

**ROYAL COLLEGE OF ENGINEERING  
AND TECHNOLOGY  
(NAAC ACCREDITED INSTITUTE)**

**MONTHLY EVENT REPORT  
JANUARY-FEBRUARY 2022**

## **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”**

## **QUALITY POLICY**

**We at RCET are committed to provide and continually improve quality service in the field of technical education for the overall development of the students and for transforming the institution as a centre of excellence. This we achieve by providing state of the art facilities for keeping the students abreast with the developments in the field of engineering, by faculty up gradation, by providing opportunities for extracurricular development and by giving placement assistance.**

### **Students Union election**

As per the Notification from KTU (Reference No. KTU/ASST(Academic)5948/2021, dated 20/12/21)-The ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY, Akkikkavu conducted the Students Union election for the academic year 2021-2022. The main objective of the election was the formation of our Students Union which will manage the affairs of the Union under the guidance and supervision of the Principal and other senior officials affiliated with our college. The election will be held on 10<sup>th</sup> January 2022. Ms. Shahida K M (AP/ASH) was appointed as the Returning Officer and all other officials required for the whole election process were appointed by the council formed for election. The defective nominations were rejected on scrutiny and the publication of the list of valid nominations was done by 3.30 pm on 03-01-2022.



The seminar hall was prepared for the smooth conduction of the election without any disturbance. Ballot papers were printed confidentially. All the required documents for the proper conduction of the election were prepared confidentially and stored in a safe room. On the day of the election, 10th January 2022 the elected class representatives were called to

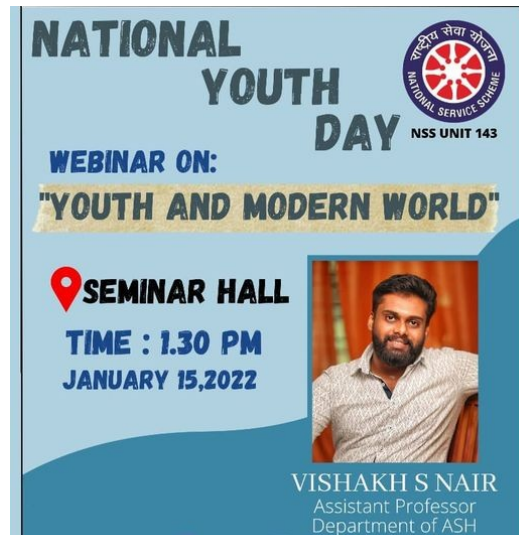
the seminar hall. Dr. Devi Balakrishnan, Principal RCET, Mr. V P Salim CEO, RCET, Ms. Shahida K M(Ap/AS&H) Returning officer, Ms. Amrutha Chemmanur (HoD/EEE) UG Dean, Mr. Krishnakumar K (HoD/ECE) Pg Dean, Dean student affairs and faculties of the different department were present on the occasion.



At the end of the day, the College Union Executive committee with Principal as patron cum Treasurer, Shafin Ahamed C,S7 / CEas Chairman, Nidha Shirin Nazar,S7 / CEas Vice-Chairman, Navya Asok K P,S5 / ECE as General secretary, Krishnapriya N P,S5 / CSEas 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 YOUTH AND MODERN WORLD**

NSS unit of Royal College of Engineering and Technology organized a webinar on Youth and Modern World.The Chief Speaker was Mr.Vishakh S Nair,AP,ASH.The webinar was organized on seminar hall on 15<sup>th</sup> January at 1:30 pm.



### 73<sup>rd</sup> REPUBLIC DAY CELEBRATIONS

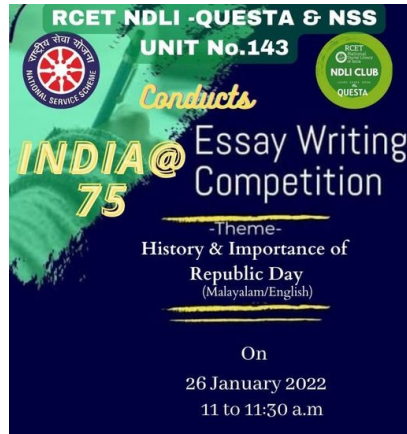
On the occasion of 73<sup>rd</sup> Republic day, NSS unit organized a flag hoisting ceremony at the college campus. Mr. Sudev K (RCET Librarian) hoisted the flag. The function was presided by **Mr. Krishnakumar R** HOD/ECE & NSS Program officer (UNIT NO:143). The program was conducted by strictly following the covid protocol.

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





RCET NDLI -QUESTA & NSS UNIT No.143 conducted Essay writing competition on “History and Importance of Republic Day” on 26<sup>th</sup> January between 11:00-11:30 am.



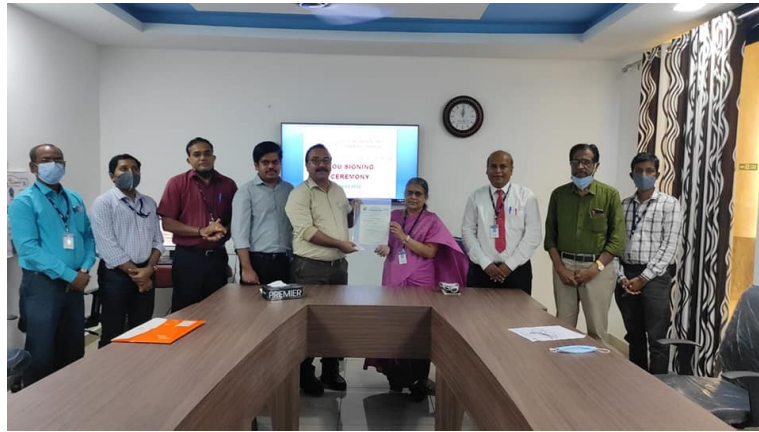
On the occasion of Republic day,SSSDF RCET in association with Music Club RCET Organized a Patriotic Song Competition also.It started by 9:30 am.Songs based on patriotism were sung by students .It was conducted on online platform.



NSS Volunteers of RCET celebrated 73rd Republic Day with Inmates of Mary Matha Cottage,Akkikavu.NSS unit also planted trees and formed a “Nakshathravanam” at our campus on this occasion.

## **MoU SIGNING CEREMONY**

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



## **WEBINAR ON WILDLIFE PHOTOGRAPHY**

Film photography and Literacy club RCET, conducted a live webinar on “Wildlife Photography” on 12<sup>th</sup> February between 2:30 pm and 3:30 pm. The resource person was Dr. Aparna Purushothaman, Wildlife Photographer. The event was conducted on google meet platform.



## ROVENT 2K22

The ROYAL ART AND CRAFT CLUB of Royal College of Engineering and Technology has been organized an expo named 'ROVENT 2K22' for the students to exhibit their talents in artistry. It was held on 19<sup>th</sup> 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. The expo began with the inaugural session at 11:00 am and was inaugurated by Dr Devi V, Principal, RCET.



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.





### International Mother Language Day

International Mother Language Day is a worldwide annual observance held on 21 February to promote awareness of linguistic and cultural diversity and to promote multilingualism International Mother Language Day on Feb 21.NSS Unit Volunteers took Oath and discussed the importance of Mother Language.



## ADMISSION BROCHURE 2022

Admission brochure of RCET, 2022 was released by honourable MLA of Kunnankulam 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.



## **DEPARTMENT ACTIVITIES**

### **DEPARTMENT OF CIVIL ENGINEERING**

#### **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.




#### **STAFF ACHIEVEMENTS**

- 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.
- 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<sup>th</sup> December 2021 to 24<sup>th</sup> December 2021.

#### **Student Achievements**

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

## SIXTH SEMESTER CIVIL ENGINEERING TOPPERS (2018-22 BATCH)

Rank	Name	SGPA	PHOTO
1	<u>MAJIDA M</u>	9.72	
2	<u>SWETHA K M</u>	9.52	
3	<u>NIDHA SHIRIN NAZAR</u>	9.22	

### 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<sup>th</sup> January 2022. Dr.N Muthukumaran ( HOD-CE) organized the program.

DEPARTMENT OF CIVIL ENGINEERING  
&  
INTERNAL QUALITY ASSURANCE CELL  
in association with  
KSCSTE-IPRIC-K and Patent Office, Chennai

**AWARENESS PROGRAMME ON INTELLECTUAL  
PROPERTY RIGHTS (IPR) UNDER NATIONAL  
INTELLECTUAL PROPERTY  
AWARENESS MISSION (NIPAM)**

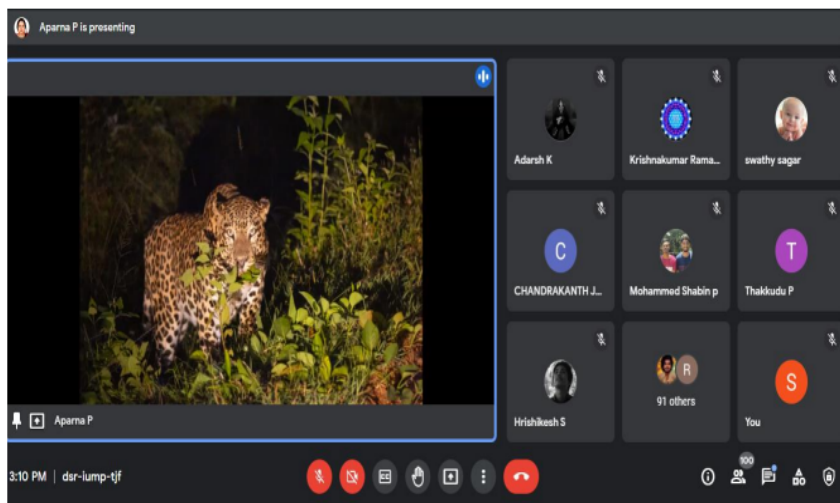
Date: 27-01-2022  
Time: 02:00-03:00 pm

Programme Coordinator  
Dr. N. Muthukumaran  
Associate Professor and HOD-  
Department of Civil Engineering

- A webinar was organized on the topic “Artificial Ground Recharge” on 11<sup>th</sup> February 2022. The session was delivered by Dr. Aswin Kokkat, Senior Project Associate CSIR. 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<sup>th</sup> February 2022.

## **DEPARTMENT OF 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.

### **Student Activities**

- STERIN C ,The student of ECE bagged special jury prize for patriotic song competition held on 26<sup>th</sup> Jan 2022 conducted by SSSDF in association with music club of RCET
- Ms. SisiraV.H of S5 ECE got a Special appreciation award for Woodcarving in “ROVENT 2K22” conducted by Royal arts and craft club.
- Fifteen students from S5 ECE attended a ten days training program on Android studio delivered by MC Technologies

### Department Activities

- Student Union Election was conducted as per the KTU Notification on 10<sup>th</sup> Jan 2022 .Following are the names of ECE representatives: Surya s Nair-S7/ECE, Navya ashok-S5 /ECE.
- ECE department celebrated new year on 4th January . Principal Dr. Devi V inaugurated the function by cutting cake. she wished us a good year ahead .A new year gift given to the principal by HoD Mr. krishnakumar. We celebrated New Year that day by exchanging gifts to the selected new year friends.



- The students of ECE department celebrated new year on 4<sup>th</sup> January .HoD Mr. krishnakumar inaugurated the function by cutting cake.



## **DEPARTMENT OF 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.

### **Staff Joined/Relived:-**

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

### **FDP's / Webinars 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.

## Student Achievements



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



- Ms. Suneethi T P of S<sub>5</sub> CSE got first prize and Ms. Hacy Mary of S<sub>5</sub> 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<sub>1</sub> 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.Chitra K of S<sub>7</sub> CSE got placed in Aspire Systems as Trainee Engineer.



- Ms.Sandra P V of S<sub>7</sub> CSE got placed in Inovace as UI/UX designer.



- Ms.Shabeena O of S<sub>1</sub> M.Tech CSE got first prize for ‘ Essay Writing Competition “ conducted by *Sutudent’s Social Skill Development Forum of RCET in association with NSS RCET & RCET NDLI-QUESTA CLUB.*

### **Department Activities**

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

The event was hosted by Ms Anjana- student of S5 CSE.The resource person (key note speaker) of the program was Dr Valsamma K M visiting



professor of RCET who was the Post-Doctoral Fellow of NBHM, DST gov of India teaching and research.

The program started at about 11am with prayer and welcome speech followed by principal addressal of the program. Then the speaker elucidated about the entire function. The main objective of the program was to build the republican day thoughts into the student. She gave the detailed idea on the importance of the day. The program was really interesting and beneficial to all the students.

Organised by :  
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
*in association with*  
COMPUTER SCIENCE ENGINEERS ASSOCIATION AND IQAC

TOPIC :  
**Republic day thoughts in the pandemic time:**  
**The desirability of a resilient student community**

  
Dr. Valsamma K M  
Resource Person  
Associate professor

  
Ihsana Muhammed P  
Convenor  
Assistant Professor

  
Lemya Sainudeen  
Coordinator  
Assistant Professor

Abhilash Radhakrishnan Pillai (S7 CSE, Member)  
Shirin Shahana (S7 CSE, Member)  
Anjana (S7 CSE, Member)  
Mohammed Nusair K P (S7 CSE, Member)

**WED . 26 JAN**  
**11 AM - 12 PM**

For Details :  
9497394076

Google Meet Link : gja-igde-ftu

## **DEPARTMENT OF ELECTRICAL AND** **ELECTRONICS ENGINEERING**

### **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 Achievement:-**

- Mr. Praveen K P successfully completed online 5 Day online FDP on “Inculcating Universal Values Intechanical Education” from 3<sup>rd</sup> Jan to 7<sup>th</sup> Jan 2022.
- Ms.Nithya N menon successfully completed online 5 Day online FDP on “Inculcating Universal Values In technical Education” from 31<sup>st</sup> Jan to 4<sup>h</sup> feb 2022

**Student Achievement**

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



\*Following students of EEE bagged prizes for patriotic song competition held on 26<sup>th</sup> Jan 2022 conducted by SSSDF in association with music club of RCET

Aiswarya T (S5/ EEE) - 2<sup>nd</sup> Prize

Alwin Peter (S5/ EEE) -Consolation Prize

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

Arjun C S- S7/EEE

Ashikha T K-S5 EEE

\*Alwin Peter (S5/EEE) attended a webinar on world cancer day held on 4<sup>th</sup> Feb 2022 by NSS Vidya Academy Of Science & Technology.



\*Alwin Peter of S5 EEE bagged prizes for coconut carving in the expo ROVENT 2K22 competition held on 19<sup>th</sup> 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

## **DEPARTMENT OF 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.

#### **Students 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 by 3:30 PM.



- 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**

- Conducted Advisory meeting –I for S3 and S5 and Series 1 as per KTU instruction in January 2022.
- Conducted Online classes for S1,S3 and S5 from 25<sup>th</sup> to 30<sup>th</sup> January .
- Conducted second series test for S3 and S5 from 21<sup>th</sup> onwards.

## **APPLIED SCIENCE AND HUMANITIES** **DEPARTMENT**

### **FDP's / Webinars 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, Tiruchirappilli 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.

### **FACULTY ACHIEVEMENTS**

\*Mr Vishakh S Nair led the webinar on “Youth and Modern World” organized by NSS of RCET on National Youth Day, January 15, 2022, at 1.30 PM

\*\*\*\*\*END\*\*\*\*\*