



CARMEL COLLEGE OF ENGINEERING AND TECHNOLOGY
PUNNAPRA ALAPPUZHA 688004

@chö²⁰²¹

LIFE IS AN ECHO WHAT YOU SEND OUT
COMES BACK



THE VOICE OF EEE

ABOUT THE DEPARTMENT

VISION

Moulding Electrical and Electronics Engineers Innovators and Entrepreneurs with Integrity and social commitment

MISSION

To offer quality education and prepare the students for employment entrepreneurship and higher studies.

To inculcate Moral and Ethical human values among the students along with experience and knowledge

To enrich the students with technical skills for sustainable development.

STUDENTS ACHIEVEMENTS

In the academic year 2019-2020, Anjali J and Gokul Krishnan T G from S8 has secured SGPA 10 in 4th semester Btech degree examination ,APJ Abdul Kalam Kerala Technological University.

In the academic year 2019-2020, Anjali S and Neenumol P P from S8 have secured SGPA 10 in 8th semester Btech Degree examination APJ Abdul Kalam Kerala Technological University.

In the academic year 2019-2020, Arun S Got First prize in State level LOGO designing competition for SPARKZ'19 Tech fest.



GOKUL KRISHNAN T



ANJALI J



ANJALI S



NEENUMOL P P



ARUN S

GRADUATION DAY

Carmel College of Engineering and Technology organised graduation day ceremony "ENCAENIA" for graduates who passed out during the academic year ,2018-2019, 2019-2020, 2020-2021.



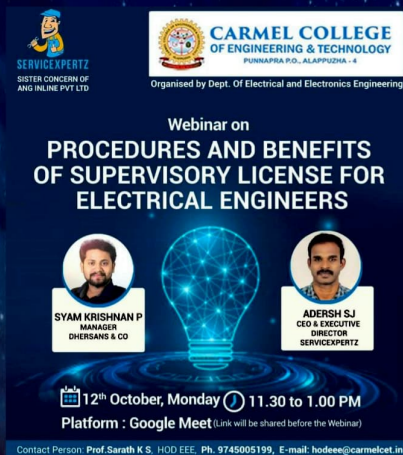
POWER QUIZ

Anjali J from S7 EEE and Abhinav Rajesh from S1 EEE have secured first place in the online Power Quiz 2021 District Level Competition conducted by KSEB Officers Association on 25th November 2021.



WEBINAR

- An online webinar on “Procedures and Benefits of Supervisory Licence for Electrical engineers” was held on 12th October 2020 virtually through Google meet platform .The speaker of the session was Shyamkrishnan P (Dherhsans & Co.) and Adarsh SJ (CEO & Executive Director Service Expertz).The main objective of the webinar was to provide an over-view about the technical aspects related to supervisory license.
- Webinar on “Benefits of IEEE Membership” as conducted on 18TH January 2020 by ELEGANDS, EEE Department Association for first year and second year EEE and CSE students. session was handled by Mr.Vishnu S, Assitant Professor, EEE Department, CCET



WORKSHOP

- A workshop on the topic of Electrical Design and Drafting by MEP Centre Kochi was organized 17th February 2020 at Carmel College of Engineering and Technology.



HACKATHON

REBOOT KERALA HACKATHON 2020 was a 24 hours Hackathon competition conducted by ASAP Kerala. Many teams participated in the primary level competition. Two teams got selected from the college for the next level of competition. The term from Electrical and Electronics Engineering Department includes Rohit S Varier (EEE), Athul M T (EEE), Fathima Sajeev (EEE), Joel Joseph George (ME) and Chaitra (CS). The team Mentor was Mr. Atul Thomas, Asst. Professor EEE Department.

The main aim of this program was to develop an application to detect the potholes present on roads and to provide early warning to users through any map. The team used an ultrasonic sensor to identify the Potholes and linked the data with Google Maps.



SEMINAR

Seminar on topic “Smart grids : Scopes and Challenges” was organized Carmel College of Engineering and Technology.



- **MOU signed with HMT Kalamassery on 20 th of April 2019.**

STAFF ACHIEVEMENTS

- **Awards :** Honored by Honorary Rosalind Membership of London Journal Press based on publication "Modelling and Optimal Design of LLC Resonant Converter using Whale optimization Algorithm".
- **Conference session chaired :** Served as Session Chair of the Track 'Recent advancement in Electronics and Communication (RAEC)' in the 'International Conference on Research Advances in Engineering and Technology' (ITechCET 2021) organized by Musaliar College of Engineering and Technology, Pathanamthitta, Kerala, India in the month of September 2021
- **FDP/Webinars :** Participated in the webinar series on "Accreditation and Quality of Engineering Education from ABET Perspective", organized by Strategic Initiatives for Academic Engagement, IEEE Kerala Section, in association with APJ Abdul Kalam Technological University, Kerala in the month of May 2020.
 - Attended five days online FDP on "INDUSTRIAL ELECTRICALSAFETY - ISSUES and INNOVATIONS" organized by Department of Electrical and Electronics Engineering, Musaliar College of Engineering and Technology, Pathanamthitta, in association with ISTE Kerala chapter in the month of March 2021.
 - Attended 14 days Online Faculty Development Program on "a2z of NBA Accreditation Process" organized by Department of Electronics & Communication Engineering under the aegis of Internal Quality Assurance Cell (IQAC), Inderprastha Engineering College, Ghaziabad, in the month of August -September 2021.
- **Workshops:** Participated IEEE R10 Workshop on the Panel of Conference Organisers (POCO) by IEEE Kochi Subsection in association with APJ Abdul Kalam Technological University in the month of September 2021.



Dr. Sarath K.S.

● FDP/Webinars:

Participated three days webinar series on 'Scope of Electronics Engineers in Post Pandemic Situation' organized by Department of Electronics and Communication Engineering, MCETPathanamthitta in association with ESSCI, Sahasra Electronics Pvt Ltd, Soft Launch & INKER Robotics in the month of August 2020.

- Attended five days ARJAKTU sponsored online FDP on "Biomedical Instrumentation-Research Challenges" organized by Department of Electrical & Electronics Engineering and Electronics & Communication Engineering, Amal Jyothi College of Engineering, Kanjirappally in the month of February 2021
- Attended the FDP on & State of the Art Technologies in EV Control & organised by the Department of Electrical Engineering, Government Engineering College Palakkad, sponsored by TEQIP-II Four Funds in the month of March 2021
- Attended five days online FDP on "INDUSTRIAL ELECTRICALSAFETY - ISSUES & INNOVATIONS" organized by Department of Electrical & Electronics Engineering, Musaliar College of Engineering & Technology, Pathanamthitta, in association with ISTE Kerala chapter in the month of March 2021.



Mrs. Geethu Krishnan

- **FDP/Webinars :** Attended the FDP "State of the Art Technologies in EV Control" organised by the Department of Electrical Engineering, Government Engineering College Palakkad, sponsored by TEQIP-II Four Funds in the month of March, 2021.
- Participated and completed AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Power Electronics for Power systems" at RIT, Kottayam in the month of December 2021.
- Attended five days online FDP on "INDUSTRIAL ELECTRICALSAFETY - ISSUES & INNOVATIONS " organized by Department of Electrical & Electronics Engineering, Musaliar College of Engineering & Technology, Pathanamthitta, in association with ISTE Kerala chapter in the month of March 2021.



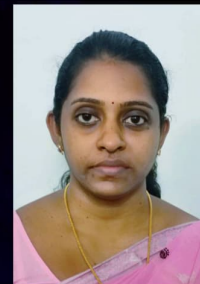
Mrs. Anet Jose



Mr Athul Thomas

- **Hackathon event :** Participated as a evaluator for Toycathon, a national level hackathon event.
- Asst. Prof. Atul Thomas of EEE department has participated in the webinar on "Electric Power Transmission" on 21st January 2021 organized by department of EEE, AJCE Kanjirappally.
- Asst. Prof. Atul Thomas of EEE department has participated in the webinar on "Condition Monitoring and Protection of Power System Equipment" on 28th January 2021 organized by department of EEE, AJCE Kanjirappally.

- **STTP:** Participated in online short term training programme on 'Potential areas in renewable technologies and grid integration', in the month of November 2021.
- **course completed(NPTEL)** : Successfully completed NPTEL course on 'DC Microgrid and Control system' with a consolidated score of 76 %.
- **Phd:** Shortlisted for PhD admission at IIT Palakkad ,in the month of December 2021.



Mrs. Jisha Joseph



Mrs. Nisha Prakash

● **FDP/Webinars:**

- Participated in three days webinar series on 'Scope of Electronics Engineers in Post Pandemic situation' organised by MCET , Pathanamthitta in the month of August 2020.
- Attended five days KTU sponsored FDP on ' Biomedical Instrumentation Research Challenges' organised by Amal Jyothi College of Engineering, Kanjirappally ,in the month of February 2021.
- Attended a five day Faculty Development Programme on Opportunities and Challenges of Integrating Renewable Energy in Smart Grid' organised by Vimal Jyothi College of Engineering, in the month of March 2021.

- **course completed (NPTEL):** Successfully completed 12 weeks course by NPTEL on 'Power Electronics', in the month of September -December 2020

● **FDP/Webinars:**

- Attended KTU sponsored FDP on 'Recent Advances in Power Electronics and Power System' organised by department of EEE ,Muthoot Institute of Technology and Science in the month of June 2021.
- Attended KTU sponsored online FDP on 'Green Energy: Conservation and Management' organised by department of EEE, MGM college in the month of June 2021.



Mrs Shani S J



Mr Vishnu S

- **FDP/Webinars:** Participated in FDP 'State of the Art Technologies in EV Control' organised by the department of Electrical engineering , Government Engineering College ,Palakkad, sponsored by TEQIP-II Four Funds in the month of March 2021.

- **workshops:** Participated in online workshop on 'Deep Learning Networks for Image Processing' organised by IEEE India Council in the month of December 2021.
- **volunteerism:** Acted as Volunteer of IEEE India Council Educational Activates for the year 2021.



Mrs Sreedivya K M

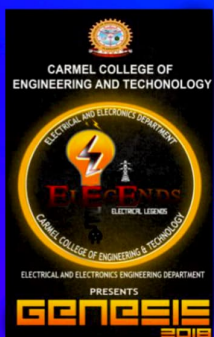
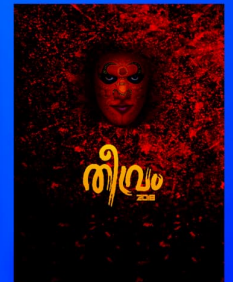
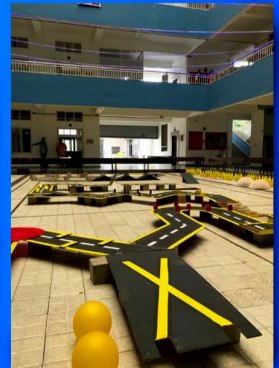
SPARKZ

The EEE Department organised “SPARKZ 2K19”, a department level contest with multiple technical events on 11th and 12th of October 2019. Sparkz 2k19 received an overwhelming response in all its events. It was a very well organised and successful event.

The motive of this event was to develop various skills of students in co-curricular activities and to expose them to the current trends in the technical and professional fields.

Sparkz 2K19 includes various events like:

- Quizathon
- Air Raptor
- Expedition Unknown
- Circuitrix
- KSEB EXPO
- Genesis
- Lone Survivor
- minute to win it
- Technovate (paper presentation)
- Technocrity



SPARKZ

innovation unleashed !



IEEE STUDENT BRANCH CCET

IEEE provides a technical platform where students, faculties and the industrial experts to share their technical views, discuss their innovative ideas and coordinating the different technical events. It also supports includes humanitarian activates and women empowering.

The IEEE student branch of Carmel College of Engineering and Technology has got approval from IEEE Kerala Section in the month of November 2021. Our Execom committee members.

• EXECOM 2021-22



Vishnu S
SB Counselor



Rohith S Varier
SB Chari



Gokul krishnan T G
SB Secretary



Ahooja S Deep
SB Treasurer



Akshay Jayadevan
SB Vice-chair



Anjali j
program Committee lead



Aswin S K
MD Lead



Arun Hari
Design Lead

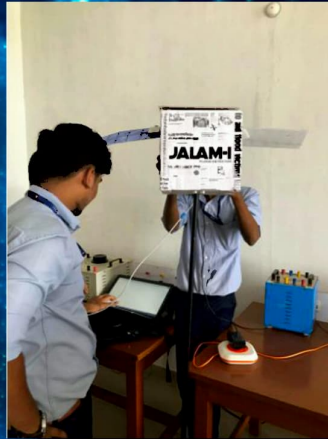
• IEEE XTREME 15.0

A group of IEEE members from CCET has participated in International 24 hr time span, IEEE Xtreme Programming Competition 15.0. The coordinator for the event was Mr Vishnu S (Assistant Professor, Dept of EEE). This has offered a great opportunity for the our IEEE members for networking with International participants.

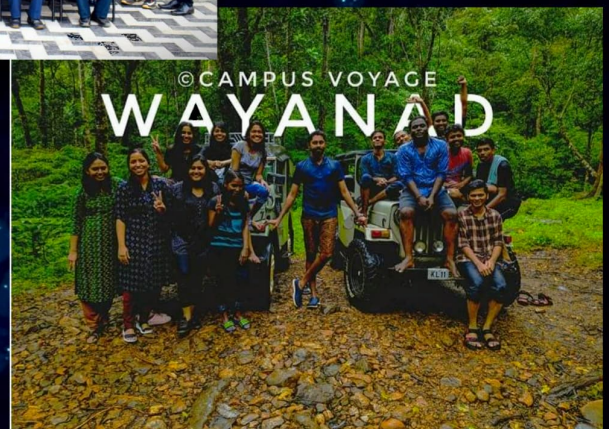


PHOTO GALLERY

projects



Fun shots



PLACEMENT



ASHIQ NADAR
SUMANAN CONSULTANCY Pvt.Ltd
2021-2022



NITHU S KUMAR
CHERIAN VARKEY
CONSTRUCTION COMAPANY
2021-2022



RIHAINA RIYAS
LINWAYS
2021-2022



ANILA MARIAM JOSEPH
LINWAYS
2021-2022



NIDHIN DAS
POWERFACT
2020-2021



NEENUMOL P P
HPCL
2020-2021



ELEGENDS

Suggestions /Feedback

elegends@carmelcet.in

"HOPE" is being able to see that there is light despite all of the darkness.
Thanking to all for to convey my thought into this magazine..

-Aneesh S
DESIGNER

