try to understand their thoughts, not just their expressions."

- Mantri.Guna, CSE

College was like a rollercoaster ride – full of ups, downs, and unexpected twists. We pulled all-nighters cramming for exams, but also found time to create bonds that will last a lifetime. Now, as we stand at the finish line, we can't help but reminisce about the laughs, the tears, and the countless lessons learned along the way. Here's to the memories that shaped us, and to the friendships that will endure long after graduation.

- M.Sai Nikhil, ECE



"Hope is just another form of manipulation"

-Sasideepa, EEE

Leaving college behind, I hold dear the laughter, lessons, and friendships that filled my days. From late nights studying to shared triumphs, each moment shaped me. Grateful for the journey, I carry its spirit forward as I step into the next phase of life's journey.

- Siddhardha, ECE



**To
accomplish
great things,
we must not
only act, but
also dream;
not only plan,
but also
believe.**





VASIREDDY VENKATADRI
INSTITUTE OF TECHNOLOGY

 voiceofvvit@gmail.com

 [voice_of_vvit](https://www.instagram.com/voice_of_vvit)