



**RAJADHANI INSTITUTE OF  
ENGINEERING AND TECHNOLOGY**

Approved by the AICTE & Affiliated to the APJ Abdul Kalam Technological University.



# **COGNITIO**

STORIES IN SYNTAX

2023-24

*Department of  
Computer Science  
&  
Engineering*



# LET,S PRAY

Oh Lord

Lead me to light

I pray not for ease and comfort

Let me stand up in the storm

Let me show compassion to those who fail

Build me as one, whose heart will be clear whose

goals will be high One, who will master herself

Before mastering others

One, who will learn to laugh Yet not forget

how to weep

One, who will aspire after the future

Yet not forget the past

## **VISION OF THE INSTITUTE:**

Groom the Youth as Innovative, Creative and Empathetic Technologists, Hospitality Professionals, Managers and Entrepreneurs for Social Transformation

## **Mission of the Institute:**

**M1:** To encourage holistic development of students with well-balanced curricular, co-curricular and extra-curricular activities.

**M2:** To promote ethical and value-oriented teaching, research and consultancy among faculty and students for social transformation.

**M3:** To interact with industrial organizations, governmental agencies, and engineering, hospitality and business enterprises for collaborative learning

## **Vision of the department**

To be a premier department nurturing students to be strong in core and interdisciplinary knowledge, employable skills, industrially competent, innovative and creative professionals with ethical values

## **Mission of the Department**

M1: To develop competency in Computer Science & Engineering through outcome based education

M2: To imbibe the culture of creativity and critical thinking to enhance research and innovations in advanced computing technology.

M3: To enhance leadership, problem solving and entrepreneurial skills to transform social responsibilities with ethical values

## **Program Educational Objectives (PEOs)**

PEO1: Exhibit knowledge and proficiency in various domains of Computer Science & Engineering.

PEO2: Develop innovative computing products for reconcile contemporary issues in industry.

PEO3: Demonstrate team work, ethical leadership and promote entrepreneurship

## **PROGRAM SPECIFIC OUTCOMES (PSOS):**

### **PSO 1:**

Able to analyze and design solutions for complex problems in computing technologies using software project management concepts and programming languages.

### **PSO 2:**

Develop proficiency in interdisciplinary areas of computer engineering to perform tasks related to industry & research

### **PSO 3:**

Competent to solve real world problems pertaining to products and services in Information Technology.

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# About RIET

Engineering and Technology are demystified at RIET through a scientific approach to teaching and learning. Here, traditional concepts are reimagined, new ideas are explored, and possibilities are expanded in an environment of innovation that prevails across the institute.

You just have to walk in to experience the spirit of scientific temperament on campus. There are eleven departments, each emphasizing instruction and research. State-of-the-art laboratories, furnished with the latest equipment and supported by experienced faculty, ensure an enriching learning culture.

The curriculum is well supported by value-added short-term certifications offered in collaboration with industry to meet global standards in technology education. The pristine and natural surroundings of the campus provide an ideal setting for both learning and leisure. At RIET, serene nature blends seamlessly with technology. The institute maintains a strong orientation towards research and development (R&D), aligned with national and international standards of excellence.

The Centre for Research and Development undertakes projects in the areas of Civil, Mechanical, Electronics & Communication, and Computer Science Engineering, in collaboration with national and international research and R&D laboratories.

RIET, in partnership with Technopark, Government of Kerala, has established a Technology Incubation Centre to foster a culture of entrepreneurship and creativity among students. Other centres include the Innovation Lab, Centre for Alternative Technologies for Rural Development, and Industry-Sponsored Research Centre.

The vision of RIET is to groom and empower a new generation of technologists and innovators with a lifelong passion for learning and achievement. The institute strives to shape responsible citizens with sensitivity, empathy, and compassion for society, thereby contributing to a better tomorrow through education.

# About CSE

The Department of Computer Science & Engineering at Rajadhani Institute of Engineering & Technology (RIET) was established in 2009 with the vision of providing high-quality education and training in the rapidly evolving fields of computer science and technology. The department initially began with an intake capacity of 60 students and has since expanded to meet the growing demand for skilled professionals in the tech industry.

The department's growth in both academic offerings and student intake reflects its dedication to preparing students for the challenges and opportunities in the ever-changing landscape of computer science and technology.

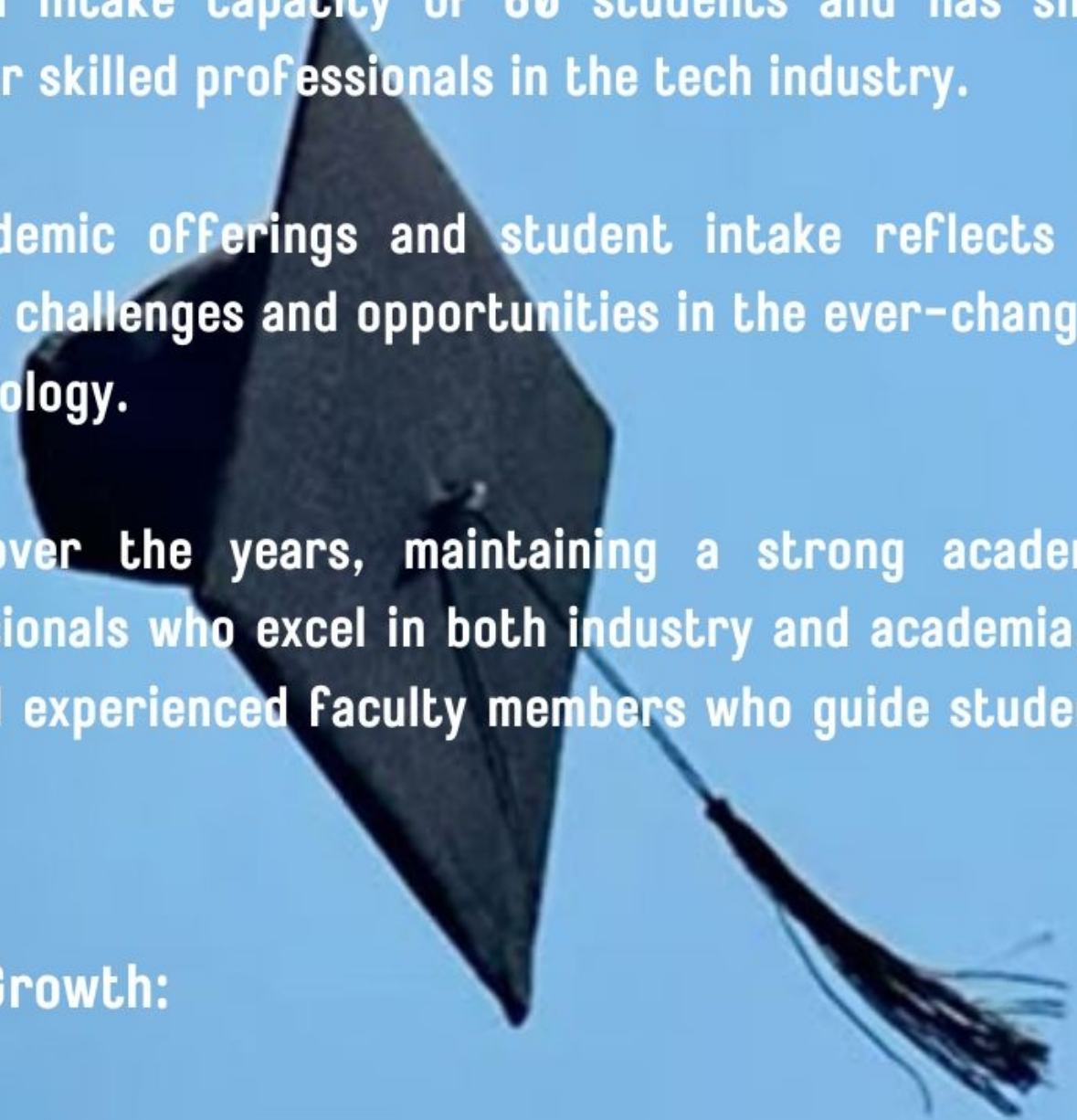
The department has grown steadily over the years, maintaining a strong academic reputation and producing skilled professionals who excel in both industry and academia. It is supported by dedicated, qualified, and experienced faculty members who guide students in their academic journey.

## Key Milestones in the Department's Growth:

**2009:** Establishment of the Computer Science & Engineering department.

**2020:** Introduction of the Cyber Security program, with an intake capacity of 60 students. This program was designed to address the increasing need for experts in protecting digital systems and data from cyber threats.

**2023:** Launch of the Artificial Intelligence & Machine Learning (AI & ML) program, with an intake of 60 students. This program aims to equip students with the knowledge and skills required in cutting-edge areas such as AI, ML, and Data Science.





## The Golden Words

**I appreciate the sincere efforts made by the faculty members and students of the Department of Computer Science in RIET for publishing a technological Magazine "COGNITIO" in connection with the "ITIHA 2K24". The hard work and dedication of the whole computer science community and especially that by the organizing committee members is highly appreciable.**

**I wish all success to "COGNITIO".**

**Dr. Biju Ramesh  
Chairman**

# Director's Message



IT IS A GREAT JOY TO KNOW THAT OUR COMPUTER SCIENCE DEPARTMENT IS PUBLISHING A SOUVENIR 'COGNITIO'. IT WILL BE A FORUM FOR THE STUDENTS TO SHOWCASE AND ENHANCE THEIR TECHNICAL SKILLS AND AN OPPORTUNITY FOR THEIR SELF-DEVELOPMENT AT A TIME THE COUNTRY IS MARCHING AHEAD IN THE GROWTH. BESIDES, THE HARD WORK PUT IN FOR PUTTING TOGETHER SUCH A REMARKABLE MAGAZINE IS ADMIRABLE.

I ALSO WISH THAT, THE DEPARTMENT CONTINUE THEIR EFFORTS TO BRING OUT INNOVATIVE SKILLS OF NOT JUST THE STUDENTS OF RIET, BUT THAT OF THE END OF THE NATION.

I CONGRATULATE THE ORGANIZERS AND WISH THE MAGAZINE A GRAND SUCCESS.

**MEGHA BIJU RAMESH**  
**DIRECTOR**

message from

# The Head

of the Department



I am very much happy to inform that our pride rests in the yearly magazine "Cognitio", which highlights the academic and non-academic activities of students of our department. Every semester incorporates all the curricular and extra-curricular activities of the department.

**It is great** to find a considerable number of articles, poems and drawings that certainly prove that our staff and students are adequately equipped and possess necessary skill sets to express their talent.

Reading this magazine would definitely be an inspiration and motivation for all students to contribute even more to the forthcoming issues. I hope that everyone would continue to give their full efforts to keep the momentum and continue to enhance the standards of the magazine.

**Dr Sangeetha Shibu**  
Head of Department  
Computer Science & Engineering

# MESSAGE FROM THE THE STAFF EDITOR

**DEAR STUDENTS,**



IT GIVES ME GREAT PRIDE TO PRESENT TO YOU THE DEPARTMENTAL MAGAZINE "COGNITIO." IT IS TRULY ENCOURAGING TO SEE THAT STUDENTS HAVE UTILIZED THIS OPPORTUNITY TO SHOWCASE THEIR LITERARY TALENT.

COGNITIO IS NOT ONLY A LITERARY OUTLET BUT ALSO A MEANS TO CAPTURE AND COMMEMORATE THE EXCITEMENT WE HAVE EXPERIENCED AT RIET, AS PART OF THE ACTIVITIES OF OUR DEPARTMENTAL ASSOCIATION, ASCI (ASSOCIATION OF SOPHISTICATED COMPUTER INTELLECTUALS), THROUGHOUT THE YEAR.

ON BEHALF OF ITIHA 2024, I EXPRESS MY DEEPEST GRATITUDE TO EVERY INDIVIDUAL WHO MENTORED US THROUGHOUT THIS WONDERFUL JOURNEY. I WOULD ALSO LIKE TO THANK MY ENTHUSIASTIC EDITORIAL TEAM, WHO WORKED DILIGENTLY TO ENSURE THAT "COGNITIO" BECAME A REALITY.

WE HOPE THAT YOU, OUR READERS, HAVE A DELIGHTFUL EXPERIENCE WHILE GOING THROUGH EVERY PAGE AND THAT YOU APPRECIATE IT. YOUR VALUABLE FEEDBACK WOULD BE GREATLY APPRECIATED.

MR. JINU RAJ R  
ASST PROFESSOR  
COMPUTER SCIENCE AND ENGINEERING

# Behind the Magazine



**Mr. Jinu Raj R**  
**Staff Editor**



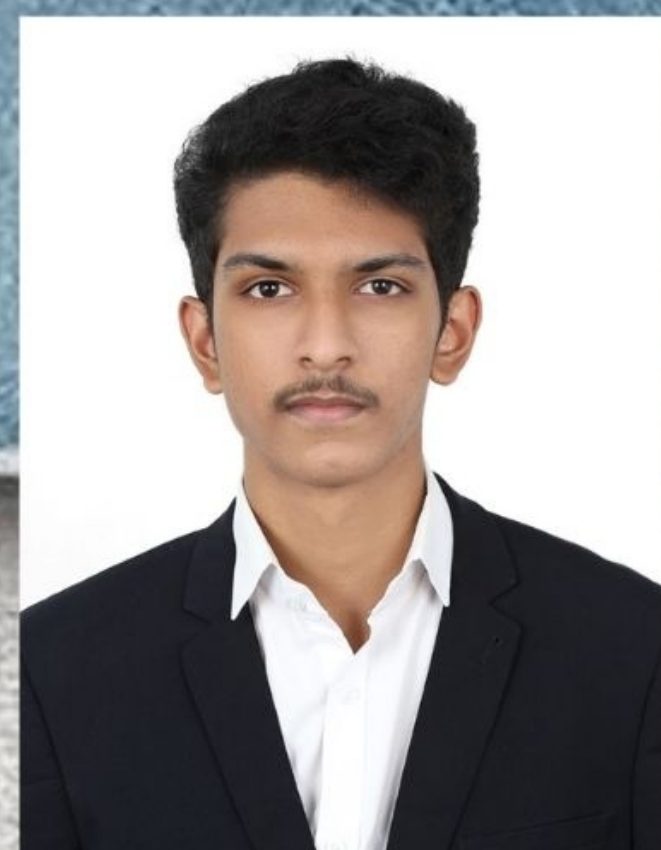
**Nimmi Abdul Nazir**  
**S6 CSE**



**Akhil Santhosh**  
**S6 CSE**



**Aiswarya J Nair**  
**S6 CSE**



**Zayed Savad**  
**S6 CSE**



## Dr. Sunil S P

Director of Operations Alibi Global Pvt. Ltd  
Former Joint Director

Dr. Sunil S P stands as a distinguished leader in forensic science and operational management, bringing decades of expertise to Alibi Global Pvt. Ltd. Currently serving as Director of Operations, his professional journey reflects a commitment to excellence in both scientific investigation and organizational leadership.



# Role of digital evidence on crime investigation

The Department of Rajadhani Institute of Engineering and Technology (RIET) organized a special inspirational session titled "Role of Digital Evidence on Crime Investigation" featuring distinguished speakers who shared their expertise with students. The resource persons for the session included Dr. Sunil S P, Director of Operations at Alibi Global Pvt. Ltd. and Former Joint Director of the Forensic Science Laboratory Trivandrum, and Prof. Sangeetha Shibu, Head of the Computer Science Department at RIET.

The session aimed at equipping students with critical insights into how digital evidence has revolutionized modern crime investigation. The speakers addressed the gathering with valuable perspectives on how digital forensics plays a pivotal role in uncovering truth and delivering justice. They emphasized that digital evidence—ranging from emails to GPS coordinates, mobile device data to forensic metadata—has become instrumental in solving crimes across the spectrum, from cybercrime to traditional criminal cases.

During the talk, the speakers highlighted the significance of precision, authenticity, and scientific rigor in handling digital evidence. They discussed how digital evidence provides structured, timestamped information that is far more reliable and tamper-resistant than traditional documentation, making it crucial in legal proceedings. Their interactive approach encouraged active participation, and students engaged thoughtfully with real-world applications of digital forensics, making the session both educational and impactful.



## Sangeetha Shibu

HOD, Computer Science Department

Prof. Sangeetha Shibu stands as a distinguished academic leader and subject matter expert in computer networks, currently serving as Head of Department at Rajadhani Institute of Engineering and Technology (RIET). Her leadership combines pedagogical excellence with cutting-edge research contributions to the field of computer science.



# INDUSTRY SUPPORTED PROJECT GUIDANCE IN CYBER SECURITY



## Mr. Almas

DFIR Specialist & Advanced Threat Hunting Expert, UST

Mr. Almas is a Digital Forensics and Incident Response specialist at UST with expertise in advanced threat hunting and cyber attack investigation. His practical experience in analyzing security breaches and recovering digital evidence brings real-world perspective to student projects. At RIET, he mentored students on forensic methodologies and proactive threat detection strategies essential for modern cybersecurity careers.

Mr. Vishak is a TDR analyst at EY specializing in threat identification and rapid response procedures. His enterprise security background emphasizes combining automated detection with human expertise to build resilient systems. During the guidance session at RIET, he helped students develop projects aligned with industry security standards and response frameworks.



## Mr. Vishak

Threat Detection and Response Analyst, EY

RIET's Department of Computer Science and Cyber Security organized an Industry-Supported Project Guidance session on 3rd November 2023 at 10:00 AM in the SDPK Lab. Two industry specialists—Mr. Almas (DFIR & Advanced Threat Hunting, UST) and Mr. Vishak (TDR Analyst, EY)—guided students in developing real-world cyber security projects.

### What Students Learned

The session focused on two critical areas: Digital Forensics and Incident Response (DFIR) and Threat Detection and Response (TDR). Mr. Almas explained how investigators recover digital evidence from compromised systems and hunt for hidden threats. Mr. Vishak shared how modern security teams detect anomalies before they become major incidents. Both emphasized that effective cyber security combines reactive incident response with proactive threat detection.

### Why This Matters

Students learned that industry doesn't just want theoretical knowledge—it wants professionals who understand how attacks actually happen and how to defend against them. The guidance helped bridge the gap between classroom projects and real-world security challenges, ensuring students develop skills that matter in their careers.

### Moving Forward

With industry mentorship and practical project guidance, students are preparing for cyber security roles in a field that desperately needs skilled professionals. This is how institutions create graduates who are ready for day one on the job.

# FIVE DAY HANDS ON TRAINING IN

## WEB PROGRAMMING



### Ms. Aparna B

Senior Software Engineer at PITS Solutions

Ms. Aparna B is a Senior Software Engineer at PITS Solutions with a passion for bridging the gap between academic learning and real-world web development. With hands-on experience building production-grade applications, she believes the best way to learn is by doing. Her interactive teaching approach emphasizes problem-solving, collaborative development, and continuous learning—qualities she sees as essential for success in tech. At RIET's intensive training program, Ms. Aparna B demonstrated her commitment to mentoring the next generation of developers, proving that good mentors can truly transform careers.



The Department of Computer Science & Engineering at RIET brought industry expertise directly into the classroom with a five-day intensive training program in Web Programming. Partnering with TinkerHub and industry experts, the program gave students a rare opportunity to learn from professionals working in the field.

Ms. Aparna B, Senior Software Engineer at PITS Solutions, led the sessions, sharing practical knowledge that goes beyond textbooks. Her teaching approach was straightforward: learn by doing. Instead of just theory, students got their hands dirty with real web development projects, working through challenges that actual developers face every day.

#### Why This Matters

The training wasn't just about teaching code—it was about bridging the gap between academic learning and industry expectations. Students spent the five days building foundational skills in web technologies, understanding frameworks, and solving problems collaboratively. The hands-on format meant students could ask questions, debug together, and learn from mistakes in a supportive environment.

#### The Impact

What stood out was the energy in the lab. Students were genuinely engaged, focused on their screens, and eager to complete challenges. The mix of individual work and group sessions created a dynamic learning experience. For many, this was their first taste of how web development actually works in the real world—not just isolated coding exercises, but understanding how pieces fit together to build functional applications.

#### Looking Ahead

Programs like this give students confidence as they enter the job market. They've worked with industry mentors, understand current best practices, and have tangible projects to show employers. That's the kind of preparation that makes a real difference in their careers.



# EXPERT TALK ON "AN INSIGHT INTO SOFTWARE PROJECT DEVELOPMENT"



"An Insight into Software Project Development" was organized to provide students with a deeper understanding of the various stages and real-world practices involved in developing software projects. The session aimed to bridge the gap between theoretical learning and practical implementation by sharing industry-level insights and methodologies.

The invited expert elaborated on essential phases such as requirement analysis, system design, coding standards, testing, deployment, and maintenance.

The talk also emphasized the importance of team collaboration, project planning, version control, and agile methodologies in modern software development.

Students gained valuable knowledge about how software projects are handled in professional environments and learned best practices to follow in their academic and future industry projects. The interactive session concluded with a Q&A segment, where participants clarified their doubts and discussed innovative project ideas.



RAJADHANI CGPU IN ASSOCIATION WITH IQAC

# PRE-PLACEMENT Training



*The Department of Computer Science & Engineering organized a Pre-Placement Training session on 30th October 2023 in association with the CGPU and IQAC. The session aimed to prepare students for upcoming campus recruitments by enhancing their technical, communication, and interview skills. The resource person provided valuable insights on resume building, aptitude preparation, and professional etiquette. The interactive session helped boost the confidence of students and guided them towards a focused approach for placements. The program concluded with an active Q&A session and positive feedback from participants.*

*The Pre-Placement Training Class is designed to prepare students for successful entry into the professional world. The session focuses on enhancing essential employability skills such as aptitude, logical reasoning, communication, and interview techniques. Through interactive lectures, mock tests, and practical exercises, students gain valuable insights into corporate expectations and recruitment processes.*



# Faculty Development Programme

## *MODERN TOOLS & TRENDS IN CYBER SECURITY*



The Department of Computer Science and Engineering successfully organized a Faculty Development Program on "Modern Tools and Trends in Cyber Security." The event featured expert sessions, hands-on demonstrations, and interactive discussions aimed at equipping faculty with the latest advancements in cybersecurity. The program concluded with a recognition ceremony, honoring distinguished contributors and participants for their active engagement and commitment to academic excellence.



# A Survey On Health Impacts Of IN - Ear Headphones Among Young Adults



**A survey on the health impacts of prolonged in-ear headphone usage among young adults was conducted at Rajadhani Institute of Engineering and Technology by the 3rd Year B.Sc Nursing students of KIMS Hospital, Trivandrum. The session highlighted the possible effects of continuous headphone use on hearing health, stress levels, and overall well-being. The nursing students interacted with participants, shared awareness guidelines, and discussed healthy listening practices. The program was informative and encouraged students to adopt safer habits in their daily tech usage.**

*By*

*3rd Year BSC Nursing Students Of  
KIMS HOSPITAL TRIVANDRUM*



# EXPERT TALK

## CYBER SECURITY IN CLOUD

THE CLASS WAS HANDLED BY MR ALEX THOMAS, ASSOCIATE DIRECTOR, CYBER SECURITY ANALYST, EY, ERNAKULAM. THE EVENT MAINLY COVERED THE CONCEPTS LIKE PHASES, ARCHITECT, TESTING IN SECURITY AND WHAT ARE THE ADVANTAGES OF CLOUD IN CYBER SECURITY AND SO ON.

THE PROGRAM WAS CONDUCTED IN THE SDPK LAB AND WAS INAUGURATED BY THE PRINCIPAL DR SURESSH BABU AND DR SANGEETHA SHIBU, HEAD OF THE DEPARTMENT, COMPUTER SCIENCE & ENGINEERING. AFTER THE CLASS, THERE WAS A SECTION FOR CLEARING THE STUDENT'S DOUBTS. LATER THE PROGRAM WAS ENDED WITH STUDENT'S FEEDBACK AND VOTE OF THANKS BY DR SANGEETHA SHIBU.

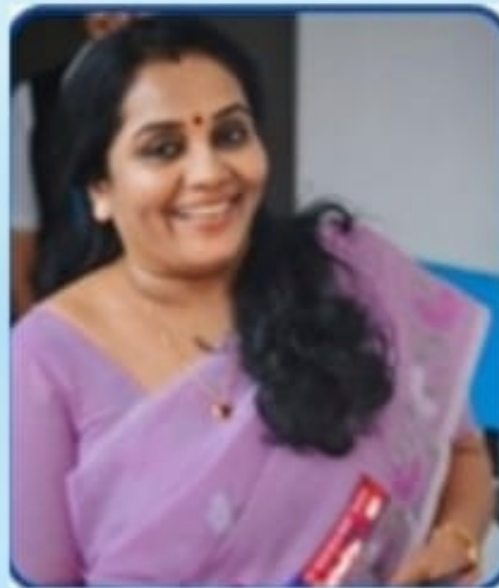


Mr. ALEX THOMAS  
Associate Director  
Cloud Security  
Consulting at EY



# CSE TEACHING FACULTIES

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**Dr Sangeetha Shibu**  
*Associate Professor*  
*Head of The Department*



**Mr Jinu Raj R**  
*Assistant Professor*



**Ms Jincy Jesudasan**  
*Assistant Professor*



**Ms Divya G S**  
*Assistant Professor*



**Ms Lekshmy Sasidharan**  
*Assistant Professor*



**Mr Binoy D L**  
*Assistant Professor*

# CSE TEACHING FACULTIES

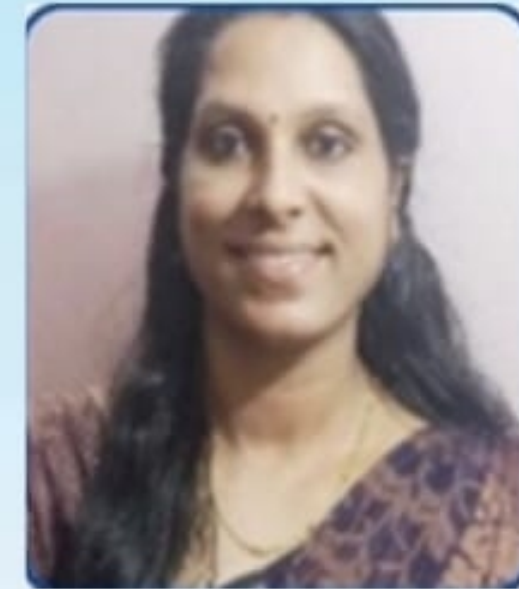
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**Ms Amrutha S Aravind**  
*Assistant Professor*



**Ms Divya V B**  
*Assistant Professor*



**Ms Sandhya K R**  
*Assistant Professor*



**Ms Divya T L**  
*Assistant Professor*



**Ms Sreethu L Kumar**  
*Assistant Professor*

# THE RISE OF ARTIFICIAL INTELLIGENCE IN EVERY LIFE

ARTIFICIAL INTELLIGENCE (AI) IS NO LONGER A DISTANT DREAM — IT HAS BECOME AN INSEPARABLE PART OF OUR EVERYDAY EXISTENCE. FROM RECOMMENDING MOVIES ON NETFLIX TO ASSISTING DOCTORS IN DIAGNOSING DISEASES, AI HAS TRANSFORMED HOW WE INTERACT WITH TECHNOLOGY. WHAT WAS ONCE LIMITED TO SCIENCE FICTION IS NOW SHAPING THE WAY INDUSTRIES OPERATE, DECISIONS ARE MADE, AND PROBLEMS ARE SOLVED.



IN OUR DAILY LIVES, AI SILENTLY WORKS BEHIND THE SCENES. WHEN WE SHOP ONLINE, IT SUGGESTS PRODUCTS BASED ON OUR PREFERENCES. WHEN WE DRIVE, IT POWERS NAVIGATION AND EVEN AUTONOMOUS VEHICLES. IN EDUCATION, AI TOOLS HELP STUDENTS LEARN BETTER BY OFFERING PERSONALIZED GUIDANCE AND INSTANT FEEDBACK. THE INTEGRATION OF MACHINE LEARNING AND NATURAL LANGUAGE PROCESSING HAS MADE TECHNOLOGY MORE INTUITIVE AND HUMAN-LIKE.

YET, THIS PROGRESS COMES WITH CHALLENGES. CONCERNS OVER PRIVACY, ALGORITHMIC BIAS, AND JOB AUTOMATION ARE NOW KEY ISSUES THAT DEMAND RESPONSIBLE INNOVATION. AS AI SYSTEMS MAKE MORE DECISIONS THAT AFFECT PEOPLE'S LIVES, ENSURING TRANSPARENCY AND ETHICS BECOMES JUST AS IMPORTANT AS ADVANCING PERFORMANCE.

FOR COMPUTER SCIENCE STUDENTS, THIS IS AN EXCITING TIME. LEARNING HOW AI WORKS — AND UNDERSTANDING ITS IMPACT— OPENS THE DOOR TO CREATING SOLUTIONS THAT TRULY BENEFIT HUMANITY. THE REAL POWER OF AI LIES NOT IN REPLACING HUMANS BUT IN EMPOWERING THEM. THE FUTURE BELONGS TO THOSE WHO CAN BLEND INTELLIGENCE WITH RESPONSIBILITY.

# THE ART OF BALANCING STUDIES & PERSONAL LIFE

-”BALANCE IS NOT SOMETHING YOU FIND.IT IS SOMETHING YOU CREATE”



COLLEGE LIFE IS A TIME OF LEARNING, GROWTH, AND NEW EXPERIENCES. HOWEVER, MANY STUDENTS OFTEN FIND IT DIFFICULT TO BALANCE THEIR ACADEMIC RESPONSIBILITIES WITH PERSONAL TIME. MAINTAINING THIS BALANCE IS AN ART, AND MASTERING IT HELPS US LEAD A HEALTHY AND FULFILLING LIFE.

FIRSTLY, TIME MANAGEMENT PLAYS AN IMPORTANT ROLE. SETTING A TIMETABLE, PRIORITIZING TASKS, AND AVOIDING LAST-MINUTE RUSH CAN HELP REDUCE STRESS. INSTEAD OF STUDYING FOR LONG HOURS WITHOUT BREAK, STUDYING IN SHORT, FOCUSED SESSIONS IMPROVES CONCENTRATION. ALONG WITH STUDIES, IT IS EQUALLY IMPORTANT TO SPEND TIME WITH FRIENDS AND FAMILY. THESE MOMENTS REFRESH OUR MIND AND MOTIVATE US TO CONTINUE WORKING TOWARDS OUR GOALS.

SECONDLY, TAKING CARE OF OUR MENTAL AND PHYSICAL HEALTH IS ESSENTIAL. A GOOD SLEEP SCHEDULE, LIGHT EXERCISE, AND ENGAGING IN HOBBIES KEEP US POSITIVE AND ENERGETIC. LIFE IS NOT ONLY ABOUT ACHIEVING HIGH MARKS; IT IS ALSO ABOUT EXPERIENCES, RELATIONSHIPS AND PERSONAL WELL-BEING.

IN CONCLUSION, BALANCING STUDIES AND PERSONAL LIFE IS NOT DIFFICULT IF WE PLAN WISELY. WHEN WE LEARN TO MANAGE OUR TIME AND CARE FOR OURSELVES, WE GROW NOT ONLY AS STUDENTS BUT ALSO AS INDIVIDUALS.

# CYBERSECURITY IN THE AGE OF AI & DATA



IN TODAY'S HYPER-CONNECTED WORLD, DATA IS BOTH A RESOURCE AND A RISK. AS TECHNOLOGY ADVANCES, SO DO THE THREATS THAT ACCOMPANY IT. CYBERSECURITY HAS EMERGED AS ONE OF THE MOST CRITICAL FIELDS OF OUR TIME, PROTECTING NOT JUST SYSTEMS AND NETWORKS BUT THE VERY INFORMATION THAT FUELS MODERN LIFE.

EVERY DAY, MILLIONS OF CYBERATTACKS OCCUR WORLDWIDE — RANSOMWARE, PHISHING, IDENTITY THEFT, AND DATA BREACHES HAVE BECOME ALARMINGLY COMMON. WITH THE RISE OF ARTIFICIAL INTELLIGENCE, ATTACKERS NOW USE SMARTER METHODS TO EXPLOIT VULNERABILITIES, WHILE DEFENDERS USE AI-DRIVEN ALGORITHMS TO PREDICT AND COUNTERACT THESE THREATS. THE BATTLE BETWEEN HACKERS AND SECURITY EXPERTS HAS ENTERED A NEW DIGITAL ERA.

CYBERSECURITY TODAY GOES BEYOND TECHNICAL DEFENSE. IT'S ABOUT AWARENESS, ETHICS, AND VIGILANCE. A SIMPLE CARELESS CLICK OR WEAK PASSWORD CAN LEAD TO MASSIVE DAMAGE. INDIVIDUALS, ORGANIZATIONS, AND GOVERNMENTS MUST WORK TOGETHER TO BUILD A SECURE DIGITAL ECOSYSTEM.

FOR STUDENTS, CYBERSECURITY OFFERS A DYNAMIC AND REWARDING CAREER PATH. ETHICAL HACKERS AND INFORMATION SECURITY ANALYSTS ARE IN HIGH DEMAND AS DATA CONTINUES TO GROW IN VALUE. THE MORE WE RELY ON TECHNOLOGY, THE MORE WE MUST PROTECT IT. IN THIS AGE OF AI AND DATA, CYBERSECURITY ISN'T JUST A PROFESSION—IT'S A NECESSITY FOR A SAFER DIGITAL FUTURE.

# Industrial Visit



Our industrial visit to Delhi included a memorable stop at the historic Qutub Minar, where students gathered for a group photo against the backdrop of the towering red sandstone monument. Though not a conventional industry site, the visit offered valuable insights into heritage tourism, architectural preservation, and the cultural economy. Surrounded by lush greenery and clear skies, the experience blended learning with leisure, fostering team spirit and a deeper appreciation for India's rich historical legacy.

As part of their industrial visit, the group explored the Taj Mahal in Agra, where they admired its stunning white marble architecture and learned about its historical significance. The visit offered a unique blend of cultural enrichment and team bonding, making it a memorable experience beyond the classroom.



# TED<sup>x</sup>

TEDX IS A PROGRAM OF LOCAL, SELF-ORGANIZED EVENTS THAT BRING PEOPLE TOGETHER TO SHARE TED-LIKE EXPERIENCE. AT A TEDX EVENT, TED TALKS VIDEO AND LIVE SPEAKERS COMBINE TO FOSTER DEEP DISCUSSION AND CONNECTION WITHIN A SMALL GROUP.

THESE EVENTS ARE ORGANIZED UNDER A FREE LICENSE GRANTED BY TED, WITH THE GOAL OF FOSTERING LEARNING, INSPIRATION, AND WONDER WHILE ENCOURAGING CONVERSATIONS THAT MATTER. THE "X" STANDS FOR "INDEPENDENTLY ORGANIZED TED EVENT," AND, ALTHOUGH TEDX EVENTS ARE PLANNED AND COORDINATED INDEPENDENTLY, THEY FOLLOW THE GENERAL PRINCIPLES AND GUIDELINES PROVIDED BY TED TO ENSURE A CONSISTENT AND HIGH-QUALITY EXPERIENCE.

TEDX EVENTS ARE HELD IN COMMUNITIES AROUND THE WORLD, OFFERING A PLATFORM FOR SPEAKERS TO PRESENT THEIR INNOVATIVE IDEAS, STORIES, AND RESEARCH TO INSPIRE LOCAL AND GLOBAL AUDIENCES.

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CONGRATULATIONS

2020-2024  
CSE TOPPERS



ABHIRANJAN R



SHIVAJEE N



APARNA BABU



ANAGHA M



FAVAS R



ARUN BABU R S



ANJANA KRISHNA A K



SAFARIA SAKER



DEEPIKA S R



NIRANJANA B RAM



SARIN KRISHNAN



BIBINJEEV B



GEETHU G



GAUTHAM S B



JINO AJAYAN



J PRAPANCH



JUDE MAXIN



VISHAL KRISHNA



SHIFA S



SHAHIN M HASHIM



SAGAR S

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CONGRATULATIONS

2020-2024  
CYBER TOPPERS



ANAKHA M



MINSHAD J NAISAM



RISPA ANIL THOMAS



INDRAJITH M



NIVED MANOHARAN



ABHAY A L



AMARNATH A J



ASHLEY CELINA ANIL



NANDHAKISHOR P



BETHIN BIJU



SHABNA M



KRISHNAPRIYA M B



N NANDANA



SIDHARTH S



AFZAL AJEETH



SANDEEP JAGAN



ADITHYA RAJ K R



N S MOHAMAD HILAL



AADHIL SHAH S



SREDEV M S



AMARNATH A



SIVDEV S



MEGHA S

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CONGRATULATIONS

2022-2026

### S3 CSE TOPPERS



NICOLE COLIN  
SGPA 8.55



SAJAM Y  
SGPA 8.41



SNEHA PRABHASH  
SGPA 8.23



DONA ANN HEBY  
SGPA 8.14



NAJAH NAJM AHMED  
SGPA 8.05



BHAVISHYA S BIJU  
SGPA 8.05

### S4 CSE TOPPERS



SAJAM Y  
SGPA 8.73



ABHISHEK DEEPAK  
SGPA 8.64



NEERAJ P V  
SGPA 8.55



SNEHA PRABHASH  
SGPA 8.45



DONA ANN HEBY  
SGPA 8.23



MINHA A  
SGPA 8.14



M MOHAMMED YAZEEN  
SGPA 8.05



SNEHA PRASAD B  
SGPA 8



BHAVISHYA S BIJU  
SGPA 8

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CONGRATULATIONS

2022-2026

S4 CYBER TOPPERS



**KRISHNA S**  
SGPA 8.77



**FATHIMA HANAN**  
SGPA 8.68



**HAFIZ SHAMNAD**  
SGPA 8.59



**NANDHANA AJILAL**  
SGPA 8.50



**ANANTHAKRISHNAN R**  
SGPA 8.45



**TANIA FRANCIS**  
SGPA 8.23



**SIVANI V**  
SGPA 8.18



**ABHISHEK P NAIR**  
SGPA 8.00

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CONGRATULATIONS

2023-2027

S1 CSE TOPPERS



AFREEN JENIFER  
SGPA 9.76



MUHAMED INSAF  
SGPA 8.94



AYANA SASI B  
SGPA 8.76



JAYAKRISHNAN V S  
SGPA 8.47



AKHIL KUNDUVALAPPIL  
SGPA 8.35



AFDHAL CHENGISHKHAN  
SGPA 8.12

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S2 CSE TOPPERS



AFREEN JENIFER  
SGPA 9.21



JAYAKRISHNAN V S  
SGPA 8.38



AYANA SASI B  
SGPA 8.24

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CONGRATULATIONS

2023-2027

### S1 CYBER TOPPERS



**NITHIN MOHANDAS**  
SGPA 9.76



**SONU BIJU**  
SGPA 9.59



**MESHHACH BERSIMON BASTIN**  
SGPA 8.06

### S2 CYBER TOPPERS



**SONU BIJU**  
SGPA 9.05



**NITHIN MOHANDAS**  
SGPA 8.95



**MESHHACH BERSIMON BASTIN**  
SGPA 8.12

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CONGRATULATIONS

2023-2027

### S1 AI&ML TOPPERS



AMRUTHA S  
SGPA 9.91



ABSAR N  
SGPA 8.85



MEENAKSHY D R  
SGPA 8.26



MUHAMMED SHAFAN N  
SGPA 7.65



SACHIN N KUMAR  
SGPA 7.50

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### S2 AI&ML TOPPERS



AMRUTHA S  
SGPA 9.29



ABSAR N  
SGPA 8.55