

**JAN TO JUN 2024**



**VOICE OF  
CSE**

**CSE HALF YEARLY NEWSLETTER**



**College of Engineering & Technology**  
Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University



# Department of Computer Science & Engineering



## VISION OF THE DEPARTMENT

“To grow as a premier department of Computer Science and Engineering capable of facing challenges of the modern Computing industry for the betterment of Society through most appropriate and Ethical practices.”





## Department of Computer Science & Engineering



### MISSION OF THE DEPARTMENT

“To impart high quality education to students with strong foundation of Computer Science and Engineering through Outcome Based Education (OBE).”

“To empower the students with the required skills to solve the complex technological problems of modern society and to conduct multidisciplinary research for developing innovative solutions.”

“To provide a learning ambience to enhance problem solving skills, leadership qualities, team spirits and ethical responsibilities with a commitment to lifelong learning.”

“To establish industry institute interaction activities to enhance the entrepreneurship skills.”





## Department of Computer Science & Engineering



### ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering has been functioning since the very inception of this college. It features well-equipped classrooms and laboratories designed to create an optimal learning environment for students through spacious, well-furnished, and well-ventilated designs. In the labs, computing equipment and peripherals are continuously upgraded. Furthermore, high-speed broadband internet connectivity is provided across all laboratories and staff rooms, delivering robust academic support for both faculty and students.



## CEO'S DESK

**Mr. V P Salim**  
**CEO**  
**Royal College of Engineering &  
Technology**



Welcome to this edition of our newsletter. It has been a remarkable year of achievement for the Department of Computer Science & Engineering, marked by significant milestones from our talented students and dedicated faculty. Our students continue to excel through innovative projects, impactful research, and vital internships. As we look ahead, the Royal College of Engineering and Technology remains steadfast in providing a premier learning environment that fosters growth and hands-on innovation. Thank you for being an integral part of our community. Let us continue to learn, grow, and succeed together.

With Best Wishes,

**Mr. V P Salim**  
Chief Executive Officer,  
Royal College of Engineering and Technology, Thrissur

## PRINCIPAL'S DESK

**Dr. Devi V.**  
**Principal**  
**Royal College of Engineering & Technology**



I am delighted to share this message as we begin a new year filled with opportunities and aspirations. I am pleased to present this latest edition of Computer Science department newsletter. Thanks to the hard work of our students and faculty, the Department of Computer Science and Engineering continues to grow and thrive. Our institution continues to grow through the dedication of our students, faculty, staff, parents, and alumni. We remain committed to fostering quality education, lifelong learning, innovation, and personal development. By embracing challenges, adopting modern educational practices, and actively participating in academic and extracurricular activities, our students are well-prepared for an ever-changing world. Together, we will uphold our vision and strive for excellence, success, and holistic growth in the years ahead.

With Best Wishes,

**Dr. Devi V.** Principal,  
Royal College of Engineering & Technology, Thrissur

## HOD'S DESK

**Dr. S P Predeep Kumar**  
**Professor and Head of the Department(CSE)**  
**Royal College of Engineering & Technology**



I am delighted to present this edition of our newsletter. The Department of Computer Science & Engineering has achieved significant growth this year, marked by impactful research and innovative projects. Our faculty continue to make vital contributions to the field, while our students excel in various competitions and internships. Looking ahead, we remain deeply focused on equipping our students with the advanced skills needed to thrive in an ever-evolving technological world. Thank you for your continued support as we work together to lead in computer science education.

Best regards,

**Dr. S P Predeep Kumar**  
**Professor and Head of the Department**  
Department of Computer Science & Engineering,  
Royal College of Engineering and Technology, Thrissur

## PROGRAM EDUCATION OBJECTIVES - PEOs

- PEO1.To enable the students as globally competent engineering specialists, to solve engineering problems in the field of Computer Science based on industry and social requirements.
- PEO2.To impart knowledge and expertise in undergoing socially innovative projects with ethical practices which enable the students to become leaders, entrepreneurs and social reformers.
- PEO3.To encourage higher studies and research, opening wider opportunities to students in teaching, innovation and product development.

## 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, review research literature, and analyse 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 for complex problems:
- PO5. Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling 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 lifelong learning in the broadest context of technological change.

## **PROGRAM SPECIFIC OUTCOMES – PSOs**

- PSO1.Ability to analyze, design and implement ethical sustainable solutions in the field of computer science.
- PSO2.Ability to use problem solving skills in the broad area of programming concepts and manage different projects in interdisciplinary field.
- PSO3.Ability to understand the evolutionary changes in computing and creating an innovative career path to be an entrepreneur and lifelong learner with moral values and ethics.

## ASSOCIATION ACTIVITIES

- E-Box Boot Camp was organized by Royal Training and Placement Cell(RTPC) in association with Amphisoft Technologies, Coimbatore dated from January 23rd – January 30th.
- RCET had signed a MoU with CORE INSTITUTE OF TECHNOLOGY, Thrissur on 6th February 2024 to facilitate industry and research co-operation between the parties based upon the principles of mutual benefits.



- A Campus Placement Drive was conducted by RTPC in association with delegates of Q-SPIDERS, a software testing training institute in India with a view to meet the ever increasing demand of Quality IT professionals for S8 CSE students ON 13<sup>TH</sup> February 2024.
- A Campus Placement Drive was organized by RTPC in association with SUTHERLAND GLOBAL SERVICES,KAKKANAD, COCHIN on 16<sup>TH</sup> February 2024 for S8 students.
- A Recruitment Drive was conducted by RTPC in association with the hiring team of Global Quest Technologies, Bangalore for S8 CSE students on 22<sup>ND</sup> February 2024.
- A Campus Recruitment was conducted by RTPC in association with KGiSL, a BFSI centric multiproduct Enterprise Software Company based in Coimbatore on 26<sup>TH</sup> February 2024 for S8 students.

## ASSOCIATION ACTIVITIES

- MoU with Facein Technologies  
Royal College of Engineering & Technology has signed and entered the Memorandum of Understanding (MoU) with Facein Technologies Pvt.Ltd on 19th March 2024 This is to facilitate industry and research cooperation between the parties based upon the principles of mutual benefit, especially who is able to provide our students with training and internship programs in Computer Science,Cybersecurity, Full stack development and Electronics Engineering fields like VLSI design and Embedded systems.
- RTPC in association with CONCLO TECHNOLOGIES,KOOTTANAD, had organized an Offline Placement Drive on March 22nd 2024 at RCET campus for S8 students.
- *RTPC in association with CRANES VARSITY Pvt.Ltd had organized a Placement Drive on 18TH March 2024 for S8 students.*
- *RTPC in association with AMPHISOFT TECHNOLOGIES PVT.LTD,Coimbatore had organized an online placement drive on 4/4/2024 for S8 CSE students.RCET had also signed a MoU with this company to facilitate Software Product development and Internship Cooperation between the parties based upon principles of mutual benefit, especially to provide our students training in the field of Computer Programming on this day itself. The E-box workshop conducted by this team has proven to be fruitful to many of our students.*
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# ASSOCIATION ACTIVITIES



# PLACEMENTS

**Royal**  
COLLEGE OF ENGINEERING & TECHNOLOGY  
NBA  
AICTE

TRAINING & PLACEMENT CELL-RCET

Placed @ QSpiders  
Through Placement Drive @ RCET Campus  
CSE - 2024 BATCH

*Hearty Congratulations!!!*

Athulya P.P  
Adwait Nilojen  
Minhaj A.K  
Rithul Krishna P.  
Remil Salim K.P

**Royal**  
COLLEGE OF ENGINEERING & TECHNOLOGY  
NBA  
AICTE

TRAINING & PLACEMENT CELL-RCET

Placed @ QSpiders  
Through Placement Drive @ RCET Campus  
CSE - 2024 BATCH

*Hearty Congratulations!!!*

Irine Biju  
Sandhya S.  
Nihal Jebin  
Thehsin P. Jambalath

**Royal**  
COLLEGE OF ENGINEERING & TECHNOLOGY  
NBA  
AICTE

TRAINING & PLACEMENT CELL-RCET

Placed @ QSpiders  
Through Placement Drive @ RCET Campus  
CSE - 2024 BATCH

*Hearty Congratulations!!!*

Hisham C  
Farhan Cholakkal  
Oshima Misra  
Muhammad Nassib K.N.  
Rohan B. Lal

**Royal**  
COLLEGE OF ENGINEERING & TECHNOLOGY  
NBA  
AICTE

TRAINING & PLACEMENT CELL-RCET

Placed @ QSpiders  
Through Placement Drive @ RCET Campus  
CSE - 2024 BATCH

*Hearty Congratulations!!!*

Prajul M  
Sabina Sam  
Shahna Sherin  
Thara Charly T  
Yesudas Varghese  
Ristha  
Fitha Shajahan  
Nikil  
Balamurali Krishna V.B

# PLACEMENTS



# PLACEMENTS



**Royal**  
COLLEGE OF ENGINEERING & TECHNOLOGY  
Akkikavu, Thrissur, 680604 - Kerala

NBA  
NATIONAL BOARD OF ACCREDITATION  
FOR ENGINEERING

NAAC  
NATIONAL ASSOCIATION OF AMBA COLLEGES

TRAINING & PLACEMENT CELL-RCET  
**Placed @Conclo Technologies**  
CSE 2020 - 2024 BATCH  
*Hearty Congratulations!!!*

Manoj K.P

Balamuralikrishna V.B

Yesudas Varghese

**Placed @** Cranes Varsity

CSE 2020 - 2024 BATCH

*Hearty Congratulations!!!*

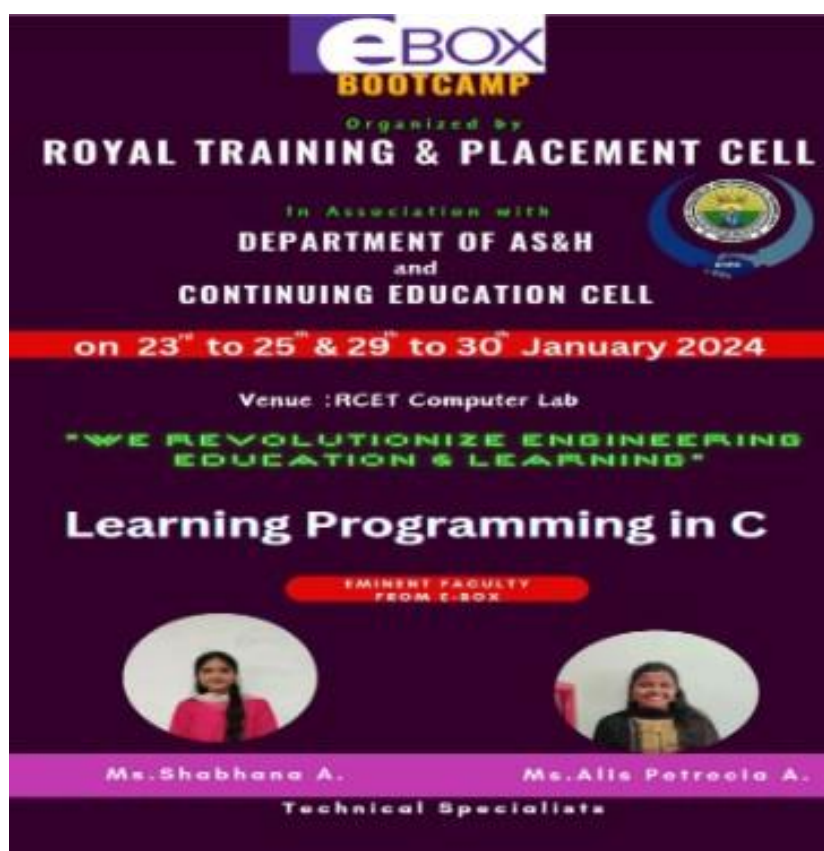
**Shahana Sherin**

## ASSOCIATION ACTIVITIES

### E-Box Boot Camp

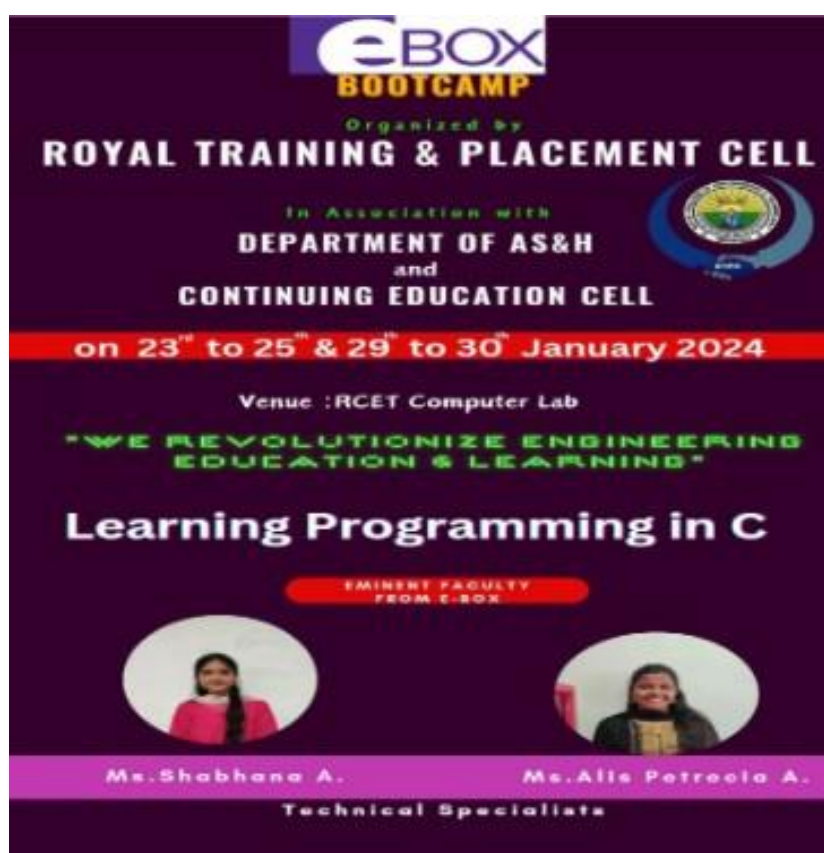
The primary objective of the boot camp was to furnish participants with a comprehensive understanding of key concepts within the C programming language. Special emphasis was placed on elucidating the pivotal role of C in system-level programming and its significance in the broader programming landscape.

On the first day of the E-Box Boot Camp focused on C Programming, the sessions were conducted at two venues: 220 and 414 for the forenoon theory session, and 120 and 213 for the afternoon lab session. The sessions were expertly led by Ms. Shabana S and Ms. Alice Petricia, both esteemed technical faculties at E-Box.



## ASSOCIATION ACTIVITIES

Department of Computer Science and Engineering in association with Computer Society of India(CSI) successfully conducted a hands-on workshop "Ethical hacking using Kali Linux" as part of Ethical hacking workshop series on 24.02.2024. The workshop aimed to provide participants with practical experience in the basic commands used in Kali Linux. The session started at 01.15 PM in Programming Lab, Room No. 120, and concluded at 4 PM. 40 students from CSE actively participated in this workshop. Mr. Muhammed Anas, S4 M. Tech student, was the Resource person.



**EBOX  
BOOTCAMP**  
Organized by  
**ROYAL TRAINING & PLACEMENT CELL**  
In Association with  
**DEPARTMENT OF AS&H  
and  
CONTINUING EDUCATION CELL**


on 23<sup>rd</sup> to 25<sup>th</sup> & 29<sup>th</sup> to 30<sup>th</sup> January 2024


Venue : RCET Computer Lab

"WE REVOLUTIONIZE ENGINEERING  
EDUCATION & LEARNING"

**Learning Programming in C**

TRAINING FACULTY  
FROM E-BOX

  
Ms. Shabhana A.  
Technical Specialist

  
Ms. Alis Petreola A.  
Technical Specialist

## STUDENT ACHIEVEMENTS

### Proud Moment

Ms. Noor Fathima of S6 CSE were selected as the representatives for National Integration camp of NSS Volunteers held on February 17 and 18 at NSS College of Engineering, Palakkad.



The ICT Academy of Kerala presented the 2024 edition of 'ICTAK Top Ten: Bringing Together Brilliant Minds', where academia and industry converged to define the future of technology. The Panelists consisted of Industry Leaders from IBM, Tata Elxsi ,QBurst , ICTAK and interacted with students on the Theme - "AI & Beyond : Shapingthe Future of Work and Employability ".Mr Abhinav (S6 CSE) took part in the event representing RCET.




## STUDENT ACHIEVEMENTS



## STUDENT ACHIEVEMENTS

- Ms.Noor Fathima of S6 CSE got first prize for the patriotic song competition conducted by the Music club in association with the SSDF on 26th January 2024.
- Ms.Arshia K P of S4 CSE got first prize for the Basic C Programming quiz competition conducted by IEDC-RCET .

### Rank list of S2 M.Tech University Result(2022-24 Batch)

Rank	Name	CGPA	Photo
1	JYOTHI T V	9.78	
2	ATHIRA K A	9.44	
3	RISNA K S	8.69	

## STUDENT ACHIEVEMENTS

### Ethnic Day Celebration "DESTAFO-24"

Ethnic Day Celebration "DESTAFO-24" aimed to showcase and celebrate the rich cultural heritage of our organization, highlighting the unity in diversity among our members. One of the highlights of the celebration was the Ramp Walk, where participants adorned in traditional attire and strutted down the runway with confidence and grace. Among the participants, Gregori C Vinu (S4 AD) and Irine Biju (S8 CSE) stood out as the winners, captivating the audience with their elegance and poise.





## STUDENT ACHIEVEMENTS

**Ms. Noor Fathima V.K - S6 CSE has Participated in National Integration Camp-2024 conducted from March 22nd to 28 th, 2024 at Janapada Loka, Ramanagar, Karnataka representing A.P.J AbdulKalam Technogical University-Thiruvanthapuram.**

## STUDENT ACHIEVEMENTS

- NPTEL ONLINE CERTIFICATION FOR THE SUBJECT PYTHON FOR DATA SCIENCE

Sl.No	Name of the Student	Photo
1.	Adithyan S	 A portrait of a young man with dark hair, smiling, wearing a dark grey button-down shirt. He is standing in front of a background of green leaves and bright pink flowers.
2.	Mohammed Hisham	 A portrait of a young man with dark hair and a mustache, looking directly at the camera. He is wearing a plaid shirt with shades of brown, green, and white.

## STUDENT ACHIEVEMENTS

- Ms. Sneha V P of S4 CSE got AICTE Pragathi Scholarship for Girls-2024







- Mr.Sreerag Rajan of S4 CSE got Best Camper Award for NSS Seven Day Camp 2023-24






# STUDENT ACHIEVEMENTS




**Rank list of S1 University result(2023-27 Batch)**

Rank	Name	CGPA	Photo
1	HARSHIDA	8.71	
2	HIBA ANWER	8.44	
3	FATHIMA SHIFA	8.06	
3	DHANYA MARY	8.06	




**Rank list of S3 University result(2022-26 Batch)**

Rank	Name	CGPA	Photo
1	MINHA T V	8.50	
2	SNEHA V P	8.18	
3	GOUTHAM KRISHNA T K	8.09	

**Rank list of S5 University result(2021-25Batch)**

Rank	Name	CGPA	Photo
1	THASLEEMA NASRIN	8.04	
2	FASNA BEEVI C S	7.54	
3	HANEENA	7.28	

**Rank list of S7 University result(2020-24Batch)**

Rank	Name	CGPA	Photo
1	BASILA	9.3	
2	AFRA V K	8.63	
3	BASIMA	8.5	

- Vishnu E and Arjun K K from S6 participated in the state level E Zone Cricket Championship at Vidya Academy of Science & Technology
- Arjun K K from S6 CSE participated in Ezone Cricket at Vidya Academy of Science and technology.

## FACULTY ACHIEVEMENTS

Ms. Ihsana Mohammed from Department of CSE received an appreciation from Dr. Devi V, Principal for producing good results, in the staff meeting On 24th April.

Mr. V P Salim Sir- CEO, Dr. Devi V -Principal and General Secretary- Mr. Hyder Ali addressed the gathering. Staff members who were able to produce excellent results were acknowledged with certificates.



## FACULTY ACHIEVEMENTS

### SUSTAINXT SUMMIT 2024-NATIONAL LEVEL TECHNICAL SYMPOSIUM

RCET conducted a national level technical symposium on 23rd March. The symposium focused on environmental perspectives and implementation of Sustainable Practices in Waste Management. The event had paper presentations and other events like project expo, poster making, reels making photography competition etc. The CSE faculties were participated actively in the symposium.



HANDS ON WORKSHOP ON IOT AND RASPBERRY PI IEDC in association with IE(I) organized HANDS ON WORKSHOP ON IOT AND RASPBERRY PI on 6th April 2024.

The workshop was coordinated Ms. Neethu K and Ms. Rasha V P (AP/CSE) along with other faculties. 35 students of various departments participated in the event and they received in depth knowledge of IoT and basics of Raspberry pi. The session was conducted by technical experts from PiBots Company. In this session a good level of mentoring was provided to students which will enhance their project development skills.



### **International Women's day celebration**

International Women's day is a worldwide celebration spotlighting the vast spectrum of women's contributions across cultural, political, and socioeconomic realms. While International Women's Day carries a profound significance, it also presents a wonderful opportunity to express gratitude towards the women in our lives. Cakes offer a sweet canvas to express admiration and support for women's achievements and aspirations.

Our faculties actively participated in International Women's day celebration.

## UHV-II FDP

The Five day Face to Face UHV-II FDP organised by Royal College of Engineering and Technology, in association with AICTE & NCCIP, which started on 21st May 2024 got ended on 25th May 2024, with valedictory function. The program aimed to equip the faculty members for providing Holistic Value Based Education to the Students and to share UHV contents to students of RCET during Student Induction programme (SIP) and during regular class hours for their holistic development.

Our Sincere gratitude to the Resource persons Dr. Sunilkumar, Dr. Deepa G Nair, Shri. Deepesh and Shri. Jayaprakash for the guidance and engaging the sessions with simplicity and clarity. The sessions helped to sustain the input through and inspired us to have timely updations through weekly sessions and morning sessions reaching the ultimate goal of Continuous Happiness.

Dr. Devi V - Principal RCET along with support from management took the initiative to organize this FDP in our institution.



## The College Day

The RCET college day celebration was held on 10th May. It was a vibrant and memorable event filled with talent, enthusiasm, and cultural fervor. The event started with melodious songs by RCET music band. After that students presented energetic dance numbers, engaging group songs, and soulful solo performances. The variety of acts displayed the diverse talents of the students.

A significant highlight of the celebration was the release of the college magazine, "KAIZEN." The magazine editor, Thaslima Nazreen, handed over the inaugural copy to the CEO, Mr. V P Salim. This event marked an important milestone in the literary and creative endeavors of the college.



## **EDITORIAL TEAM**

### **EDITOR**

**Ms. Roshmin Rizuvan, Assistant Professor**

### **STUDENT EDITOR**

**Mr. A V Mohamed Basim, S7 CSE**