Il Om Shree Manjunathaya Namaha Il

MMK & SDM MAHILA MAHA VIDYALAYA

(Affiliated to University of Mysore, Accredited by NAAC with 'B' Grade)

Krishnamurthypuram, Mysore

Vision : Empowerment of Women to face the Global Challenges

GI Talk

Girls IT Talk...

September 2024 | Department of Computer Science | Issue - 28

Prof. N. Bharathi
Principal

Faculty Editors
Smt. Nayana M.P.
Ms. Sowmya N.
Ms. Rajeshwari N.

Mrs. K.S. Sukrutha
HOD, Dept of Computer Science

Student Editors
Kum. Shambhavi N.
Kum. Pooja H.R.

EDITORIAL

Prof. N. Bharathi
Principal

I am pleased to welcome you to the latest edition of our Computer Science Department's bi-annual newsletter GI Talk. Our goal is to create a community that is curious, creative and passionate about Computer science. This Newsletter is more than just a collection of articles. It's an interactive journey that includes quizzes to test one's knowledge, puzzles to challenge problem-solving skills, Riddles to spark creativity. This edition brings the latest insights and innovations from the world of computer science, covering cutting-edge developments and emerging technologies. This issue features the latest news, trends and innovations in computer science, covering topics such as AI, machine learning, cybersecurity and more.

This newsletter is a testament to the department's efforts to engage with the broader community, showcasing the achievements of students. It provides a platform for knowledge sharing, collaboration and inspiration, all of which are essential for personal and professional growth. This edition of our magazine offers a distinctive blend of perspectives, providing readers with fresh insights into the latest developments and innovations in computer Science.I am sure that GI talk will continue to evolve and thrive, providing valuable resource for our community and a platform for sharing knowledge and ideas.

In conclusion, I appreciate the staff members whose tireless efforts, expertise and passion have made this edition a resounding success. I would like to extend my appreciation to our talented student contributors, whose thought-provoking articles and innovative ideas have made this edition truly exceptional.

Message by HOD

Mrs. K.S. Sukrutha
HOD, Dept of Computer Science

Dear Readers,

It brings me immense joy to welcome you to yet another edition of GI Talk, our departmental newsletter that serves as a evidence to the vibrancy and success of our department.

As we flip through the pages of this 28th issue, the success stories of our students in various academic and extracurricular activities, coupled with a commendable placement record, stand as a witness to the holistic development that we strive to impart. It is heartening to see our students not only excel academically but also emerge as well-rounded individuals ready to take on the challenges of the world.

A gratitude to our esteemed Management and our beloved Principal, Prof. N Bharathi, whose unwavering support and guidance have been instrumental in our success. Their visionary leadership has provided us with the impetus to scale new heights and achieve greater milestones.

Last but certainly not least, I extend my sincere appreciation to the editorial team for their tireless efforts in curating yet another informative and engaging issue of GI Talk. Their dedication and hard work are truly commendable.Wishing all the readers of the newsletter a joyful time ahead!

"**Education is the most powerful weapon you can use to change the world.**"

- Nelson Mandela

Title : Unveiling Insights: The Power and Promise of Data Analysis

In an era defined by the abundance of information, data analysis has emerged as a cornerstone for decision-making across various industries. From unraveling patterns in massive datasets to extracting actionable insights, the discipline of data analysis holds the key to unlocking the true potential of information.

1. **The Data Deluge:**

   We live in a world where data is generated at an unprecedented rate. From business transactions and social media interactions to sensor data from IoT devices, the sheer volume and variety of data present both challenges and opportunities for those skilled in the art of data analysis.

2. **The Role of Data Visualization:**

   Data analysis is not only about numbers and statistics; it's also about storytelling. Visualizations such as charts and graphs play a crucial role in making complex data accessible and understandable. They enhance communication and enable stakeholders to grasp insights more intuitively.

3. **Descriptive, Predictive, and Prescriptive Analytics:**

   Data analysis encompasses various levels of insight generation. Descriptive analytics summarizes past data, predictive analytics forecasts future trends, and prescriptive analytics provides recommendations for optimal decision-making. A holistic approach often involves a combination of these analytics types.

4. **Big Data Challenges and Solutions:**

   With the advent of Big Data, traditional data analysis methods face scalability issues. Advanced technologies like distributed computing frameworks (e.g., Hadoop, Spark) and cloud-based solutions have emerged to address the challenges posed by the sheer volume and velocity of data.

5. **Ethical Considerations in Data Analysis:**

   As data analysis becomes more pervasive, ethical considerations gain significance. Privacy concerns, bias in algorithms, and responsible data handling are essential aspects that analysts must navigate to ensure the ethical use of data.

6. **Real-World Applications:**

   Data analysis finds application in diverse fields - from healthcare and finance to marketing and sports. Predictive maintenance in manufacturing, sentiment analysis in social media, and personalized recommendations in e-commerce are just a few examples of its real-world impact.

7. **Continuous Learning and Adaptation:**

   The field of data analysis is dynamic, with evolving tools and techniques. Continuous learning is crucial for professionals to stay abreast of the latest advancements and adapt their skill sets to meet the ever-changing demands of the data landscape.

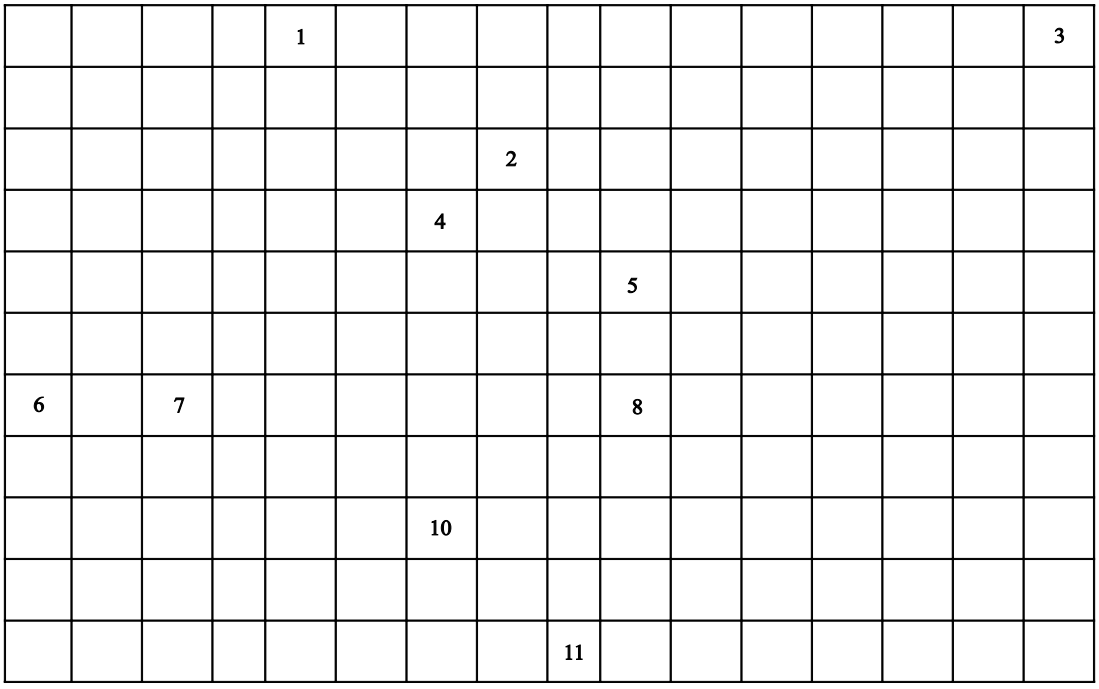
8. **The Future of Data Analysis:**

   As technology continues to advance, the future of data analysis holds exciting possibilities. Integration with artificial intelligence, enhanced natural language processing capabilities, and the democratization of data analysis tools are anticipated trends that will shape the landscape in the coming years.

In conclusion, data analysis is not merely a technical process; it's a journey of discovery that empowers individuals and organizations to make informed decisions. As we navigate the vast sea of data, the ability to analyze, interpret, and derive insights will be a defining factor in harnessing the transformative power of information.

Rishita Rajan
III B.Sc. (M.Cs)

CROSSWORD



Across

4. _____ memory is permanent storage that does not lose its data when the computer is turned off.
6. The _____ is a network of computers that connects people all over the world.
8. A _____ is a type of software that allows you to browse the internet.
10. A(n) _____ is a set of instructions that tells a computer what to do.
11. The _____ is the part of the computer that carries out instructions.

Down

1. A _____ is a device that you use to type information into a computer.
2. A _____ is a device that allows you to see information on a computer.
3. A _____ is a program that can harm your computer.
5. . To _____ is to find and fix errors in a program.
7. The _____ is the case that holds all of the computer's parts
9. _____ memory is temporary storage that loses its data when the computer is turned off.

ANSWERS
TOWER, ROM, INTERNET, BROWSER, DEBUG, PROGRAM, CPU, KEYBOARD, MONITOR, VIRUS, RAM

Kusumanjali R.
III BCA

5G AND ITS IMPACT ON IOT: ACCELERATING THE CONNECTED WORLD

The dawn of the 5G era marks a transformative leap not just for mobile telephony but for the Internet of Things (IoT) as well. As the fifth generation of wireless technology rolls out globally, it promises to unleash the full potential of IoT, driving innovation across various sectors, from smart cities and industrial automation to healthcare and beyond. This article explores how 5G's groundbreaking features will catalyze the IoT landscape, creating a more connected, efficient, and intelligent world.

Transforming IoT Applications

Smart Cities

5G will be a cornerstone in realizing the vision of smart cities. Its ability to support thousands of devices per square meter means that everything from traffic lights to utility meters can be connected, delivering real-time data to improve traffic flow, energy use, and public safety. For example, smart streetlights can adjust brightness based on pedestrian traffic, and emergency services can be automatically alerted to accidents.

Industrial Automation

In the industrial sector, 5G will enable more sophisticated and flexible automation. Factories equipped with 5G-connected sensors and machines can achieve unprecedented levels of operational efficiency and productivity. Real-time data analytics will allow for predictive maintenance, reducing downtime and saving costs. Moreover, 5G will facilitate the broader adoption of robotics and autonomous vehicles within manufacturing plants, powered by its low-latency communication.

Healthcare

The healthcare industry stands to benefit significantly from 5G-enhanced IoT applications. High-speed, reliable data transmission can revolutionize telemedicine, allowing for remote consultations, surgeries, and monitoring with minimal delays. Wearable IoT devices can transmit vital health data in real time, enabling proactive management of chronic conditions and early detection of potential health issues.

Agriculture

5G technology will also revolutionize agriculture through precision farming. Sensors can monitor soil moisture, crop health, and weather conditions, sending data back for analysis to optimize water use, pest control, and fertilization. Drones and autonomous vehicles can then carry out these tasks with pinpoint accuracy, improving yields and reducing environmental impact.

The Road Ahead

The integration of 5G and IoT is set to redefine how we live, work, and interact with the physical world, bringing about a new era of connectivity and technological possibilities. As we navigate the challenges and embrace the opportunities, the synergy between 5G and IoT will undoubtedly shape the future of our digital society, making the world smarter, more efficient, and more connected than ever before.

Prakruthi D.M.
III BSc MCs

Facts about Technology

1. The Firefox logo isn't a fox.
2. Samsung started off as a grocery store.
3. Google's First Tweet was in binary.
4. Motorola produced the first handheld mobile phone.
5. Apple were originally designing an apple shaped flip phone.
6. Over 90% if the world's currency is digital.
7. Android holds 87% of the OS market share.
8. The QWERTY keyboard was designed to slow you down.
9. The name Google was created accidentally.
10. Facebook will pay $500 if you find a bug in their code.

Varshini.k
II BCA

Funny Jokes

1. What is the biggest lie in the entire universe?
   "I have read and agree to the Terms & Conditions." ??
2. Why do programmers prefer dark mode?
   Because light attracts bugs! ????
3. Why did the web developer stay at the hotel?
   Because he heard they had great tables! ?????
4. Why did the AI break up with its neuralnetwork?
   It just couldn't find the right connection. ????
5. Why do Java developers wear glasses?
   Because they don't see sharp! ????
6. Why did the computer scientist get thrown out of school?
   Because he couldn't find his class! ??????
7. Why can't AI replace managers?
   Because it's not designed to be useless. ??
8. What if your Dad or Mom loses their car keys?
   Parent keys not found.
9. What if your old girlfriend spots you with your new girlfriend?
   Normalization error in the node. Rule contains more than one variable.
10. Why is Computer so smart?
    Because it listens to its motherboard.

Computer :
Press any button to continue
Me : Pressess Power Button
Computer

M.Varshini
II BCA

HUMAN AUGMENTATION

Human augmentation is the ability to perform actions, whether physical or mental, with the help of tools that practically integrates into our bodies -pushing the limits of our natural capabilities. Here the word "practically" has an ambiguous meaning since not every increment of this type is directly grafted onto the body. And it has not been difficult to see this human performance improvement in our daily lives.

When did human augmentation start?

One of the most classic studies on human augmentation is the article written by "Dougals Engelbart" published by the "Stanford Research institute" in "1962". The paper lays the foundations for the concept of the augmentation human intellect.

As the first computer terminals were the object of much expectations, it was natural that they opened the possibility for further discussions and, finally, the emergence. However, Engelbart delves deeper and details how human capabilities can be extended from four ways: artifacts, language, methodology, and training; and thus identifies its existence for centuries ago.

We are already experiencing an increase in our natural abilities thanks to wearable devices, such as smartwatches and smartphones. This leads to our ability to communicate "where no man has gone before." Sounds familiar?

Advantages:-

1. **Enhances Abilities** : Augmentation technologies can enhance human capabilities, such as improving physical strength, cognitive functions, sensory perception, or longevity.
2. **Medical Benefits** : augmentation can aid in medical treatments and rehabilitation by providing prosthetic limbs, sensory implants, or neural interfaces to restore lost functionality or improve quality of life for individuals with disabilities.
3. **Increased Efficiency** :-Augmented Technologies can improves productivity and efficiency various fields, such as manufacturing, logistics, and healthcare, by automating tasks or providing real-time data analysis.

Disadvantages:-

1. **Ethical Concerns** : Augmentation raises ethical questions regarding fairness, equality, and access to enhancement technologies, potentially widening the gap between augmented and non-augmented individuals.
2. **Safety Risks** : Augmentation procedures and technologies carry inherent risks, including surgical complications, device malfunctions, and long-term health consequences.
3. **Dependency** : Augmentation may foster dependency on technology, leading to a loss of self-reliance, resilience, and adaptability, as individuals be reliant on external enhancements for basic function.

Human augmentation allows millions of people a second chance to experience their lives. When we pick up our phones and ask google for the weather, it is Human Augmentation technology that is serving our purpose.Even though there are some potential risks presented by the Human Augmentation such as the Human Augmentation such as AI, we will be able to handle t if we consider carefully and make the correct choice

DEVIKA.P
II BCA

LOW-CODE DEVELOPMENT

Low-code is a visual software development approach that enables developers to create applications by minimizing traditional, intricate hand-coding processes. It creates applications with minimal manual coding, allowing developers to work more efficiently and build apps faster and easier.Low Code platforms are designed to make the process of app development more efficient. Instead of manually writing code, developers can use pre-built modules and drag-and-drop functionality to create their apps. With the rise of digital transformation, more and more businesses are looking to build software to improve their operations and services. This significantly reduces the time and effort required to build an application, allowing developers to focus on more important tasks. It also makes it possible for non-technical personnel to create and maintain applications, opening new opportunities for businesses. With low code, businesses can develop and maintain applications faster and more efficiently, which is particularly important in today's fast-paced digital world.Low code is also changing the way developers work.

With low code, developers can focus on more important tasks such as problem-solving and innovation, rather than spending hours writing and debugging code.

Benefits of low-code:-

1 Increased agility.
2 Maximized productivity.
3 Improved customer and employee experiences.
4 Increased collaboration between business and IT.
5 Quick and easy change and maintenance processes.
6 Lower barrier to entry and higher developer retention.

Best Low-Code Platform:-

1. Apps Script - Best for beginners
2. Power Apps - Best for enterprise applications
3. Salesforce Lightning - Best for Salesforce CRM integration
4. Web.com - Best for simple websites
5. Pega - Best for DevOps

In conclusion, low code is a rapidly growing trend in the software development industry that has the potential to make developers more efficient and make building apps faster and easier. However, it's important for developers to understand the limitations and suitability of Low Code platforms for different types of projects and to consider future developments. With the right approach, this can be a valuable tool for developers and businesses in the same proportion. Inaddition to these, it has started to change the way we think about app development by a considerable amount which in return makes app development more accessible.

Dheekshitha Jain M J
III BCA
Resource:-
https://medium.com / hashstudioz.com

Next-Gen Gaming:
Revolutionizing the Future of Interactive Entertainment"

Introduction:

The gaming industry is undergoing a monumental transformation with the advent of next-generation gaming technologies. From ultra-realistic graphics to immersive virtual reality experiences, the next generation of gaming promises to revolutionize how we play and interact with digital entertainment.

The Power of Next-Gen Consoles:

With the launch of consoles like the PlayStation 5 and Xbox Series X|S, gamers are experiencing a new level of power and performance. These consoles boast cutting-edge hardware, including powerful CPUs, GPUs, and lightning-fast SSDs, enabling developers to create games with unprecedented levels of detail, realism, and scale.

Virtual Reality and Immersive Experiences:

Virtual reality (VR) is reshaping the gaming landscape by transporting players into fully immersive virtual worlds. With devices like the Oculus Quest 2 and PlayStation VR, gamers can step inside their favourite games, interact with virtual environments, and experience gameplay like never before. The evolution of VR technology is unlocking new possibilities for storytelling, social interaction, and gameplay innovation.

The Future of Game Development:

As game developers harness the power of next-gen hardware and technologies, we can expect to see a wave of ground-breaking titles that push the boundaries of creativity and innovation. From sprawling

open-world adventures to cinematic storytelling experiences, the future of gaming is brimming with possibilities.

Conclusion:

Next-gen gaming is not just about pushing the limits of technology; it's about redefining how we experience and interact with digital entertainment. As we acknowledge the power of next-gen consoles, cloud gaming, virtual reality, and innovative game development, the future of gaming has never looked brighter.

Rashmi K
III B.Sc

TOPIC : FIND OUT THE WORDS

D	R	U	T	G	S	B	A	G	Q	R	F	H	U	A	S	X	W	C	P	U
F	O	G	R	T	H	J	J	M	V	F	D	E	N	R	G	F	I	C	B	N
I	N	T	F	G	T	H	L	H	V	C	D	E	I	V	Z	F	N	D	V	A
W	F	F	O	U	R	K	J	H	A	Q	R	Y	X	P	O	U	T	Y	T	R
V	C	R	Z	P	K	J	L	H	G	F	D	S	A	A	Q	W	E	E	R	Y
N	J	M	E	T	E	Y	G	B	F	S	K	Q	P	U	S	W	R	K	Y	E
M	M	B	I	N	A	R	Y	C	O	D	E	M	D	E	T	S	N	V	O	L
K	V	I	D	Y	A	S	A	H	R	E	E	D	O	G	R	O	E	S	E	O
W	H	I	L	E	V	E	D	T	A	H	A	M	E	S	E	R	T	U	O	H
A	R	E	H	K	F	A	V	I	O	U	N	R	A	T	A	N	O	A	A	M
A	L	I	D	A	T	A	N	G	A	R	A	J	U	R	M	A	N	R	I	S
H	I	L	P	A	P	P	T	M	M	B	F	D	Y	Y	S	T	A	L	U	R
I	N	F	I	N	I	T	E	U	M	Y	S	B	A	N	A	L	U	A	B	C

1) NEURAL NETWORK REQUIRED LARGE AMOUNT OF _____ TO MAKE ACCURATE DECISION
2) IN DIGITAL COMPUTER, DATA AND INSTRUCTION ARE STORED IN COMPUTER'S MEMORY USING ___
3) C++ MAKES USE OF CONVENIENT ABSTRACTION CALLED?
4) WHICH IS CALLED AS PRE-TESTED LOOPING STRUCTURE?
5) THE MEMBER OF A STRUCTURE CAN BE ACCESSED USING _____
6) _____IS USED TO TRANSFER FILES ON INTERNET EASILY AND QUICKLY
7) THE LARGEST NETWORK IN THE WORLD IS_____
8) WHAT IS THE SIZE OF INT DATA TYPE (IN BYTE) IN C?
9) TO DEVELOP WHICH OPERATOR, C LANGUAGE WAS INVENTED?
10) FOR WHICH TYPE, THE FORMAT SPECIFIER "%I " IS USED ?
11) WHAT WILL BE THE OUTPUT OF THE FOLLOWING CODE

```
#INCLUDE<STDIO.H>
#INCLUDE<CONIO.H>
VOID MAIN();
{___}
```

12) INCREMENT(++) AND DECREMENT(--) ARE THE ___OPERATOR IN C
13) HOW MANY EXPRESSION CAN BE CHECKED USING IF__ELSE IF __ELSE STATEMENT?
14) C IS ___TYPE OF PROGRAMMING LANGUAGE
15) WHAT IS THE DEFAULT , STORAGE CLASS VARIABLE?
16) A REGISTER VARIABLE IS STORED IN A REGISTER. WHERE DOES A REGISTER PRESENT IN A COMPUTER?

Answer
Data, Binary code, Streams, While, Dot operator, FTP, Internet, Four, UNIX, Int Error, Unary, Infinite, Procedural, Auto, CPU

Krithika M.
III BCA

STAFF ACCOMPLISHMENT

PUBLICATIONS

- 25/05/2024 - Smt. K. S. Sukrutha, Associate Professor, Department of Computer Science published a paper titled A STUDY ON STOCK PRICE PREDICTION USING LSTM AND RNN in the International Journal For Multidisciplinary Research.
- 19/10/2023- Smt.Jyothilakshmi G Kava published paper in IJFMR paper titled "Cloud Computing a key to Supply Chain Management: Embracing the cloud
- 8/12/2023 and 9/12/2023, Smt Nayana M P presented and published a paper on "Architecture of Biometric System using multiphase" in the proceedings of International Conference on Intelligent systems in computing & communication at Mangalore Institute of Technology & Engineering,(MITE), Moodabidri in association with Springer.
- 27/5/2024 - Ms. Bhargavi H G, Assistant Professor, Department of Computer Science. published a paper titled PREDICTING SOCIO-ECONOMIC STATUS FROM SATELLITE IMAGERY USING ML in the Journal of Emerging Technologies and Innovative Research. Co- Authors: Ms. Hamsa R, Ms. Kavitha H S, Ms. Divya S and Ms. Bhoomika G of final year BCA Students.
- 8/11/2023 -Ms. Sowmya N assistant Professor of Computer Science Department published a paper in Scopus indexed journal IEEE Xplore on the topic "Fostering a Predictive Model with Neural Networks Trading in the Forex Market using AI Technology."
- 3/5/2024 - Ms Sowmya N, Assistant Professor of Computer Science published a patent paper titled "A Robust and Interpretable Machine Learning Model for Medical Diagnosis and Method thereof" in the Patent Office Journal No. 18/2024 dated 3/5/2024
- 30/12/2023- Ms. Kavya S N, Assistant professor, department of Computer Science published a paper on "Text Classification using Ontology Graph Representation through Bag of Words", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and ISSN Approved).
- Dr Sudhamani M reviewed two conference papers submitted to 5th International Conference on Cognitive Computing and Information Processing (CCIP 2023) organized by JSS Science and Technology University to be held during 15th and 16th December 2023
- Visualization for Eye Gaze Data: A Comprehensive Review.
- Blockchain-Based Framework for Trusted Charity Fund Raising and Donation Tracking System.
- Dr Sudhamani M, Assistant Professor of Computer Science Reviewed an article of type SCI/ENG Research Article, titled "Uncertainty Modelling in Performability Prediction for Safety-critical Systems" for AJSE journal for Springer Publications.
- 30/12/2023- Dr Sudhamani M Assistant professor, department of Computer Science published a paper on "Text Classification using Ontology Graph Representation through Bag of Words", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and ISSN Approved).
- Dr Sudhamani M, Assistant professor, Department of Computer Science Published a research paper in International Journal of Novel Research Development titled "Code Clone Detection: An approach based on statement Level Features.

Workshop organized

- 12/9/2023 - 16/9/2023 - Organized five days FDP program on Palo Alto Network Security Fundamentalsin association with ICT Academy, Chennai sponsored by Palo Alto Networks as part of its CSR initiative. Mr. Siva Gopal, Technical Trainer, ICT Academy, Chennai was the resource person. No. of participants - 24

MoU Established

- 27/03/2024 - Department of Computer Science in association with IQAC had organized an Orientation Programme on Infosys Springboard. The College has established MoU with Infosys SpringBoard.. Mrs. Pruthvi Adishesha, Senior Associate, ETA Learning, Infosys, Bangalore DC inaugurated the programme and gave orientation about Infosys Springboard.

Certificate/Add on Course organized

- 26/10/2023 to 11/11/2023 - Students of III BCA are attending 120 Hrs "AWS Certified Cloud Practitioner" Certificate Course, a CSR initiative program sponsored by Cognizant Foundation initiated by ICT Academy, Chennai.
- 30/10/2023 - 32 Hrs add on Certificate Course on Python Progaramming was commenced for III B Sc Non Computer Science Students. Smt Nayana M P and Ms Bhargavi are handling the certificate course coordinated by Smt K S Sukrutha through hybrid mode. A total of 20 students successfully completed the course on 28th May 2024.

Community oriented/Extension Activities Organized

- 13/12/2023- Department of Computer Science had organized an Internet Awareness Programme for the 8th and 9th standard students of Government High School, Lakshmipuram, Mysore as part of extension activity. The Staff members of the department and a few students of final year BCA involved themselves in training the 25 school students on how to use Internet technology and its applications in various fields.
- March 2024 -Department of Computer Science had conducted an extension activity Computer Literacy Programme to the students of fifteen Government Rural School children under the guidance of staff members of the department. No. of students benefitted - 540
- 30/5/2024 - Department of Computer Science had organized a visit to CYBER VERSE , Cyber Security Lab at MYRA School of Business,Mysore for final year BCA students. They also attended session Personality and Career success by Dr K Prakash K Nair, Vice Dean and Professor of Organizational Behavior and Leadership, Myra School Business. No. of students visited - 41

Guest Lecture Programmes Organized

A total of 8 Guest Lecture Programme were organized on Cyber Security, Cloud Computing, Inauguration of Tech Amateur IT Club, Career Opportunities in Power BI, ROBOTICS, Amazon Web Services, Orientation Programme on Infosys Springboard, Career Guidance Programme by faculty members of Computer Science Department.

Alumni Faculty Programmes Organized

A total of 3 Alumni faculty Programme was organized on Cyber Security, Elements of Transport layer protocols & Introduction about TCP & UDP, Inheritance in Javaby Dept. of Computer Science Department.

Student Faculty Programmes Organized

A total of 9 Student Faculty Programme was organizes on Exception Handling in Java, Structures and Unions, 8 Components of a Strong Cyber Security Defense System, Database Management, ACID PROPERTIES AND THE TRANSACTION STATES, Fundamentals of Computers,Exceptions and Error Handling, Integrity Constraint and Aggregate Functions by Dept. of Computer Science

Inter Disciplinary Lecture Programme organized/conducted

A total of 2 Inter Disciplinary Lecture Programs was organized on Introduction to programming and MATLAB, Inter Disciplinary Lecture progrmmeby Dept. of Computer Science.

TED Lecture Programme organized

A total of 6 TED Lecture Programme was organizes on The Disappearing Computer: An Exclusive Preview of Humana's Screenless Tech, The inside story of ChatGPT's Astonishing Potential, Cyber Security, If you're not into AI, then AI is definitely into you, Machine Learning, AI and the future Education, Problem solve like a computer programmerby Dept. of Computer Science .

Student Participation and Achievement

- 4/5/2024 - Ms Deekshitha Jain M J and Ms Ananya M S of III BCA attended a University Level One Day Workshop on Hackathon organized by SBRR Mahajana's First Grade College
- 25/5/2024 - Ms. Ananya. M.S, Ms. Dheekshitha Jain M. J, Ms. Siya Bojamma T. N, Ms. Sinchana B.N of final year Semester BCA Students published a paper titled A STUDY ON STOCK PRICE PREDICTION USING LSTM AND RNN in the International Journal For Multidisciplinary Research under the guidance of Smt K S Sukrutha, Associate Professor &HoD of Computer Science.
- 27/5/2024 - Ms. Hamsa R, Ms. Kavitha H S, Ms. Divya S and Ms. Bhoomika G of final year Semester BCA Students published a paper titled PREDICTING SOCIO-ECONOMIC STATUS FROM SATELLITE IMAGERY USING ML in the Journal of Emerging Technologies and Innovative Research under the guidance of Ms. Bhargavi H G, Assistant Professor, Department of Computer Science.
- 21/3/2024- Ms.Bhramara& Team of III BCA attended intercollegiate fest at Hindustan First Grade College and participated in the event Treasure Hunt.
- 22/3/2024 - Ms.Kruthika M &Ms.Kusumanjali R of III BCA attended intercollegiate fest at Vidyavardhaka First Grade College and participated in the event Break the Query.
- 26/3/2024- Ms.Mahima M &Varshin M of II BCA attended intercollegiate fest at Sapient First Grade College and participated in the event Maze Ramble.
- 26/3/2024- Ms.Varshini K & Namratha Prasad of II BCA attended intercollegiate fest at Sapient First Grade College and participated in the event Coding & Debugging.
- 27/3/2024- Ms.Soundarya M & Chandana T of III BCA attended intercollegiate fest at Sapient First Grade College and participated in the event Trivia Treasure hunt and secured I Prize(cash prize of 3000/-)
- 26/3/2024- Ms.Soundarya M & Chandana T of III BCA attended intercollegiate fest at Sapient First Grade College and participated in the event Maze Ramble and secured II Prize(cash prize of 2000/-)
- 26/3/2024-Ms.Aishwarya N & Group attended intercollegiate fest at Sapient First Grade College and participated in the Treasure Hunt event,
- 28/3/2024- Ms.PratheekshaUrs and Kruthika M of III BCA attended intercollegiate fest at Sheshadripuram First Grade College and participated in the Coding Event.
- 28/3/2024- Ms.Bhramara& Team of III BCA attended intercollegiate fest at Sheshadripuram First Grade College and participated in the Treasure Hunt Event.
- 2/5/2024- Ms.Mahima M and Chinthana G Bhat of II BCA attended intercollegiate fest at Amritha Vidyalayam, Mysore and participated in the Brain Zee event.
- 22/7/2024 - 26/7/2024 - Students of BCA pre final year students attended Student Enablement Programme on Artificial Intelligence - Foundation and Primer Certification organized by Infosys Springboard through virtual mode.

Photo Gallery

Alumni Faculty Programme on Cyber Security by Mrs Swetha Maheshwari, Principal Consultant, ETA Unit, Infosys Ltd., Mysuru (B Sc 1998-2001 batch)

Career Guidance Programme on Career in Life Science for IT Graduates by Dr. Bibha Chaudhury, Professor, Disease Genomics, Institute of Bioinformatics and Applied

Certificate Course on Python Progaramming for III B Sc Non Computer Science Students.

Extension Activity - Internet Awareness Programme for the students of Government High School, Lakshmipuram

Inauguration of five day FDP program on Palo Alto Network Security Fundamentals

Inauguration of Tech Amateur IT Club by Dr Bharathi R K , Professor, SJCE, JSS Science and Technology University

Photo Gallery

Ms Chandana T & Ms Soundarya M of III BCA - Winners in Digital Scavenger Hunt and Runner up in Trivia Event in Inter Collegiate Fest organised by Sapient College

Career Guidance Programme on Career in Life Science for IT Graduates by Dr. Bibha Chaudhury, Professor, Disease Genomics, Institute of Bioinformatics and Applied

Release of 27th issue of GI Talk News Letter

Wall Magazine Inauguration

Extension activity - Computer Literacy Programme to the students of fifteen Government Rural School

Various Interclass IT Club Competitions

Visit to CYBER VERSE , Cyber Security Lab at MYRA School of Business

DEPARTMENT OF COMPUTER SCIENCE
CONGRATULATIONS TO ALL THE TOPPERS WHO HAVE SECURED HIGHEST MARKS IN THE UNIVERSITY EXAMINATIONS HELD DURING DECEMBER 2023 / JANUARY 2024

Ananya V.
363/400
BCA - I Sem. A

Himani B.L.
362/400
BCA - I Sem. A

Sinchana B.L.
360/400
BCA - I Sem. A

Ananya K.
362/400
BCA - I Sem. B

Chandana H.S.
352/400
BCA - I Sem. B

Harshitha K.N.
348/400
BCA - I Sem. B

Neha Mathew
379/400
BCA - III Sem.

Himashree J.
379/400
BCA - III Sem.

Sushma B.
376/400
BCA - III Sem.

Aishwarya N.
366/400
BCA - III Sem.

Soundarya M.
666/700
BCA - V Sem.

Nayana M.R.
645/700
BCA - V Sem.

Ananya M.S.
644/700
BCA - V Sem.

Bhargavi D.
146/150
B.Sc. - I Sem.

Hamsachandana U.A.
142/150
B.Sc. - I Sem.

Unnati J.
138/150
B.Sc. - I Sem.

Roopa K.
137/200
B.Sc. - III Sem.

Sanjana K.
136/200
B.Sc. - III Sem.

Bhoomika A.S.
126/200
B.Sc. - III Sem.

Kannika C.M.
373/400
B.Sc. - V Sem.

Anushree N.R.
371/400
B.Sc. - V Sem.

Rishitha Rajan
368/400
B.Sc. - V Sem.