

ACQUAINTANCE

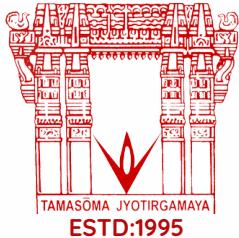
ACM VNRVJIET

STUDENT CHAPTER

NEWS LETTER

2020 - 2021

Department of Information Technology

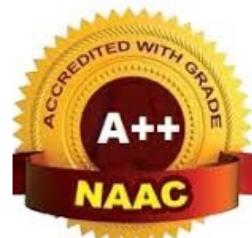


VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, NAAC Accredited with A++ Grade
NBA Accredited for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech Courses
Approved by AICTE, New Delhi, Affiliated to JNTUH
Recognized as "College with Potential for Excellence" by UGC

EAMCET CODE: VJEC

PGEETCODE: VJEC1





Dr.G. Suresh Reddy
Head of the IT Department



S.Murali Mohan
Faculty Co-ordinator



Chennuri Ullas Reddy
Student Chapter 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 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

R PROGRAMMING

(2019-2013 BATCH) (25-05-2020 to 28-05-2020)

To provide a better insight into the tools used by data analysts, a four-day workshop on R Programming was conducted by ACM VNRVJIET in collaboration with the department of Information Technology. The resource person for the same was Mrs. M. Sushmitha, Asst. Prof., Department of Information Technology.

FUNDAMENTALS OF WEBSITE DESIGN

(2019-2023 BATCH) (29-05-2020 to 01-06-2020)

To create a doorway into the world of visual prowess, a four-day workshop on Web Designing was conducted by ACM VNRVJIET in collaboration with the department of Information Technology. The workshop was led by a team of students from 2018-2022 batch in the IT department.

PYTHON PROGRAMMING

(2019-2023 BATCH) (02-06-2020 to 05-06-2020)

To introduce the concepts of Python to a wider audience, a four-day workshop on Python Programming was conducted by ACM VNRVJIET in collaboration with the department of Information Technology. The resource persons for this workshop were a team of students (2018-2022 Batch) from the IT Department.

COMPETITIVE CODING SKILLS

(2019-2023 BATCH) (08-06-2020 to 11-06-2020)

To spread awareness about the essence of competitive coding in the software industry, a four-day workshop on Competitive Coding Skills was conducted by ACM VNRVJIET in collaboration with the department of Information Technology. The workshop was led by a team of students from 2018-2022 batch in the IT department.

DATA ANALYTICS (03-06-2020)

A one-day Webinar on Data Analytics was conducted by ACM VNRVJIET in collaboration with the department of Information Technology. The speaker was D. Rajesh, Sr. Asst. Prof., department of Information Technology. The webinar provided insights pertaining to the broad field of Data Analytics and the various techniques employed in the same.



CYBER SECURITY (07-06-2020)

A one-day Webinar on Cyber Security was conducted by ACM VNRVJIET in collaboration with the department of Information Technology. The speaker was K. Renuka, Asst. Prof., Department of Information Technology. In an era where most of the world centers on the Internet, the webinar emphasized on the importance of Cyber Security in the world today.

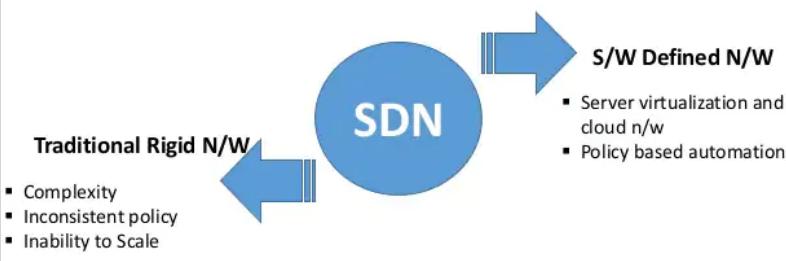
SOFT COMPUTING (05-06-2020)

A one-day Webinar on Soft Computing was conducted by ACM VNRVJIET in collaboration with the department of Information Technology. The speaker was Dr. D. Srinivasa Rao, Assoc. Prof., Department of Information Technology. The webinar was acute in understanding the fundamentals of Soft Computing and its scope.

S/W DEFINED NETWORK (09-06-2020)

A one day Webinar on S/W Defined Network was conducted by the Department of Information Technology in collaboration with ACM VNRVJIET. The speaker was Dr.Sahoo Asst.Prof – Department Of Information Technology. S/W Defined networks were explained in great detail in the webinar and their use cases were also discussed. 192 members attended this session

Introducing Software Defined Network



HOW WILL IT BE? (03-05-2020)

A one-day webinar was conducted on “HOW WILL IT BE” amid the COVID19 pandemic. The panelists for this session were:

- Aditya Palavajjhala - interning at AMD
- Pavan Kumar - Planning for Masters (MS)
- Ravindra Tagore - Interning at Audintel
- Sameera Pratyusha - Interning at Capgemini
- Sharikh U Zama - Interning at EPAM

The panelists shared their interview experiences, discussed the importance of competitive programming, and gave guidance on how to improve coding skills. They also spoke about the job atmosphere in the office and how it differed from working at home. This interactive session was a great platform to discuss and brainstorm ideas about various plausible outcomes of the post lockdown IT scenario. The meet was very engaging and as many as 65 people attended this session. It was a unique experience made possible by the efforts of team ACM and the panelists.

COMPETITIVE CODING WORKSHOP BY PREPBYTES (04-07-2020)

PrepBytes in association with Department of Information Technology & ACM Student Chapter, VNR Vignana Jyothi Institute of Engineering and Technology organized an Online FREE WORKSHOP on "How to prepare for Competitive Coding and Placements in IT/Software companies". This included a LIVE CODING SESSION with an industry expert from top global companies like Amazon and Samsung. This was followed by a Q&A session.

Webinar mentor: Mamta Kumari, Co-founder PrepBytes, 5 years of experience in Tech giants Amazon & Samsung, Recognized by Google Developers Launchpad, Member of Facebook-SheLeadsTech, Computer Science graduate, NIT Jamshedpur, Online Instructor and Mentor.

PR (2020-2024 BATCH) (09-12-2020)

The volunteers of ACM VNRVJIET conducted an interactive PR session for the first years. Though the session was online, it went admirably. The session started by explaining about the B. Tech culture, ACMVNRVJIET's help in tech world, and the benefits of joining our family with the new recruits. The response was huge; everyone was excited to interact with their seniors and ask their doubts. A fun game was held to make them understand the work culture of ACMVNRVJIET.



CONQUESTADOR (18-12-2020 to 19-12-2020)

Team ACM VNRVJIET conducted an event named Conquestador. This was a fun and challenging event which consisted of 3 rounds: crossword puzzle, word-a-thon and a quiz. The event was exclusive to ACM Membership holders and the winners were rewarded.

Tech engineering brilliance Symposium

TECH SYMPOSIUM (12-01-2021)

Tech Symposium was the first event conducted by ACM VNRVJIET for the 2020-2024 batch to discover and appreciate the trending technologies dominating the world. Our team educated the participants on prevailing fields like AI, ML, Data Science, Cloud Computing, Cyber Security, IoT, Soft Skills, Web Development, App Development and Immersive Technologies. The path to get started with programming languages, their importance, scope and applications were also discussed extensively.

CODE IGNITE

(05-04-2021 to 07-04-2021)

A developer survey found that Python is the programming language that most people want to learn. Broadly, most emerging technologies use Python as it has a clean syntax, greatly refines the readability of code, and is suitably versatile. With an exponentially growing community around Data Science, Machine Learning, AI, Web Development, and more, Python is a language that opens programming access to the world. ACM VNRVJIET in collaboration with the department of Information Technology conducted a Python Programming Workshop - CODE IGNITE. All participants who met the requirements were issued with an e-certificate upon successful completion.

ACM VNRVJIET
presents you all

CODE IGNITE

A 3-day workshop on Python Programming

- Date : 5th April to 7th April
- Timings : Evening 5pm - 7pm
- Venue : GoTo Meeting

**Get started with Python and learn
the art of coding!**



VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

in collaboration with ACM VNRVJIET Student Chapter

Conducting 4-day Online Work Shop
on



R PROGRAMMING

Date: 28th April 2021 - 1st May 2021
Resource Person: M.Susmitha, Asst. Prof, IT Dept.
Timings: 1:45pm - 4:45pm

Faculty Co-ordinators

Dr.N.Manga Thayaru, Prof, IT Dept
Mr.S.Murali Mohan, Asst. Prof, IT Dept

Student Co-ordinators

G Charitha - 6303274900
Anurag Pola - 6300536498

No Registration Fee

Certificate will be provided after Successful Completion

Registration Link: <https://forms.gle/qK5Jy5c61pJ2Siw9A>

R-PROGRAMMING WORKSHOP

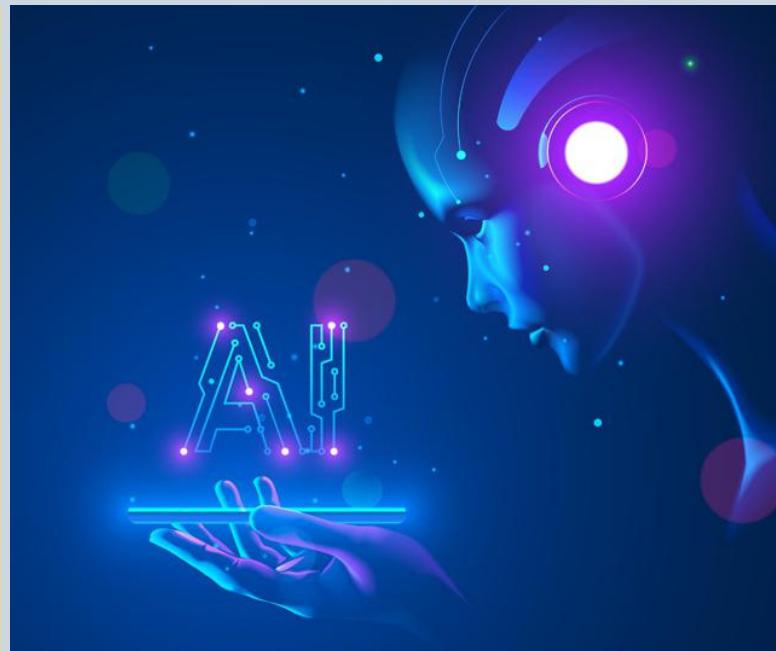
(28-04-2021 to 01-05-2021)

R-Programming is sometimes called the golden child of Data Science. Equipped with a rich set of visualization features and built-in functionalities, this language has marked its spot as one of the most preferred languages by Data Scientists. R will only continue to become increasingly important in the future.

ACM VNRVJIET in collaboration with the department of Information Technology conducted the R Programming Online Workshop, for all IT Department students (2020-2024 Batch). All participants who met the eligibility criteria were issued an e-certificate.

ARTIFICIAL INTELLIGENCE AND ITS APPLICATIONS (28-05-2021)

Our intelligence makes us human, and AI is an extension of that quality. Simply put, AI is an approach that makes a computer, a robot, or a product think how humans think. As one of the booming technologies of computer science, Artificial Intelligence is ready to create a new revolution in the world by making intelligent machines. The future of work involves automation and acquiring such a skill is a sure way to future-proof your career. ACM_VNRVJET has organized a Programming is an extremely creative profession; it's logic-based creativity. Coding contests are known to induce top up your interest in coding and induce a competitive spirit in coders. Code-Heist contest for 2019-2023 batch in the IT department.



ACM CODE-HEIST (06-06-2021)

Programming is an extremely creative profession; it's logic-based creativity. Coding contests are known to induce top up your interest in coding and induce a competitive spirit in coders. Code-Heist contest for 2019-2023 batch in the IT department.

LET'S TALK PLACEMENTS (18-07-2021)

Placements play a huge role in every student's life. The preparation involved for it can be confusing though. Let's talk Placements session delved deeper into the recruitment pattern, placement pointers and the firsthand experiences of our seniors at NCR & TCS Digital. The panelists shared their interview experiences.

Speakers:

- Madhurendra Tripathy
- Paidipala Supraja
- Hritik P.
- Yashwanth Murarishetti

ACMVNRVJET PRESENTS

ACM CODE HEIST

{ ; Date: Sunday, 6th June 2021 Time: 4PM to 6PM
 ;
 if(you are from IT && 2nd year student)
 { ;
 } ;
 Register through the link;
 }

Cash Prizes :



1st - Rs 1000/-
 2nd - Rs 750/-
 3rd - Rs 500/-

T&C

For any Queries contact : G Charitha - 6303274900, Ch Ullas Reddy - 6303168891

Registration Link : <https://forms.gle/RAWjaPq981EQYghj6>

PROJECTS DONE BY ACM VNRVJET



ASSOCIATION FOR
COMPUTING MACHINERY



20ACMOIT40

N. KEERTHI PRIYANKA
PH.NO:9550030339



Automated ACM ID Card Generation:

The Technical Team at ACM, on noticing the problems with ID cards generation, came up with the solution of automating this process and generating all IDs in less than a minute. The solution is a python program whose only input is the Members' Data Workbook. Using this, it's capable of generating IDs for all membership holders; this also includes the generation of QR codes, ID number and finally the card. Here the input excel sheet should have the columns in a certain format. The template is in *.png format which is already fed in the program. This solution is achieved in a step-wise manner and the program is divided into blocks of code where each block performs a step.

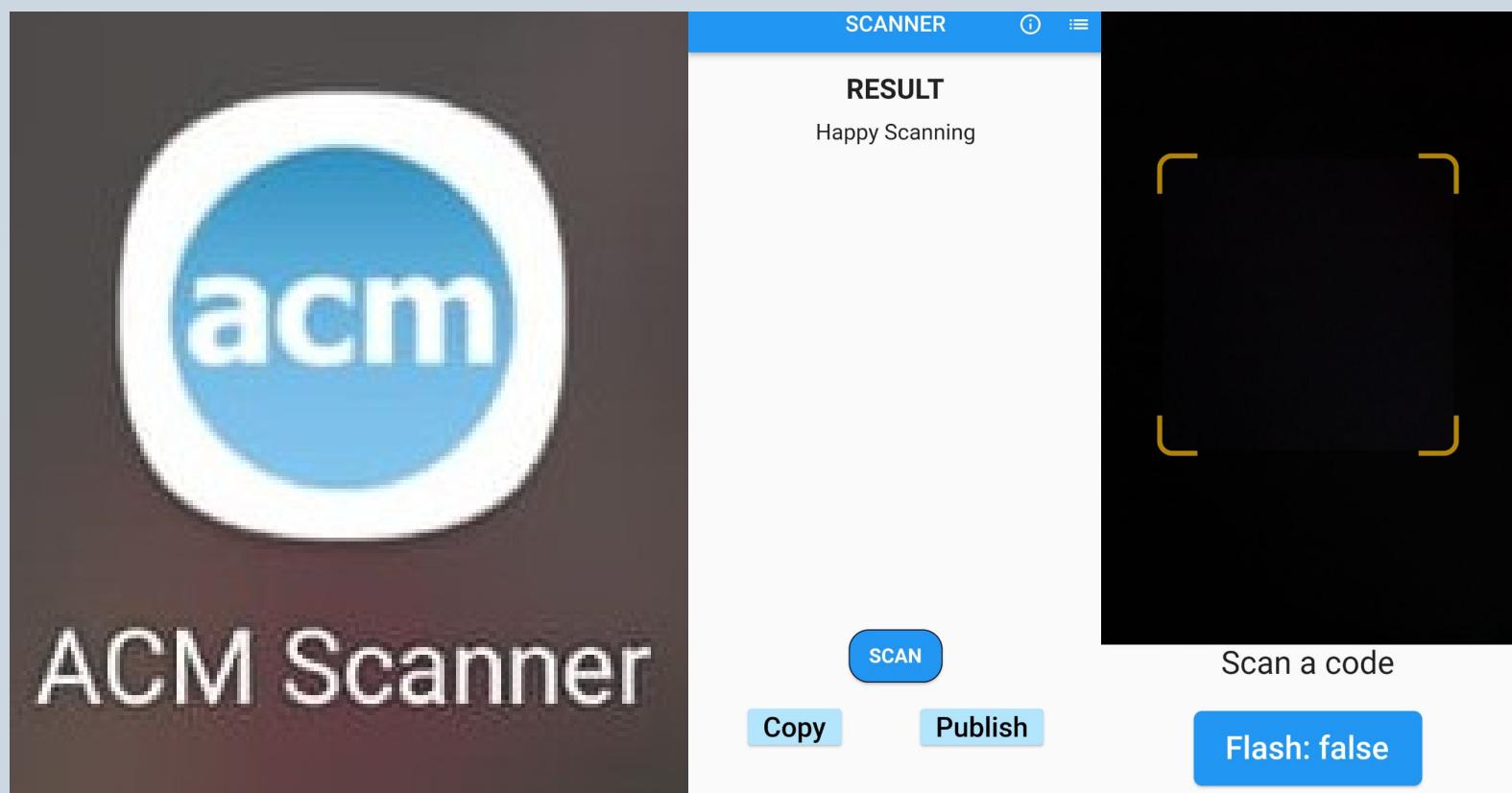
Technologies used: Python - PIL, Tkinter for GUI

Automatic Mailing using Python:

The automated mailing system designed by ACM VNRJIET is aimed at sending bulk emails with proper security and authenticated measures, while enabling us to customize emails. The system is capable of integration with Google sheets, Google groups or any other excel based database for retrieving mailing lists. Furthermore, customization is provided in the form of attaching personalized (tentative) message bodies and subject fields. Using SMTP based integrations, the script can easily be integrated with mailing clients such as Gmail.

Technologies used: Python, Google Sheets, Google Groups





ACM Attendance Recording App:

Owing to the difficulties of taking attendance manually, the technical team of ACM VNRVJET came up with an app that has the facility to scan the ID cards of students who are attending an event and save the data both offline and online. Thereby, it efficiently provides an attendance sheet to the department.

It works as follows:

The IDs (generated by ACM) are scanned using the scanner

The details are stored in local backend of the phone

At any point of time, we can see the details scanned in the app

We have two options:

Copy: copies the whole list of scanned info to the clipboard.

Share: shares the csv file with the help of third-party applications like WhatsApp, Gmail, etc.

This could also be used for events like convergence and open house, where the app can be used to get the details of the participant.

Technology used: Flutter



Volunteers of 2020 - 2021



Interaction meet



Code Heist : Coding Contest Winners



Coding Contest



Volunteers Experience



Code Heist : Coding Contest Winners



Code Heist : Coding Contest Winners

THANK YOU