



# RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Rajadhani Hills, Nagaroor, Attingal, Thiruvananthapuram, Kerala 695102

## NEWSLETTER

Vol-2 (Mar 2024)

*Department of Computer Science & Engineering*

### Institution

#### VISION

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

#### MISSION

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, engineering, hospitality and business enterprises for collaborative learning.

### Department

#### VISION

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

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.



### Dr. Sangeetha Shibu

Head of the Department  
Department of Computer Science & Engineering  
Rajadhani Institute of Engineering & Technology

### Message from HOD

It is my pleasure to present the 2023-24 Vol. 2 edition of the CSE Newsletter. This issue highlights the continued achievements and progress of our students and faculty.

We remain committed to innovation, research, and continuous learning. This edition reflects our collective efforts and recent activities. I encourage everyone to actively contribute and stay engaged.

I hope this Newsletter inspires and strengthens our spirit of growth and collaboration.

### PEO STATEMENTS

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 teamwork, 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.

PSO2: 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.



# Computer Science & Engineering

## NEWSLETTER

### PLACEMENT TRAINING

A placement training program was conducted by **TALENTUS**, led by expert trainer **Mr. Vipinraj**, to equip students with the necessary tools and competencies for successful campus placements. The primary aim was to develop **knowledge, skill and attitude** the core components required to thrive in any professional environment.



#### Objectives of the Training:-

- To **enhance technical and domain-specific knowledge** required for placement exams.
- To **develop critical skills** such as aptitude, reasoning, communication, and coding.
- To **cultivate a professional attitude**, boosting confidence, self-presentation, and team behavior.
- To **prepare students** for interviews, group discussions, and corporate communication.

#### Key Training Components:-

##### Knowledge Development

- Subject-matter insights tailored to students' academic backgrounds
- Latest placement patterns and company-specific expectations
- Industry insights and HR trends

##### Skill Enhancement

- **Aptitude & Logical Reasoning:** Problem-solving, quantitative aptitude, verbal reasoning
- **Technical Skills:** Programming fundamentals (C, C++, Java, Python), data structures
- **Communication Skills:** Group discussions, personal interviews, resume crafting

##### Outcomes of the Program

- Sharpened technical understanding
- Improved self-presentation
- Boosted confidence during interviews and group interactions
- Positive change in attitude towards placement preparation



# Computer Science & Engineering NEWSLETTER

## EXPERT TALK

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. Suresh 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.





# Computer Science & Engineering NEWSLETTER

## PLACEMENT TRAINING



A placement training program was conducted by **TALENTUS**, led by expert trainer **Mr. Roshan Roy Kattakayam**, to equip students with the necessary tools and competencies for successful campus placements. The primary aim was to develop **knowledge, skill, and attitude** the core components required to thrive in any professional environment.

### Objectives of the Training:-

- To enhance technical and domain-specific knowledge required for placement exams
- To **develop critical skills** such as aptitude, reasoning, communication, and coding.
- To **cultivate a professional attitude**, boosting confidence, self-presentation, and team behavior.
- To **prepare students** for interviews, group discussions, and corporate communication.



# Computer Science & Engineering

## NEWSLETTER

### Training Methodology

- Interactive lectures and real-time problem-solving
- Practical assignments and online assessments
- Role-playing for mock interviews and GDs
- Group activities to foster communication and teamwork
- Regular feedback and mentoring sessions by Mr. Roshan Roy Kattakayam



### Outcomes of the Program

- Sharpened technical understanding
- Improved self-presentation
- Boosted confidence during interviews and group interactions
- Positive change in attitude towards placement preparation



A placement training program was conducted by **TALENTUS**, led by expert trainer **Mr. Roshan Roy Kattakayam**, to equip students with the necessary tools and competencies for successful campus placements to Cyber Security students. The primary aim was to develop **knowledge, skill, and attitude** the core components required to thrive in any professional environment.



# Computer Science & Engineering NEWSLETTER

## ANDROID DEVELOPMENT

### Workshop on Android App Development.



**Resource Person : Abhishek S Lal (Alumni CSE),**  
Founder Campuzon App | Software Engineer at AOT  
Technologies Pvt Ltd | Technical Trainer at Keltron

**Time: 9.00 am to 12.00 pm**  
**Venue: : SDPK LAB, RIET**

**Organised By:**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**CYBER SECURITY**

In association  
with RIET



**RAJADHANI**  
**INSTITUTE OF ENGINEERING**  
**AND TECHNOLOGY**

Department of Computer Science and Engineering and IQAC of Rajadhani Institute of Science and Technology (RIET) have jointly organized workshop on Android App Development. The workshop was conducted by Abhishek S Lal, alumni CSE and founder of Campuzon App. He is a software engineer at AOT Technologies Pvt Ltd.



# Computer Science & Engineering

## NEWSLETTER

### EXPERT TALK

The Department of Computer Science and Engineering, in collaboration with the IEEE Computer Society, organized an expert talk on **OutSystems**, a leading low-code application development platform, on. The session aimed to provide participants with a deep understanding of the OutSystems platform, its features, and its applications in modern software development.

The expert talk was conducted by **Mr. Sunil Kumar**, a **Solutions Architect** and **OutSystems Certified Trainer**. With his extensive experience in enterprise software development and low-code solutions, Mr. Sunil provided valuable insights into the OutSystems platform, sharing his expertise on its features, functionalities, and practical applications

The session attracted a diverse group of participants, including students, faculty members, and professionals from both IEEE and non-IEEE backgrounds. The talk provided an excellent opportunity for participants to gain exposure to an emerging technology that is shaping the future of software development.





# Computer Science & Engineering

## NEWSLETTER

### WORKSHOP ON TEAM BUILDING



The Department of Computer Science and Engineering, in collaboration with the IEEE Computer Society, organized a one-day workshop on **Leadership and Team Building**. This workshop was designed to enhance the leadership skills and teamwork abilities of participants, preparing them to take on leadership roles in academic, professional, and community settings.

The session was conducted by **Ms. Jithin K Jose**, Chair of the **Membership Development Committee, IEEE Kerala Section**. With her extensive experience in leadership and team management, Ms. Jithin provided valuable guidance on how to be an effective leader and build cohesive teams. Her approach was interactive, engaging participants through real-world examples, discussions, and exercises.

The workshop saw enthusiastic participation from students, faculty, and professionals, both from IEEE and non-IEEE backgrounds. The diverse group allowed for the sharing of a variety of perspectives and experiences, enriching the overall learning experience.

### EDITORIAL BOARD



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