

THE ROYAL TIMES

QUARTERLY NEWSLETTER-VOLUME 3

FEB, MAR, APR 2025

Message from Principal's Desk

It gives me immense pleasure to see that the Newsletter for the period-February, March and April 2025 is ready for circulation. I appreciate the entire team of editorial board for their continuous and sustained efforts, to depict the journey of strivings and accomplishments of Students and Staff members of Royal College of Engineering and Technology(RCET). We are aware that education is not a process of sharing knowledge for a future job but is a lifelong process which enriches the minds, and provides varied experiences that will follow us during our entire life time. RCET is a dynamic platform for all to explore and transform themselves to fulfil their dreams. Our Alumni members who are there in different parts of the world can speak about this. This newsletter is a truthful and pleasant record of efforts and achievements by the members of Royal Family. I congratulate the entire editorial team for designing the newsletter in such an excellent way.

Best wishes!!

Principal
Dr. P Suresh Venugopal

A New Chapter Begins : Welcoming Dr. P Suresh Venugopal as Our Principal

We are pleased to announce that Dr. P Suresh Venugopal has officially joined RCET as the new Principal. Dr. P Suresh Venugopal brings with him many years of rich academic and administrative experience in the field of engineering education. The college community warmly welcomes him and looks forward to a period of growth and excellence under his leadership.



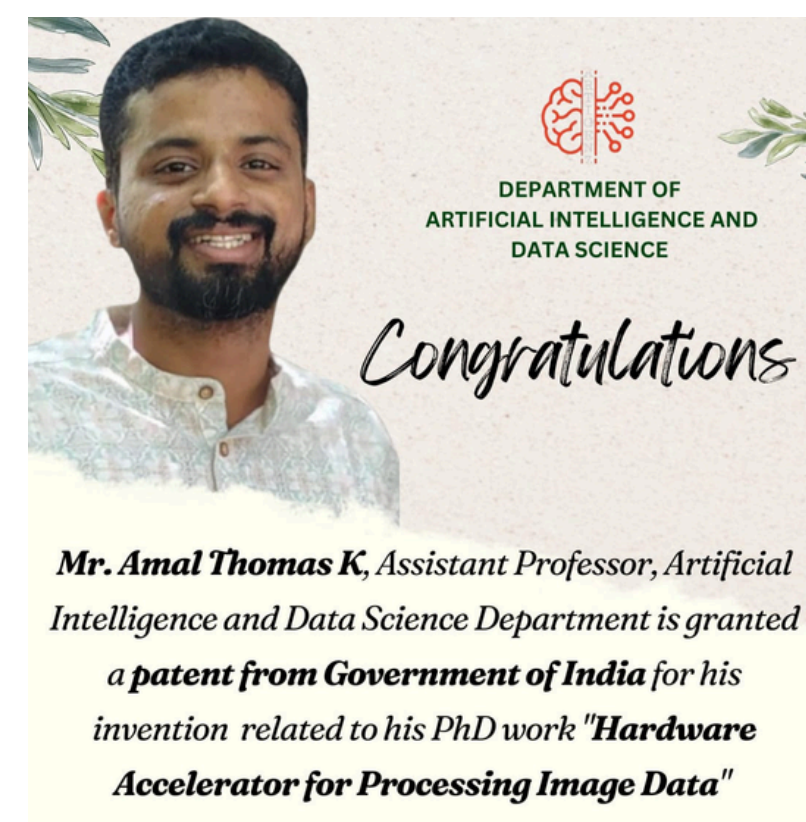
KTU Project Funding



Final year students from AD Department secured fundings from KTU research grants for two different projects. RCET congratulates the students as this is a remarkable achievement and a testament to their hard work, innovation, and dedication. Receiving this support is not only a recognition of your potential but also a great opportunity to bring your ideas to life and make a real impact.

Patent Grant

Amal Thomas K, Assistant Professor(AD) received the patent grant for "Hardware Accelerator for Processing Image Data" (Patent No. 525723). This remarkable achievement is a testament to his dedication, innovative thinking, and hard work in pushing the boundaries of technology. Securing a patent is no small feat—it signifies a major contribution to the field and serves as recognition of his expertise and creativity.



ROYAL COLLEGE OF ENGINEERING & TECHNOLOGY

APPROVED BY AICTE|AFFILIATED TO APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY (KTU)

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National Digital Library of India (NDLI) Club Registration Number:INKLNC33R4HSFLJ

International Centre for Free and Open Source Solutions (ICFOSS) Registration Number :171

National Programme on Technology Enhanced Learning (NPTEL) Local Chapter Id:6018

Institution's Innovation Council (IIC) Institution Id:IC202014341

Kerala Institutional Ranking Framework

Harithakeralam

Haritha Kalalayam

RCET has been declared as "Haritha Kalalayam". Institutions that meet specific criteria, often involving scoring above a certain threshold in areas like waste segregation, waste disposal, green energy usage, and sanitation, are awarded the "Haritha Kalalayam" certification.



KEAM Exam Centre

RCET was allotted two examination centers for Kerala Engineering Architecture Medical entrance examination. The examination took place at our campus from April 22nd to April 30th.

Session on Job Readiness

Department of Training and Placement Cell organized a session to enhance the job readiness of final-year students by equipping them with essential technical and soft skills, and to prepare them for placement interviews through expert guidance and industry-relevant insights. Resource Person was Dr. M. R. K. Menon, Aerospace Educator, Mentor and Trainer for Placements. Dr. Suresh. P. Venugopal, Principal-RCET presided the function highlighting the importance of early preparation and encouraged students to make the most of the session.



International Conference on Emerging Technologies

The two-day International Conference on Emerging Technologies (ICET 2025) was held at the Royal College of Engineering and Technology (RCET) on 27th and 28th of February 2025, in hybrid mode. The conference focused on the impactful intersection of Artificial Intelligence (AI) and Sustainable Development Goals (SDGs). The venue provided a platform for experts, practitioners, and researchers to discuss the integration of AI technologies into the achievement of sustainable goals across various sectors. The event attracted over 300 participants from academia, industry, and governmental organizations, creating an enriching environment for the exchange of ideas and collaboration. The online sessions were hosted in "Jitsi" platform. Event was streamed live in the Official You Tube page of RCET.



The inauguration was done by Mr. Danish A J, Software Engineer -Building Hands, Germany. His inaugural was on the topic "Building a greener future, How Building minds is pioneering sustainable Real Estate management using Artificial Intelligence." Expert resource persons gave talk on different topics on these two days. Along with the expert sessions, Paper presentations were also conducted in parallel manner. In association with the ICET 2025, a hackathon was also organized. It comprised of three tasks which were competitive coding, Python Application Development and Open Innovation. The hackathon witnessed about 208 participants in different groups.

The two-day conference held at RCET was a significant step toward highlighting the transformative potential of AI in achieving the Sustainable Development Goals.

Dhanak 2K25

Dhanak 2K25 Arts Fest at Royal College of Engineering was successfully conducted, showcasing an array of artistic and cultural talents. The onstage event was held on February 13 and 14. The onstage events featuring energetic performances and electrifying competition. The audience was treated to a mesmerizing display of talent, with participants competing for top honors. The festival concluded with a grand closing ceremony on February 14, 2025. Dhanak 2K25 was a resounding success, fostering artistic expression and cultural exchange among students.

AD Department secured First position in both Arts and Sports Competitions in relation with DHANAK 2025.



Appreciation from IEDC

Royal College of Engineering and Technology was awarded with a certificate of appreciation and participation from Kerala Startup Mission as part of IEDC Accreditation for the period of 01 April 2022 to 30 March 2023 for developing a strong startup ecosystem in our institution.



INDIA BOOK OF RECORDS

The record for writing 'Taj Mahal' the maximum number of times in a drawn image of the monument was set by Mr. Anandhu K. S.-S8 ME Student. He drew an outline of the famous monument and wrote the word 'Taj Mahal' 321 times in the image (measuring 86 cm x 49 cm) in 53 minutes and 33 seconds, using a black marker pen, as confirmed on January 7, 2025.



SKN 40

Happy to announce that the Renowned Media Person Sri. Sreekandan Nair (SKN) of 24 News Channel interacted with our Students at our Campus as a part of SKN40 on a mission of "No Drugs, No Violence," on April 6th, 2025.



DEPARTMENT ACTIVITIES

Workshop on Revit Architecture

Mr. Sijo Joseph (Managing Director of CAD campus) gave a career guidance session on the importance of studying various softwares in obtaining better opportunities as a civil engineer on 4th February. The session by Mr. Rejin Yahel (Senior instructor of CAD campus). He briefed about the Revit structure software in the morning session. In the afternoon session, the students practiced preparing 3D structure of a small residential building.



Workshop on how to Build Your Career In Civil Engineering

"Workshop on how to Build Your Career In Civil Engineering" was conducted on March 24th for S4, S6 and S8 students. The event aimed to provide insights into career opportunities for civil engineering graduates and impart valuable knowledge on the Kerala Building Byelaws and Rules. The session was led by Er. Sajan Jose, a renowned expert in the field.



Prize Distribution

Cash prize distribution for the winners of National Science day quiz competition and painting & caption making competition held in connection with International day for older persons organized by NDLI-club & QUESTA and Art & Craft club was conducted at conference hall. The prizes was distributed by former Principal Dr. Devi V.



FACULTY ACHIEVEMENTS

*Dr. D Zealakshmi, HOD, CE department served as the convenor of the International Conference on Emerging Technologies (ICET, 2025) organized by RCET on 27-28 February 2025.

*Ms. Princy PP, AP/CE, Ms. Aiswarya Premdilip, AP/CE served as the Panel member of the International Conference on Emerging Technologies (ICET, 2025) organized by RCET on 27-28 February 2025.

*Ms. Rose Ann Thomas, AP/CE, served as the coordinator of the International Conference on Emerging Technologies (ICET, 2025) organized by RCET on 27-28 February 2025.

*Ms. Sreelakshmi M U, Assistant Professor participated in the Industrial visit by ICEC (The Integrated Civil Engineers Council) to Malabar Cements at Walayar, Palakkad on 16.04.2025.

*Ms. Aishwarya Premdilip, and Ms. Farah V M, Ms. Princy P P, Ms. Rose Ann Thomas APs/CE department attended a 3 day FDP on Integrating AI into Civil Engineering organised by Thejus Engineering College from 28th April 2025 to 30th April 2023.

*Ms. Radhika E R, AP/ECE served as panel judge in the Department of ECE for International Conference on Emerging Technologies (ICET) 2025.

*Women's Club in Association with ISF (IETE STUDENTS FORUM)-RCET and NSS 143 unit, conducted a speech competition in connection with International Women's Day on 8/3/25. Ms.Radhika E R, Asst.Professor, AP/CE (ISF-Staff Co-ordinator and Women's club, Staff Co-ordinator and Mr.Krishnakumar R, HOD/ECE (NSS 143 Unit, Program Officer) were the co-ordinators for the event.

Sadhana

The SADHANA examination awareness program was successfully conducted on April 4, 2025 in the main Seminar Hall for S4 ECE students. Principal Dr. P. Suresh Venugopal delivered a detailed presentation on strategies for scoring high marks, impressing valuers, and achieving success in university examinations.

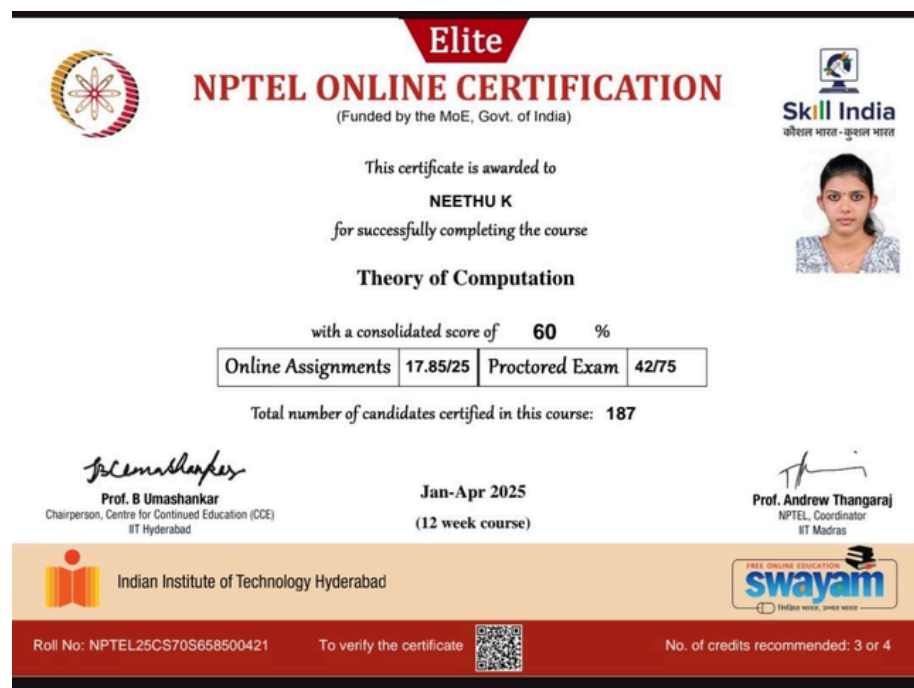


Proud Moment

Mr. Anuraj ,Alumni of RCET Electronics and Communication Engineering Department (2005-2009 Batch) won gold medal in National Masters Arm Wrestling competition -80 Kg held at Dharmashala, Himachal Pradesh.



*Ms. Neethu K(AP/CSE) completed NPTEL online certification on “Theory of Computation” by attending 12 week course during Jan-Apr 2025.



*Dr.Vineetha Venugopal, Ms. Nisha S M APs/CSE served as the Judging Panel Members of ICET2025.

*Ms. Roshmin Rizuvan (AP/CSE) completed one week International FDP on “OBE and application of Generative AI in Teaching and Research” at Carmel College, Mala.

*Ms. Nisha S M (AP/CSE) published an IEEE conference paper titled “Fetal Health Status Classification using Machine Learning Algorithms-A comparative Analysis” in relation with her PhD.

*Jeeshma John AP/AD got NPTEL Elite Silver certificate in the course of Python for Data Science.



*Dr. Anfas Mukram T (Asso. Professor/ ME) published a paper “Evaluation of the performance of different micro-PCMs in cement brick cavities for passive cooling application” in Journal of Building Engineering with IF 6.7.

*The AI Summit, organized for selected engineering colleges, data centers, research centers, and other institutions, took place on 15th February 2025 at Hotel HOLIDAY INN, NH Bypass Road, Chakkaraparambu, Cochin. Dr. Rahul B(AP/AD) and Ms. Sincy V. Thambi (AP/AD) represented RCET at the event.

*Dr. Shanavas S, Professor & Head, Department of Mechanical Engineering participated in the webinar on the topic “Thermal issues and cooling techniques of Lithium-ion batteries in the battery packs of EVs” on 1st February, 2025.

*Dr. Anfas Mukram T (Asso. Professor/ ME) got a membership in ISHRAE—the Indian Society of Heating, Refrigerating, and Air Conditioning Engineers.



*Royal Parv 2K25 – College Day 2025 was well coordinated by Ms. Asheera L. and Mr. Bineesh Balakrishnan from ASH department.

*Ms. Elsa P J, AP/ASH served as a judge in speech competition held in association with Womens day on 08/03/25.

*The following faculties contributed papers in ICET-2025 :

- Mr. Jacob John, HOD/ASH
- Ms. Elsa P J, AP/ASH
- Ms. Sharika A, AP/ASH

STUDENT ACHIEVEMENTS

*Ms. Fasma Bevi, of S8 CE, has commenced her on-job training at Armstech Engineers Pvt. Ltd., Kochi, reflecting her commendable academic and professional potential.

* Ms. Fathima M, of S8 CE, has been selected for an internship with placement at Volti Developers, Malapuram, marking a significant step in her professional development.

*Adithyan S and Mohammed Hisham of S7 CSE completed NPTEL Online Certification in Python for Data Science .

*Mr. Sooraj Mohan and Ms. Sneha Ramachandran of S4 ECE participated in TAKE DOWN Hackathon By IEDC on 24 th and 25th February 2025 at Universal Engineering College ,Vallivattom.

*Best Paper Awards of ICET 2025-CSE were presented to two groups: ”Image Capture and Microplastic Analysis in Water Bodies Through Mobile App” by Ms. Renju Mol A and “Defender Eye Home Security System” by Aghnesh P Raghesh, A V Mohamed Basim, Devanada M P, Fasma M K.

Royal Parv

RCET celebrated Royal Parv 2K25 – College Day 2025 – with great enthusiasm and vibrant spirit on Saturday, 5th April 2025. The presidential address was delivered by Mr. V. P. Salim (CEO, RCET), who emphasized the institution’s dedication to academic and extracurricular excellence. Dr. P. Suresh Venugopal, Principal of RCET, gave the inaugural address. He captivated the audience with a musical performance that deeply touched the hearts of everyone present. After the formal session, students lit up the stage with excellent dance and music performances. The afternoon segment began with a soulful flute performances by Ashique, which set a calming yet energizing tone, drawing cheers from the audience. The event concluded with a high-energy DJ party by Zaviyox, lifting everyone’s spirits and creating joyful memories.



*Three Students of S4 ECE (2023-27 Batch) passed in S3 –Minor Course- CST283 Python for Machine Learning
 1) Angel Davis
 2) Sneha Ramachandran
 3) Sooraj Mohan



*A global competition was organized during December 2024 for participation in the prestigious Vivo Pro Connect 4.0–Thailand 2025, where Bijin Jobson, S6 AD was selected to attend this grand event at Millennium Hilton Bangkok on 21, 22, 23 February 2025.

*Liyana, Gopika, Mehna and Alin from S8 AD. Students from the AD department secured 2nd price at Project Expo competition as part of the National Tech Fest that happened in the Kunnamkulam Polytechnic college. Ms Neethu S Kumar is their Project guide. They developed an AI based Personality app, so teachers and students can use this app and create videos of any historical personality.

*Muhammad Ameen cleared S3 Minor course in Building Constructions and Structural System.

*Farhana A A and Jasline Cheeran Jaison cleared S7 Honour course in Surveillance and Video Analytics.

*Omni-Directional Spiral wind turbine–A review presented by Mohamed Razwin (S6 ME), Adithyan V B (S6 ME), Solomon Slabu (S6 ME), Sreerag C. S (S6 ME) and Sooraj (S6 ME) won the best paper award in ICET-ME category .

*Mr. Jaffer Sadique V N (S4/ME) won the prize for utilizing the Central Library in the most efficient way.

*Adithyan V B (S6/ME), Mohammed Razwin (S6 ME), Rijoy C J (S6 ME) Hrishikesh A (S8 ME) secured First Prize in Mini Hackathon at RCET.

*The India Book of Records for writing 'Taj Mahal' the maximum number of times in a drawn image of the monument was set by Mr. Anandhu K. S-S8 ME Student .

*Best paper presentation award ICET-AD was given to two groups of S8 AD :Arya, Farhana, Najiya, Jasline and to Brillons, Adarsh, Fiza, Safwan K K .

*Brillons, Adarsh, Fiza, Safwan K K from S8 AD department developed an AI Retina model to help people with vision limitations.



PLACEMENTS

Q-Spiders placement drive 2025

Out of total 65 Students who participated in placement drive, a total number of 22 Students were selected for the placement at Q-Spiders. The selected students include 12 students from Department of Computer Science and Engineering and 10 students from Department of Artificial Intelligence and Data Science.



PLACEMENTS



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



TRAINING & PLACEMENT CELL-RCET
Department of Computer Science & Engineering 2021-2025 Batch
Selected for Incubation drive @ Pentagon Space,
Bangalore
Hearty Congratulations!!!



Aryalakshmi K



Sruthi V



Harsha Varghese



Mubashira P

TRAINING & PLACEMENT CELL-RCET
Department of Computer Science & Engineering 2021-2025 Batch
PLACED @ UP2TECH
Hearty Congratulations!!!



Safa Sharafudheen



Fasna M K



Aasha Aysha Shuhaib



Aghnies P Raghesh



Ghanza Kareem

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*DREAM BIG,
WORK HARD,
MAKE IT
happen.*