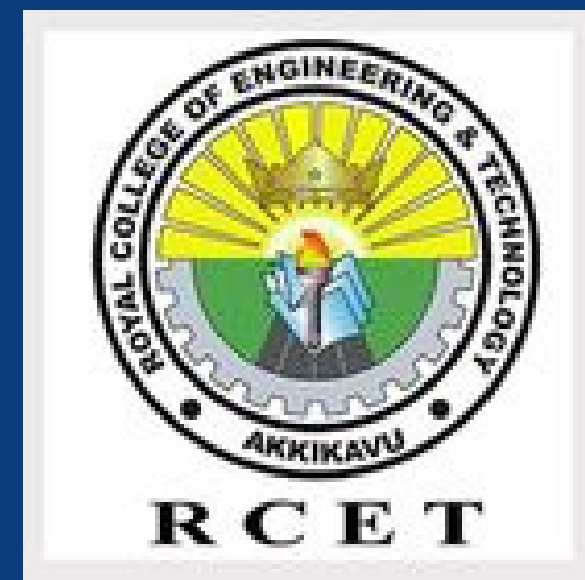


JANUARY TO JUNE 2022

THE NEW ROYAL TIMES

RCET HALF
YEARLY
NEWSLETTER



FROM THE DESK OF

PRINCIPAL



I am so happy to observe the sincere effort by the team behind our Half yearly Newsletter to present the entire activities of each department during the half year in printed form before staff and students of RCET.2022 for RCET is so crucial, as we have great expectations to bring up our institution to a better ranking among KTU colleges and also as we are aspiring for recognition of our institution through colorful achievements of students in various fields.Hoping for the very best in coming days .

CEO



Our institution is committed to provide a stimulating environment for intellectual development by providing dynamic learning opportunities and equipping them with the additional skills, insights, attitudes and practical experiences for free thinking and personal growth that are necessary for the students to take up responsibilities in the society.I believe that this newsletter will serve as a window through which the complete profile of the academic and co-curricular activities, achievements and progress made during the stipulated period can be viewed.

Best wishes for the success and bright future of RCET.....

NEWSLETTER AND TECHNICAL MAGAZINE CLUB

THE NEW ROYAL TIMES

RCET HALF
YEARLY
NEWSLETTER



CONVENER :

Nisha S M (Assistant Professor, CSE)

DEPT. STAFF COORDINATORS:

Sajeesh N (Assistant Professor, ME)

Radhika E R (Assistant Professor, ECE)

Indu C (Assistant Professor, ASH)

Anju Sam (Assistant Professor, EEE)

Apsara Panicker (Assistant Professor, CSE)

Pavithra A S (Assistant Professor, CE)

STUDENT COORDINATORS:

Remil Salim (S4 CSE)

Sterin C J (S6 ECE)

Abhay Raj P (S6 ME)

Afra V K (S4 CE)

Nikhil Krishna A P (S6 EEE)

Convocation Ceremony

Convocation ceremony of RCET was held on May 21st. The chief guest of the grand event was Ms. Aishwarya Dongre, IPS, District Police Chief, Thrissur. The convocation of 2020 passout batch and 2021 passout batch was conducted.

The welcome address was given by Dr. Devi V, Principal, RCET, followed by the keynote address of Mr. V P Salim, CEO. The convocation speech was delivered by the chief guest. After that certificate distribution was done. Vote of thanks was given by Mr. Krishnakumar R (Dean, Student Affairs).

VISION

To continuously grow as a Resourceful, Outstanding, Youthful, Adaptive Institution in the field of Engineering and Technology habituating Lifelong learning.

MISSION

To groom the youth into eminent technocrats- with Lifelong learning skills to meet future requirements, deep sense of social responsibility, strong ethical values and a global outlook, to face the challenges of the changing world



73rd REPUBLIC DAY CELEBRATIONS

On the occasion of 73rd Republic day, NSS unit organized a flaghoisting ceremony at the college campus. Mr. Sudev K (RCET Librarian) hoisted the flag. The function was presided by Mr. Krishnakumar R HOD/ECE & NSS Program officer. The program was conducted by strictly following the covid protocol.

Other programs were conducted on online platform as there was pandemic issues. Lot of programs were organized by different clubs.



Students Union election

RCET conducted the Students Union election for the academic year 2021-2022.

At the end of the day, the College Union Executive committee with Principal as patron cum Treasurer, Shafin Ahamed C,S7 CE as Chairman, Nidha Shirin Nazar,S7 CE as Vice-Chairman, Navya Asok K P,S5 ECE as General secretary, Krishnapriya N P,S5 CSE as Magazine Editor,Kashinadh K P,S7 ME as Arts Club Secretary, Shalvin Shaji,S7 CSE as University Union Councilor, Anjima Ramakrishnan,S5 CSE, and Irine Biju,S3 CSE were selected as the Lady Representative.

WEBINAR ON WILDLIFE PHOTOGRAPHY

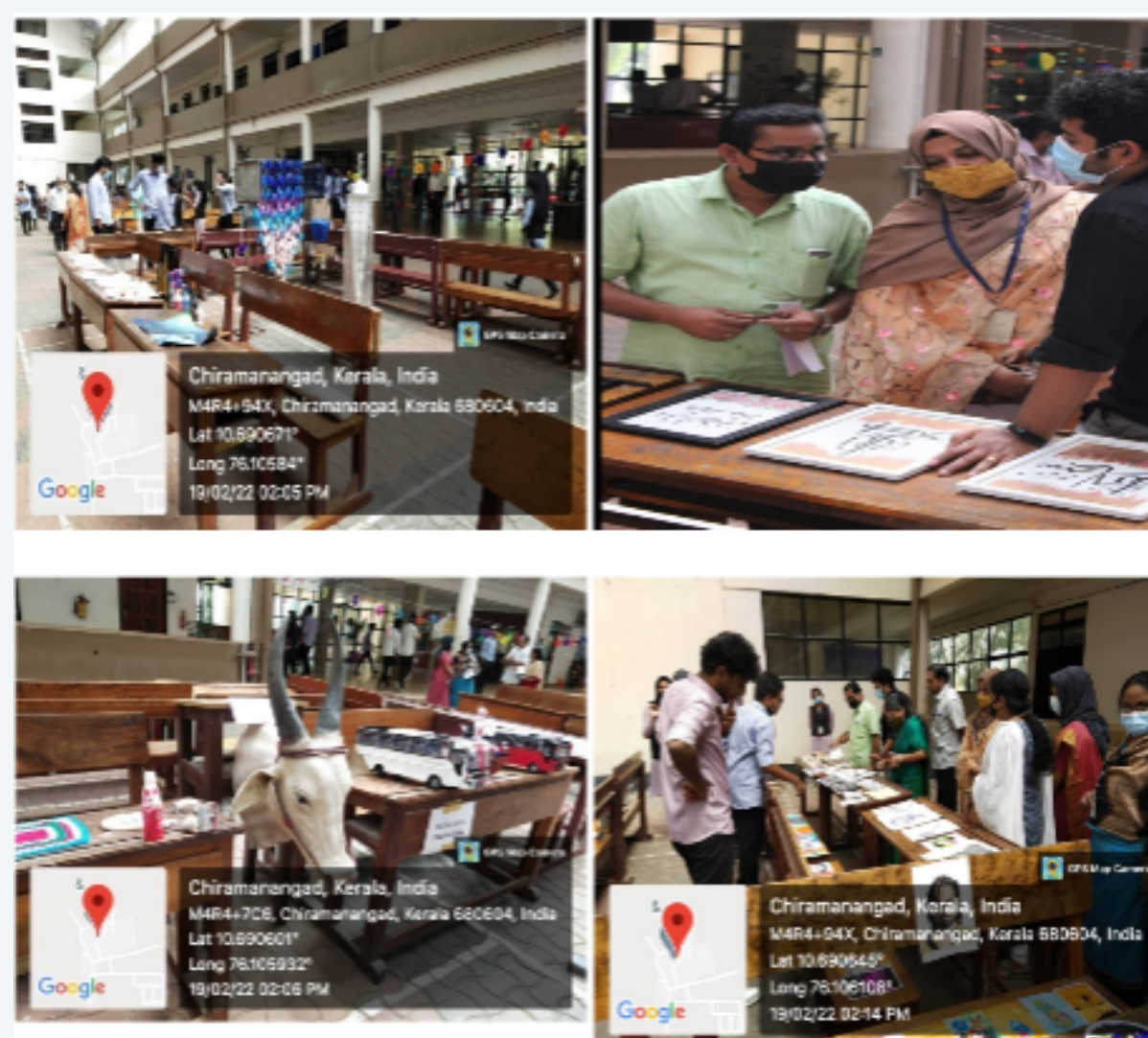
Film photography and Literacy club RCET, conducted a live webinar on "Wildlife Photography" on 12th February between 2:30 pm and 3:30pm. The resource person was Dr. Aparna Purushothaman, Wildlife Photographer. The speaker spoke about her wildlife photography experience and technical versions to take a photo. She gave a wide picture about the wildlife photography. Dr. Devi V, principal RCET, Prof. Krishnakumar, HOD/ECE & Dean of student affairs and Dr. Muthukumar, HOD/CE & IQAC Coordinator, delivered the felicitations. After the student's interaction section, the webinar ended with the vote of thanks delivered by Mohammed Shabin, S5 CE.



ROVENT 2K22

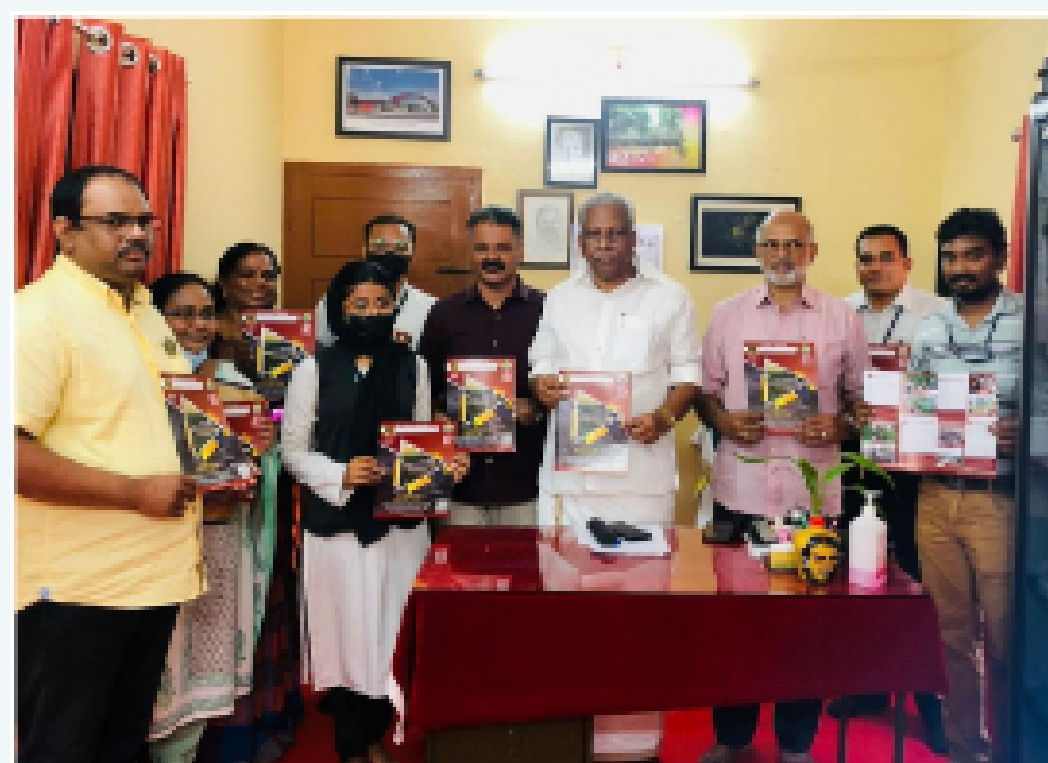
The ROYAL ART AND CRAFT CLUB of Royal College of Engineering and Technology has been organized an expo named 'ROVENT2K22' for the students to exhibit their talents in artistry. It was held on 19th February 2022 in RCET campus. The main objective of this expo is to provide a platform for the students to unleash their dexterity. It also allows students to work together in group to learn from each other.

After the inaugural session, expo was conducted individually by all departments. The exhibits were evaluated by a panel of distinguished judges drawn from each department. Along with the exhibition, RCET students also introduced various foods and gaming stalls in the college premises. The event witnessed the participation of students for the different on-the-spot competitions also. Civil department and Computer science & engineering department secured first and second prize in the program.



ADMISSION BROCHURE 2022

Admission brochure of RCET, 2022 was released by honourable MLA of Kunnamkulam Sri. C A Moideen (Ex industrial minister of Kerala) on February 28 at 12:15 pm. Mr. V P Salim CEO, Treasurer Mr. K M Hyderali, Mr. Krishnakumar R, HOD/ECE and other dignitaries were present.



MoU SIGNING CEREMONY

Royal College Of Engineering signed an MoU with Manifold Institute of Technical Education, Thrissur on 2nd February. The signing was done by Dr. Devi Balakrishnan, Principal RCET with the representatives of the institute. HoDs and other dignitaries were present.



Food distribution by NSS

NSS Unit of RCET conducted a food donation program on March month beginning. The smallest act of kindness is worth more than the grandest intention. The program was done at Kunnamkulam, Changaramkulam and Guruvayur.

Dhanak prize distribution

First year students and Civil Engineering department secured first and second prize in "DHANAK 2021" respectively. CEO Mr. Salim V P and Principal Dr. Devi V distributed prizes to the winners.



Women's day celebration

IETE-ISF RCET, in association with, Women's club and ICC RCET, organised women's day celebration on 8/3/22 at 2.00pm in the seminar hall.

The program was inaugurated by Dr. Devi V, Principal RCET and Amrutha M, HOD/EEE (ICC co-ordinator). Radhika E R, AP/ECE (ISF and women's club co-ordinator) delivered felicitation speech. Aiswarya P B of S8 CE had a talk on Women's day. All the girl students, who got achievement in academic and non-academic competitions were honored in the function. Various cultural programs were performed by student and faculty members.



Digital disease and stress management

NSS Unit of RCET in association with SSSDF organized a seminar on Digital disease and stress management. It was conducted on March 14th. The chief resource Person was Mr. Rishi Raj Singh IPS, Rtd Director General of Kerala Police.

Principal Dr. Devi V delivered presidential address, CEO Mr. Salim V P and Royal Educational Society Treasurer Mr. K.M Hyderali gave the felicitations. On this occasion Mr. Rishi Raj Singh presented his book "Vaikum Munpe" to the Principal. College union Chairman Mr. Shafi delivered the Welcome Speech and Ms. Nidha College Union Vice Chairperson delivered vote of thanks.



Seminar on Computer hardware fundamentals

R-SAIL of RCET conducted a seminar on "Computer hardware fundamentals" on 19th March from 10:00 am to 12:00 pm. The resource person was Mr. Siju C C, System administrator.

Seminar on "How to reduce your electricity bill?" & Inauguration of Teaching learning center

R-SAIL of RCET organized a workshop in the topic "How to reduce your electricity bill ??" handled by Mr. V.K Haridas (Assistant Professor EEE) on 25-03-2022. Mr. Sankunny.T.M, (Technical staff ME) welcomed all the participants to the program. Our Principal Dr. Devi.V addressed this session. CEO Mr. Salim appreciated Mr. Haridas for his smart and continuously learning effort. HoDs, technical staff, office staff & faculty members attended the programme.

On this occasion another inauguration process too was carried out. Mr. V.K Haridas inaugurated the Teaching Learning Center in the presence of CEO, Principal and other staffs.



Seminar on Electricity protection & energy conservation and laptop distribution

RCET organized a seminar on "Electricity protection and energy conservation" on 25th April at 9:30 am. The inauguration of seminar was done by Mr. A.C. Moideen, MLA. The discussion was carried out by Thrissur Electrical Inspectorate officers. Also on this occasion, laptops were distributed to meritorious students.

Effective plastic waste management and Hands-on workshop in Paper bag making

Student's Social Skill Development Forum of RCET in association with Art & craft club, RSAIL, Environmental Club conducted a seminar on Effective plastic waste management and Hands-on workshop in Paper bag making. The resource person was Mr. Ullas Innocent Raj, Associate Professor, Department of Mechanical Engineering, Marian Engineering College, Trivandrum



Pedagogical Approach Towards Outcome Based Education

Internal Quality Assurance Cell in association with Teaching and Learning Center organized a program on the topic "Pedagogical Approach Towards Outcome Based Education". The chief resource person was Dr. Anupama Ghattu (Associate Professor, Teaching and learning centre, SRM University, Andhra Pradesh). The program was conducted on 6th May via Google Meet platform.

Motivational talk and Hands on workshop on Paper pen making

ROYAL ART AND CRAFT CLUB, RCET in association with SSSDF, RSAIL and Environmental Club conducted a program on "Motivational talk and Hands on workshop on paper pen making". The resource person was Ms Kavitha P Keshavan, District secretary, Thrissur, All Kerala wheelchair rights federation. After the paper pen making session she officially inaugurated the 'paper pen making unit of RCET'. Around 125 students participated in the program

Date: 07.05.2022 . Venue was Seminar hall, main block. The program started by 2:00 pm.



INAUGURATION OF PAPER BAG AND PEN MAKING UNIT OF RCET

Royal College of Engineering and Technology celebrated Environment Day on June 5th 2022. Erumappetti Sub-Inspector Shri Anuraj inaugurated the paper bag and pen manufacturing unit started by the College's Art and Craft Club and SSSDF with the objective of a plastic free campus. Student Coordinator Shiny Latheef presented a paper bag and pen to SI Anuraj. College CEO VP Salim, Principal Dr. Devi. V, Secretary NV Moithunni, Art and craft club convener Praveen K P and SSSDF convener Geno John were present on the occasion. Sub-Inspector Anuraj and Professor Krishnakumar.R delivered the felicitation speech.

Paper bags are gaining importance as these bags are 100% reusable, recyclable, biodegradable and at the same time environment friendly and create less threat to wildlife. It requires less energy for paper bags to be recycled than plastic bags. And also the problem with the plastic pens is that they cannot be easily recycled unlike newspapers as they are made of plastic. Plastic is an element that can never be decomposed completely. The paper pens, a great alternative to plastic ballpoint pens, don't just address the plastic hazard but also contain seeds that can grow into trees and plants. Royal college of engineering & technology started paper bag & pen manufacturing unit by aiming 100% plastic free campus.



Motivational talk and Hands on workshop on Paper pen making

ROYAL ART AND CRAFT CLUB, RCET in association with SSSDF, RSAIL and Environmental Club conducted a program on "Motivational talk and Hands on workshop on paper pen making". The resource person was Ms Kavitha P Keshavan, District secretary, Thrissur, All Kerala wheelchair rights federation. After the paper pen making session she officially inaugurated the 'paper pen making unit of RCET'. Around 125 students participated in the program

Date: 07.05.2022 . Venue was Seminar hall, main block. The program started by 2:00 pm.



INVITED TALK & HANDS-ON WORKSHOP

Student's Social Skill Development Forum (SSSDF) of RCET and NDLI QUESTA Club RCET celebrated the environmental day on 14.06.2022 (02.30 pm), the main programs were 1. Honors Sri. SHANIL MADHAV (Winner of Kerala state teacher farmer award), 2. Talk on agriculture and environmental thinking, 3. Paper bag-making training for students from various schools.

The program was arranged under AICTE-Scheme for Promoting Interests, Creativity, and Ethics among Students (SPICES). Art & Craft club, RSAIL, and Environmental forum were associated with the programs. Overall, 50 students from Concorde English Higher Secondary School, Pannithadam, and students from the college attended the talk as well as the training session.

The program was inaugurated by Principal, Dr. Devi V. Welcome address was delivered by Program coordinator Mr. Geno John K, the talk by chief guest Shanil sir was very informative and the Workshop handled by Sankunny sir was very interesting. At the end of the sessions students made paper bags individually. The materials for paper bags were provided by Paper bag making unit RCET. The chief guest was honored by the principal, Mementos for the chief guest and workshop trainer were handed over by the program coordinators. Vote of thanks was delivered by Mr. Sudevan sir.

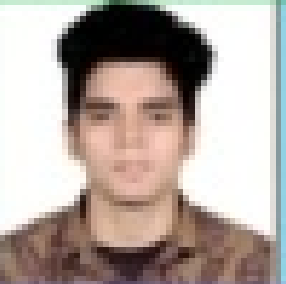
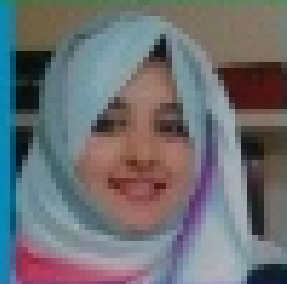
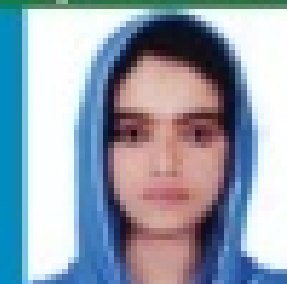
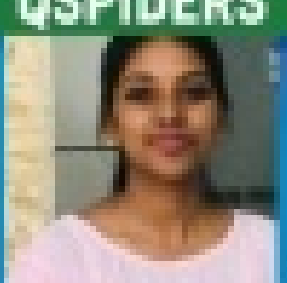
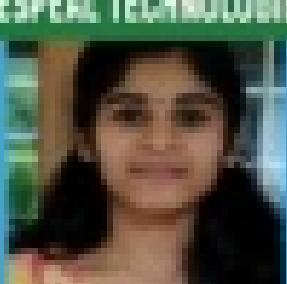
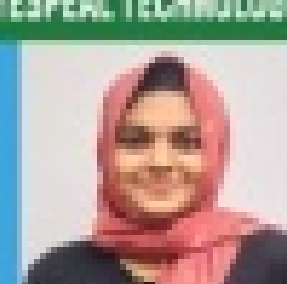
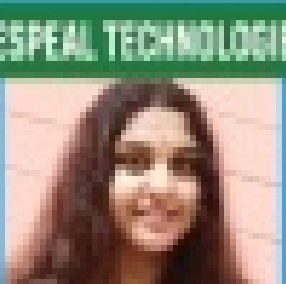


Placement Activities

The Training and Placement cell aims to provide students with an environment where they can use their potential to extreme along with gaining valuable experience of working in the industry, it is a network of communication between various companies seeking talented young graduates and post graduates in various disciplines. Many National and Multinational companies visited the college for recruitments. Following are the details of students who got placed in different firms....

Royal Training and Placement Cell

PLACEMENTS IN 2021-22

WIPRO  ALIFA ABDOOBACKER	TCS  SHALVIN SHAJI	TCS  NADEEM TV	TCS  AISHWARYA, P.B	QSPIDERS  YUSRA MOIDUTTY
QSPIDERS  R.S.VINEETHA	QSPIDERS  NEBULA	QSPIDERS  STIBINU BIJU	QSPIDERS  ALAN T.P	QSPIDERS  SHERIN SHIFANA
QSPIDERS  SREESHMA J	QSPIDERS  ALMAS AFRUDHEEN	QSPIDERS  MARY C WILSON	QSPIDERS  MUFEEHDA JASMIN	QSPIDERS  JOSEPH ANTONY
YESPEAL TECHNOLOGIES  KAVYA SURESH	YESPEAL TECHNOLOGIES  UNNATHI K	YESPEAL TECHNOLOGIES  MUBIN ABDUL KHADER	YESPEAL TECHNOLOGIES  ANGEL JOY	YESPEAL TECHNOLOGIES  RITHIK M.R
YESPEAL TECHNOLOGIES  HASEEB RAHMAN	YESPEAL TECHNOLOGIES  MIRVA	YESPEAL TECHNOLOGIES  DEMIN C.D	YESPEAL TECHNOLOGIES  HASMA ALI	YESPEAL TECHNOLOGIES  SREECHAND C
YESPEAL TECHNOLOGIES  SHAHALA SHAMEER	YESPEAL TECHNOLOGIES  SIMI GOPI	PENTAGON SPACE  SURYA S. NAIR	ASHOK LAYLAND  VYSAKH P	EDVOY  SANDRA

Placement Activities

**The training and placement cell conducted a placement drive in association with Qspiders company ,Bangalore through online platform.3 students from the RCET got offer letter in the same.*

**Ms. Sandra P V of S 8 CSE got placed in edvoy company as UI/UX intern.*



**Ms.Chitra K of S 7 CSE got placed in Aspire Systems as Trainee Engineer.*



ELECTRONICS AND COMMUNICATION ENGINEERING

VISION

To impart excellent technical education for developing ethically sound and globally competent Electronics and Communication Engineers.

MISSION

- To impart extensive knowledge in principles and applications related to design and development of various electronic systems for societal needs.*
- To instill creative thinking through innovative and team based methods which develops the entrepreneur skills, employability and research capability among the graduates.*
- To build the rudiments and skill sets to improve the core competence of students in the field of Electronics and Communication Engineering.*
- To inculcate in the graduates, the thirst for life-long learning and guide graduates to gain expertise in their chosen interdisciplinary field.*

FDP'S / Webinar / STTPs attended

*Mrs. Radhika E R (AP/ECE) ,Mrs. Najiya A R and Mrs. Sreedevi K has participated in a webinar on "Traditional Water Conservation: Issues and Techniques on World Water Day 22/03/2022, organized by Department of Civil Engineering in association with SSSDF, Environmental Forum & NDLI Club. – Resource person was Shri. C R Neelakandan, Indian Environmental Activist.

Faculty Achievements

*Following faculties participated in National Level Quiz Competition (Sabh ka vikas maha quiz):

Mr.Krishnakumar ,Ms. Radhika E R,Ms. Sreedevi K,Ms. Najiya abdulrahiman,Ms. Shefina Asharaf

*The following staffs from ECE department have attended the webinar on PEDAGOGICAL APPROACH TOWARDS OUTCOME BASED EDUCATION " led by Dr. Anupama Ghattu,Associate Professor, TLC- SRM University, Andhra Pradesh,conducted by IQAC in association with Teaching and Learning Center,RCET on 6th may:Ms. Radhika E R,Ms. Shefina Asharaf

Student Activities and Achievements

*STERIN C ,The student of ECE bagged special jury prize for patriotic song competition held on 26 th Jan 2022 conducted by SSSDF in association with music club of RCET

*Fifteen students from S5 ECE attended a ten days training program on Android studio delivered by MC Technologies

*Mr. Sterin P.J student from S6 ECE has presented the project FLAVOR BOX - AI Integrated Automatic Chef at the 2nd Round of 11th CSI-InApp International Student Project Awards 2022 held between 21st and 22nd May 2022.

*Mr. Sterin P.J student from S6 ECE selected as a CHIEF TECHNICAL OFFICER to IEDC Cell during the academic year 2021-22.

Department Activities

*Student Union Election was conducted as per the KTU Notification on 10 th Jan 2022 .Following are the names of ECE representatives: Surya s Nair-S7/ECE, Navya ashok-S5 /ECE.

*As a part of International Women's Day , HOD charge was given to Mrs. Radhika E R (AP/ECE).

*6 days Industrial Visit/Tour for S8. ECE was conducted from 19/3/22 to 24/3/22.17 students and Mrs.Shefina Asharaf AP/ECE from ECE department Participated in the Tour program.The company visited was Ingenious Power and Control Systems Pvt Ltd,Zamorian's Squire , Railway Link Road , Calicut.Trip was to Dendeli-GOA.

*Skill development program- Aptitude Test was conducted for S8 ECE students on 10/03/2022 by Mrs. Savitha Vasudevan(AP/ECE).

*Department of electronics and Communication Engineering conducted a seminar on the Topic " Engineers –Welcome to the Industrial Life Style". One of the Resource person was our 2014-18 Batch Alumni Mr. Adarsh T S ,Program Manager Apses.

*The Inaugural function of Royal Electronics & Communication Students Association (RECSA) was conducted on 16th May 2022 at Seminar hall, RCET. Chief guest was Mr.Kishore E U,Senior Engineer- Keltron(ECE Alumni).

VISION

To grow as a reputed centre of excellence with best facilities for learning and research, producing outstanding Civil Engineers

MISSION

- To develop highly competent professionals, capable of excelling in challenging positions in civil engineering, lifelong learning, and societal leadership.*
- To promote and undertake research, relevant to civil engineering industry and to strengthen relationship with all stake holders for holistic development of mankind.*

Faculty Joined/Relieved

*Ms. Krishnendu V R joined as Assistant Professor in Department of Civil Engineering on 4th March 2022.

*Ms. Silpa P C joined as Assistant Professor in Department of Civil Engineering on 18th April 2022.

*Ms. Gayathri M N, Assistant Professor, Civil Engineering Department is relieved w.e.f. 31/3/2022 AN.

*Ms. Anjana K R, Assistant Professor, Civil Engineering Department is relieved w.e.f. 31/3/2022 AN.

PhD Degree

PROF. N MUTHU KUMARAN, Prof. N Muthu Kumaran (HOD-CE) acquired Ph.D Degree in Civil Engineering (Research Topic - Effect of nano materials on roughness coefficient of rectangular channels and OGEE spillways) from Karunya Institute of Technology and Sciences w.e.f. 21/12/2021.

FDP'S / Workshop /

Webinar / STTPs attended

* Ms. SHAAMILY MONIKA (AP-CE) has participated and successfully completed 5-day online FDP on "Inculcating Universal Human Values in Technical Education organized by AICTE from 20 th December 2021 to 24 th December 2021.

Staff Achievements

Dr. N Muthukumaran: Bestowed as a guest speaker in the six days online faculty development programme on "Applications of remote sensing and GIS for groundwater management studies" conducted by Department of Civil engineering, Vel Tech Rangarajan Dr. Sangunthala R&D Institute of Science and Technology, Avadi, Chennai during 23rd to 28 th may 2022.

Student Activities and Achievements

*Ms. Amreen Siraj (S3 CE) won special jury prize for patriotic song competition held on behalf of Republic Day on 26 th January 2022.

*Ms. Risana Abdul Rasheed (S6 CE) won First prize in the Rovent 2k22 English Short Story Writing Competition held on February 2, 2022

*Ms. Sona Hamda P K (S6 CE) won second prize in the Rovent 2k22 English Short Story Writing Competition held on February 2, 2022.

*Mr. Manu P (S4 CE) won first prize in the Rovent 2k22 Cartoon Contest held on February 2, 2022.

*Ms. Sreeshma Rajan (S4 CE) won second prize in the Rovent 2k22 Pencil Drawing Competition held on February 2, 2022.

*Ms. Sreeshma Rajan (S4 CE) won second prize in the Rovent 2k22 My Favourite Cartoon Character Drawing held on February 2, 2022.

*Ms. Aiswarya P B, Ms Majida M and Ms Nasla Nazeer M as a team (S7 CE) won First prize in the Quiz Competition organized by civil Engineering Association SPACE, held on 17 th March 2022.

*Ms Atika Farheen, Ms Haritha and Ms Shadiya Shamsudheen as a team (S7 CE) won second prize in the Quiz Competition organized by civil Engineering Association SPACE, held on 17 th March 2022.

*Ms Sahdha and Ms. Dhilna (S6 CE) as a team won the First prize in the Mehendi Design Competition held on 30 th April 2022.

*Ms Shahana P K and Ms. Athulya (S4 CE) as a team won the First prize in the Mehendi Design Competition held on 30 th April 2022.

*Ms. Nidha Shirin Nazar has been selected for Ramanathan Endowment scholarship award for best outgoing civil engineering student.

*S4 and S8 students of the Department of Civil Engineering secured overall first place in college as per the University examination results of S7 and S4 .

Department Activities

*Department of Civil Engineering and Internal Quality Assurance Cell in association with KSCSTE-IPRIC-K and Patent office (Chennai) organized an awareness program on intellectual property rights (IPR) under National Intellectual Property Awareness Mission on 27 th January 2022. Dr.N Muthukumaran (HOD-CE) organized the program.

*FILM PHOTOGRAPHY AND LITERACY CLUB- RCET in association with the Civil engineering Department organized an online webinar on Wildlife photography on 12th February 2021 at 2.30 pm through Google meet. The key speaker of the seminar was Dr. Aparna Purushothamanan, Teacher & Wildlife photographer. The program was organized with the purpose to aware and sensitize the students about wildlife photography.

*An online photography competition with theme “Shades of RCET” was organized by the Film and Photography club under the Civil Engineering Department on 14 th February 2022.

*A Quiz Competition was organized by the Civil Engineering Association SPACE for the final year civil engineering students on 17 th March 2022 at 10.45 am. Mr. Sabith K, Assistant Professor, Civil Engineering Department Coordinated the program. A total of 15 students from S8 Civil participated in the program.

*A seminar on “Traditional Water Conservation Issues and Techniques” was organized by the department of Civil Engineering in association with SSSDF, Environmental Forum and NDLI club on 22 nd March 2022. The resource person was Shri. C R Neelakandan, Indian Environmental Activist.

*Department of Civil Engineering secured best performing department award for the year 2021-2022.

* The Department of Civil Engineering signed an MoU with the Local Self Government Department of Kerala, Kadangodu panchayath . As a part of this, “road mapping survey” was carried out in which all the students of S6 Civil participated.



COMPUTER SCIENCE AND ENGINEERING

VISION

To grow as a globally premier department of Computer Science and Engineering capable of facing challenges of the fast pace of changes in modern Computing industry for the betterment of Society through most appropriate and Ethical practices

MISSION

- *To impart high quality education to students with strong foundation of Computer Science and Engineering through Outcome Based Learning (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 innovative, 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.*

Faculty Joined/Relieved

*Mr. Shanid Malayil, Associate Professor & HOD– CSE Dept. was relieved on 21/12/2021.

*Mr. Vishal G Velayudhan, Instructor - CSE Dept. was relieved on 25/03/2022.

*Ms. Rahana R M has joined as Instructor in Computer Science & Engineering Department on 01/4/2022.

*Mr. Vijesh K, Assistant Professor - CSE Dept. is relieved on 30/05/2022.

FDP'S / Workshop / Webinar / STTPs attended

Ms.Lemya Sainudeen, AP/ CSE
*attended 5 days online FDP on the theme "Inculcating Universal Human Values in Technical Education" organised by AICTE from 8/11/2021 to 12/11/2021.

Ms.Nisha S M , AP/ CSE attended 5 days online FDP on the theme "Inculcating Universal Human Values in Technical Education" organised by AICTE from 8/11/2021 to 12/11/2021.

*Ms.Anitha L,AP CSE,Ms.Lemya Sainudheen,AP CSE ,Ms.Prajitha,AP CSE attended a 5 day STTP sponsored by AICTE on "High performance computing and deep learning on image and text analysis " organised by Dept. of CSE,Mar Baselios College of engineering and technology from 21 March,2022 to 25 March,2022.

Faculty Achievements

*Dr.Arun Anoop M., HOD –CSE, shared his valuable knowledge as a guest speaker on CEP course content about "Cyber security importance and it applications" organized by Sri RaajaRaajan College of Engineering& Technology,Karaikudi, Tamilnadu.

*Dr.Arun Anoop M., HOD –CSE, shared valuable knowledge as a guest speaker on "Latex hands on Training webinar" for M.Tech first year Computer Science and Engineering students of Royal College of Engineering & Technology, Trissur organized by IT Division, RCET.

Dr.Arun Anoop M., HOD –CSE has published a book named "Database management systems(KTU Syllabus)" for all fifth semester students of Kerala Technological University based on "Database Management Systems Lab syllabus".Book Publisher: Shanlax Publishers, Madurai,ISBN 9789393737892

Dr.Rasmi has written an article research paper on "Food wastage management using android application" approved by review committee and published in Vol-12,Issue-1 March 2022.

Dr.Arun Anoop M., HOD –CSE. published a chapter titled "Healthcare Data Analytics in Internet of Healthcare Things" in the book titled "Hands on artificial intelligence for the internet of medical things emerging trends issues and challenges" by CRC press Taylor & Francis group.

*Dr.Arun Anoop M,HOD CSE reviewed an international journal article.Journal name: Taylor & Francis Group(The imaging Science Journal)..

COMPUTER SCIENCE AND ENGINEERING

*Dr. Arun Anoop M: Submitted abstract 'Chapter 3: Medical Image Detection & Recognition using Machine Learning and Deep Learning' for CRC t&f book chapter "Machine learning and deep learning techniques for medical image recognition".

*Dr. Arun Anoop M: Book chapter abstract "Data analytics for Disease prediction" accepted. Publication : IFERP, Technoarete Group. Book: Machine Learning Algorithms for Intelligent Data Analytics.

Student Activities and Achievements

Ms.Krishnapriya N B of S 5 CSE got elected as Magazine editor of Student's Council RCET and Mr.Shalivin Shaji of S 5 CSE got elected as University Union Councilor of Student's Council RCET.

*Ms.Suneethi T P of S 5 CSE got first prize and Ms.Hacy Mary of S 5 CSE got third prize for 'Patriotic Song Competition' conducted by Student's Social Skill Development Forum of RCET in association with Music Club RCET.

Ms.Nabeesathul of S 1 CSE got third prize for Quiz competition on AIDS awareness 'MAKE-UP 2021 TRYOUT QUIZ' conducted by RCET.

CSE department secured second prize in "ROVENT 2K22 EXPO" conducted by ROYAL ARTS & CRAFT CLUB.

*Ms.Shabeena O of S 1 M.Tech CSE got first prize for "Abstract Writing Contest 2022" conducted by NDLI-QUESTA CLUB in association with CSE department RCET.

*Ms. Sandra P V of S 8 CSE got placed in edvoy.

RCET CSE Alunimi (2005 -2009)Batch conducted a reunion at Dubai on 28 th May 2022.

Department Activities

*On January 26 th department of COMPUTER SCIENCE AND ENGINEERING IN ASSOCIATION WITH CSE ASSOCIATION AND IQAC conducted a webinar on "Republic day thoughts in the pandemic time: The desirability of a silent student community". It was conducted on 26 th January from 11 am to 12 pm.

*CSE Department in association with NDLI QUESTA CLUB organized "ABSTRACT WRITING CONTEST 2022".

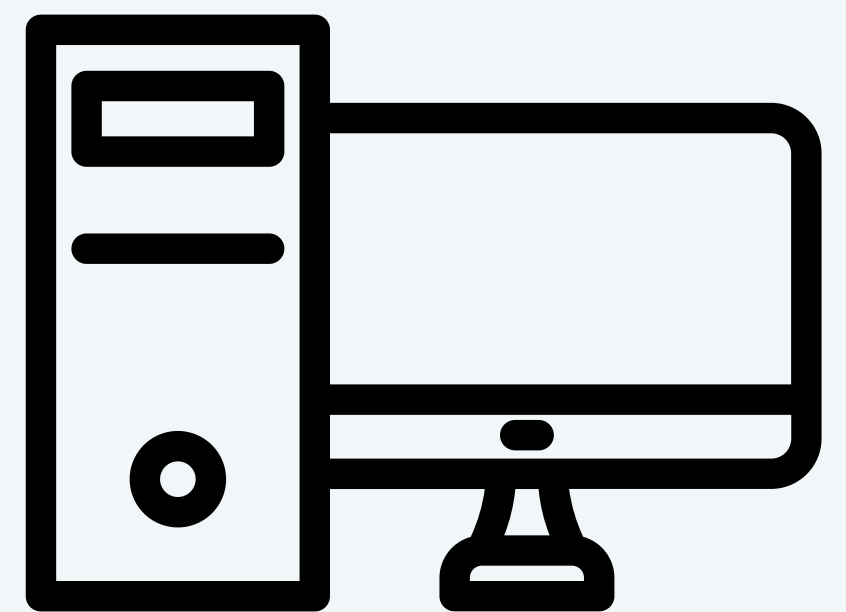
*R-SAIL of RCET organized workshop at SDPK lab (Room No.417), about COMPUTER HARDWARE FUNDAMENTALS on 19-03- 2022, handled by Mr.Siju.C.C (System administrator CSE). Mr.Sankunny.T.M, (Technical staff ME) welcomed all the participants to the programme. The technical staff from all departments, HoD, faculty members and students from Computer Science department attended the programme. More than 30 participants were in this session.

*The Department of Computer Science and Engineering, Royal Engineering College in association with DevOps Gurukul organized an online session on 9th April 2022(9:30 am-10:30 am). Topic was: "Taking informed career decisions - is DevOps and Linux system administration right for me?".

*The CSE department association 'VOICE- Vision of Imperial Computer Engineers Association of CSE' is a platform for students to exhibit and bloom their technical talents. The inaugural ceremony for the academic year 2021-22 was conducted on 30 th May 2022, 01.30pm at seminar hall. The function was commenced with a welcome speech by Dr. Rasmi Associate Professor, CSE.

* Dr.Rasmi welcomed all the dignitaries and the audience wholeheartedly. Dr. Devi V, Principal-RCET gave the presidential address, and also she appreciated the students and staffs of Computer Science and Engineering department for organizing this event. Dr. Arun Anoop M, HoD CSE gave the HoD Address. In this he gave a brief introduction about the chief guest. The inaugural address was given by the Chief Guest of the program, Mr. Lomin Joy V, Project Engineer IIT Palakad.

*On the date of 30 th May 2022, Sports club had conducted an extreme bike stunt (Burnout 2.0) in association with CSE department from 3:30PM-4:30PM.



VISION

To create ethically strong Electrical engineers with Eagerness in lifelong learning and Enterprise skills

MISSION

- *To offer high quality education in Electrical and Electronics Engineering to help the students to sharpen their professional skills.*
- *To enable competency in graduates on contemporary technologies through continuous improvement programs.*
- *To inculcate the spirit of research, enterprise skills and ethical values among the students.*

Staff Achievements

*Mr. Praveen K P successfully completed online 5 Day online FDP on “Inculcating Universal Values Intechanical Education” from 3rd Jan to 7th Jan 2022.

Ms.Nithya N menon successfully completed online 5 Day online FDP on “Inculcating Universal Values In technical Education” from 31st Jan to 4h feb 2022

Student Achievements

*Ashikha T (S5/EEE) attended a webinar on skills for surviving 21st century challenges held on 31st Jan 2022 by Skilling India

*Student Union Election was conducted as per the KTU Notification on 10th Jan 2022 .Following are the names of EEE representatives.

Arjun C S- S7/EEE

Ashikha T K-S5 EEE

*Alwin Peter of S5 EEE bagged prizes for coconut carving in the expo ROVENT 2K22 competition held on 19th FEB 2022 conducted by Arts & Crafts Club of RCET

*Vineetha K S of S7 EEE bagged prizes in 4*100 mts & 800 mtrs relay for annual sports and games conducted by sports Club of RCET

*The following students from S6 EEE have attended the webinar on the topic “ Electric and Future Mobility” organized by Techmaghi in association with Science and Technology Council, IIT (BHU)Varanasi from 14/05/2022 and 15/05/2022:Akhil PS,Mohammed c Kamil ,Nikhil Krishna A P

*The following students from S8 EEE got prize in project expo conducted by IEDC:

1st prize : Mohamed Siyas and Aysha Fahima.(Project -“ Hybrid Electric Wheel Chair”)

2nd prize : Arshad M and Dhilshad K.S. (Project -“Hybrid Electric Cycle”)

Department Activities

*IE (I) EEE Student chapter in association with department association RACE & ESCON conducted one day hands-on workshop on “ INDUSTRIAL AUTOMATION (PLC and SCADA)” on 17/03/2022 for final year EEE students . Resource person was Mr. Ramadasan Nair of MAXWELL’S

ENGINEERING ACADEMY, Thrissur

*Students of S8 EEE done an industrial visit from 19/03/2022 to 24/03/2022. The faculty members who accompanied were Mr. Vishakh S Nair , AP/A&H and Ms. Shafeena, AP/ECE. They also visited some historical places and tourist spots.

Electrical and Electronics department organized an Ifthar meet on 22/4/2022, Friday at RCET. Ramadan brings us peace in our hearts and makes us want to be better human staff & students sat down and have a blessed meal together.

*Electrical and Electronics department in association with IEDC conducted project competition on 04/06/2022. The students presented their projects with innovative technologies and ideas. Both hardware and software projects were implemented by the students and made demo presentation to the judging panel.

* IE(I) in association with ESCON conducted a quiz competition on the topic “ Environmental pollution” on 18/05/2022. Students from various departments participated in the event. The quiz was conducted in two stages. Arjun C S from S8 EEE got first prize, Mohamed Ruwais from S8 EEE got second prize and Mohammed Sawaj from S8 EEE got third prize.

VISION

To excel in the field of Artificial Intelligence and Data Science by developing competent and ethical professionals focusing lifelong learning through outcome based education.

MISSION

- *To impart value based technical education meeting global standards incorporating latest techniques and facilities.*
- *To provide innovative concepts to help students develop solutions for the benefit of society and hence to meet global challenges through innovative projects.*
- *To establish industry institute interaction activities to enhance the research, entrepreneurship and problem-solving skills.*

Faculty Joined/Relieved

*Ms. Anjana K R (AP/AD) relieved from the service on March 31st 2022.

*Ms. Rehna C A, AP/AD joined on 6th April 2022

* Ms. Silpa P C, AP/AD joined on 18th April 2022.

* Ms. Shalu Makboon, AP/AD joined on 19th April 2022.

*Ms. Neethu P R (AP/AD) relieved from the service on 13th March 2022

Faculty Achievements

*Dr. Kiran P (HOD/AD) published a paper titled "A new agent based machine learning strategic electricity market modeling approach towards efficient smart grid operation", in the Scopus indexed book 'Applications of Artificial Intelligence in Planning and Operation of Smart Grids', Springer, March 2022.

*Ms. Sunena Rose (AP/AD) published a paper titled "Automated diagnosis of diseases using integrated machine learning approaches" in the Scopus indexed book ' Proceedings of the 13th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2021)', part of the 'Lecture Notes in Networks and Systems' book series, vol 417. Springer, Cham. https://doi.org/10.1007/978-3-030-96302-6_18.

FDP'S / Workshop / Webinar / STTPs attended

*Mrs. Neethu P R (AP/AD) and Mrs. Sunena Rose (AP/AD) has participated in the FDP on Artificial Intelligence and Data Science organized by Department of Computer Science and Engineering, Sree Narayana Gurukulam College of Engineering, Kerala from 17/3/2022 to 19/3/2022.

*Dr. Kiran P (HOD/AD) has participated in a webinar on Machine Learning Algorithms and Behaviour of Data on 4/03/2022, organized by Bharathiya Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi.

*Ms Sunena Rose M V completed 5 day online FDP on the theme "High Performance Computing and Deep Learning for Image and Text Analysis" held from 21/03/2022 to 25/03/2022– Certificate issued on April 2022 - Organized by the Department of Computer Science and Engineering, Mar Baselious College of Engineering and Technology.

*Ms Sunena Rose M V completed 5 day online UHV program on the theme "Inculcating Universal Human Values in Technical Education" held from 28/03/2022 to 1/04/2022 – Certificate issued on April 2022 - Organized by All India Council for Technical Education (AICTE).

Student Achievements

*Anas M K and Joel Varghese of S1 AD have completed 10 days internship training in 'Cyber Security' from 2nd January 2022 at ZINDOT TECHNOLOGIES, Kochi.

*Anas M K and Joel Varghese of S1 AD has completed the Voice of Customer (Voc) Training held on 2021 December as a part of the Young Innovators Programme (YIP) conducted by the Kerala Development and Innovation Strategic Council (K- DISC)

*Mr. Mohammed Anshif of S2 AD got consolation prize in "Abstract Writing Contest" conducted by NDLI club, RCET on 14th March 2022.

MECHANICAL ENGINEERING

VISION

To progressively Mould and Empower students as Curious young versatile leaders in the field of mechanical engineering and technology Habituating Lifelong learning, and to grow as a renowned knowledge hub.

MISSION

- To transform students as socially committed professionals with sound engineering knowledge, creative minds, leadership qualities and practical skills.*
- To provide the students with excellent academic environment, ethical guidelines and lifelong learning needed for a long productive career.*

Student Activities and Achievements

*Sports and games Overall champion was Mechanical Department with total points of 108. Trophy was handover to Rinsha, Shahid and Anurag (Students of S7 ME) By Mr. Salim V P (CEO) and Ms. Devi V (Principal) on 14/01/2022.

*Students of S7 ME participated in Patriotic song competition and won special Jury prize conducted on 26/01/2022 organized by SSSDF of RCET in association with MUSIC CLUB RCET.

- Kashinadh K P-S7 ME & Amal T-S5 ME selected as Arts Club secretary and Sports Secretary respectively in Students council RCET 2021-22.

- Students of ME department won prizes in "ROVENT EXPO 2K22" organized by Royal Art and Craft Club on 19/02/2022.

- Hrishikesh A of S1 Mechanical won third prize in Versification-Malayalam

- Pranav C R and Sreehari K S of S5 mechanical won Best Craftsman Award.

- Students of 2018-22 Batch scored 100% result in B Tech S6(R,S) Comprehensive Examination

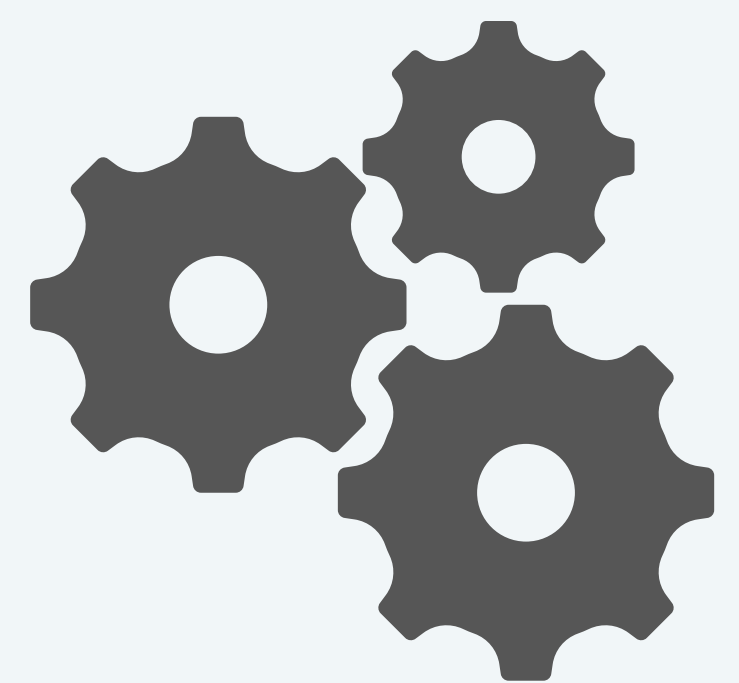
Department Activities

*An Industrial visit was held by students of S7 ME from 20th March 2022 to 26th March 2022 to chickmangalore, Goa and Under the coordination of Mr. K A SANDEEP and Mr. GENO JOHN K (AP/ME) 37 students became the part of this visit.

*A talk on agriculture and environmental thinking was conducted by SSSDF on 13/06/2022 in which Mr. Geno John K (AP/ME) was the coordinator.

"Education is the great engine of personal development. It is through education that the daughter of a peasant can become a doctor, that the son of a mine worker can become the head of the mine; that a child of farm worker can become the president of a great nation."

-Nelson Mandela



APPLIED SCIENCE AND HUMANITIES DEPARTMENT

Faculty Relieved

Mrs Elsa P J has joined as Assistant Professor in the Applied Science and Humanities Department on 04/04/2022.

Mr Napoleon A has joined as Assistant Professor in the Applied Science and Humanities Department on 05/04/2022

FDP'S / Workshop / Webinar / STTPs attended

*Mrs Shahida K M participated in Faculty Development Programme on "Astronomical Studies" under DBT Star College Scheme jointly organized by AICTE Post Graduate and Research Department of Physics and Chiguru CoLab, Bangalore Jamal Mohamad College, Tiruchirappalli from 7/2/2022 to 8/2/2022.

*Mrs Shahida K M participated in Skill Development Programme on "Various Simulation Tools used in research" funded by AICTE from 28/2/2022 to 5/3/2022 organized by Satyabhama Institute of Science and Technology, Department of Physics, in association with AICTE Skill and Personality Development Center.

Department Achievements

*College Arts Day 2022 was conducted on 5th June 2022 with Ms. Asheera L as the coordinator.

*ASH department conducted the Calidad examination 2022 on Saturday 25/6/2022.



Work Report of RCET Central Library and Environmental Forum

Essay writing competition

RCET NDLI-QUESTA CLUB, RCET SSSDF, and RCET NSS Unit No.143 jointly conducted an Essay writing competition titled as INDIA@75. Participants were given a choice to choose either Malayalam or English language. The competition was held online as a part of Republic day celebration (26 January 2022 -11 to 11.30 a.m). The theme given for essay writing was “HISTORY & IMPORTANCE OF REPUBLIC DAY”. 10 students participated in the competition.

The competition was judged by Mr.Krishna Kumar R, Ms.Sruthy Menon and Mr.Sudev.K.

The prize money was sponsored by Mr.Geno John K, for Student's Social Skill Development Forum (SSSDF)

Winners

1st Prize - Ms Shabeena .O, M.Tech-CSE-S1

2nd Prize- Ms Shibili.P- ECE -S5

3rd Prize– Mr Hrishikesh A -ME 1st Year

Talk on Traditional water Conservation

NDLI Club in association with Student's Social Skill Development Forum (SSSDF) of RCET, Environmental forum, & civil engineering department conducted a talk on the topic “TRADITIONAL WATER CONSERVATION: ISSUES AND TECHNIQUES” on 22.03.2022 (Time: 11.00 am- 12.15 pm). The program was arranged under AICTE-Scheme for Promoting Interests, Creativity, and Ethics among Students (SPICES). Our distinguished resource person was Shri. C. R. Neelakandan, Indian environmental activist. The program started with a silent prayer and the Welcome address was delivered by Mr. Sudev. K, Dr.N.Muthu Kumaran Delivered a Felicitation speech. Overall, 60 students participated in the Seminar. The session was so informative. In the end, Mr. Sanal K P, Student coordinator SSSDF of RCET delivered the vote of thanks. And the memento was handed over to the speaker by the SSSDF convener.

Abstract Writing Contest

NDLI QUESTA CLUB in Association with Computer Science Department conducted Abstract Writing Contest for RCET Students on 14-03-2022. Mr.Sudev.K, Librarian, Dr Arun Anoop f HoD-CSE, Mr. Sabith AP/CE, Mr.Raison HoD -ME were the resource persons. Technical support was provided by Mr. Vishal Velayudhan- IT Lab.

10 students participated in the contest. The program was funded by the Principal Dr.Devi.V

Winners

Third Prize

Ms.Shibili.P (ECE)

Ms.Risana Abdul Rasheed (CE)

Second Prize : Ms. Surya S Nair(ECE)

First Prize : Ms. Shabeena O (M.Tech CSE)

Consolation Prize : Mr.Mohammed Anshif(AD)

Work Report of RCET Central Library and Environmental Forum

Invited Talk

Student's Social Skill Development Forum (SSSDF) of RCET and NDLI QUESTA Club RCET celebrated the environmental day on 14.06.2022 (02.30 pm), the main programs were 1. Honouring Sri. SHANIL MADHAV (Winner of Kerala state teacher farmer award), 2. Talk on agriculture and environmental thinking, 3. Paper bag-making training for students from various schools. The program was arranged under AICTE-Scheme for Promoting Interests, Creativity, and Ethics among Students (SPICES). Art & Craft club, RSAIL, and Environmental forum were associated with the programs.

Overall, 50 students from Concorde English Higher Secondary School, Pannithadam, and students from the college attended the talk as well as the training session. The program was inaugurated by Respected Principal, Dr. Devi V. Welcome address was delivered by Program coordinator Mr. Geno John K, the talk by chief guest Mr Shanil Madhav was informative and the Workshop handled by Mr. TM Sankunny was very interesting. At the end of the sessions students were made paper bags individually. The materials for paper bags were provided by Paper bag making unit RCET. The chief guest was honoured by the principal, Mementos for the chief guest and workshop trainer were handed over by the program coordinators. A vote of thanks was delivered by Mr. Sudev.K

Effective plastic waste management and Hands-on workshop in Paper bag making

Student's Social Skill Development Forum of RCET in association with Art & craft club, RSAIL, Environmental Club conducted a seminar on Effective plastic waste management and Hands-on workshop in Paper bag making. The resource person was Mr. Ullas Innocent Raj, Associate Professor, Department of Mechanical Engineering, Marian Engineering College, Trivandrum.

Motivational talk and Hands on workshop

ROYAL ART AND CRAFT CLUB, RCET in association with SSSDF, RSAIL and Environmental Club conducted a program on "Motivational talk and Hands on workshop on paper pen making". The resource person was Ms Kavitha P Keshavan, District secretary, Thrissur, All Kerala wheelchair rights federation. After the paper pen making session she officially inaugurated the 'paper pen making unit of RCET'.

Medicinal Garden

A medicinal garden is being maintained in the RCET campus by ECO club. The team is headed by Mr. Sankunny. This aims to protect our environment. It contains more than 80 species of important medicinal and aromatic plants. The garden of medicinal plants and vegetables is a means of encouraging the student community to better understand benefits of herbal plants.



RCET TOPPERS(CIVIL ENGINEERING)

S7 result toppers(2018-2022 batch)

Rank	Name	SGPA	PHOTO
1	<u>MAJIDA M</u> (S7 : 2018-22 Batch)	9.43	
2	<u>ATIKA</u> (S7 : 2018-22 Batch)	8.6	
3	<u>NIDHA SHIRIN NAZAR</u> (S7 : 2018-22 Batch)	8.57	

S2 result toppers(2020-2024 batch)

Rank	Name	SGPA	PHOTO
1	<u>BASI LA</u> (S2 : 2020-24 Batch)	9.76	
2	<u>BASIMA</u> (S2 : 2020-24 Batch)	9.67	
3	<u>AFRA K V</u> (S2 : 2020-24 Batch)	8.02	

RCET TOPPERS(ELECTRONICS & COMMUNICATION)

S7 result toppers(2018-2022 batch)

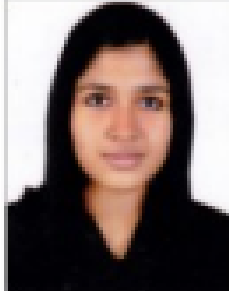
Rank	Name	CGPA	Photo
1	SREESHMA J	8.68	
2	PRINCY M.T	8.57	
3	SURYA S NAIR	6.95	

S4 result toppers(2019-2023)

Rank	Name	CGPA	Photo
1	NAVYA ASOK K.P	8.82	
2	PRASKILLA P PETER	8.82	
3	. SISIRA V.H	8.41	

RCET TOPPERS(COMPUTER SCIENCE & ENGINEERING)

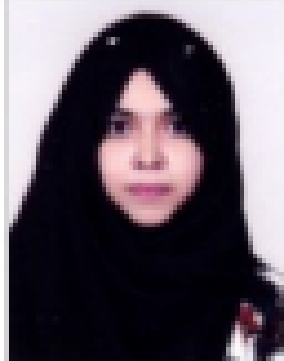
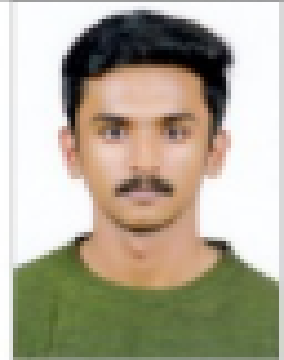
S7 result toppers(2018-2022)

Rank	Name	SGPA	Photo
1	<u>SHALVIN SHAJI</u>	8.77	
2	<u>CHITHRA K</u>	8.70	
3	<u>ALIFA ABOOBACKER</u>	8.34	

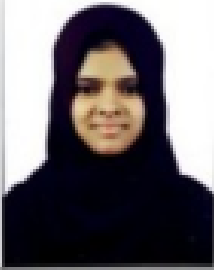
S4 result toppers(2019-2023 batch)

Rank	Name	SGPA	Photo
1	<u>SANA</u>	9.14	
2	<u>ARYA ANANDAN</u>	8.77	
3	<u>AKHIL V A</u>	8.73	

S2 results
toppers(2020-2024)

Rank	Name	SGPA	Photo
1	<u>ASMA C A</u>	8.71	
2	<u>PRAJUL M</u>	8.12	
3	<u>FARHAN CHOLAKKAL</u>	7.26	

S7 result toppers(2018-2022)

RANK	NAME	SGPA	PHOTO
1	Aysha Fahima	7.34	
2	R S Vineetha	7.27	
3	Aleena T Michael	7.14	

S4 result toppers(2019-2023 batch)

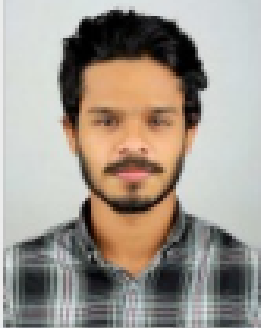
RANK	NAME	SGPA	PHOTO
1	NIKHIL KRISHNA A P	8.73	
2	AISWARYA T	8.18	
3	SHYNI LATHEEF	8	

RCET TOPPERS(MECHANICAL ENGINEERING)

S7 result toppers(2018-2022)

Rank	Name	CGPA	Photo
1	RINSHA .P.K.	8.2	
2	AMAL BABY	7.52	
3	SREEHARI K	7.36	

S4 result toppers(2019-2023 batch)

Rank	Name	CGPA	Photo
1	MUHAMMED MUBASHIR	7.00	
2	ABDUL RAHMAN V P	6.09	

