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# CSI NEWSLETTER

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ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES



# CSI NEWSLETTER

2019-2020



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES

UGC Autonomous

Permanently affiliated to Andhra University

Approved by AICTE,

Accredited with 'A' grade by NBA and NAAC,

Sangivalasa – 531162, Bheemunipatnam Mandal,

Visakhapatnam Dist., Andhra Pradesh.

Department of Computer Science and Engineering.

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*Prof. Dr. T.V Hanumantha Rao*

*Principal,*

*ANITS.*

*Patron :*

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*Head of the department, CSE*

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*Asst Prof, SBC-CSI*

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*CSI Student Co-ordinators team*

*The expert in anything was once a beginner*



**Dr Neerukonda B. R. Prasad**

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Anil Neerukonda Educational Services

**Prof. Dr. T.V. Hanumantha Rao**

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Principal  
Anil Neerukonda Institute of Technology and sciences



**Prof. Dr. R. Sivaranjani**

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Head of the Department-CSE  
Anil Neerukonda Institute of Technology and Sciences



## COMPUTER SOCIETY OF INDIA STUDENT BRANCH IN ANITS

Computer Society of India (CSI) is the first and the largest body of computer professionals in India. It was started on 6th March, 1965 by a few computer professionals and has now grown to be the national body representing computer professionals.

### Vision:

- CSI is a non-profit professional society and meet to exchange views and information, learn and share ideas.
- The wide spectrum of members is committed to the advancement of theory and practice of Computer Engineering and Technology Systems, Science and Engineering, Information Processing and related Arts and Sciences.

### Mission:

- Facilitate Research, Knowledge Sharing, Learning Enhancement for all categories of IT professionals.
- Inspire, nurture and assist new entrants to integrate into the IT community.
- Percolation of IT advancement benefits to all Indians.



Technical Education is the steppingstone in every engineering student's life. Students of ANITS- CSI has always been successfully presenting their technical skills in various activities. As a student branch counsellor (ANITS-CSI-SBC), it's a great opportunity for me to enhance student's skills by organizing Guest Lectures, Seminars, Coding Contests and many other technical events. ANITS CSI Student branch is one among very active participants of CSI and it is gratifying to be a part of it.

S. JOSHUA JOHNSON,  
STUDENT BRANCH  
COUNSELLOR (SBC), CSI,  
Asst. Professor, CSE.



# DEPARTMENT OF CSE

## CSI STUDENT BRANCH COORDINATORS



B.SRI VIDYA



P. SURYA TEJA



G. PRUDHVI RAJ



M. SESA SAI



K. ROHITH



G. PAVAN  
KUMAR



S. GOWTHAM  
KUMAR



SNEHA KIRAN



SRIMAYEE



VINAY



S. NIDHIN



K. MUKESH



B.S.MANOJ  
VARMA



G. NIHKIL



S. DINESH



T. AKHILESH



BALA  
CHANDRASHEK  
AR NAIDU



N  
CHAITANYA




AVASARALA SAI  
KIRAN

# CSI STUDENT COORDINATES TEAM



# WHO DOES WHAT???????

- President being the main lead of the TEAM, monitors and manages all the events carried out under CSI for the academic year 2019-2020 and B.Sri Vidya(316126510005) of 4/4 CSE - A was elected as the president with her enthusiasm and acceptance by the members.
- G Prudhvi Raj of 4/4 CSE- B (316126510077) was elected for the role of Vice-President who manages the team in the absence of President and helps the team by joining President in decision-making and has been the former president of the team for 2017-2018 and 2018-2019 batches. The duty of preparing and releasing Newsletter was given to him.
- P.Surya teja (316126510041) of 4/4 CSE-A was elected for the role of Secretary who would represent the team with his eloquence.
- K.Rohith (316126510086) of 4/4 CSE-B was elected as the Treasurer who will manage and is responsible for all the financial extravagancies of the body.
- The other executive body members are : G.Pavan Sai kumar (317126510072) of 3/4 CSE - B , S.Dinesh ( 317126510170) of 3/4 CSE - C,



THE ONLY PERSON WHO IS  
EDUCATED IS THE ONE WHO HAS  
LEARNED HOW TO LEARN AND  
CHANGE .

S.Gowtham (317126510115) of 3/4 CSE - B , Chandrasekhar Naidu of 2/4 CSE-B and B.Sai Manoj Varma (317126510130) of 3/4 CSE - C.

- M. Sesha Sai(316126510093) of 4/4 CSE- B being the overall student coordinator and the final year ,coordinates with the representatives of all the section leads of senior students and

coordinators of sophomores and junior students.

- The students elected as event coordinators are : K.Sneha Kiran (318126510081) of 2/4 CSE-B (second year coordinator), S.Nidhin Prasad(317126510172) of 3/4 CSE-B (third year coordinator) and B.Sri Vidya(316126510005) of 4/4 CSE-A(fourth year coordinator) and Ch.Vinay(317126510131) of 3/4 CSE-C as overall student coordinator.
- The promotions team consists of V.Yeswanth (317126510119) of 3/4 CSE- B, K.Sneha Kiran(318126510081) of 2/4 CSE-B.
- G.Nikhil and K.V. Mukesh of 3/4 CSE-B are the blog managers of CSI.
- G.Nikhil is the event photographer and is the front end of media team.
- Srimayee was the last member to the family who is a very enthusiastic girl ,ambitious and hardworking.



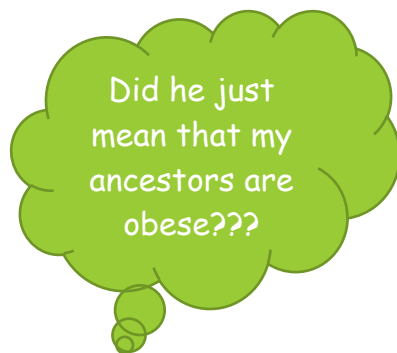




THE FIRST ELECTRONIC COMPUTER ENIAC  
WEIGHED MORE THAN 27 TONS AND TOOK UP  
1800 SQAURE FOOT

SBC-CSI student body coordinator  
addressing the team and elucidating  
the prospect of the CSI.

Fun fact!!!!.....



**A INSTITUTE OF TECHNOLOGY &  
SCIENCES**

(UGC AUTONOMOUS)

(ICTE & Accredited by NBA & NAAC with 'A' Grade)

Sangraha 33102, Dheemunipatnam Mandal, Visakhapatnam Dist

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

S. No	Name of Professional Society students chapter	Members			
		2019-20*	2018-19	2017-18	2016-17
1	ANITS-CSI STUDENTS CHAPTER	239	321	348	324

\*More Registrations are under process.

List of events that have been organized by the team are listed below with all the details which includes the schedule, resource persons, name and type of the event. Other details like the details of participants, their attendance and the feedback of the event are filed up and are securely stored with the student branch coordinator.

All the events that are organized are the technical events and those which have stipulated outcomes. Every event's outcome is just the enhancement of quality of technical knowledge in the domain of computer science and mathematical computation.

Learning of subject and gaining knowledge can be of different types. These may include learnings like visual- spatial, kinesthetically, interpersonal and intrapersonal, and auditory learning. Our team organizes the events in such a way that all types of learning can be provided by which students can be benefitted. Each event addresses different learning styles for the students. All events are dedicated only to the technical aspect of learning and the subjects are the subsets of computer science domain.

1. Coding events are proposed to enhance the kinesthetically and the intrapersonal learning skills and the ability to write and solve different problems and to generate the optimized solution. Ability to choose the apt algorithms is other outcome.
2. Guest Lectures are to enhance the auditory learning skills in the students and to update the students with latest technology and trends in computer science development.
3. Seminars are to provide the students with awareness on latest events and to update them with the latest technologies in their respective domains.
4. Hands on workshops are done to enhance the kinesthetic learning ability in students followed by the training in the that respective domains.

5. Acquiring styles of students may vary from different percentages in students and hence all the problems and questionnaires that are to be solved by the students were designed by the experts in respective domains so as to cover all the acquiring styles. Students may solve the problems by being self-cognitive, affective, reflective or by being a reverse thinker with which the psychology of problem solving in students can be enhanced.
6. Few coding events are designed to make the students practice the programming languages, a few for making them understand the different algorithms and a few are to enhance overall performance of the students.
7. Other events may include entertainment activities like code with pup for freshmen who were completely naïve to the world of programming.
8. Team events were done so as to enhance their interpersonal skills, linguistics and a mnemonic way of corporate life after their Under Graduation.
9. Project works are to increase their technical skills by implementing their theoretical knowledge. This the most important one because students shall seek the ability to embedded different domains in a single event.
10. Paper presentations are to enhance their technical, writing and linguistic skills of the students.
11. Other events may include Quizzes, brainstorming activities and idea sharing presentations.
12. We also provide guest lectures for students on time management, how to pioneer for a good idea and how to organize a startup.

S.NO	Event Name	Type	SCHEDULE	RESOURCE PERSON WITH DESIGNATION	PEOPLE COUNT	TARGET AUDIENCE
1	Database Design And Programming With Sql	Guest Lecture	14/11/2019	N. Lokeshawari Asstprof. Cse-Anits K. Amaravathi Asstprof. Cse- Anits	39	JUNIORS
2	Python Programming	Guest Lecture	14/11/2019	G.V.Easwar Rao Asstprof Cse-Anits	13	JUNIORS
3	Hackerrank Coding Contest	Coding Contest	15/11/2019	B. Mahesh Asstprof Cse-Anits	41	JUNIORS
4	Artificial Intelligence And Machine Learning Impact On Computer Science	Seminar	19/11/2019	Mr.Somagiri Parupalli, Data Scientist, Insofe	80	SENIORS
5	Analytical Problem Solving Skills In Big Data And Data Analytics	Guest Lecture	6/12/2019	Prof Ganapati Panda, Professor, School Of Electrical Sciences, Indian Institute Of Technology, Bhubaneswar, Dr. Suresh Chandra Satapathy, Professor & Dean ( Research) , School Of Computer Engg, KIIT Deemed To Be University, Bhubaneswar Khorda, Orissa, India Dr. Naeem M S Hannon, Associate Professor, Faculty of Electronic Engineering University Technology, Mara, Malaysia.	250	SOPHOMORE AND JUNIORS
6	Csi Coding Contest	Coding Contest	7/12/2019 21/11/2019	Anits-Cse-Csi Student Branch Co-Ordinators	50	SOPHOMORES (CSE,IT)
7	Cyber Security And Ethical Hacking	Seminar	13/12/2019	D.Jagadish(316126510136) A.Aditya(316126510122) M.Sesha Sai(316126510093)	75	JUNIORS AND SOPHOMORES
8	Building Customer Relations In IT Industry	Guest Lecture	28/12/2019	Dr. G. Hima Bindu, Sr. Proj Manager, Wipro Ltd.	100	JUNIORS
9	Python Workshop	Workshop	30/12/2019 05/01/2020	Chaitanya Karri From Apssdc	120	SOPHOMORES
10	Red Hat System Administration	Seminar	23/01/2020	Dr. V. Usha Bala, Asst Prof, Cse	22	SENIORS
11	lot Using Micropython	Workshop	24/01/2020	S.Bosu Bau, Asst Prof, Cse	12	SOPHOMORES AND JUNIORS
12	Higher Education In Australia By IDR	Seminar	30/01/2020	Idp Education Fair Team	84	JUNIORS AND SENIORS



## GUEST LECTURE

**Topic :** Problem solving skills

**Speaker :**Dr. Suresh Chandra Satapathy, Professor & Dean (Research) , School of Computer Engg, KIIT Deemed to be University, Bhubaneswar  
Khorda, Orissa, India.

Dr. Suresh Chandra Satapathy has worked in ANITS for 10 years. He pursued PhD in Computer Science and Engineering in the areas of specialization I.e., Computational Intelligence, Soft Computing, Machine Intelligence, Data Mining, Swarm Intelligence. He has 25 years of teaching experience and 10 years of research experience.

He has started his speech with a warm introduction of his experience in ANITS, the journey he had with students who aspired to achieve their dreams. He has mentioned that “ANITS is an alternative to a NIT where students can reach their desired destination by following their paths laid by their mentors.” He has emphasized the way a student has to build his personality. With the emerging technologies and growing competition, he stressed the need of creating a unique identity for every student present over there. He also said that it is the student’s responsibility to build his/her career to withstand the competition. In his words, smart work and determination to succeed can only help an individual to reach his/her goals.



Memento presentation by Dr.R.Sivaranjani (HoD, CSE) to the speaker Dr.S.C Satapathy

Addressing the audience, upcoming computer science graduates he explained the contribution of individuals to the world. He explained how fast the technology is heading towards development and how clever the man should improve his intelligence to survive. He exemplified the day-to-day activities that a man does with the help of machine intelligence. He remarked that the man’s zeal and passion towards advancement can lead to many more innovations.

He continued saying, everything in this world is like a problem that has pre-defined solution, the only thing a man can accomplish is reaching the solution efficiently and quickly. There are different ways in which a problem can be solved but the ideal one receives fame and recognition. Therefore, every person who strives to solve a problem should put his/her efforts to get an ideal solution. Rigorous practice and research helps students achieve the expertise for their further inventions. He concluded his words by motivating students to achieve their goals.

## GUEST LECTURE

**Topic :** Big Data, Data analytics

**Speaker :** Prof Ganapati Panda, Professor, School of Electrical Sciences, Indian Institute of Technology, Bhubaneswar.

This Guest lecture was held on 6<sup>th</sup> December at the Central Auditorium of ANITS. This lecture was addressed by the speaker to nearly 250 sophomores and junior students.



Professor Ganapathi addressing the audience

Professor Ganapati Panda worked as Dean (Academic Affairs) and Head, School of Electrical sciences of IIT Bhubaneswar and Dean (Administration) at National Institute of Technology, Rourkela. He was a member of Board of Governors of IIT Bhubaneswar and NIT Rourkela.

He has done his Post-Doctoral research work at the University of Edinburgh, UK (1984-86) and Ph. D. from IIT, Kharagpur in 1981 in the area of Electronics and Communication Engineering.

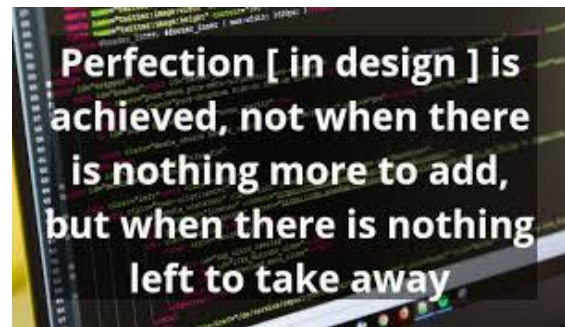
He has started his words with a brief introduction to trends in IT industry.

He said that Information Technology in India is an industry consisting of two major components: IT services and business process outsourcing (BPO). India's IT Services industry was born in Mumbai in 1967 with the establishment of the Tata Group. India's growing stature in the Information Age enabled it to form close ties with both the United States and the European Union. However, the recent global financial crises have deeply impacted Indian IT companies as well as global companies. As a result, hiring has dropped sharply, and employees are looking at different sectors like financial services, telecommunications, and manufacturing, which have been growing phenomenally over the last few years.



visible everywhere in the IT services due to Cloud computing, proliferation of Social media, Big data, Analytics all leading to digital services and digital economy, many of the leading companies in India's IT sector reported lower headcounts in their financial results.

The topic of emphasis has moved to Big data and its importance. The concept of big data has been around for years; most organizations now understand that if they capture all the data that streams into their businesses, they can apply analytics and get significant value from it. The new benefits that big data analytics brings to the table are speed and efficiency. Whereas a few years ago a business would have gathered information, run analytics and unearthed information that could be used for future decisions, today that business can identify insights for immediate decisions. The ability to work faster – and stay agile – gives organizations a competitive edge they didn't have before. Big data analytics helps organizations harness their data and use it to identify new opportunities. That, in turn, leads to smarter business moves, more efficient operations, higher profits and happier customers. The session ended with his enlightening speech about the importance of Big data analytics.



Refer Page Number 30 for the answers of Whiz Quiz.

FUN FACT!!!!



GUEST LECTURE

THERE ARE MORE THAN 5000  
NEW COMPUTER VIRUSES ARE  
RELEASED EVERY MONTH

**Topic:** Analytical and problem-solving skills

**Speaker:** Dr. Naeem M S Hannon, Associate Professor, Faculty of Electronic Engineering University Technology, Mara, Malaysia.

This Guest lecture was held on 6<sup>th</sup> December at the Central Auditorium of ANITS. This lecture was addressed by the speaker to nearly 250 sophomores and junior students.



**Memento Presentation by Professor Ramakrishna Murthy to Professor Naeem , Guest of honour.**

Dr. Naeem has started his speech by extending his gratitude to the Head of the department, CSE and event coordinators. He has given an analytical problem to students to solve. He has given the answer and then explained the solution. He explained about analytical skills as analytical skills refer to the ability to collect and analyse information,

problem-solve, and make decisions. These strengths can help solve a company's problems and improve upon its overall productivity and success. We use analytical skills when detecting the patterns, the brainstorming and the observing, interpreting data, integrating new information, theorizing, and making decisions based on multiple factors and options available.

He added that being good at analysis means being able to examine a large volume of data and identify trends in that data. One has to go beyond just reading and understanding information to making sense of it by highlighting patterns for top decision-makers. One must learn more about a problem before solving it. One will have to first collect data or information before analysing it. Therefore, an important analytical skill is being able to collect data and research a topic. He further said that attaining good analytical skills helps in attaining good problem solving skills.

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*Dr Naeem M S Hannon has 22 patents for his extraordinary works on power system , renewable energy and Artificial Intelligence.*

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## GUEST LECTURE

**Topic :** Building customer relations in IT industry

**Speaker :** Hima Bindu

Mrs.Hima Bindu has been working as a senior project manager in Wipro Limited.



Team CSI welcoming guest of honour Mrs.Hima Bindu.

This Guest lecture was addressed by the speaker to nearly 100 junior students which is hosted at ANITS Central Auditorium on 28<sup>th</sup> December 2019.

The session started with a few queries related to IT industry and the way it works. Ms Hima Bindu has given a brief introduction regarding the IT industry and its two major components I.e., IT services and business process outsourcing. Then she differentiated between the two components and explained about them individually. From simple shop bill, to railway ticket, electricity bill, to paying it everything is IT! . IT or Information technology deals with information - its storage, retrieval,

usage, processing in relation to a business or similar enterprise or government. It is a complete system of information management using technology and computers and to communicate the same in controlled manner to authorized users appropriately.



Mrs. Hima Bindu addressing the gathering

IT sector is considered a sub sector of Information and communication sector. It involves computer systems with Hardware, Software, Network, Infrastructure and associated other equipment. Today this also includes, electronics, telecom, internet, semi-conductors and e-commerce and more. Today from IT products, software, tools, its maintenance and support, consulting and more form part of IT industry. BPO or what is called as call centre etc are also making big revenue in today's IT sector. In fact with the AI and mobile technology there are more and more applications and products coming under the IT sector to replace many manual and people dependent industries. IT is now a part and parcel of every industry even medical,

education, food, hospitality are slowly getting actively involved with IT products and tools and services.

She further explained the role of customers and the importance of communication between the customer and the industry for the growth of industry. She told the most important sector in IT industry is Customer relationship management. She explained five important ways to improve customer relationship. The first step is “to communicate” . Finding and understanding customer’s problem and coming out the ideal solution gives a bigger satisfaction to the customer. The second step is “to exceed expectations” . She took an example of a quicker delivery of a product than the scheduled time. This impresses the customer and impressed, happy customers make more visits. The third step is “to ask for feedback” . Collecting feedback helps in the growth of industry. The fourth step is “to connect”. Making use of advanced technologies and reaching out to customers as soon as possible is a crucial step. The final step is “to show appreciation”. Good customers can be rewarded so that they become daily customers and we make them happy. Then the session ended with few other live examples and case studies on customer relationship management.



SBC- President felicitating the speaker with a beautiful floral bouquet.

## Whiz quiz 1

Who is credited as the first computer programmer?

- a) Ada Lovelace
- b) Charles Babbage
- c) Herman Hollerith
- d) Konrad Zuse

## Whiz quiz 2

What was the first computer virus in the DOS system?

- a) Melissa Virus
- b) Storm Worm Virus
- c) I love you Virus
- d) Brain Virus

Refer page number 12 for answers

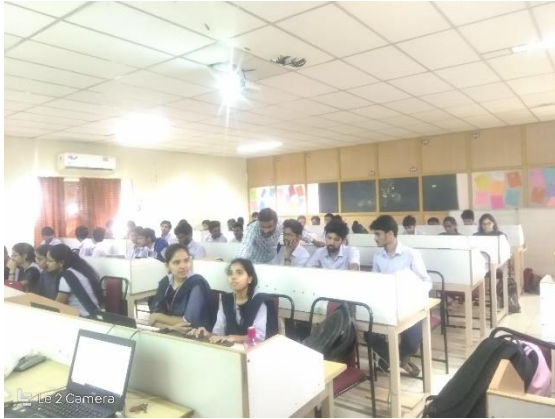
# A REPORT ON PYTHON WORKSHOP

A 5 Day workshop “Problem Solving with Python” has been addressed by Guest Faculty Chaitanya Karri from APSSDC starting from 31<sup>st</sup> December 2019 to 5<sup>th</sup> January 2020 for 120 sophomore students.

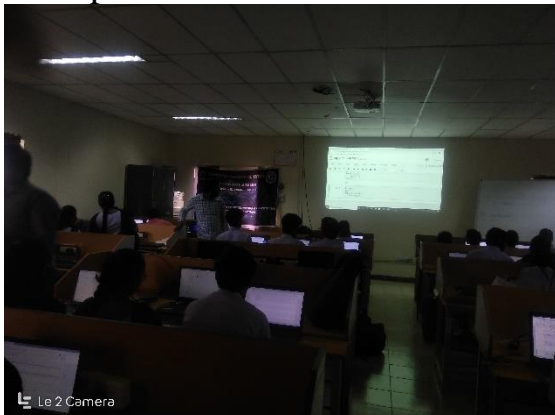
This event is hosted in ANITS Skill Development Centre Lab (APSSDC Lab) in F Block.

Day 1) Python Basics and Documentation in Markdown

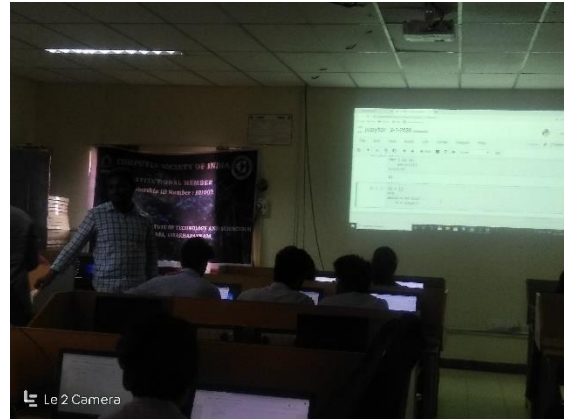
Basic syntax of python ,writing a simple program in python, documentation in markdown mode.



Day 2) Operators and Loops  
Conditional ,Arithmetic ,Relational ,Bitwise operators and introduction to loops



Day 3) Loops , jumping statements , strings and string functions.  
for ,while ,break ,continue ,strings introduction and functions



Day 4) Functions and its types , Regular Expressions ,Data Structures in Python

Recursive functions ,stacks ,queues.

Day 5) Dictionaries ,Modules and Packages ,File Handling ,Functional Programming ,Maps

File opening ,closing ,writing into a file ,introduction to dictionaries ,modules ,packages and maps.



A student shared that he got all his doubts cleared from the resource persons personally and that is really good.



## GUEST LECTURE

**Topic:** IOT with Python

**Speaker:** Mr S. Bosu Baabu

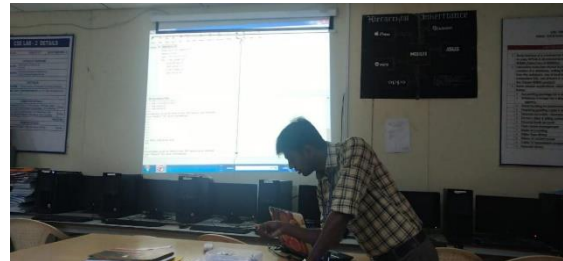
Mr S Bose Babu has been working as an assistant professor in Anil Neerukonda Institute of technology and Sciences in Department of Computer Science of Engineering.

The session started with a brief introduction to IoT. He defined IoT as “system of inter-related computing devices, mechanical and digital machines, objects, animals or people that are provided with unique identifiers(UIDs) and the ability to transfer data over a network without requiring human-to-human or human-to-computer interaction. He then explained about the major components of IoT . The components are a device, gateway, cloud, analytics, user interface. He then introduced microcontrollers like Arduino, ESP8266, RaspberryPi and their hardware structure. He then explained the features of Python that makes it ideal to work with IoT. The features are easy to learn, speed, Library support, embeddable, extensible, interpreted, portable, free and open source, community supports.



Demonstration of Bread Board with LED

In this session, Mr.S.Bosu Baabu has addressed three modules. Firstly , Programming an LED with the help of Arduino. He gave brief introduction to the architecture of Arduino kit and then constructed the circuit and made the students to code.



Demonstration of sensor connected circuit

In the second module, he introduced sensors and its types. In his words, a sensor is a device that converts physical parameter like temperature, speed into a signal which can be measured electrically. Different types of sensors include temperature sensor, proximity sensor, light sensor, pressure sensor etc. He further explained the circuit used to program temperature sensor.

In the third module, he elucidated the operation of a button using servlet . He built a client server model for the ESP device and to his android device. He demonstrated the program using an android phone. He has embedded the application’s program in ESP8266 and connected an LED to it by which he can remotely control the operation of the led whether to be ON or OFF. As he presses the button in the application of his android phone. A request was sent to server and the



program in ESP is executed and turned the LED device.



Oath of thanks from the audience

Further session continued with theoretical explanation of some other experiments and finished with a set of doubts from the audience.



"Where is the 'any' key?"  
— Homer Simpson, in response to the message, "Press any key"

## TIPS AND TRICKS TO BECOME A GOOD PROGRAMMER.

*A good programmer is someone who always looks both ways before crossing a one-way street. ~Doug Linder*

Working as a software programmer in IT industry, one thing that drives us daily to the work place; is that fun and passion lies in programming. But to make that programming a fun and to get an eternal elation out of it, one needs to learn and adhere to some

basics which make you a good programmer.

I am not writing mantras which you can follow to become a good programmer, but the intention is to collate a list of helping tips which I learned and implemented in the industry to get good results. There is no definition of a good programmer, but here we are referring to the category of programmer who have developed excellent IT solutions and helped in overall growth of this industry.

### 1. Work on Basics

As it is true for any industry and any job, the conceptual understanding is the key for success. Unless one has strong conceptual foundation, he/she can never be a good programmer. The core conceptual understanding helps you in designing and implementing the best solutions in the best possible way. If still you feel gap in core computer science and your programming language specific concepts, it's never too late to go back and review the basics.

### 2. Start putting question tags (how, what) with every set of code you write

One thing that I realized creating a clear separating line between good programmer and rest is that zeal to know what and how it is happening. There is small group of people who

can never leave a code without knowing exactly what is happening when it executes. I understand that in tight deadlines, we don't get this liberty always and hence have to leave the code just knowing that it's doing its job. Although this is a bit different topic of how to handle such situations, but as a programmer one can always try the level best to dig into as much as one can. And believe me, this becomes a habit with time and then you do it unknowingly every time.

### **3.You learn more by helping others**

Most of us have a common tendency of turning our heads towards forums or groups only when we need help. And again a clear separation between the good programmer and rest that the formers visit these places more often to help others. This makes them learn more then they learn getting their problem solved by someone else. Within a team as well, help others to solve their problems. Believe me, understanding others' problem in their context, investigating on that and providing solutions; will leave you much more learned than before.

### **4.Write simple, understandable but logical code**

As in almost every aspect of life, the formula of KISS (Keep it simple and short) works in programming as well.

Write more logical code and avoid complexity. Sometimes people do write complex code just to prove their capability to write such codes. My experience says that simple but logical codes always works well, resulted in fewer issues and are more extendable. I remember an excellent quote

*Good code is its own best documentation. As you're about to add a comment, ask yourself, "How can I improve the code so that this comment isn't needed?" ~Steve McConnell*

### **5.Spend more time in analysing the problem, you'll need less time to fix it**

Spend more time in understanding and analyzing the problem and designing solutions for it. You will find the rest of the things quite easily doable. Designing not always mean using modeling languages and tools, it can be as simple as looking at sky and thinking solution in your mind. Those who have habits of pressing keyboard (for coding) the moment get the problem, usually ended us something different than the requirement.

*If you cannot grok the overall structure of a program while taking a shower, you are not ready to code it. ~Richard Pattis*

## **6. Be the first to analyze and review your code**

Although a bit difficult, but try to break your own code before others can and with the time you will learn to write close-to-bug-free code. Always do a close and unbiased review of your code. Also never hesitate to take others view on your code. Working with good programmers and taking their feedbacks will surely help you become a good programmer.

## **7. Don't dismay yourself by looking at changing technology world**

Over these periods in IT industry, I met with many people who are either disappointed by their work or even left it to search new job saying they want to learn and work in latest technologies. I don't see any problem with this aspiration but the very first incorrect word is the 'latest technologies'. What we are hearing everyday and mean here is new tools, APIs, frameworks and others means coming up everyday to make the programming easier and quicker. This anyway will continue in technology world. But what needs to be understood is that the core and basic technologies changes with much lesser pace than frameworks, tools and APIs around it. This is like the sea where the surface water moves very rapidly but the deep water is relatively calm and concentrated and most of the aqua

lives survive here. So, feel yourself in that deep water and close to core technologies. For e. g. in Java enterprise world, lots of web frameworks exist and new ones coming every other week. But the core concepts of request based client-server communication, MVS pattern, filters/servlets/JSP, resource bundling, XML parsing etc remains same. So spend more time in learning these core concepts rather than worrying about ever changing frameworks and tools around it. Believe me, with the foundation of core concepts, you will always find easier to learn new frameworks, tools and APIs.

## **8. Work-arounds don't work for longer time**

Many times software programmers implement work around solutions (may be because of lack of time, lack of problem understanding or lack of technology experience). But over the period these work around solutions always resulted in corrupting the code, making it less extendible and maintainable and lot of wastage of time later on. Always prefer to implement when you know the in-out of the solution. I understand that it becomes unavoidable in some circumstances, but it's like, one should speak truth always but you tell lie in some circumstances.

### 9. Read documentation

One of the essential habits of good programmer is that they read lots of documentation. May it be specifications, JSR, API documents, tutorials etc. Reading documents helps you creating that essential foundation based on which you program in best of the way.

### 10. You can learn from others code as well

I interacted with some excellent programmers who actually have java source project inside their IDE all the time and read/refer that in daily work. They do it not only to fulfil their appetite of knowing the basics but also to learn ways of writing good programs. Reading and referring reliable and known open source code or your senior's code, can also help you making your programming better.



### CLASSIC HUMOUR



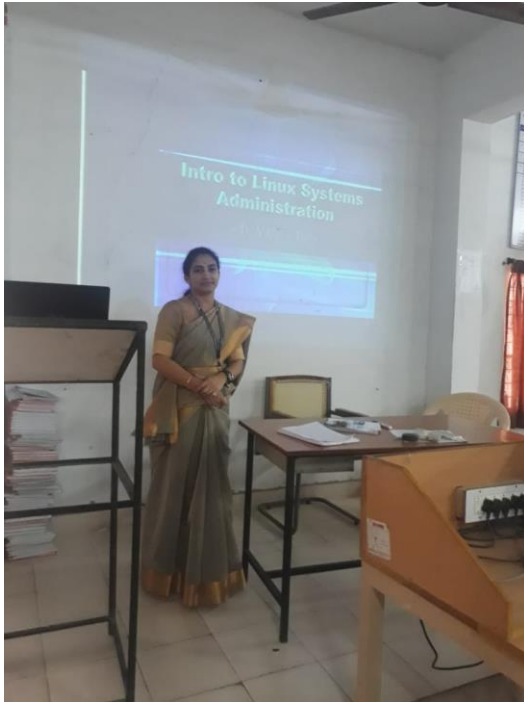
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y	y	r	i	s	e	q	w	n	a	h	a	j	a	h	s	r	a	u
r	l	o	k	e	s	w	a	r	i	r	f	g	n	f	s	y	a	a
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n	c	h	z	i	h	s	y	n	x	n	2	w	v	u	a	y	s	r
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u	m	e	e	f	h	n	g	t	y	u	u	r	n	c	z	g	x	h
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l	i	l	c	h	j	r	a	m	a	s	a	r	r	h	i	o	e	t
a	o	a	p	s	m	k	h	o	r	d	w	p	p	s	u	y	y	u
n	p	h	i	o	n	a	d	c	d	l	h	o	r	o	t	j	i	p
r	n	t	u	t	o	n	e	p	a	a	s	r	a	t	r	a	u	n
o	y	i	t	n	h	a	v	u	h	u	a	c	s	n	y	v	t	o
f	t	v	y	a	k	r	i	k	c	s	e	i	a	a	u	i	r	c
n	a	g	a	s	r	i	n	i	v	a	s	m	d	s	o	s	p	q



## GUEST LECTURE

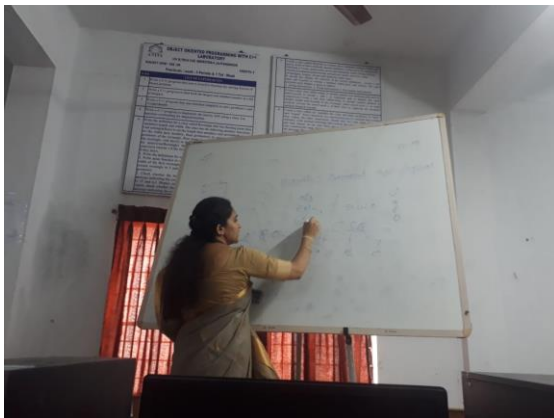
**Topic:** Overview On Red Hat Administration System

**Speaker:** Dr. V. Usha Bala



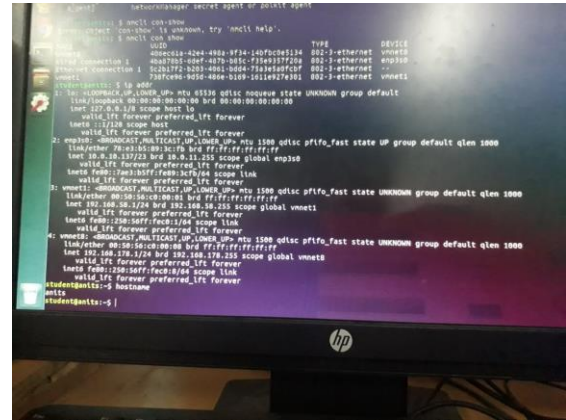
This guest lecture is hosted in E Classroom in Department of CSE , ANITS on 23<sup>rd</sup> January 2020. This lecture is addressed to all the senior students who are interested in Red hat administration System.

The speaker elucidated the basics of the red hat administration.

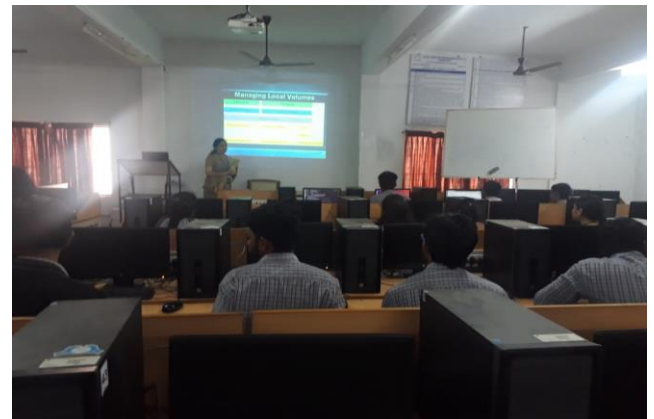


The speaker also provided the students with an opportunity for an

experience based learning for proper understanding and acknowledgement of the knowledge.



She elucidated how a few systems could be connected and the creation of pneumatic lab for the students to practice in case if the target audience are willing to learn.



FUN FACT!!!!



Red Hat got its name from founder Marc Ewing who wore a red Cornell University lacrosse hat, given to him by his grandfather, while attending Carnegie

Its so thoughtful of the respective coordination body and the faculty to establish this here. Thankyou mam , for sharing your immense experience and knowledge with us.

D.KIRAN MAHESH REDDY(316126510073)

## SEMINAR BY SENIOR STUDENT

**Topic:** TCS HACKQUEST

**Speaker:** D. Jagadish

Dammala Jagadish is a senior student who is a finalist of TCS hack quest and got placed in TCS Cyber Security practise team with an appreciable package and added perks. He elucidated his experiences and also shared a few tips and techniques to students.



Dammala Jagadish, Finalist of Hack Quest

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*The best thing that could ever happen to any person is when he realized his standard and that's what happened to me. Not that I am a good coder, but yeah !! I am a good learner. I realised my potential and the height that I could reach when I work hard. I never knew that I could solve such real time problems but yes I did. Not that I solved all the problems, I just solved 1 out of 7 problems but I learnt my capability, I got guidance and met new people who were experts in their respective domain, and they offered to help and guide me. All you need to be is just be as childish as possible and as enthusiastic as possible and strive to be the that perfect learner.*

*-D Jagadish*

---

He addressed his junior students with all his experiences right from boarding the commutation to the very last minute of being felicitated from the respective organizers and how he was offered a job in there.

He delivered a motivational session with humour and entertained the students with some riddles.



Dammala Jagadish elucidating and clarifying few doubts of his students.

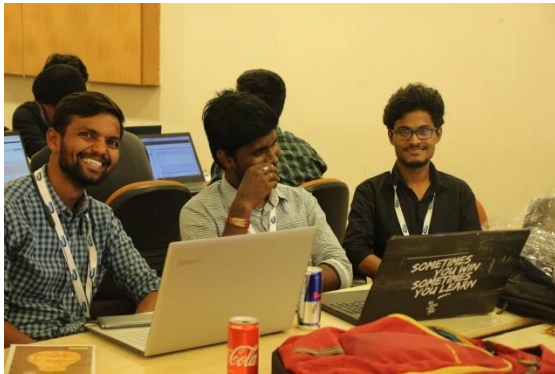


## SEMINAR BY SENIOR STUDENTS

**Topic:** VIRTUSA NEURAL HACK

**Speaker:** M Kali Charan and K Srinivas

Kali charan and Srinivas who are the senior students in ANITS CSE Dept. has participated in a neural hack and won his dream job as a software developer in Virtusa with a good package and beneficiary perks.



They Participated in Virtusa neural hack. The elucidated how the neural networks work and their applications.

They elucidated their experiences and many machine learning algorithms.



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*It is a 24 hours continuous event and we are provided with all the resources. All we need to do is to brainstorm to bring out the best out.*

*-Kali Charan*

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Srinu and Kali Charan addressing the students.

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*I am benefited a lot by participating in this hackathon. I am extremely happy for taking this initiative in my life. I regretted a bit in prior but I am so happy that I took a step forward. I met new people and increased my connections and networking. My job opportunities increased and when once I updated my linked in new connections from different Human Resource persons of different companies started connecting with me. It added a very good value to my resume and to the prospect of my career. I gained a memorable experience and my team building skills has got improved. There is an immense need for perfect for team building in such a brainstorming hackathon. We got recruitment offers and cash rewards as well. A great deal of talent is lost with a small lack of courage. But I didn't*

*-Kesari Srinivas*





## SEMINAR BY SENIOR STUDENTS

**Topic:** CYBER SECURITY – SELF DEFENSIVE METHODS IN PRESENT CYBER WORLD

**Speaker:**

1)Mankala Sessa Sai

2)Adida Aditya

Sessa Sai who was placed in the cloud services team in Amazon is a senior student in ANITS has addressed the students with types of cyber threats and a few preventive measures that are supposed to be taken to get out of the clutches from the cyber hackers.



Adida Aditya who is a sincere environmental activist and the very enthusiastic person is one of the brightest student with an admirable portfolio has been offered with appreciable jobs and designations by many recruitment teams of different companies and finally got into the research and development team of Hyundai Mobis has shared his knowledge on Cyber Security.

He addressed students on how to be equipped with the perfect preventive measures and self-defensive mechanisms that could help us in not getting into any sort of ambiguity with cyber threats.

Provided with a lot of humour and entertaining riddles to students.



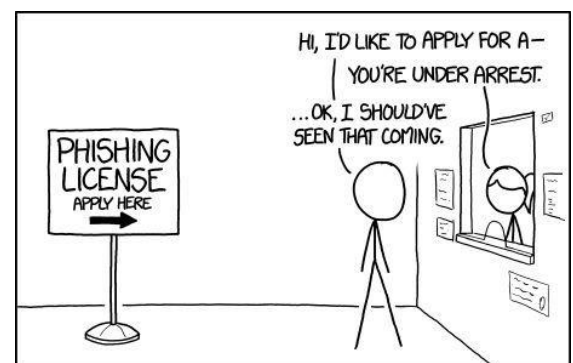
### CLASSIC HUMOUR



I ran across this website that offers to do a free *security* audit of all of your e-mail and social network accounts!

And all you have to do is give them your *usernames* and *passwords*, right?

Wow, you've tried it, too?



# CODING CONTEST ORGANISED BY CSI STUDENT BODY

This event is targeted to train sophomore students. They were made to acknowledge the art of coding and a few problems are given for them that are to be solved.

The student body has organised this coding contest in hacker rank.

This event was meant to encourage students in the domain of professional coding.

This event has happened in 2 levels where screening has been performed to eliminate few students.

Level one was hosted in Lab 1 and Lab 2 with immense support of the lab faculty in charges S.S.N.L Priyanka and the lab assistants B.Udaya Lakshmi and Nivedha on 7<sup>th</sup>December 2019,

Post that, screening has been performed as per the results by the results of the students , like number of test cases executed , time of execution etc.

The second level was hosted at the same venue on 21<sup>st</sup> December 2019.

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*“Programs must be written for people to read, and only incidentally for machines to execute, It’s OK to figure out murder mysteries, but you shouldn’t need to figure out code. You should be able to read it.*

*-G.Prudhvi Raj*

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The finalists were to be awarded on the CSI Foundation day, i.e 6<sup>th</sup> March 2020.

## Whiz quiz 3

When was the first email message sent?

- a) 2001
- b) 1991
- c) 1971
- d) 1981

## Whiz quiz 4

An error in software or hardware is called a bug. What is the alternative computer jargon for it?

- a) Glitch
- b) Ambiguity
- c) Error
- d) Mistake

## Whiz quiz 5

Who is the father of computer Science?

- a) Charles Babbage
- b) Allen Turing
- c) Edward Robert
- d) Peter Parkingson



## LEVEL 1 PHOTO GALLERY



Student Body President Miss Sri Vidya enlightening the sophomores with the need for the art of proper coding and how it's a life for those who possess their careers as research and development or software developers.



Students taking their session very seriously and solving the riddles.



Master Pavan making the students clear with the rules and regulations and master Dinesh reminding them the time constraints and other prospects of being a good coder.

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*“When you are stuck in a traffic jam with a Porsche, all you do is burn more gas in idle. Scalability is about building wider roads, not about building faster cars.”*

— Steve Swartz

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## LEVEL 2 PHOTO GALLERY



Miss Sri Vidya monitoring the participants and guiding them all the while till the event is done



Participants working on their respective computers to bring out the best result.

Overall ratings and the feedback from the students is acknowledged and the student body team learnt that the students are willing to do more coding and to solve more problems with more constraints. They are also hoping to have more constraints and requested to organise brainstorming sessions. A few participants thanked that they got a chance to learn their ability and performance levels. The overall rating was **8.39** out of 10 and the HOD was quite satisfied and appreciated the team. Post the session the coordinates decided that the next event would consist of placement level questionnaire for junior students .

## GUEST LECTURE

**Topic:** DATABASE DESIGN AND PROGRAMMING WITH SQL

**Speaker 1:** N. Lokeshwari

**Speaker 2:** K. Amaravathi

Both the speakers are assistant professors of ANITS who have their expertise in Data Mining. Basically the best friends teach the same subjects. They addressed the junior students on 14<sup>th</sup> November 2019. Since it was Children day , a fun activity has been done. Post the pleasantries with the students , the first and the foremost topic that has been discussed are the basics of database management systems. Post that the discussion was proceeded to the different types of databases.

Later the discussion started on SQL plus and all the basic concepts were covered in that. Most of the SQL queries are covered in that.

They gave a Quick start on SQL plus which is the most basic Oracle Database Utility, with a basic command line interface, commonly used by the users , administrators , and programmers.

The also taught the first history of the SQL plus, The first version of the sql plus was called UFI( “User friendly Interface”). UFI appeared in Oracle Database releases upto version 4 said N. Lokeshwari.

K. Amaravathi explained the Compatibility, Variables, Integration of the SQL Plus.



N. Lokeshwari clarifying the doubts of the students and answering the queries posed by the students.



K. Amaravathi mam explaining about the other SQL forums to the students.

# CODING CONTEST ORGANISED BY B.MAHESH



B.Mahesh , an assistant professor in ANITS has his specialization in cloud computing. He is a young ,energetic and dynamic faculty member that department of CSE is privileged to have is an enthusiastic and student friendly lecturer that helps students to learn subjects like C programming , C++, Java, Data Structures , Python and R programming along with Big Data to his student friends.

He organised a coding concert on 15<sup>th</sup> November 2019 for Junior students and the Lab 1 of Department of CSE hosted this event with immense support of the lab incharge S.S.N.L Priyanka and lab assistant B. Udaya Lakshmi.

*“Programming without an overall architecture or design in mind is like exploring a cave with only a flashlight: You don’t know where you’ve been, you don’t know where you’re going, and you don’t know quite where you are.”*

*-B.Mahesh*

Rank	User	Score	Time	Country
1	rohithammasu1	100.00	1:23:57	IN
1	Yesman3reddy1	100.00	1:25:26	IN
1	pruthihsankar13	100.00	1:42:21	IN
1	namak123456	100.00	1:54:25	IN
1	am3llegan8	100.00	1:54:27	IN
1	prathamesh2007	100.00	1:31:52	IN
1	hussain316	100.00	2:02:21	IN
1	91712841004792u	100.00	2:01:34	IN
9	vij_saini0484	50.00	1:38:26	IN
9	katagiriAradh	50.00	1:52:21	IN
9	codestash0	50.00	1:50:58	IN
9	snethu_govil	50.00	1:50:41	IN
12	rajchand	80.00	1:22:04	IN
14	spriya2009	70.00	9:40:56	IN
14	rajtejasreddy07	70.00	1:25:27	IN
14	918125210206	70.00	1:20:13	IN
17	srinani1999	60.00	1:22:58	IN
18	sumansh2626	50.00	9:15:26	IN
19	rahulraj_19	30.00	4:16:42	IN

Rank	User	Score	Time	Country
20	bharathraja15	20.00	2:14:52	IN
20	hansh_maheshwari_1	20.00	2:22:52	IN
20	Bishank00009	20.00	2:08:24	IN
25	vinuaggil1999	10.00	1:00:31	IN
25	abhinayreddy_001	10.00	1:11:18	IN
25	rajgopalrao	10.00	1:31:32	IN
25	bukaj_sne143	10.00	1:31:52	IN
25	globalkenya	10.00	1:35:18	IN
25	wanted_AC	10.00	2:28:07	IN
25	shankar008	10.00	24:03:28	IN
30	bhaskar698	0.00	00:00	IN
30	saLn169123	0.00	00:00	IN

Images of the Results.

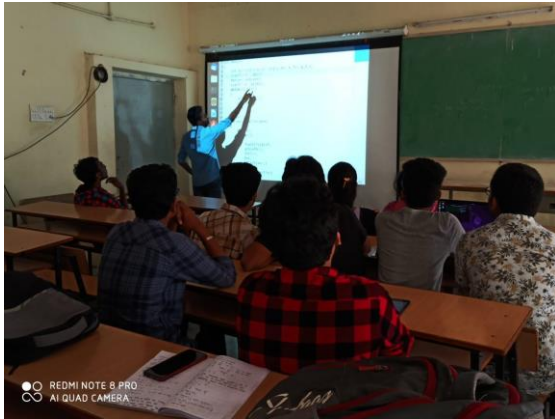


# WORKSHOP , GUEST LECTURE AND CODING CONTEST

## A MONTH PROGRAM BY SOPHOMORE STUDENTS

**Topic:** Basic data structures and pointers. Practical implementation and executional parts of the basic data structures and pointers concepts.

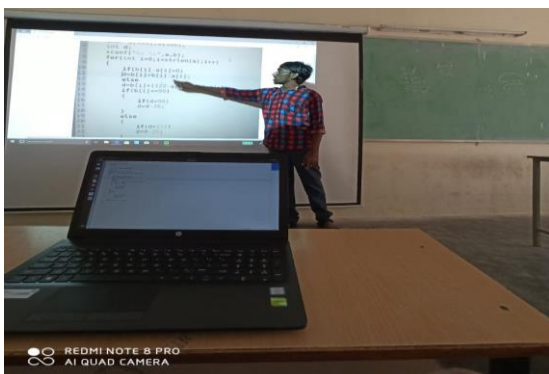
**Speaker :** I. Soma Shekar



Soma Shekar an enthusiastic student is an expert in pointers concept and also the person who topped the data structures subject with his peers. He motivated his junior fellows to practise coding competitions.

**Topic:** Advanced logical operators , for loop advanced , memory allocations in C language .

**Speaker :** M . Yashwanth



He is good at code optimization by using only symbols for coding.

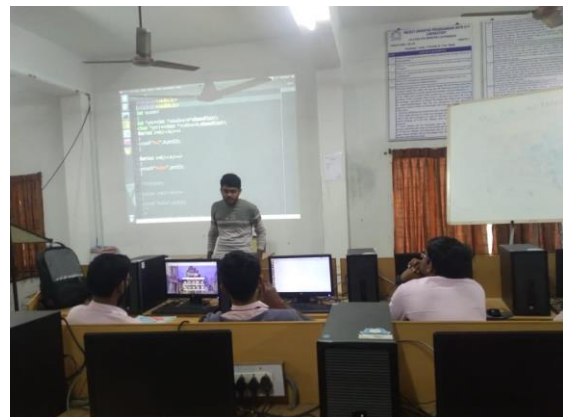
**Topic:** Operator precedencies, gotoxy function and its applications , Usage of loops and switch cases , enum function .

**Speaker :** N. Chaitanya



**Topic:** Advanced pointers, advanced printf and scanf codes, single array topics, programming guidance.

**Speaker :** V. Vivek



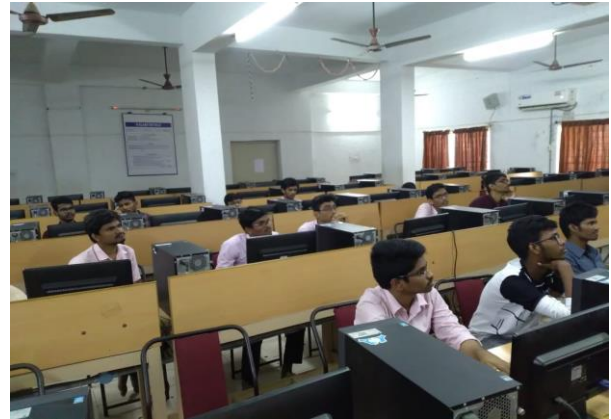
**Topic:** Coding and programming questions logics, infinity loops.

**Speaker :** P. Rakesh

They utilized the mutual free hours of them and the freshmen and scheduled the events properly and glitch less. Also they finally organised a coding event. They managed to lecture 129

freshmen students from CSE and IT departments.

They named this event as “PROGRAMMERS 2K19”. Programmers 2K19 is the event organised by a bunch of sophomore students who started the advanced course of C programming with their personal enthusiasm and the resources provided by CSE department with no student body interference. These bunch of selfless motivational spirits realised that the syllabus of programming and c language was an age-old curriculum and hence they personally organised this event at every possible times to their peers with provided resources. They did their best work and research to find and learn the updated curriculum and organised a month course under the acknowledgement of N.Lokeswari Assistant Professor in ANITS , Department of Computer Science and Engineering and Prof. Dr. R Sivaranjani Head of the department, Department of Computer Science and Engineering. They were provided to have the access of internet and the systems of E Classroom with the assistance of Mr.P.Sainath Vittal and lab in charge B. Siva Jyothi. All the permissions and coordination provided by the computer society of India Student Branch of ANITS.



A coding contest was organised by the freshmen to the juniors.

1:54 Vo LTE LTE1 31%

Rank	User	Score	Time	Country
1	umasudheeryadala	140.00	2:38:03	India
2	abdurrasheed1781	90.00	2:14:02	India
3	mohithlibanacc1	70.00	1:31:37	India
3	botlaguntagopi	70.00	1:43:20	India
5	divyasribevara3	50.00	1:09:03	India
5	likthakrishna01	50.00	1:09:08	India
5	nellipudisaisiv1	50.00	1:16:08	India
8	maradanatarunku1	40.00	1:21:13	India
9	koushikmalla999	20.00	41:05	India
9	pithanirakesh	20.00	1:03:13	India
11	dviswanadham7	4.55	26:30	India
12	bh_saitaja_2002	0.00	00:00	India
12	varavechalapu	0.00	00:00	India
12	maddinenihruday1	0.00	00:00	India
12	sandeepmaharana	0.00	00:00	India
12	Ahtikil	0.00	00:00	India
12	veesamprasad2002	0.00	00:00	India
12	subhasreekasibh1	0.00	00:00	India
12	manoprachotan_1	0.00	00:00	India
12	ismartomkar0	0.00	00:00	India

Items per page: 20

The above is the picture of the leader boards of the participants who participated. Most freshmen got interested in coding after this event. This is what that is declared from result analysis.



## CODE BUGGING AND DEBUGGING

This event was organised to let people know how to code and how not to code. Data set was taken from the different frontend pages of UGC minor projects of different teams. All the even team member pages were debugged by the odd team member's dataset and vice versa. The best teams were awarded with the cash prize worth of few bucks from the Head of the department and the chief guest who is going to attend the inaugural on CSI foundation day. This event was hosted on 29<sup>th</sup> February 2020. The event was successfully organised by S. Joshua Johnson sir and the student coordinators Pavan ,Gowtham and Prudhvi Raj. The chief guest for the event was Dr. K.S.Deepthi and the chief evaluator was Prof. Dr. R. Sivaranjani.

The event was hosted by Mr Relangi Kiran Asst. Professor in ANITS in his lab with assistance of lab assistant Niveditha. The Guest of Honour for the event was Dr . M. Rama Krishna Murthy.



Fig : Dr M. Rama Krishna Murthy was elucidating the necessity of proper coding to the students and posing.



Master Prudhvi Raj who was the vice president of CSI student branch elucidating the rules and regulations of the event to the students.



Student elucidating his approach for solving his test case sample to the organiser and the chief guest.

## WORKSHOP ON AI INTEGRATED WITH IOT

**Topic:** Basic data structures and pointers. Practical implementation and executional parts of the basic data structures and pointers concepts.

**Speaker :** Mr.Dinesh Kumar Hirawat

This event was organized on 24<sup>th</sup> and 25<sup>th</sup> of February 2020.

Mr. Dinesh Kumar Hirawat is the CEO of HMI Engineering services. He has possessed his Bachelor's and Master's degree in Computer Science. He has 17 years of work experience in Corporate Training and worked as Project manager in USA in data science. A two day session was conducted as apart of workshop entitled "AI integrated with IoT".

The first day session started with a brief introduction to IoT , AI and their inter-relation. He said that IoT is about connecting machines and making use of the data generated from those machines. AI is about simulating intelligent behaviour in machines of all kinds. IoT and AI together is "connected intelligence". He then demonstrated about a few IoT devices. He explained about the architecture and programming style of Arduino kit Arduino is a platform on which one can mount sensors and fetch the sensors data from it. He then gave a detailed explanation about Node MCU. He introduced Node MCU as an open-source firmware and development kit that helps to prototype or build IoT product. He

demonstrated the architecture and working of Node MCU. After a break to the session, he explained how automation is achieved using IoT.

The second day session started with development of few applications like chatbot. He then gave brief introduction to Python and basic syntaxes in it. He then gave hands-on session where packages like Pandas and NumPy were installed and used. Lastly, there was an exam conducted in which two coding questions are given. Based on the results of the test, 12 students were given internships and all other merit students received merit certificates. The session ended with thanks-giving from the students.



## CSI ACHIEVEMENTS

1. B VENKAT SAI KISHORE of 2/4 CSE-A had achieved **Rank 1 in CSI CODING CONTEST** held in ANITS conducted by ANITS CSI STUDENT BRANCH on 21<sup>st</sup> December 2019.

2. N PRUDHVI RAJ of 2/4 CSE-B had achieved **Rank 2 in CSI CODING CONTEST** held in ANITS conducted by ANITS CSI STUDENT BRANCH on 21<sup>st</sup> December 2019.

3. K SATYA SAI PRAVEEN of 2/4 CSE-C had achieved **Rank 3 in CSI CODING CONTEST** held in ANITS conducted by ANITS CSI STUDENT BRANCH on 21<sup>st</sup> December 2019.

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**P.SIVA DHANUSH** (317126510157) of 3/4 CSE-C had achieved **Rank 2 in CSI PROJECT BETA TESTING CONTEST** held in ANITS conducted by **ANITS CSI STUDENT BRANCH** on 29th February 2020.

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**CONTEST** held in ANITS conducted by **ANITS CSI STUDENT BRANCH** on 29th February 2020.

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conducted by **ANITS** **CSI**  
**STUDENT** **BRANCH** on 29th  
February 2020.

## WORDS IN GRID

Find all the faculty names.

Answers to the whiz quiz

1)A

2)D

3)C

4)A

5)B



All credits and honour is dedicated to each and every member of the department which includes people from the head of the department to the janitors for supporting us in serving the students for their betterment , for a better tomorrow and for the betterment of the nation by providing us innumerable resources and immense support by all means.

Editor In chief  
Prudhvi Raj Gopisetty



# PERSONAL INCITEMENT

**Content :** Steps to enhance skillset and work strategy.

**Speaker :** Dr. Duvvada Ram Prasad , General Manager , RINL, Vizag Steel plant.

This event was organized on 6<sup>th</sup> March 2020.

This event was to help the students who are willing to bet he future entrepreneurs and for those who have their own startup ideas.

This event was attended by nearly 400 students and a wide participation from other colleges was appreciated. Major focus was given on ways to help the students know about entrepreneurship opportunities in the market and help them to start up their business.

The seven policies for golden career were elucidated by the speaker with live interactive questionnaire for the students.

**1.Always leave Room for Plan B:** Don't pin your hopes on one specific job in the belief that it's a perfect fit. If you don't get that job, depression will follow. It's also smart to pursue multiple opportunities even when you don't want to.

**2.Avoid getting your Needs Met through Interviews:** Never consider an interview the best way to satisfy your professional validations. If you do, you're bound to experience disastrous results, since employers want to know how you can help them, not how they can help you.

**3.Ask for Feedback:** While most employers refrain from sharing solid feedback if you don't get the job,

there's no harm in asking for a constructive feedback.

**4.Never Bring Up the Past:** Once rejected, we tend to relive the situation and discuss it with others when we shouldn't. Instead of focusing on rejections, try to focus on instances when you've succeeded and when your expectations were met.

**5.Consider Your Strengths:** Once rejected, it's very easy to blame yourself and find faults with your resume or even your personality. Don't beat yourself up just because you've been rejected for multiple jobs

**6.Understand That You Aren't Alone:** Many more people are turned down for jobs than land them - that's a simple fact. Once you accept that, you can focus on the next opportunity.

**7.Keep a Positive Attitude:** The best way to deal with rejections is to keep a smile on your face. Turn each rejection into a learning opportunity and stay focused on your ultimate goal. The day will come that you and great job are finally matched.



Speaker engaging the students



## INDUSTRY INCITEMENT

**Content** : Steps to enhance career and career opportunities in IT Industry.



**Speaker** : Mr. Madhu Baabu Beesetti, Lead Global Delivery & Solutions – SAPConcur EAS SAP- Intelligent Spend management(ISM) Sub Practice Tata Consultancy Services Limited

This event was happened on 7<sup>th</sup> March 2020 engaging nearly 1000 students of all the years . The prime objective of the speaker is to give the listeners an industry incitement.

The best part is the response from the listeners. The insight in the industry and how the things work in corporates and newly built firms was perfectly elucidated.

The event went pitch perfect with is motivational quotes. He addressed and congratulate d the CSI student team and addressed them. He called the team as the future managers. He addressed all the students with his own examples from his past.

## CODING TUTORIAL

**Content :** Array , Bit manipulation and other synthetic topics of coding.

**Speakers :** 1) Surya Teja Piniseti.  
(316126510041)

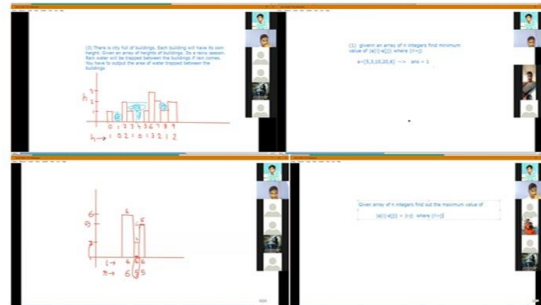
2) Suvarna Raju Chentah  
(316126510008)

This is a one week session attended by 90 students from juniors and sophomores. These two students were inspired by the thought that no pandemic could stop us from learning. The team of CSI and these students gathered all the students who were inspired to learn and organised this 2 week session. The first session was dated from 21<sup>st</sup> May 2020 to 28<sup>th</sup> May 2020. The later was scheduled from 17<sup>th</sup> June 2020 to 24<sup>th</sup> June 2020. These 2 students inspired the students and the college.

Its an online coding class conducted by the 4<sup>th</sup> year students in the time of lockdown. It successfully completed its first week. They organised the class in ZOOM meetings app and did their best work and research to find and learn the updated curriculum.

The first topic is Arrays and bit manipulation. Surya teja started his class by asking the students the basic questions about the arrays. The peers responded with a lot of enthusiasm. Later Mr. Surya Teja started explaining the basics of arrays by introducing few algorithms and later a lot of depth into it. Later the speaker started the bit manipulations and where lot of students learned the reality and toughness of coding. As per the reviews many students are having lots of triggering doubts in manipulations. Finally Mr.Surya Teja completed his session by providing few algorithms and tips of how to solve the questions.

**ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY AND SCIENCES  
DEPARTMENT OF CSE-ANITS CSI STUDENT BRANCH  
ONLINE TRAINING SESSIONS FOR 2ND YEAR STUDENTS**



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