

JAN TO JUN 2025



**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.”





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



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.”





College of Engineering & Technology
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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. P. Suresh Venugopal
Principal
Royal College of Engineering &
Technology



I am pleased to present this latest edition of our department newsletter. Thanks to the hard work of our students and faculty, the Department of Computer Science and Engineering continues to grow and thrive. This year was marked by exciting milestones, innovative research, and successful student projects. Our focus stays firmly on providing quality education, fostering creativity, and equipping students for tomorrow's challenges. Thank you for your unwavering support. Together, we will continue to advance our future-ready department.

With Best Wishes,
Dr. P. Suresh Venugopal
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,

Head of 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

- A workshop on “Global career opportunities after Btech CS ” was conducted by the Department of Computer Science and Engineering, on 26-03-2025. The session was held by Kevin Jose Paul ,career expert Regional BDM, GeeBee Education.The workshop aimed at personal Counselling and scholarship eligibility Briefing.

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

NAAC Kirf

Resource Person
Kevin Paul Jose
Career Expert
Regional BDM - Geebee Education

Global Career Opportunities After Btech CS ..?

Meet the Career Expert

- Personal Counselling
- Scholarship Eligibility Briefing

Geebee Education

- 67 Global Offices
- 950+ Universities
- 35 Countries

DATE AND TIME
26th Mar 2025
2:30pm to 3:30 pm

PLACE
Royal College of Engineering & Technology
Chermanangad ,Thrissur
Kerala 680604



LEAP GEEBEE EDUCATION
More information call us
7592 033 333
www.geebeworld.com

ASSOCIATION ACTIVITIES

- **READY 2025-A Faculty Development Initiative-** A five day FDP READY (Royal Commitment to academic leadership, Empowerment through continuous learning, Advancement in Pedagogical skills, Development of innovative teaching methods, Yielding transformative educational Outcome) was conducted at RCET, for empowering educators for excellence. The FDP was hosted on 23 , 24 , 25 , 27 June and 1 July 2025. Experts from different fields came and took valuable sessions. The FDP program was aimed to enhance faculty members' skills and knowledge in innovative teaching methods, research development, and leadership. The FDP successfully met its objectives by equipping educators with new teaching methodologies, enhanced leadership skills, and strategies to position institutions for future academic excellence. It also provided a valuable space for collaboration, learning, and motivation. In relation with the FDP, an Industrial Visit was also conducted to Inker Robotics,Thrissur. The faculty members were exposed to cutting-edge technologies like AI, IoT, VR, and Industrial & Hospitality Robotics. The firm demonstrated real-world applications of robotics and automation. Ms. Lemya Sainudeen, Assistant Professor from Computer Science Department led a session on the topic-“Climbing the Ranks: Institutional strategies for National Recognition ”

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 and a mustache, wearing a black button-down shirt. He is smiling and standing in front of a background of green leaves and pink flowers.
2.	Mohammed Hisham	 A portrait of a young man with dark hair and a mustache, wearing a plaid shirt. He has a neutral expression and is looking directly at the camera against a plain white background.

STUDENT ACHIEVEMENTS

- LUMEO – A Marketplace with a Heart - A beautiful initiative by Adithya Thilak, Fathima Shifa V and Malufa Parveen, students of S6 CSE to support the dreams of differently-abled children from Chaithanya Special School, Kunnamkulam. Lumeo is a user-friendly, interactive app tailored to support cognitive and motor skill development in children with special needs. With features including visual learning aids, speech-based interaction, and engaging educational games. Lumeo reflects the student commitment to social impact through technology. The App was inaugurated on 30th June 2025 by Dr Geevarghese Mar Yulios, Bishop and Metropolitan in the Malabar Orthodox Syrian Church (Kunnamkulam).

CHAITHANYA
special school for mentally challenged children
KURUKKANPARA, KUNNAMKULAM

Introducing
LUMEO
A MARKETPLACE WITH A HEART

30-06-2025
MONDAY
11.30 AM

Chief Guest

H.G. Dr. Geevarghese Mar Yulios Metropolitan
Patron, Bala Sahaya Samithi

Guest of Honour

Dr. P. Suresh Venugopal
Principal, Royal College of Engineering & Technology

Supported by

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

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

Introducing
LUMEO
A MARKETPLACE WITH A HEART!

Supporting dreams through handmade products – a compassionate initiative by Royal CSE students for Chaithanya Special School.

A compassionate platform developed by the **Computer Science and Engineering** students of **Royal College of Engineering and Technology** to empower the differently-abled children of **Chaithanya Special School, Kunnamkulam**, by showcasing and selling their handmade products.

Each purchase supports their dreams, education, and overall well-being.

Support and Shop

Featured Products
Painting Soap Tote

Developed by:
Adithya Thilak
Fathima Shifa V
Malufa parveen C V

STUDENT ACHIEVEMENTS

- Adith of S CSE successfully completed Two-Day Energy Cell Unit Coordinator's Training and Workshop held at College of Engineering, Thrikarippur on 12-13 July 2025.
- Arshia K.P, Anjana P.R, and Aswin A.S. of S6 CSE launched a web application called "All In One Maintenance"-A Smart Solution for Home Services!" in June 2025.
- Ayana P R of S4 CSE successfully completed a 5-day internship in the field of python Programming organized by Retechnox Technologies LLP, from June 23 to June, 2025.



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

STUDENT ACHIEVEMENTS

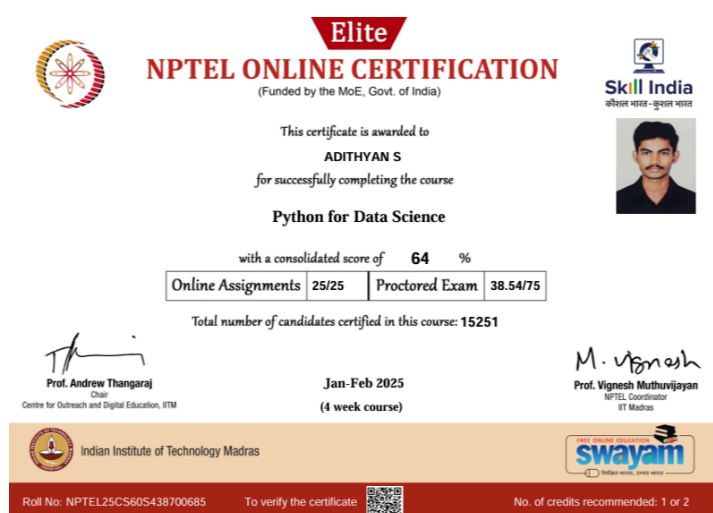
- Dhanya Mary of S4 CSE successfully completed internship in Artificial Intelligence & Robotics organized by STEM Robotics from 02/06/25 to 08/06/25.



- Yasmin CM, Risvana Basheer, Muhammed Shabeeb, Mohammed Munavir K.V, Harshiya Harish, Harshida CP, Fathima Shifa KP, Fahmida Febin and Amaldev EV from CSE Department, participated in Quiz on Flutter.
- Mohamed Fadil, Hiba Anwar and Ayana PR from CSE Department, participated in Quiz on Python Programming.
- Dhanya Mary from S4 CSE participated in Quiz on Cyber Security and C++ Programming Quiz Competition.
- Fathima Shifa from S6 CSE participated in Kho- Kho-Women-Annual Sports and Games.
- Arjun K K from S6 CSE participated in Ezone Cricket at Vidya Academy of Science and technology.

STUDENT ACHIEVEMENTS

- Mohammed Sajad P B (S6 CSE) was awarded as the Sargaprathibha and Neha Nasrin P A (S6 CSE) was awarded as the Best Actress in English Drama in Dhanak 2025-26 Arts Fest held on 13th and 14th February 2025.
- CSE Department achieved 1st position in Dhanak 2025-26 Arts Fest held on 13th and 14th February 2025.
- CSE Department secured 2nd position and CSE (CY) secured 3rd position in Sports Day events conducted on 21st and 22nd February 2025.
- Adithyan S and Mohammed Hisham successfully completed the NPTEL Online Certification Course on “Python for Data Science” during July - August 2025 and they achieved an 'Elite' and 'Elite + Silver' certificate respectively.



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ADITHYAN S
for successfully completing the course
Python for Data Science

with a consolidated score of **64** %

Online Assignments	25/25	Proctored Exam	38.54/75
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Total number of candidates certified in this course: 15251

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)

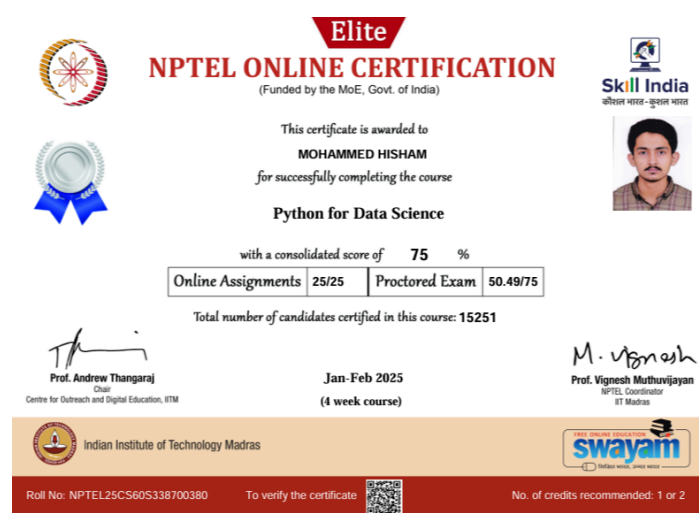
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL25CS60S438700685 To verify the certificate

No. of credits recommended: 1 or 2



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MOHAMMED HISHAM
for successfully completing the course
Python for Data Science

with a consolidated score of **75** %

Online Assignments	25/25	Proctored Exam	50.49/75
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Total number of candidates certified in this course: 15251

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Feb 2025
(4 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL25CS60S338700380 To verify the certificate

No. of credits recommended: 1 or 2

- Fahima V U successfully completed the NPTEL Online Certification Course on “English Language for Competitive Exams” during July - October 2025.

STUDENT ACHIEVEMENTS



NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
FAHIMA VU
for successfully completing the course

English Language for Competitive Exams

with a consolidated score of **52** %

Online Assignments	20.25/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **6940**

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2025
(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL25HS137S1070300602

To verify the certificate



No. of credits recommended: 3 or 4

FACULTY ACHIEVEMENTS

- Mrs. Vidya P, Assistant Professor - CSE department was awarded PhD in Instrumentation and Control Systems Engineering in the month of June 2025.



- As part of the First-Year Student Induction Program – GENESIS 2025 RCET proudly recognized and honored its faculty members. Special Felicitation was awarded to the Ph.D achiever - Dr Vidya P



- Ms. Lidhi, AP-CSE department successfully qualified UGC-NET exam in June 2025.



- As part of READY 2025-A Faculty Development Initiative- A five day FDP READY (Royal Commitment to academic leadership, Empowerment through continuous learning, Advancement in Pedagogical skills, Development of innovative teaching methods, Yielding transformative educational Outcome), Ms. Lemya Sainudeen, Assistant Professor from Computer Science Department led a session on the topic-“Climbing the Ranks: Institutional strategies for National Recognition ”

Kirf Royal College of Engineering & Technology
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 NBA NATIONAL BOARD OF ACCREDITATION

IQAC, TLC & ISTE RCET
 jointly organises

FACULTY DEVELOPMENT PROGRAM

READY 2025 - "EMPOWERING EDUCATORS FOR EXCELLENCE"
 (Royal commitment to academic leadership, Empowerment through continuous learning, Advancement in pedagogical skills, Development of innovative teaching methods, Yielding transformative educational outcome)

WEDNESDAY
 25 June 2025

TIME
 1:30 PM - 2.30 PM

RESOURCE PERSON

Topic
 “Climbing the Ranks:
 Institutional Strategies for
 National Recognition”

Ms. Lemya Sainudeen
 Assistant Professor, CSE
 RCET

Welcome

FACULTY ACHIEVEMENTS

- During the First-Year Student Induction Program – GENESIS 2025, RCET proudly recognized and honored its faculty members. Ms. Roshmin Rizuvan and Ms. Rasheedha P were awarded Faculty Appraisal Certificates for achieving a pass rate of over 90% in their respective subjects.



FACULTY ACHIEVEMENTS

- Dr. Vineetha Venugopal, Associate Professor and Ms. Roshmin Rizuvan, Assistant Professor, CSE department attended a one day Workshop on “The Use of AI in Research Works” on 20 June, 2025.
- Dr. Vineetha Venugopal, Associate Professor CSE department attended online FDP on GenAI: Unleashing the Power of Language and Vision Models from 16 June 2025 to 20 June 2025.
- Ms. Roshmin Rizuvan secured A Grade in the assessments conducted in the one Week International Online Faculty Development Program on Outcome Based Education and Application of Generative AI in Teaching and Research, organised by IQAC of Carmel College, Mala in association with The Collegiate Education Department, Government of Kerala from 20th February to 28th February 2025.






- Ristha, Ibrahim Siraj.P and Deepthi Prakash, PG students of CSE department presented technical papers during the International Conference on Emerging Technologies conducted on February 27 and 28, 2025. Their papers were published in the conference proceedings of the “ International Conference on Emerging Technologies (ICET 2025)” with ISBN number (978-81-950457-6-1).

FACULTY ACHIEVEMENTS

- Dr. Vineetha Venugopal, Associate Professor OF CSE department attended a one day FDP on “Emerging Technologies” on 27 June, 2025 conducted by Inker Robotics Solutions Pvt Ltd.




UNIVERSITY EXAM TOPPERS

Rank list of S 7 BTech University Result(2021-25 Batch)

	Name	CGPA	Photo
1	Mohammed Basim AV	8.7	
2	Devananda M P	8.4	
3	Ghanza Kareem	8.37	




UNIVERSITY EXAM TOPPERS

Rank list of S 5 B Tech University Result(2022-26 Batch)

Rank	Name	SGPA	Photo
1	Sneha V P	9.00	
2	Jibi K Bobby	8.70	
3	Salmath T V	8.30	



UNIVERSITY EXAM TOPPERS

Rank list of S 3 BTech University Result(2023-27 Batch)

Rank	Name	SGPA	Photo
1	Fathima Shifa	9.09	
2	Dhanya Mary	9.00	
3	Harshida C P	8.64	

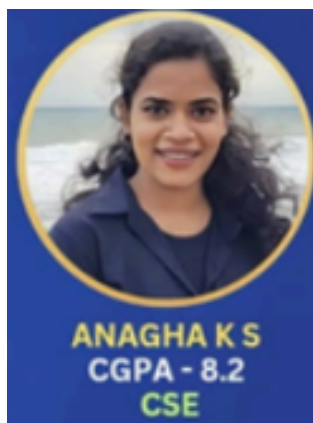
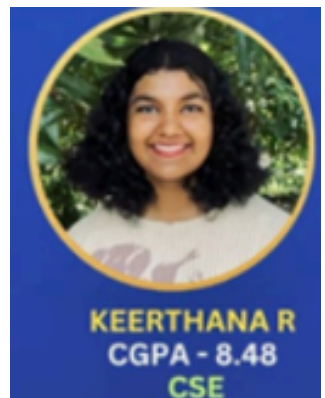
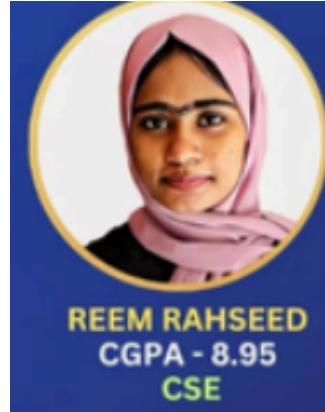
UNIVERSITY EXAM TOPPERS

Rank list of S 3 Minor BTech University Result(2021-25 Batch)

Rank	Name of the Student	Photo
1	Anjaly Anil	 A portrait of a young woman with dark, wavy hair, smiling slightly. She is wearing a dark top. The photo is framed by a red circular border and a yellow horizontal line at the bottom.
2	Dhanya Mary	 A portrait of a young woman with long, dark, wavy hair, looking directly at the camera. She is wearing a light pink top. The background shows a tree trunk and some greenery.

UNIVERSITY EXAM TOPPERS

Meritorious Students- KTU S1 Examination 2024-2028 Batch



EDITORIAL TEAM

EDITOR

Ms. Roshmin Rizuvan, Assistant Professor

STUDENT EDITOR

Ms. Farzeena A K, S7 CSE