MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

Department of Computer Science and Technology

ECHO NEWS LETTER

Volume 6, Issue 1 - AY: 2024 - 2025

About the Department

The Department of Computer Science & Technology (CST) was established in 2018 and plays a vital role in producing value-based professionals to meet the ever-challenging demands of technical excellence in emerging areas of CST. The department offers one undergraduate (UG) program with an initial intake of 60 students, which was increased to 180 seats in 2019. The Department of CST has adequate infrastructure to deliver high-quality education and is fully equipped to meet the contemporary needs of the industry. High-quality education is supported by well-qualified and experienced faculty members with rich academic and industry exposure, many of whom hold Master's or Ph.D. degrees from prestigious institutions like NITs, IITs, and Central Universities in India and abroad. The Department of CST maintains strong interactions and MoUs with leading industries for training and development in technology domains. It regularly organizes symposia, exhibitions, conferences, seminars, and workshops for students, faculty from various technical educational institutions, research scholars, and industry professionals across India. Our students have received placement offers from top MNCs such as TCS, Infosys, IBM, Tech Mahindra, Accenture, and Mindtree. The department also offers training in certification programs and encourages self-learning through platforms like NPTEL, Microsoft, Coursera, and edX. Research activities and outcomes are presented and published in national and international conferences and journals. Students can become members of professional bodies such as CSI, IEEE, ISTE, and ACM, participating in various activities through these organizations. The department is committed to encouraging students and researchers to conduct innovative research in Computer Science & Engineering, focusing on excellence and providing quality services that meet the needs of technical education, industry, and society. Students of the CST department are motivated to be innovative thinkers while maintaining a strong foundation in core Computer Science knowledge. The department is also accredited by the NBA (National Board of Accreditation) under the All India Council for Technical Education (AICTE), New Delhi.

Department Vision:

To bring forth globally competent engineers with societal consciousness, who thrive in academics and research in Computer Science & Technology.

Department Mission:

M1: To deliver technical education of the highest quality by improving the curriculum and using effective pedagogical techniques by qualified faculty.

M2: To foster interaction between Industry and academia, to improve students' abilities in research, innovation, and entrepreneurship.

M3: To prepare the students to become professionally competent and intellectually adept by imparting required Skills to mitigate the societal problems.

Program Educational Objectives (PEOs)

PEO1: Graduates will have successful career by contributing for innovation of new technologies and systems in the key domains of Computer Science & Technology.

PEO2: Graduates will be able to perform technical/ administrative roles in information technology industry / R&D sectors and pursue higher education in reputed institutions.

PEO3: Graduates will be ethically and socially responsible towards the societal development and opting a career as an entrepreneur with moral values in various domains of Computer Science & Technology.

Program Outcomes (POs)

PO1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences

PO3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

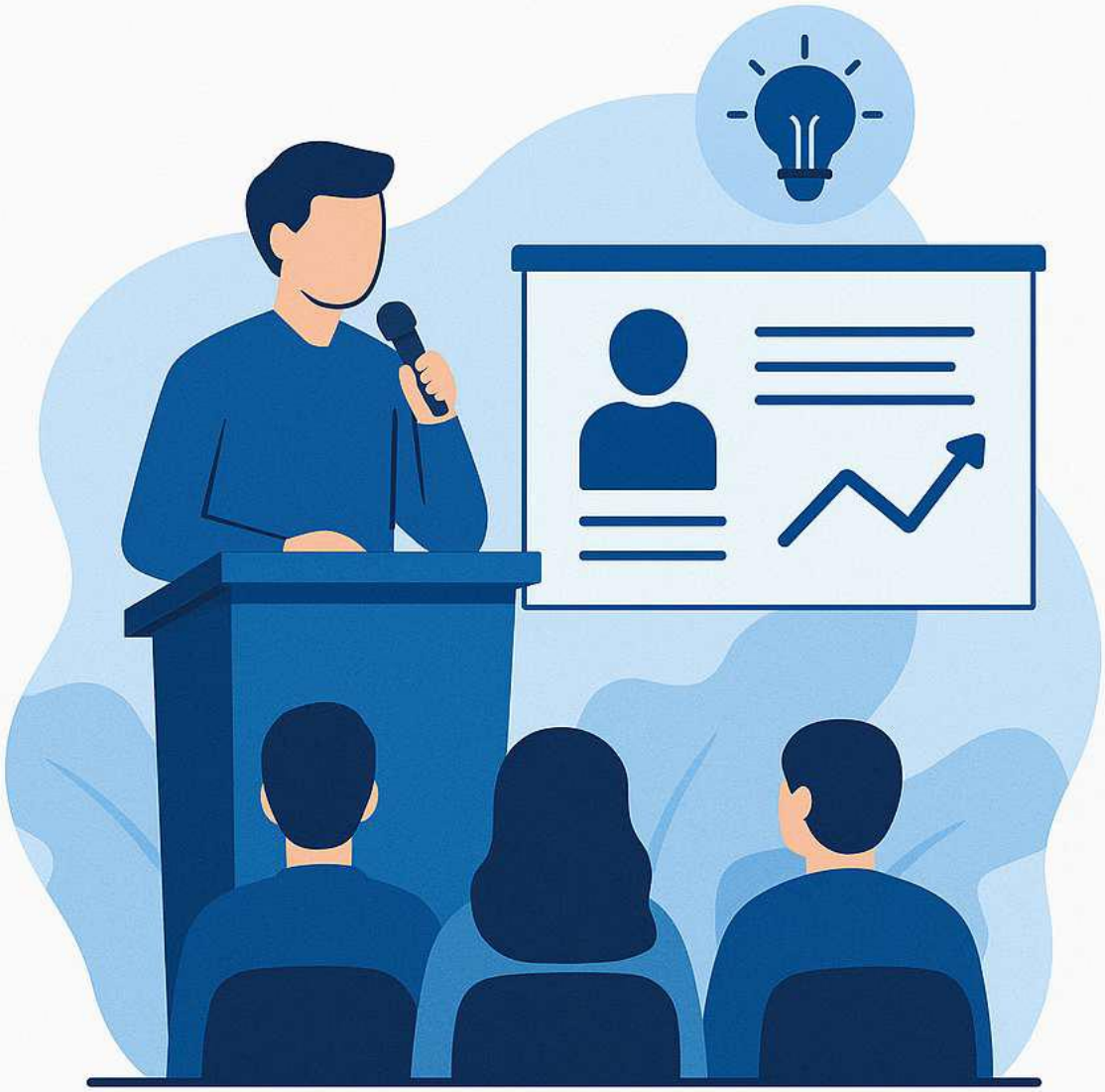
PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

PSO1: Ability to design algorithms using mathematical models and implement problems through different programming tools to solve real world problems.

PSO2: Ability to apply Software Engineering Principles & Practices in the domain of Database Management Systems, Compilers, Computer Networks, Operating Systems and allied areas, Mobile and web-based applications under realistic constraints.

PSO3: Ability to implement the principles and techniques of Artificial Intelligence and Machine Learning, IoT and Cloud Computing, Data Analytics & Security by applying them to develop intelligent systems and data-driven solutions.



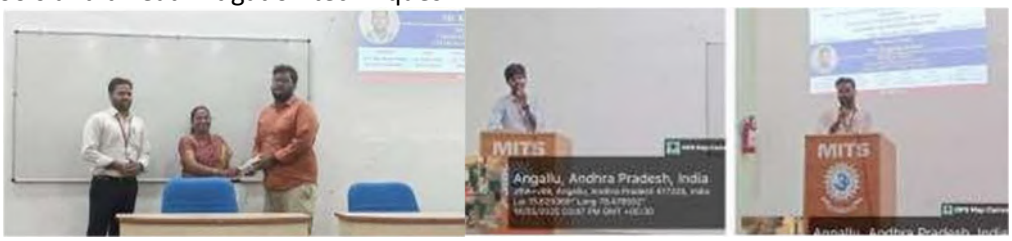
EVENTS

One-Day Hands-on Workshop on “Offense and Defence in Cybersecurity: Penetration Testing and IDS with N-Stalker and Snort”

🗓️ **Date & Time:** 14th May 2025, 10:00 AM – 4:30 PM 👥 **Participants:** 130 Students (Internal)

🎓 **Resource Person:** Mr. Kuppam Johari, MITS Alumni, Bug Bounty Hunter, Cybersecurity Educator & Developer, CEO & Founder of 4Corpus, Bengaluru

The Department of Computer Science & Technology organized a one-day workshop on Cybersecurity, focusing on both offensive and defensive security techniques. The resource person, Mr. Johari, demonstrated penetration testing using **N-Stalker** and intrusion detection using **Snort**, providing students with real-time exposure to cybersecurity tools and threat mitigation techniques.



🎯 **Outcome:**

Students gained hands-on experience in ethical hacking and intrusion detection. The session improved awareness of cybersecurity trends and motivated students to pursue careers in the cyber defense domain.

Hands-on Workshop on “Getting Started with Google Cloud”

🗓️ **Date & Time:** 10th May 2025, 9:30 AM – 4:30 PM 👥 **Participants:** 70 Students (ISTE-Registered, II Year CST)

🎓 **Resource Persons:** Mr. Madhu Midhan & Ms. Shaik Nasreen, Data Engineers, Accenture India Pvt. Ltd., Bengaluru

This one-day workshop, organized in collaboration with ISTE Student Chapter, introduced students to **Google Cloud Platform (GCP)** services such as Compute Engine, App Engine, and BigQuery. The hands-on session helped students deploy cloud applications and analyze data on Google Cloud Console.

🎯 **Outcome:**

Students developed an understanding of cloud computing fundamentals and gained practical exposure to Google Cloud services. The event encouraged participants to explore GCP certifications and cloud-based career opportunities.

One-Day National Level Technical Symposium “INVICTA 2K25”

🗓️ **Date & Time:** 16th April 2025, 9:30 AM – 4:50 PM 👥 **Participants:** Over 439 Registrations from 15 Colleges

🎓 **Chief Guest:** Ms. S. Poornima, Microsoft Azure AI MVP, Bengaluru

INVICTA 2K25 served as a dynamic platform for students to showcase innovation and technical excellence through various competitions like **Code Paradox, Startup Tycoon, Paper Presentation, and Tech Strike**. The symposium also featured a keynote address by Ms. Poornima, who discussed **AI integration with Microsoft Azure**, the importance of upskilling, and career paths in cloud technologies.

🎯 **Outcome:**
Students gained exposure to emerging technologies, teamwork, and communication skills. The event fostered collaboration, innovation, and networking among students across institutions.

Career Guidance Session on "Navigating the Path to Full-Stack Mastery: Building Your Career as a Versatile Developer"

📅 **Date & Time:** 7th March 2025, 2:00 PM – 5:00 PM 👥 **Participants:** 85 Students (III Year CST – A, B, C)

🎓 **Resource Person:** Mr. Gokul Kumar Vishwanathan, Founder & CEO, Hysteresis Pvt. Ltd., Pune

This interactive career guidance session emphasized the essential skills and technologies for becoming a proficient **Full-Stack Developer**, covering both front-end and back-end technologies like HTML, CSS, JavaScript, React.js, Node.js, and database management.

🎯 **Outcome:**
Students understood the roadmap to becoming full-stack developers, learned industry-demanded tools, and received valuable insights into career planning, portfolio building, and continuous learning.

One-Day Workshop on "Real-World Threat Analysis with KQL & Microsoft Security Tools"

📅 **Date & Time:** 14th February 2025, 10:00 AM – 5:00 PM 👥 **Participants:** 83 Students (CST)

🎓 **Resource Person:** Mr. Leela Vinod Nali, Security Operations Analyst, Infosys Ltd., Bengaluru

The workshop introduced participants to **Kusto Query Language (KQL)** and its applications in cybersecurity. Students learned to perform real-time log analysis and detect threats using **Microsoft Defender** and **Microsoft Sentinel** tools.

🎯 **Outcome:**
Students developed foundational skills in KQL, cybersecurity analytics, and Microsoft Security operations. The session enhanced their capability to analyze cyber threats and respond effectively.

Guest Lecture on "Beyond AI: Unlocking the Power of EI for Future Technocrats"

📅 **Date & Time:** 13th February 2025, 3:00 PM – 5:00 PM 👥 **Participants:** 90 Students (CST)

🎓 **Resource Person:** Dr. Sripada Ramakrishna, Professor in Management Studies & Psychologist, BVCEC, AP

This lecture focused on the significance of **Emotional Intelligence (EI)** for engineering students. The resource person explained how empathy, self-awareness, and communication skills contribute to personal and professional growth, complementing technical knowledge.

🎯 **Outcome:**
Students learned the importance of emotional intelligence in leadership, teamwork, and stress management. The talk encouraged holistic development for future technocrats.

Industrial Visit to "Microsoft Bangalore"

📅 **Date & Time:** 25th January 2025, 10:00 AM – 1:30 PM 👥 **Participants:** 35 Students (III Year CST)

🎓 **Resource Persons:** Microsoft Professionals – Poornimma S (MVP), Kishore Krishna (Architect), Pruthvi S, Keerthana H.S, Yatharth Chauhan

The Department organized an industrial visit to **Microsoft, Bengaluru**, in collaboration with **EduTantr & IIIC**. Students attended expert-led sessions on **Azure AI, Cloud Data, and Microsoft Learn Student Ambassador (MLSA) program**.

🎯 **Outcome:**
Students gained exposure to real-world applications of AI and cloud technologies, learned about career pathways, and interacted with Microsoft professionals, building valuable industry connections.**)**

One-Week Industrial Expert Training Program on "Mastering Competitive Coding in Python"

🗓️ **Dates:** 30th December 2024 – 5th January 2025 👥 **Participants:** 90 IV-Year CST Students

🎓 **Resource Person:** Mr. Gokul Kumar V, Founder & CEO, Hysteresis Pvt. Ltd., Pune

The Department of Computer Science & Technology organized a comprehensive one-week industrial expert training program to strengthen students' problem-solving and programming proficiency using Python. Mr. Gokul Kumar guided students through real-time problem solving, data structures, algorithms, and competitive programming challenges. Daily sessions combined conceptual explanations with live coding demonstrations and mock contests.

🎯 **Outcome:**
Students enhanced their coding confidence, strengthened their foundation in data structures and algorithms, and became better prepared for technical interviews and coding competitions.

One-Day Workshop on "Virtual Reality: Digital Twin Technology" and MoU Signing Ceremony

🗓️ **Date:** 21st January 2025, 11:00 AM – 5:00 PM 👥 **Participants:** Around 100 Students (CST)

🎓 **Resource Persons:** Mr. Venu Srinivas, Mr. B. Deepak Kumar and Mr. E. Vinoth (VDT Edu Tantr Ventures Pvt. Ltd., Bengaluru)

This workshop introduced students to **Virtual Reality and Digital Twin technologies**, focusing on 3D modeling, prototyping, and immersive visualization using industry-standard tools such as Blender 3D and Oculus. The event also featured a **five-year MoU signing** between MITS and VDT Edu Tantr Ventures Pvt. Ltd. to promote collaborative programs, internships, and certification courses.

🎯 **Outcome:**
Students learned the basics of 3D modeling and VR content creation, understood industrial applications of Digital Twin technology, and gained awareness of new-age career opportunities in VR and AR industries.

Alumni Interaction on "Creative Corner: Alumni Stories, Insights and Achievements"

🗓️ **Date:** 7th December 2024, 10:00 AM – 12:10 PM 👥 **Participants:** 70 Students (II Year CST)

🎓 **Resource Person:** Mr. C. Akhil Kumar, Software Engineer, Knowledge Lens, Bengaluru

The Department conducted an inspiring alumni interaction session where Mr. C. Akhil Kumar shared his journey from campus to corporate life, discussing interview preparation, resume building, and industry expectations. Students actively interacted with him, gaining valuable insights on career readiness and employability skills.

🎯 **Outcome:**
The session motivated students to start career planning early, enhanced their awareness of corporate culture, and strengthened alumni–student engagement for mentorship and guidance.

Seminar on "Intellectual Property Rights (IPR)"

🗓️ **Date:** 26th November 2024, 9:30 AM – 12:30 PM 👥 **Participants:** 60 Students (IV Year CST)

🎓 **Resource Person:** Mr. P. Lakshmiramana, Assistant Professor, Department of CST, MITS

This seminar introduced students to the concepts and significance of **Intellectual Property Rights**, including patents, copyrights, and trademarks. The session explained patenting procedures and ethical considerations in innovation, emphasizing how students can protect their final-year project ideas as intellectual property.

🎯 **Outcome:**
Students developed an understanding of IPR concepts, recognized the need for protecting innovations, and became aware of patent and copyright registration processes.

Online Workshop on "Bridging Knowledge and Impact through Research to Shape Tomorrow"

🗓️ **Date:** 19th November 2024, 1:30 PM – 3:30 PM 👥 **Participants:** Students & Faculty (Tech Club Members under SAC)

🎓 **Resource Person:** Dr. R. Rajakumar, Associate Professor, VIT Chennai (IEEE Member, Researcher & Author)

The Tech Club under SAC, in association with the Department of CST, organized an online workshop to encourage research mindset among students. Dr. Rajakumar discussed research methodologies, problem formulation, and ethical practices through real-world examples and case studies.

🎯 **Outcome:**
Participants learned how to initiate and sustain research projects, understood publication ethics, and gained motivation to explore research as a career path.

Online Guest Lecture on "Deep Learning Techniques for Data Mining and Predictive Maintenance"

🗓️ **Date:** 3rd August 2024 (Saturday) | 🕒 **Time:** 10:00 AM – 12:00 PM 👥 **Participants:** 175 Students (III Year CST)

🎓 **Resource Person:** Dr. A. Gayathri, Professor, Saveetha School of Engineering, Saveetha University, Chennai

The Department of Computer Science & Technology, in association with IEEE, IIIC, and IIC–MITS, conducted an online guest lecture focusing on **deep learning applications in data mining and predictive maintenance**. The session emphasized how AI techniques can optimize industrial maintenance by predicting equipment failures.

🎯 **Outcome:**
Students gained understanding of data warehousing, mining techniques, and the role of deep learning in predictive analytics, gaining practical insights into real-world data engineering applications.

Alumni Guest Lecture on "Navigating Your Career Path: Strategies for Success"

🗓️ **Date:** 8th August 2024 | 🕒 **Time:** 11:00 AM – 1:00 PM 👥 **Participants:** 75 Students (II Year CST)

🎓 **Resource Person:** Ms. C. Jaya Deepika, Software Engineer, Tech Mahindra, Bengaluru

The lecture aimed to bridge the gap between academia and industry by sharing insights into the **career journey and interview preparation** process. The resource person explained aptitude, technical, and HR rounds, and offered strategies for communication, networking, and skill-building.

🎯 **Outcome:**
Students learned about **placement preparation**, industry expectations, and how to align their career goals with personal strengths. The session boosted motivation and improved awareness of industry trends.

Guest Lecture on "Empower Yourself as a Computer Science Entrepreneur"

🗓️ **Date:** 20th August 2024 | 🕒 **Time:** 10:30 AM – 12:30 PM 👥 **Participants:** 129 Students (III Year CST)

🎓 **Resource Person:** Dr. R. I. Rajidap Neshtar, Founder & Coach, IBBO – The Business Club, India

Organized in association with IIC–MITS, this lecture focused on **entrepreneurship opportunities in computer science**. The session detailed the process of starting a technology-based venture, from ideation and market research to team-building and funding.

🎯 **Outcome:**
Students understood the **process of starting a tech company**, identifying market gaps, and managing innovation. The talk encouraged participants to explore entrepreneurship as a career option.

Guest Lecture on “Design Thinking – Path Way”

📅 **Date:** 20th August 2024 | 🕒 **Time:** 1:00 PM – 3:00 PM 👥 **Participants:** 120 Students (II & III Year CST)

🎓 **Resource Person:** Mr. Arjun Chakravarthy, Assistant Professor, Dept. of ECE, Design Thinking Studio Coordinator, MITS

The session introduced **Design Thinking methodology** for innovation. Mr. Arjun explained the four key phases—Clarify, Ideate, Develop, and Implement—encouraging user-centric and creative problem-solving.

🎯 **Outcome:**

Students gained awareness about **solution-oriented thinking** and innovation frameworks, useful for project development and real-world applications.

Departmental Level Hackathon

📅 **Date:** 29th August 2024 | 🕒 **Time:** 2:00 PM – 5:00 PM 👥 **Participants:** 20 Teams (CST Students)

🎓 **Coordinators:** Dr. K. Dinesh, Dr. Jansi, and Faculty Panel

A departmental hackathon was held under the Institution’s Innovation Council to encourage innovation and teamwork. Students developed prototype solutions for real-world problems aligned with Smart India Hackathon (SIH) themes.

🎯 **Outcome:**

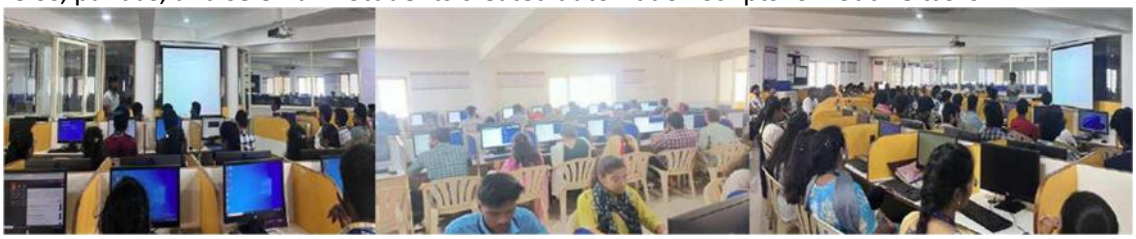
Students improved their **technical, problem-solving, and teamwork skills**. Twelve teams were shortlisted for the college-level hackathon, marking a successful innovation initiative.

Alumni Hands-on Workshop on “Python Fundamentals for Automation: From Scripts to Solutions”

📅 **Date:** 14th September 2024 | 🕒 **Time:** 9:30 AM – 4:00 PM 👥 **Participants:** 190 Students (III Year CST)

🎓 **Resource Persons:** Mr. T. Madhu Midhan & Ms. Shaik Nasreen, Data Engineers, Accenture, Bengaluru

This practical workshop provided an in-depth introduction to **Python programming for automation**, including libraries like os, pandas, and selenium. Students created automation scripts for routine tasks.



🎯 **Outcome:**

Students gained **hands-on programming experience**, learned debugging and best coding practices, and understood the role of Python in automation and analytics.

Workshop on “Career Craft: Unlocking Placement Success”

📅 **Date:** 19th September 2024 | 🕒 **Time:** 9:30 AM – 4:00 PM 👥 **Participants:** 78 Final Year Students

🎓 **Resource Person:** Mr. Setty Raja Sekhar, Product Module Lead, Idexcel Technologies Pvt. Ltd., Bengaluru

A one-day placement training workshop that focused on **interview skills, software lifecycle, and career readiness**. The session explained programming fundamentals, Java concepts, and HR interview etiquette.

🎯 **Outcome:**

Students gained confidence in **placement preparation**, improved technical interview skills, and learned to translate academic knowledge into professional application.

Guest Lecture on “Cyber Security by Design”

📅 **Date:** 27th September 2024 | 🕒 **Time:** 2:00 PM – 4:00 PM 👥 **Participants:** 130 Students (CST, CSE, AI, ML Branches)

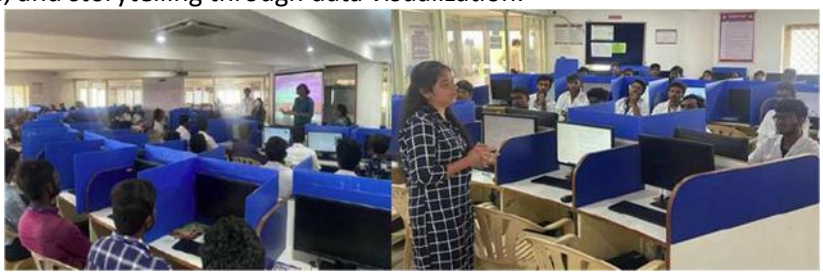
🎓 **Resource Person:** Mr. M. Abhiram Sharma, Manager – Cyber Security, Deloitte India Pvt. Ltd., Bengaluru
This talk, organized with the ACM Student Chapter, focused on **secure software design principles** and the importance of integrating security into SDLC phases.

🎯 **Outcome:**
Students learned about **Secure SDLC frameworks**, compliance audits, and cybersecurity career pathways, gaining real-world insight into corporate security practices.

Alumni Guest Lecture on “The Art of Data: Visualizing and Analyzing with SQL and Business Intelligence”

📅 **Date:** 23rd October 2024 | 🕒 **Time:** 2:00 PM – 4:00 PM 👥 **Participants:** 110 Students (III Year CST)

🎓 **Resource Person:** Ms. K. Poojitha Reddy, Software Engineer, JLL Technologies, Bengaluru
The session focused on **data analytics and visualization using SQL and BI tools**. Students were introduced to real-world dashboards, KPIs, and storytelling through data visualization.

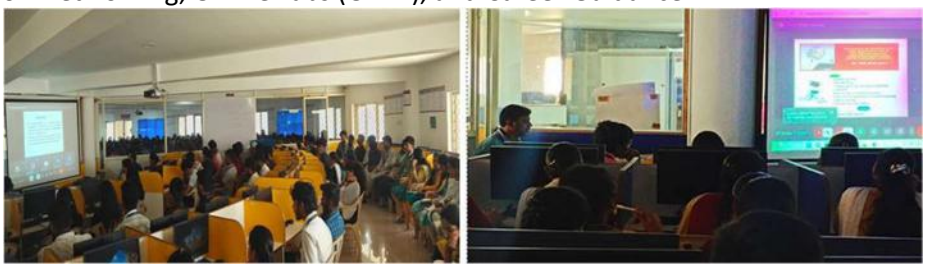


🎯 **Outcome:**
Participants learned **data analysis techniques** using SQL and BI, understood database systems, and explored career opportunities in data-driven industries.

Community Outreach Program for ATL Schools: “Empowering the Next Generation through Computer Science and Career Guidance”

📅 **Date:** 23rd October 2024 | 🕒 **Time:** 10:30 AM – 1:00 PM 👥 **Participants:** 220 School Students (Dr. B.R. Ambedkar Gurukulam School, Burakayalakota)

🎓 **Coordinators:** Dr. K. Giridhar & Dr. S. Jansi, Department of CST
As part of the **social outreach initiative**, students from III CST visited an ATL (Atal Tinkering Lab) School to conduct hands-on sessions on Networking, Online Labs (OLAB), and Career Guidance.



🎯 **Outcome:**
School students learned **computer and networking basics**, online safety, and career opportunities in science and technology. The event inspired young learners to pursue STEM education.

RESEARCH PUBLICATION

(AY 24-25)

DEPARTEMENT OF Computer Science and Technology

S.No.	Name of the Faculty	Title of the Publication
1	Mr. P. Lakshmiramana	Secuyolo: Secure Object Detection Framework With Darknet-53 and CBAM in Edge Devices
		Integrated Internet Architecture and Protocol Framework for Peer-to-peer File Sharing in the Internet of Everything (IoE)
		Forensic Eye: Convolutional Neural Network-based Crime Scene Object Detection System
2	Dr. Basabi Chakraborty	Quantum computing and quantum-inspired techniques for feature subset selection: a review
		Generative AI in Financial Mathematics Problem-Solving: Integration of Linguistic and Symbolic Processing Functions
3	Dr. R. Manikandan	An Insightful Approach to Cardiomegaly through CNN and Feature Mapping
		Enhancing Network Security Through Intrusion Detection Utilizing the BAT-MC Model
		Improving Satellite Imagery using Artificial Intelligence
4	Mr. M. Shankar	Enhancing Medical Image Security: A Deep Learning Approach with Cloud-based Color Space Scrambling
		A comprehensive evaluation of machine learning algorithms for precise energy consumption forecasting in smart homes
		Transforming healthcare delivery: A framework for remote monitoring and predictive analysis through AI and IoT technologies
5	Mr. Abdul Jaleel D	Enhancing brain tumour classification and detection using CNN
		Optimizing data processing in big data systems using hybrid machine learning techniques
		Unified Security Framework for Cloud Applications with IoT Fusion via Decentralized Blockchain
		Temporal Threat Recognition in Supply Chains: Integrating Hidden Markov Models for Proactive Security with AI-Driven Automated Threat Hunting
		Wearable Sensor-Based Machine Learning in Gait Pattern Analysis for Fall Prediction Systems: An Investigative Research Study
6	Mr. Y. Ravi Raju	Wearable Devices and Health Monitoring: Big Data and AI for Remote Patient Care
		Disease Biomarker Discovery with Big Data Analysis
		A MACHINE LEARNING APPROACH IN COMMUNICATION 5G-6G NETWORK
		Integrating the Internet of Things to Protect Electric Vehicle Control Systems from Cyber Attacks
		A machine learning-based approach for detecting communication failures in internet of things networks
7	Mr. N. Saikiran	NavigAId: A Deep Learning Framework for Real-Time Traffic Sign Interpretation with Multi-Sensor Fusion
		Early knee osteoarthritis classification using distributed explainable convolutional neural network with local interpretable model-agnostic explanations
		Advanced Anomaly Detection in Cloud Security Using Gini Impurity and ML
		Innovative Integration of Deep Learning and Neural Networks in Heart Disease Prediction
		Automating the Detection of Road Damage via the Use of UAV-Captured Images and the YOLO

		Cardio-Detect: A Hybrid ML-DL Technique for Identifying Cardiovascular Diseases in ECG Images
8	Dr. Koppisetti Giridhar	Block-chain Enabled Strategies for Efficient Power Loss Management in Distribution Networks
		Cloud computing environment based hierarchical anomaly intrusion detection system using artificial neural network
9	Mr. Firoze khan Pathan	Empowering Human Expertise in Multi-objective Optimization with Artificial Immune System
		Deep Learning Approaches for Solving Challenges in Computer Vision Applications and Exploring Evolving Patterns
		Leveraging an Ensemble Time Series Rainfall Forecasting System by Employing Neural Prophet and BiLSTM with Attention
		Campus Placement Prediction using Facebook Prophet and eXtreme Gradient Boost Algorithm
10	P. JayaSelvi	Transformers-Based Multimodal Deep Learning for Real-Time Disaster Forecasting and Adaptive Climate Resilience Strategies
11	K.Bhanu Rajesh Naidu	Malware Classification Using Genetic Algorithm Based Feature Selection and Machine Learning Techniques
12	Dr. N. Praveena	Impact of Random Forest and XGBoost Algorithms on Improving Patient Outcomes Compared to Standard Decision-Making Methods in Healthcare Predictive Analytics
13	Mr. Suresh D	An Empirical Approach of Developing Domain Based Ontology in the Field of Bioinformatics
		Improving Question Answering Systems Using Knowledge Graph Integration and NLP Techniques
		Integrating Artificial Intelligence with Cloud Platforms to Optimize Performance, Scalability, and Reliability in Distributed Computing Systems
14	Mr. Junnubabu Noorbhasha	Innovative Computational Intelligence Frameworks for Complex Problem Solving and Optimization
		Semantic Threads Enabling Image-Text Retrieval via VQA Transformers
		Advancements in Forest Fire Prediction: Techniques and Technologies
15	N. Mageshkumar	Enhancing Network Security Through Intrusion Detection Utilizing the BAT-MC Model
		Cognitive Large Language Model in Social Media with Local Memory
		Machine Learning-powered Job Offer Verification
		A Decision Tree Model-Based Classification of Abnormal Red Blood Cells
16	Mr. V. Naveen	An Innovative Method of Developing BI-LSTM and KNN Algorithms for Disintegrating Sentiments Through Reviews
		Exploring Zero-Shot Learning in Natural Language Processing for Cross-Domain Applications
17	Ms. Lakshmi B	Object Detection using Unmanned Aerial Vehicles: Challenges and Opportunities
18	B. Mythili (Student)	An Insightful Approach to Cardiomegaly through CNN and Feature Mapping
19	R. Pushyaraga (Student)	
20	M. Karthik Reddy (Student)	
21	B. Mallikarjun Reddy (Student)	
22	D. Supritha (Student)	Enhancing Network Security Through Intrusion Detection Utilizing the BAT-MC Model

23	C. Tharunkumar (Student)	
24	Sowmya Sree (Student)	
25	K Yogeswar Reddy (Student)	Advanced Anomaly Detection in Cloud Security Using Gini Impurity and ML
26	C Pavaneswara Reddy (Student)	
27	S Karthik (Student)	
28	S Indu (Student)	Innovative Integration of Deep Learning and Neural Networks in Heart Disease Prediction
29	N Naveen Kumar Reddy (Student)	
30	G Jashnavi (Student)	
31	K Praveen Kumar (Student)	
32	Syed Mohaseena Tabassum (Student)	Cardio-Detect: A Hybrid ML-DL Technique for Identifying Cardiovascular Diseases in ECG Images
33	Nadipannagari Lokesh Reddy (Student)	
34	Marripati Navatha (Student)	
35	Gali Priyanka (Student)	
36	Shaik Samiulla (Student)	Exploring Zero-Shot Learning in Natural Language Processing for Cross-Domain Applications
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38	Bukkya Venkataramana Naik (Student)	
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42	B. Gangadhar (Student)	
43	Mohammad Roshan Zameer (Student)	
44	Rohitha Guddeti (Student)	Semantic Threads Enabling Image-Text Retrieval via VQA Transformers
45	Satvika Lingutla (Student)	

46	Sujitha Etikikota (Student)	
47	Santhosh Kumkumkari (Student)	
48	C. Manoj Reddy (Student)	Improving Question Answering Systems Using Knowledge Graph Integration and NLP Techniques
49	A. Lakshmi Thanuja (Student)	
50	C M Mansha Firdose (Student)	
51	N. Manoj Kumar (Student)	
52	B.L. Vennala (Student)	Integrating Artificial Intelligence with Cloud Platforms to Optimize Performance, Scalability, and Reliability in Distributed Computing Systems
53	P. Samiya (Student)	
54	M. Suresh (Student)	
55	B. Vamsi (Student)	

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