

# ACQUAINTANCE

—NEWS LETTER—

2021-2022



**STUDENT  
CHAPTER**

*Department of  
INFORMATION TECHNOLOGY*



Vallurupalli Nageswara Rao Vignana Jyothi Institute  
of Engineering and Technology

 Bachupally, Hyderabad, Telangana-500090



**Dr. D. Srinivasa Rao**

Head of the IT Department

**S. Murali Mohan**

Faculty Co-ordinator



**P.V Nippun**

Chair Person



## VISION

ACM is an international student chapter that brings together technology geeks, computer educators, working professionals, among others and gives them a platform to share all things related to the world of rapidly evolving technology. ACM has always been at the forefront of raising awareness about new technologies, educating people and empowering them to do something new.

Apart from being a technological learning and skill sharing platform, ACM is also renowned for developing in its members a sense of teamwork and dedication. It empowers individuals to scale new heights in their professional careers.

With more than 100,000 members worldwide, the fraternity only continues to grow stronger in every passing year. A chapter with such illustrious history, finds its place with a great prominence in VNRVJET. The team running the chapter constantly strives to bring about awareness and widen the reach of technology and its wonders to more and more people.

# Programs conducted by ACM VNRVJIET

## Events

- Project expo
- Deep learning seminar
- Coding workshop
- Grow
- Winter coding contest
- Cyber ark
- Vision Quest
- Seek with speak
- Code Mantra
- sElective
- API literacy session
- Agile Way of Delivery
- Software Hackathon



## Additional Activities

- Public Relations
- Volunteers Recruitment
- Volunteer Meets
- Volunteer Unions
- Hacks 6.0
- Tech Talks



### Project Expo

*(2018-2022 batch) and (2019-2023 batch)*



Team ACM VNRVJET held Project Expo for all the third-year (2019 batch) and fourth-year (2018 batch) IT students. It is a technical event in which the participants submit their project ideas, prepare the project and present them. The main objective of the Project Expo is to bring out the student's innovation. It was organized with a motto to encourage and develop higher order thinking and problem-solving skills, development of peer and professional networks among the students.



### Deep Learning Seminar

*(2020-2024 batch) (05-11-2021 to 06-11-2021)*



Team ACM VNRVJET succeeded in bringing a 2 day workshop on Deep Learning for 2nd years. Mr Lalith Bharadwaj was the resource person for this event. His illustrations on Neural Networks were so fascinating and realistic that every student got an idea on deep learning. We also had 3rd year students, B.Gnyanesh and Ch. Sameera as mentors for the session. This event was an eye-opener for every student who dreamt of beginning their career in deep learning.

### Coding Workshop

(2020-2024 batch) (21-12-2021 to 22-12-2021)



Team ACM VNRVJIET organized a Coding Workshop for 2nd years (2020 batch). Speakers gave them an overview of a few concepts such as stacks, queues, hashing, and recursion so that they can explore real-world programming. These programming skills provide students with an opportunity to integrate innovative technologies into their everyday work and make it more efficient. This 2-day workshop had a great impact on the students' perspectives towards coding and made them to understand the importance of coding.

### Winter Coding Contest

(2020-2024 batch) (16-01-2022)

Team ACM VNRVJIET conducted *Winter Coding Contest*, which is a 2-hour long contest for all the second years (2020 batch) of VNRVJIET. Practicing and taking part in coding contests makes one a smart and fast coder. It provides a significant edge during job interviews. This contest gave the participants a great experience that helps them code better. Also, the winners of this contest were awarded with exciting cash prizes.



ACM VNRVJIET presents

### Winter Coding Contest

\*For 2nd years of all branches\*

**16-Jan-2022**

Time: 10am - 12pm

On Hackerrank 

Register here: <https://bit.ly/winterCodingContest>

**Exciting prizes for top three winners!**

For queries, Contact: Neha: 9949933880, Avinash: 9390333167

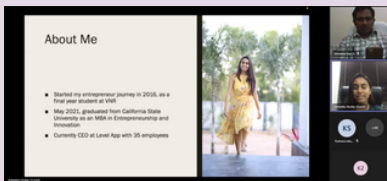
 acmvnrvjiet  acm-vnrvjiet  vnrvjiet.acm.org

### Get Ready for Opportunities at Work

(2020-2024 batch) (21-12-2021 to 22-12-2021)



Team ACM VNRVJIET organised a WEBINAR on GROW-Get Ready For Opportunities at Work. This webinar is conducted through MS-Teams for third-year IT students. Ashwitha Reddy, who is the co-founder of LevelApp gave an overview about Entrepreneurship, Higher Education and and gave us required insights about them. The path we choose is the choice we make. And going through our choices can have ambiguity. Through this webinar students were guided to choose their right path. The students also engaged in an interactive Q&A session, bringing forward their enthusiasm to learn about career paths.



### Cyber Ark

(2019-2023 batch) (21-03-2022 - 22-03-2022)



Team ACM VNRVJIET organized a 2 day workshop on Cybersecurity and Ethical Hacking for all third year IT students. Ajinkya Lohakare, who is a certified ethical hacker, CTO at Ditto Security, a TEDx speaker, handled this event as a resource person. Important details regarding Cyber Security and ethical hacking were discussed in detail during the workshop, which helped them explore and learn Cyber Security. .



### Vision Quest

(2021-2025 batch) (26-03-2022)



Team ACM VNRVJIET conducted an interactive session for all first years(2025 batch). In this event, our team educated the participants on buzzing domains and technologies like Web Development, App Development, Artificial Intelligence, Machine Learning, Data Science, Internet of Things(IoT), Cloud Computing, Cyber Security and many more, so that participants can explore these domains and set a vision for their future endeavours.

### Seek with Speak

(2020-2024 batch) and (2020-2024 batch) (26-03-2022)

Team ACM VNRVJIET conducted a webinar *Seek with Speak* for all 2nd and 3rd years. The speakers for this session are 4th years from our college, who delivered their experiences and suggestions to the juniors, which help them excel and avail better placement offers. This was basically an interactive session in which juniors sought inspiration from seniors to prepare and perform better for placement opportunities.





## Agile Way of Delivery

*(2020-2024 batch) (09-04-2022)*

Team ACM VNRVJIEET organized a webinar-Agile Way of Delivery on April 9th, 2022. Mr. Sridhar Padigela (project manager, TCS) has delivered his project management experience in agile methodology. In the software world, change is the only constant when it comes to project management. It is important for students to know incremental work methods like Agile and to excel in software project management as it helps to control a project's final cost. The overall objective was to give students insights about the agile process and hence, it was successfully met.

## Code Mantra

*(2021-2025 batch) (15-06-2022)*



Team ACM VNRVJIEET organized a coding session- *Code Mantra* for all the first-year students who are about to kick start their competitive coding journey. An introduction to various coding platforms, the need and importance of coding were discussed. Our team also made students solve some questions on various coding platforms to help them pursue competitive coding. C++( A programming language) was introduced in this session and the same session is planned to be organized as series of coding sessions to help them enhance their problem-solving skills.

### sElective

*(2020-2024 batch) (27-06-2022)*

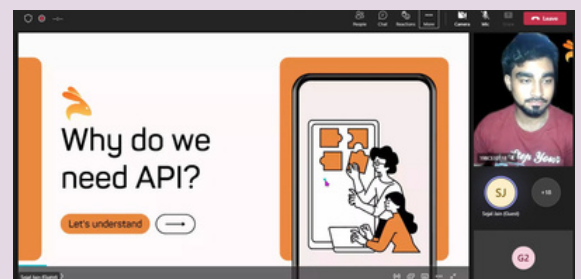
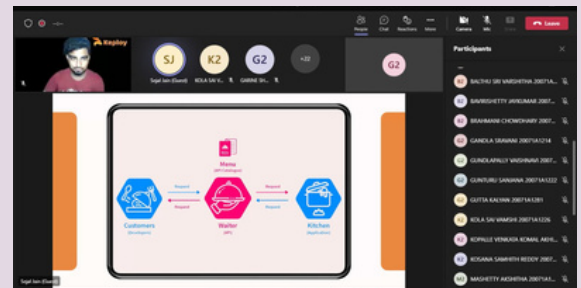


Team ACM VNRVJET conducted a session on elective selection for second-year students. Since it was the first time for all second-year students, everyone was very keen on understanding the value of electives and their selection. Mr. S. Murali Mohan explained everything related to professional electives. We had Dr. C. Kiran as our speaker for open electives. He made everyone understand the importance of exploring different branches and their offered courses. This session made students connect their vision to their academics.

### API Literacy Session

*(2020-2024 batch) (03-07-2022)*

Team ACM VNRVJET, in collaboration with IEEE VNRVJET, conducted a webinar on APIs (Application Programming Interface) and API Testing for all second-year IT and ECE students. Ms. Sejal Jain and Mr. Nishanth Mishra were the speakers, who shared their valuable insights on APIs. An interesting API testing tool—Keploy, which is a no-code testing platform that generates test cases from API calls, was discussed in detail in the webinar.



### Public Relations



Team ACM VNRVJIEET interacted with students by giving many PRs. These PRs provided an opportunity for both the students and volunteers to communicate better. We actively gave PRs for almost all the events conducted by us. We are very active on all social media platforms for publishing information about the events and keeping them updated with the latest happenings in the chapter.

### HACKS 6.0

*(11-02-2022) and (12-02-2022)*



MUJ ACM Hacks 6.0 is an overnight hackathon conducted by MUJ ACM in collaboration with ACM VNRVJIEET. We are the community partners for this event. This Pan-India level Hackathon aims at using "tech for good". With different problem statements based on the real world, it will provide a launching base for many budding artists to go forward with their skills in design, development, and pitching. It's a great opportunity for the community of coders and tech enthusiasts to compute through the night and show their skills in design, development, pitch, and coding!



### SOFTWARE HACKATHON

*(15-12-2022) and (16-12-2022)*



Team ACM VNRVJIEET organised the Software Hackathon for Convergence 2K21, VNRVJIEET's Annual Technical Symposium. This is a 48-hour hackathon conducted on the 15th and 16th of December 2021. This hackathon encouraged freshmen who had never participated in one before and provided them with the perfect opportunity to learn about and develop their technological abilities. Additionally, we provided a participation certificate to all the participants and exciting cash prizes to the winners.

### TECH TALKS

*(15-12-2022) and (16-12-2022)*



Team ACM VNRVJIEET organised TECH TALKS for Convergence 2K21, VNRVJIEET's Annual Technical Symposium conducted on the 15th and 16th of December 2021. Speakers from various domains such as technology, entrepreneurship, medicine, start-ups etc., delivered valuable content to the students. It proved to be an effective form of systematic knowledge and experience exchange and, on the whole, definitely added a lot of knowledge to the attendees through the various talks that were held during the event.



## Volunteers Recruitment

### Pre-Recruitment Talk

*(2020-2024 batch) (16-06-2021)*

Team ACM VNRVJIET conducted an online session for recruiting volunteers. This session was conducted for all first-year (2020 batch) ACM Membership holders through the Go to Meeting platform. In this session, we gave them a clear idea of the work culture and volunteer teams. We also shared individual experiences as a part of our teams. The students were very excited and actively engaged with us during the session. We got a huge response to our recruitment.



ACM VNRVJIET presents  
**PRE-RECRUITMENT TALK**

**WE ARE RECRUITING VOLUNTEERS**

- To know more about the recruitment process, join our virtual event where we explain the process, share our experiences about work.
- Date: Wednesday, 16th June 2021  
Timings: 4:45 pm to 5:45 pm  
Platform: GoTo Meeting

Do attend the meet and be ready to join  
**ACM\_VNRVJIET**

\*Exclusively for ACM 1st year Membership holders (2021 batch)\*

[github.com/acmvnrvjiet](https://github.com/acmvnrvjiet) [vnrvjiet.acm.org](https://vnrvjiet.acm.org)  
[linkedin.com/company/acm-vnrvjiet](https://www.linkedin.com/company/acm-vnrvjiet)

### Recruitment

*(2020-2024 batch) (26-06-2021)*

Team ACM VNRVJIET interviewed every individual who had applied for recruitment. The whole interview process has been done in online mode by sharing the Google Meet link with the applied individuals. After the completion of the interviews, we recruited the capable volunteers. We were so excited to start working with them, and they proved us right by excelling at their work and contributing to the progress of the chapter.

### Volunteer Meets



Volunteer Meets are very frequent in ACM VNRVJET. We learn a lot in these meetings. In these meetings, we plan events together. This is where all the teams work together to make an event successful. These are typically conducted to gain an understanding of the workflow within each team. They build a platform for us to share our knowledge, so that anyone can learn about what is going on in the other teams. These meetings made us learn a lot of things, like teamwork, responsibility, etc. In each and every meeting, we all have valuable takeaways.

### Volunteer Union

*(2020-2024 batch), (2019-2023 batch) and (2018-2022 batch)*



The Volunteer Union is always totally fun. We spent nearly all of our time getting to know each other, knowing very little of what each other looked like. We had each other's personalities chalked up between floating bits of text and emojis. And yet, there was a familiar warmth in this union. We ended up having more fun than we thought we could.

### Article on Blockchain Technology

Blockchain is becoming widely popular these days, and you might have seen it on social media or TV. But what do all these popular terms around Blockchain, Bitcoin, CryptoCurrencies, and NFTs mean? And why do many people invest a lot of money in these things?

The formal definition of Blockchain is a decentralized peer-to-peer ledger that is distributed across nodes/computers all around the world. In simple terms, a Blockchain is a record of transactions that anyone can access without changing or revealing the original transactional data. Blockchain is immutable, which means no one can change the data on Blockchain, and only new transactional data can be added with new rules.

To understand this better, let's assume that there are two people, Ashok and Bharat. Ashok pays Bharat 5rs, and Bharat pays back 3rs to Ashok. This transactional data is stored on an encrypted record so that only Bharat and Ashok know that this transaction has happened between them and no others can understand it. Anyone can access this record without any central authority. Here the record becomes a block on the Blockchain, so each time a new transaction happens, it gets appended to the chain of blocks.

Blockchain has many advantages, some of which are that it's highly secure from hackers and decentralized, which means that no central authority can control and access the data without the user's permission.

#### *Bitcoin*

Blockchain has many applications that can solve real-world problems caused by centralized systems in current times. Bitcoin is the best example of the perfect implementation of Blockchain technology to solve the problem of real-world currency, which is controlled by central authorities like governments and has an unlimited supply.

Bitcoin solves this problem by having a fixed supply of 21 million bitcoins, removing the central authority, and giving access to the users who use it for transactions. The anonymous Satoshi Nakamoto created Bitcoin in the year 2009. Bitcoin can only be created by mining the blocks onto the Blockchain. Miners are the people who add the transactions to the Blockchain using their computing hardware; this process of adding new blocks is also called Mining.

Miners receive a reward for their work in the form of bitcoins, and this bitcoin reward gets halved, and the complexity involved in mining the blocks increases every four years, thus reducing the total supply and increasing the value per demand.

Like Bitcoin, many cryptocurrencies are built on different blockchains and use cases, and some of the popular ones are Ethereum, Solana, Litecoin, Polygon, etc.

### **NFT**

Non Fungible Tokens, also known as NFTs, are digital addresses on the Blockchain. These addresses are unique and can't be changed by anyone. These addresses are attached with digital art, video game items, songs, and digital tickets and can be owned by people who buy them using cryptocurrency. NFTs are highly speculative and fluctuate in value all the time. Some popular NFT collections are Bored Ape Yacht Club, CryptoPunks, etc.

### **Web 3.0**

Web 1.0 is the "read-only Web," Web 2.0 is the "participative social Web," and Web 3.0 is the "read, write, execute Web." This Web interaction and utilization stage move users away from centralized platforms like Facebook, Google, or Twitter and towards decentralized, nearly anonymous platforms.

Blockchain Technology is making this shift to Web 3.0 possible. The data on traditional Web 2.0 websites, like Google, Facebook, etc., is stored on a central database system. They have complete control of the user's data and use it for business purposes without the user's permission. Because of this, the risk of the user's data being misused, stolen, or hacked increases significantly since everything is on a central data center. Users get complete control of their data by using Blockchain to store data instead of the central servers. No others can access the user's data; the chance of the user's data getting hacked or stolen decreases with the Blockchain's decentralized, distributed encrypted aspects.

### **Conclusion**

Blockchain Technology is a revolutionary thing that can solve many real-world problems caused by the centralization of authority. It has tons of potential and can even replace banks, currencies, the world wide web, and much more.

By Mahesh Varma(19071A1287) ACM Volunteer, 4th year, IT.



### Volunteer Testimonials

*"It is believed that a person's life is molded in the early 20s and it is very important to be in the right place. In that case, I am glad that ACM VNRVJIET happened to me. ACM VNRVJIET has been a great contributor to the development of my personality. I have established my leadership, time management, and team skills and have also been able to advance these skills. From participating in events to conducting events through ACM VNRVJIET, my learnings and experiences will always be my fundamentals for any milestone I achieve."*

**-K.V.K.Akhil (20071A1228) ACM Volunteer, 3rd year, IT**

*"ACM VNRVJIET is the best platform that any student could have, to experience life as a student to the fullest. The chapter is always devoted to finding the requirements of the students in order to bridge the gap between academics and overall growth of the student to help them become a better individual and excel as a team player to stand out from the competitive world around them. It successfully brought up many highly acclaimed programs with great zeal. I am a grateful member of this chapter which helped me to kick start, understand and explore many things that helped me grow both personally and professionally. Everything about this chapter fascinated me, inspired me to join as a volunteer and become a part of its vision and mission."*

**-G.Avighna (20071A1215) ACM Volunteer, 3rd year, IT**

*"My experience as a volunteer for ACM VNRVJIET is exceptional. This is one of my finest B.Tech life experiences. This chapter has taught me a lot of new things. From a less confident, striving introvert to someone who can confidently showcase their skills and manage a team with 20 different mindsets. By organising various events, I have honed my management and leadership abilities. I'm extremely grateful for the effective work culture and teamwork here, which contribute to the success of events. I'm very thankful to all of my seniors for assisting me in quickly sorting things out. I am a better individual owing to ACM."*

**-G.Shravani (20071A1216) ACM Volunteer, 3rd year, IT**

### Messages

*"The work culture at ACM VNRVJIET is one of a kind. The chapter encourages leadership, adaptability and teamwork in the most critically positive environments. I came from a place full of insecurities, afraid to so much as acknowledge a message in a group. Looking back, the transformation has been nothing short of a terrific journey. We talked, laughed, argued, explained, decided, worked and repeated all over again. Work at ACM is never something to be done, not before you understand why it ever has to be done at all. And I really connected with that. This gave me a sense of responsibility, an unspoken commitment to make the best out of this chapter.*

*But that kind of ownership is not bought. I can't sweet talk you into it, no one can. Then, how do you get that kind of hold on your college, your company, your life? To get that, you have to give. I gave my time and my efforts, and I believed it made a difference. And because I believed it, it did. I wish you all luck (a little push can go a long way), and hope that one day, you get to be the best you."*

**-K.Sharwani (19071A1290) ACM Core Team Member, 4th year, IT**

*"ACM, a student chapter, is not just a professional community that strives to bring technology closer to students, but it's much more than an individual can unfold. It justifies acing at both technological and social skills with its achievements. It's a hub of young minds that aspire to influence the student squad. Be an introvert or extrovert, talented or not, beginner or skilled; it accepts the way you are but does indeed help discover a new, better you. It isn't mysterious or magical, but it's the path it provides and is owned by you. It aids in moving out of your comfort zone and stepping forward to experience real-time industry culture. It's a platform that provides opportunities to explore, learn, grow, network, and help. Long hours of conversations, conflicting opinions, healthy arguments, challenging decisions, lots of memories, and loads of fun altogether describe ACM VNRVJIET. It's all about being passionate, dedicated, and responsible for the transformation from being one in the troupe to making the association one."*

**-V.Harveni (19071A12B9) ACM Core Team Member, 4th year, IT**

## CORE TEAM AND TEAM HEADS

2021-2022



**First-row from left:**

(1st person)G.Neelima- Design Team Head, (2nd person)Dr.D.Srinivasa Rao- Head of the Department, (3rd person)S.Murali Mohan- Faculty Co-ordinator, (4th person)K.Sharwani- Webmaster, (5th person)G.Yasaswini- Vice-ChairPerson.

**Second-row from left:**

(1st person)E.Bhanusree- Membership-Chair, (2nd person)B.Poojitha Reddy- PR Team Head, (3rd person)K.Harshitha reddy- Social Media Team Head, (4th person)Ch.Sai Neha- Coding Team Head, (5th person)V.Harveni-Technical Team Head.

**Third-row from left:**

(1st person)B.Avinash- Treasurer, (2nd person)P.V.Nippun- Chair Person, (3rd person)K.Teja Abhinav Reddy-Secretary.

*"Individually, we are one drop. Together, we are an ocean."*





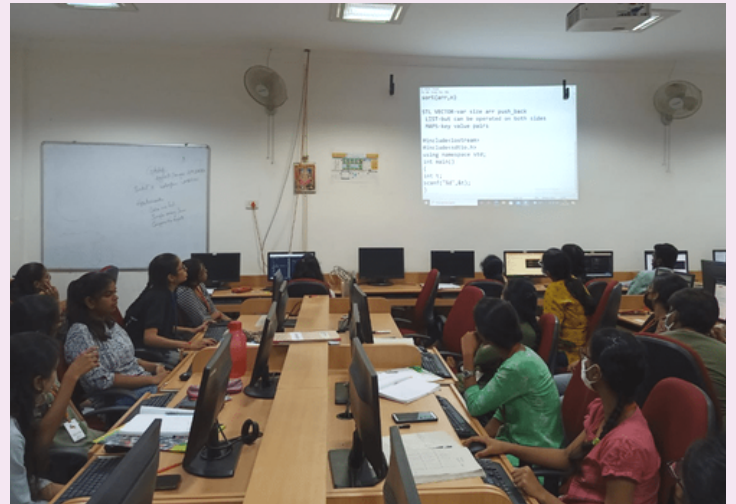
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2020-2024 batch



Deep Learning Seminar  
2020-2024 batch



Vision Quest- An Interactive Session  
2021-2025 batch



Code Mantra- Introduction to Competitive Coding  
2021-2025 batch



Cyber Ark Workshop  
2019-2023 batch



sElective - Talk Session  
2020-2024 batch

### Editorial Team:

S. Murali Mohan - Faculty Co-ordinator  
G. Neelima - Design Team Head  
G. Avighna - Volunteer, Design Team  
G. Sravani - Volunteer, Design Team

