**COLLEGE OF ENGINEERING KIDANGOOR**

**ANNUAL REPORT (2022-23)**

1. **BRIEF HISTORY OF THE COLLEGE**

Government of Kerala vide GO MS/136/2000 Higher Education dated 18/02/2000 accorded sanction for the establishment of the College of Engineering Kidangoor. The CUSAT issued No Objection Certificate for starting the colleges under the aegis of CAPE. AICTE issued the viability certificate for starting the college. College of Engineering Kidangoor was established during the year 2000-2001 & the institution was in the 22nd year of functioning during 2022-23 with full-fledged facilities to run B. Tech courses in 5 disciplines & M. Tech in 1 discipline.

**Land and Location**

The college campus extends over 25 acres of land situated in Kidangoor Panchayat Kottayam Dist

**Board of Governors**

|  |  |
| --- | --- |
| Chairman | Dr.K.Gopakumar, Professor, Dept of Electronic Systems Engineering, Indian Institute of Science, Bangalore. |
| Members | * Prof(Dr)T.K.SureshBabu, Professor, Mechanical Engineering, NIT, Calicut * Dr.A.K.Asraff, Group Director, Structural Dynamics &Analysis Group, LPSC Valiamala, Trivandrum. |
| Ex-officio | * Dr. Thajudin Ahamed V I, Director CAPE, Member (Ex-officio) * Dr. Shreelekshmi R, Director SPFU, Member (Ex-officio) |
| Government nominee | * Sri Rajesh P S, Addl.Secretary Co-operation Dept., Govt. of Kerala * Sri. Ajayan C, Addl. Secretary , * Higher Education Dept., Govt. of Kerala |
| University nominee | Dr.G.P.Padmakumar, Registrar KTU |
| AICTE nominee | Dr.Ramesh Unnikrishnan, Regional Officer & Director, AICTE-South Western Regional Office,Tvm. |
| Representative (College) | * Dr. Ojus Thomas Lee, Associate Professor, CSE, CEK |
| Member Secretary | * Dr.Indhu P Nair, Principal,CEK |

**College Council:** (Details of Office bearers)

Chairman-Principal, 4 HODs, Elected Members- Dr. Ajayakumar C B, Assistant Professor, Maths, Mr. Joby James, Assistant Professor, ECE, Dr. Silpa S Prasad Assistant Professor, ECE.

1. **ACADEMIC ACTIVITIES**

**AICTE Approval**

The approval of the College of Engineering Kidangoor was accorded by the AICTE as per Order No. F No.770-54-36/ET-NDEG/2000/V dated 28/07/2000 and Extension of approval (EOA) by F No South -West/1-10975892890/2022/EOA dated 03/07/2022 for the academic year 2022-23.

#### University Recognition

Recognition to the College of Engineering Kidangoor was accorded by the CUSAT as per Order No. AC, C3/1088/2000/H. Edn dated18/08/2000

Recognition to the College of Engineering Kidangoor was accorded by the APJ Abdul Kalam Kerala Technological University (KTU) as per Order No. KTU/A/593/2015 dated15/05/2015. As per Order No. KTU/A/456/2015 dated 28/08/2022 for the academic year 2022-23, the KTU has been given Extension of approval of the academic year 2022- 23.

#### Government Sanction

Government accorded sanction for starting B. Tech Courses in 4 branches Electronics and Communication, Electronics and Instrumentation, Information Technology and Computer Science in 2000, B. Tech course in Electrical and Electronics branch in 2004, B. Tech course in Civil Engineering branch in 2010, B. Tech course in Electrical and Computer Engineering branch in 2021 and M. Tech courses in Wireless Technology in 2014.

**Academic Programmes**

The college offers 5 B. Tech and 1 M. Tech Degree programmes

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Programmes** | **Sanctioned Intake** | **Head Of the Department** |
| 1. | B. Tech in Civil Engineering | 60 | Prof. Divya S Nair, AP |
| 2. | B Tech in Electrical &Electronics Engg | 30 | Prof. Praseetha K, AP |
| 3. | B. Tech in Electronics &Communication Engg | 60 | Prof. Syama R, AP |
| 4. | B Tech in Computer Science &Engg | 90 | Prof. Jyothis Joseph, AP |
| 5. | B Tech in Electrical & Computer Engg | 30 | Prof. Praseetha K, AP |
| 6. | M. Tech in Wireless Technology | 12 | Prof. Syama R, AP |

**Working hours**

Working hours for the academic programmes is from 9: 00 am to 4: 00 pm and for the administrative work is from 9.30 am to 4.30 pm.

**Admission during the last 3 years**

**Total number of Students admitted in the academic year 2020-21**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Branch** | **Sanctioned** | | | | | **Total Sanctioned** |  | **Admitted** | | | | **Total Admitted** |
| **Merit** | **Mgt** | **TFW** | **Reservation** | **NRI** | **Merit** | **Mgt** | **TFW** | **Reservation** | **NRI** |
| **CE** | 39 | 14 | 3 | 1 | 3 | 60 | 34 | - | - | 1 | 2 | 37 |
| **CSE** | 58 | 21 | 5 | 2 | 4 | 90 | 64 | 23 | - | 2 | 4 | 93 |
| **ECE** | 39 | 14 | 3 | 1 | 3 | 60 | 27 | - | - | - | 1 | 28 |
| **EEE** | 39 | 14 | 3 | 1 | 3 | 60 | 22 | - | - | - | 3 | 25 |
| **WT(PG)** |  |  |  |  |  | 12 |  |  |  |  |  | 3 |
| **CIS(PG)** |  |  |  |  |  | 18 |  |  |  |  |  | 5 |

**Total number of Students admitted in the academic year 2021-22**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Branch** | **Sanctioned** | | | | **NRI** | **Total Sanctioned** | **Admitted** | | | | **NRI** | **Total Admitted** |
| **Merit** | **Mgt** | **TFW** | **Reservation** | **Merit** | **Mgt** | **Supernumerary** | **Reservation** |
| **CE** | 42 | 14 |  | 1 | 3 | 60 | 22 | 0 | 2 | 0 | 3 | 27 |
| **CSE** | 63 | 21 |  | 2 | 4 | 90 | 60 | 21 | 12 | 1 | 4 | 98 |
| **ECE** | 42 | 14 |  | 1 | 3 | 60 | 10 | 0 | 0 | 0 | 0 | 10 |
| **EEE** | 21 | 7 |  | 1 | 1 1 | 30 | 6 | 0 | 0 | 0 | 0 | 6 |
| **EL** | 21 | 7 |  | 1 | 1 | 30 | 9 | 0 | 0 | 0 | 0 | 9 |
| **WT(PG)** | 9 | 3 |  |  |  | 12 | 5 |  |  |  |  | 5 |
| **CIS(PG)** |  |  |  |  |  | 18 |  |  |  |  |  | 0 |

**Total number of Students admitted in the academic year 2022-23**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Branch** | **Sanctioned** | | | | **NRI** | **Total Sanctioned** | **Admitted** | | | | **NRI** | **Total Admitted** |
| **Merit** | **Mgt** | **TFW** | **Reservation** | **Merit** | **Mgt** | **Supernumerary** | **Reservation** |
| **CE** | 54 | 0 |  | 3 | 3 | 60 | 8 | 0 | 0 | 0 | 1 | 9 |
| **CSE** | 81 | 0 |  | 4 | 5 | 90 | 89 | 0 | 0 | 3 | 4 | 96 |
| **ECE** | 54 | 0 |  | 3 | 3 | 60 | 30 | 0 | 0 | 0 | 2 | 32 |
| **EEE** | 27 | 0 |  | 1 | 2 | 30 | 5 | 0 | 0 | 0 | 0 | 5 |
| **EL** | 27 | 0 |  | 1 | 2 | 30 | 13 | 0 | 0 | 0 | 2 | 15 |
| **WT(PG)** | 9 | 3 |  | 0 | 0 | 12 | 3 | 0 | 0 | 0 | 0 | 3 |

**Result Analysis**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year of Admission** | **Branch** | **Total Registered** | **Total Pass** | **Pass %** | S8 only |
| **2018-2022** | **ECE** | 22 | 17 | 77.27 | 81.81 |
| **CSE** | 47 | 29 | 62 | 83 |
| **CE** | 41 | 27 | 66 | 92.7 |
| **IT** | 2 | 0 | 0 | 0 |
| **EEE** | 27 | 4 | 15 | 33.3 |
| **EI** | 4 | 1 | 25 | 75 |
| **Total** | **143** | 78 | 55 | 61 |

**CGPC**

An aptitude and recruitment essentials training has been given to 2023 batch in June 2022 (5 days) by FACE Coimbatore. In continuation with this, a five-day Aptitude and Technical Training Program for TCS recruitment has been conducted for the same batch in July 2022. A training session is conducted for the first-year students to enable them to join and activate LinkedIn premium account on 14/09/2022.A 5-day training (Aptitude and Technical) by Jay’s Academy has been conducted for the final year students in November 2022. Basic aptitude training for 2024 batch students is conducted in March and April 2023.Ennexa Technologies, Cochin and Qburst have visited the campus for recruitment drives. Our students have attended drives conducted by CE Chengannur,Providence College Chengannur, Rajagiri College, SJCET,Amal Jyothi College of Engineering, IIIT Valavoor etc and placed in many MNCs like IBS Software (7),Tata Elxsi (16), Quest Global (4), ACABES(5), Qburst(2), TCS(Two offers),Experion Technologies(2), Digilent (2) etc. Total placements is 36 with 45 offers so far.

1. **Man-power**

**New appointment details: Nil**

**Staff position as on 31-03-2023**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl.No.** | **Post** | **Regular** | **Contract** | **Adhoc/ Daily wages** | **Apprentice Trainee** | **Total** |
| 1 | **Professor** | **1** |  |  |  | **1** |
| 2 | **Assoc Profssor** | **1** |  |  |  | **1** |
| 3 | **Asst Professor** | **41** |  |  |  | **41** |
| 4 | **Instructor** | **3** |  |  |  | **3** |
| 5 | **Trade Instructor** | **6** |  |  |  | **6** |
| 6 | **Tradesman** | **1** |  |  |  | **1** |
| 7 | **Mechanic** | **1** |  |  |  | **1** |
| 8 | **Junior Supdt** | **1** |  |  |  | **1** |
| 9 | **Librarian Gr 1** | **2** |  |  |  | **2** |
| 10 | **Librarian Gr II** | **1** |  |  |  | **1** |
| 11 | **Asst Gr. 1** | **1** |  |  |  | **1** |
| 12 | **Asst Gr. II** | **2** |  |  |  | **2** |
| 13 | **Peon** | **3** |  |  |  | **3** |
| 14 | **Driver cum Attender** | **1** |  |  |  | **1** |
| 15 | **FTS** | **1** |  |  |  | **1** |
| 16 | **PTS** | **1** |  |  |  | **1** |
| 17 | **Overseer** |  | **1** |  |  | **1** |
| 18 | **Electrician cum Plumber** |  | **1** |  |  | **1** |
| 19 | **Computer Operator** |  | **1** |  |  | **1** |
| 20 | **Ad hoc Asst Professor** |  |  | **23** |  | **23** |
| 21 | **Lab Asst –Physics** |  |  | **1** |  | **1** |
| 22 | **Lab Asst - Chemistry** |  |  | **1** |  | **1** |
| 23 | **PTS** |  |  | **4** |  | **4** |
| 24 | **Security** |  |  | **4** |  | **4** |
| 25 | **Apprentice Trainee** |  |  |  | **2** | **2** |
|  | **Total** | **67** | **3** | **33** | **2** | **105** |

1. **Facilities available**

**Library**

|  |  |  |
| --- | --- | --- |
| **Facilities available in the library** | | |
| Library Area | | 900 M² |
| Working Time | | 08.30 am to 05.30 pm |
| **Sl.No.** | **Resources available** | **No. of Items available during the year 2022-2023** |
| 1 | Books | 25913 |
| 2 | E-Journals | EBSCO Engineering Collection (2464 titles) |
| 3 | Printed Journals | 60 |
| 4 | Magazines | 0 |
| 5 | News Papers | 6 |
| 6 | ASCE | 35 Journals |

**Hostel facilities**

The college ladies’ hostel has a capacity of 120 students with 17 rooms in ground floor and 24 rooms in first floor. The college hostel started functioning on 25/10/2022 with 33 students. On 1/2/23, 26 students of senior batch were also admitted. The total inmates of hostel as on 27/3/2023 is 57.

**Canteen Facility**

|  |  |  |
| --- | --- | --- |
| **Area** | **Seating Capacity** | **Fuel used (LPG, Firewood)** |
| 260 sq. Meter | 140 | LPG and Firewood |

**Building and other infrastructure details**

|  |  |  |  |
| --- | --- | --- | --- |
| **Building** | **Area(m2)** | **No. of class rooms** | **Status** |
| Main Block | 2412.65 | Computer Centre, Office, Physics Lab Seminar Hall etc. | Completed |
| First Year Block | 2187.00 | First Year Class rooms, Labs &Staff room (DASH), Chemistry Lab | Completed |
| EEE Block | 1783.00 | Electrical Class rooms, Labs &Staff room | Completed |
| CS Block | 1733.00 | CS Class rooms, Labs &Staff room | Completed |
| Civil Block | 1997.00 | Civil Class rooms, Labs & Staff room | Completed |
| EC Block | 1948.00 | EC Class rooms, Labs &Staff room | Completed |
| A Block | 407.00 | Mechanical workshop & Drawing Hall | Completed |
| B Block | 407.00 | Canteen | Completed |
| C Block | 407.00 | Electrical workshop &Electrical machines lab | Completed |
| Library Block | 1483.23 | Library Block and Placement Cell | Completed |
| Hostel | 2061.00 | 41 rooms | Completed |

**Sports facility**

In the Main Block a 240 square feet room is allotted for Physical Education purpose which is nearby the Co-Operative Store. The sports equipment’s are kept here and indoor games like caroms, Chess etc. are conducted there. Three badminton Courts are temporarily made in the auditorium and one Volley Ball court is made nearby the canteen. A mini ground is available to conduct sports and other games like cricket and football.

**Co-operative Store**

A centralised store is functioning in the administrative block. From this store, stationery items, Work register, Students Feedback form etc. supplies to all departments as and when they needed.

**Transportation facility**

PTA operates 4 college buses and 1 leased bus though all major routes for providing transportation to students. This facility is available to students on regular working days and during university examinations.

**Internet & Wi-fi facility**

Internet facilities: 70 mbps; College is wi-fi enabled campus

**Auditorium**

|  |  |  |
| --- | --- | --- |
| **Auditorium** | **Area** | **Seating Capacity** |
| Plinth | 907.07m2 | 1000 |

1. **Co-curricular activities**

**Research & Development activities**

There are seven student projects selected for CERD funding during 2022-23. The details are given.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Sl.**  **No.** | **Title of Project** | **Principal Investigator** | **Student Investigators** | **Branch** | **Amount sanctioned** |  |  |
| 1 | Metamaterial Incorporated Wearable Antenna for 5G application | Mrs. Shiney Thankachan | Jikku Vijay,ASana Jayasankar R | ECE | 25000 |  |  |
| 2 | Preliminary Action Control for Prevention of Wildfire and Drought using IOT and LORA device by Forest Weather Forecasting | Mrs. Sonima M.P. | Aromal Salimon, Sidhardh Saju, Arun E.V ,Irshad I | EEE | 25180 |  |  |
| 3 | EV Regeneration Through Air and Magnetic Shock | Mrs. Praseetha K. | Albin J Babu , Athul Rajan , John Shaji , Sooraj Sunil | EEE | 48500 |  |  |
| 4 | Experimental Investigation on Sugarcane Bagasse Ash Based Geopolymer Brick | Mrs. Divya S Nair | Aiswarya Anil ,Anchala Monichan ,Sony T Saji | CE | 50000 |  |  |
| 5 | Treatment of Textile Wastewater using Banana Trunk and Teak Leaves as Bio Absorbents | Mrs. Bindya Hari P. | Fathima Yoosuf ,Bhagya P.V, Sreesankar T.S,Mathew Zacharia | CE | 29799 |  |  |
| 6 | Dairy Wastewater sludge Treatment and Electricity Generation using Microbial Fuel Cell | Mrs. Bindya Hari P. | Bilfi M. Abraham, B. Vasudev ,Nandhitha P Sandra H Pillai | CE | 25250 |  |  |
| 7 | Reading Device for deaf and blind in real time speech | Dr. Ojus Thomas Lee | Sreejith S ,S. Jayakrishnan Akshara Santhosh Ardra Haridas | CSE | 22000 |  |  |

**Centre for Continuing Education(CCE)**

All consultancy works and online/offline External Examinations are conducted under CCE.

**Consultancy Works**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl.**  **No** | **Name of Dept** | **Staff in charge** | **Work done** | **Project** | **Cost** |
| 1 | Civil Engg | Appu P | Cube Test | Kerala water Authority, PWD | 4000 |
| 2 | Civil Engg | Appu P | Flexural strength on Beam | Kerala water Authority, PWD | 8000 |
| 3 | Civil Engg | Sreekumari T K | Cube Test | Kerala water Authority, PWD,Construction of Residential Bulding | 5000 |
| 4 | Civil Engg | Sreekumari T K | Compressive strength of Pavement Block | Kerala water Authority, PWD,Construction of Residential Building | 2000 |
| 5 | Civil Engg | Sreekumari T K | Compressive strength of Clay Brick | Kerala water Authority, PWD,Construction of Residential Bulding | 1000 |
| 6 | Civil Engg | Gitty Rose Eugine | Sieve Analysis | Kerala water Authority, PWD,Construction of Residential Bulding | 3500 |
| 7 | CSE | Dr.Ojus Thomas Lee | Technical Report Preparation | Uzhavoor Service Co-operative Bank,Uzhavoor | 2000 |
| 8 | CSE | Dr.Ojus Thomas Lee | Technical Report Preparation | Changanacherry Taluk Agricultural and Rural Development Bank, Karukachal | 2000 |
| 9 | EEE | Adil Nasser | Energy Audit | MG University campus in collaboration with RIT Pampady | Nil |
| 10 | EEE | Adil Nasser | Technical Bid Evaluation Committee | Kottayam District Police Office | Nil |
| **TOTAL AMOUNT** | | | | | **27,500** |

**Number of Online/Offline Examinations conducted-10**

**Students Council**

**ARAVAM 2023**, The Arts Fest of the College of Engineering Kidangoor was held on the 27th and 28th of March 2023. Mr.Tharun Moorthi Director of Operation Java and Saudi Vellakka inaugurated the event. Ms.Vaishna Ben, Arts student coordinator welcomed all. Principal, Dr. B V Mathew conveyed the presidential address. The felicitation was delivered by Mrs. Mary James Kappen staff advisor. Mrs. Shandry K K, Aravam staff in charge conveyed the vote of thanks. A total of 50 events including offstage and onstage were held across various venues. On 28th March we had a fashion show, the day’s last event and the we had a valedictory ceremony.

**LUMIERE 2023**, The National Level Techno Cultural Fest of the College of Engineering Kidangoor was held on the 18th and 19th of April 2023. The inauguration was held on the 18th of April, chief guest of the day was Mr. Anil Oommen- Deputy Collector Kottayam. A total of 12 technical events, 9 cultural events, and 12 general events were held across various venues. Cricket, CTF, hackathon, football, and volleyball were conducted as pre-events. Our special guest of the second day was Aju Varghese (Actor). Various attractions of Lumiere included exhibitions conducted by government agencies BSNL, Kerala Fire and Rescue, and Medical College Kottayam. VR show by Keltron, robotic expo by PSN, robot war, 3D printing, quad biking, handmade miniature art expo, and anime room were the external stalls in the exhibition. The event was very successful, offering a prize pool of around 4 lakhs and registering more than 1000.

**Staff Club Activities**

* Arranged lunch for students who were Inter –Zone Champions of Kabaddi and participants of Inter Zone badminton match as a token of love from all staff members.
* Organized Christmas celebration in December 2022.
* In the beginning of new year, given a new year surprise gift to all staff members.
* Organized Sports league for all staffs. As the part of the league conducted softball cricket and badminton matches from 12th January 2023 to 05th February 2023.
* Organized prize distribution ceremony for the winners of staff league matches.
* Organized staff tour on 11th March 2023.
* Sponsored and distributed new ID Card tag with college emblem to newly appointed staffs.

**CAPEFEST ’23**

The **CAPEFEST ’23** was one of the largest state level techno-arts festival of the whole CAPE family, to empower and bring all the staff and students of CAPE under one single umbrella. The fest covered a technical fest named **“Saastra”** and cultural festival named **“Saaga”.** It focused on the significance inproviding a panoramic experience to the students in technology, cultural and entrepreneurship domains. The CAPEFEST was held in College of Engineering, Kidangoor on May 4th and 5th 2023 with an overall participation of about 2000 people from various CAPE Institutions.

**Women Cell Activities**

A talk session on ‘Stress Management’ was conducted as part of Women’s Day celebration. Mrs.Reeba Lincoln Adolescent health Counsellor, CHC Koodalloor introduced various stress releasing techniques to students.Ms.Adithya Shaji E of S6 EEE participated in an Essay Competition ‘Jwalika 2023’ held at BCM College, Kottayam organized by LSGD

**College Development Committee**

To plan and monitor various developmental activities of the college committee CDC is functioning under the chairmanship of Mons Joseph, MLA, Kaduthuruthy and Convener, Principal, College of Engineering, Kidangoor. Other members are Panchayat President, Ward Member, SI of Police, HODs and Student Union Chairman.

**Anti-Ragging Committee**

**Convener**

Shiney ThanKachan , A P ECE

**Members**

1. Thomas Maliyekkal, MemberGrama panchayat
2. Siby Thomas, Circle Inspector
3. Dr.R Bijumon - Vice President PTA
4. Prof. Divya S Nair , HOD, CE
5. Vivek Raju , HOD, Applied Science
6. Prof. Jyothis Joseph, HOD, CS
7. Praseetha K, HOD, EEE
8. Sudhin Satheesh, Reporter Dheshabimani
9. Jayan KS, Palliative Member Care Unit

**Grievance Redressel Committee**

**Convener**:

Dr.C B Ajayakumar, AP in DASH

**Members**:

1. Prof. Rekha K S, AP CSE

**NPTEL Activities**

1. Prof. Haridas M S, AP EEE
2. Prof. Chinchu, AP ECE

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CSE** | | **ECE** | | **CIVIL** | | **EEE** | |
| Faculty | Students | Faculty | Students | Faculty | Students | Faculty | Students |
| 1 | 20 | 2 | 4 | 1 | 30 | 8 | 6 |

**NSS activities**

**Around 30 events were conducted by NSS Volunteers. Some of them are listed below.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.No** | **Date** | **Event Name** | **Description** |
| 1 | 20/07/2022 | CEIBIC - Orientation | orientation program as part of clean tech challenge |
| 2 | 15/08/2022 | Quiz Competition, Poster Making Competition | On Independence Day Quiz competition and poster making competition was conducted. |
| 3 | 26/09/2022 | Snehakoodu Visit | Visited an old age home in Kottayam. |
| 4 | 30/09/2022 | Anti-drug Rally and Anti-drug Quiz | conducted an Anti-Drug rally in association with Kidangoor police station and Anti-drug quiz Competition as part of Anti-drug Campaign. |
| 5 | 19/11/2022 | Energy Cell Orientation and LED Bulb Assembling | conducted an Energy cell orientation and LED bulb Assembling section. |
| 6 | 23/11/2022 | Blood Donation Camp | In association with IMA Thoduppuzha and HDFC Bank Pala the unit conducted a Blood Donation Camp. |
| 7 | 01/12/2022 | Lyrical Narrative Program on Aids Day | conducted "KALA JADHA " a lyrical Narrative Program to give awareness about Aids day with Health Department. |
| 8 | 08/01/2023 | Take a Break Project | visited the site, planted trees and small plants. |
| 9 | 03/03/2023 | Survey - NATPAC | conducted a survey on taxi and transport vehicles. |
| 10 | 4/3/2023 to 6/3/2023 | Ayurveda Hospital Service Challenge- 3 days | The Service include Cleaning, servicing, and repainting hospital compound and its utilities. |

**Department Association activities**

|  |  |  |  |
| --- | --- | --- | --- |
| **CSE (LANCE)** | **CIVIL(STHAPATHYA)** | **EEE (EMERGE)** | **ECE(EFFECT)** |
| The inauguration and logo reveal of LANCE conducted on 17th June 2022.  Dr. Shailesh Sivan delivered a session on "Career Development".  On July 23rd and 25th, an inter-college techno-cultural fest Paradox was conducted.  A workshop on Robotics and Embedded Systems was conducted.  A workshop on web development was conducted.  Organized Onam celebration on September 2nd, 2022. | Logo Launch of Confictura -22 on 19th May 2022.  In association with CADD Centre Pala, Sthapathya has conducted a live session on BIM (Building Information Modelling) for 3rd and 4th year students.  Technical fest of Sthapathya, Confictura -22 has conducted on 20th and 21st of May 2022.  Inauguration of Sthapathya-23 done on 11th Feb 23. As part of this ,Elias G Pulinkad has delivered a motivational talk session.  Organized Onam celebration on September 2nd, 2022. | 2-day workshop on PCB Design and Fabrication on 20th & 21st June 22  Inauguration on June 28  Online Expert Session on Life After College on 19-07-2022.  KSEB - Power Quiz on 20-10-2022.  Talk on Electrical CAD on 24-02-2023.Talk on Role of GATE in competitive exams on 06-03-2023.  15th Anand Memorial Emerge Cup Foot Ball from July 4th to 7th.  Onam Celebration on02-09-2022.  ECBC & ENS awareness program in Engineering and Architectural Colleges by Energy Management Centre Kerala. | Conducted the Inauguration of EFFECT on 7/6/22  Mr Junaid T, Founder and M D of English CAFE, delivered a talk on ‘Motivating Tomorrow’s Engineers on the inaugural day.  Conducted Seshadri Memorial Volleyball Tournament SMASH from June 21st to 24th.  Conducted Onam Celebration on 2/9/22.  “Arduino Workshop” was organized for second year and third year students on 16/12/22 &17/12/22 |

**PTA Activities**

Done the renovation works in the college auditorium, which includes grill work, door and staircase and painting. An amount of Rs. 4,95,522 was spent. Four college buses are operated by P T A.

**Alumini**

The annual general body meeting was held on September 9th 2022.Parking area for student’s vehicles provided by using Alumni Association fund.

**Incubation centre/ Entrepreneurship Development Centre (IEDC)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SI.No | Date | Event Name | Description |  |  |
| 1 | 19/05/22-20/05/22 | Arduino Workshop | covered topics on sensors, actuators and other electronic components to the Arduino board |  |  |
| 2 | 02/06/22-03/06/22 | 3-D Printing Workshop | covered the aspects to use 3-D modelling software, 3D printers |  |  |
| 3 | 01/09/22 | Meibot Technologies | Muralikrishna.S incubated his startup meibot technologies in CEK |  |  |
| 4 | 17/10/22-21/10/22 | ‘Enabling Entrepreneurship and startup’ | Prof.Melbin George attended |  |  |
| 5 | 28/11/22-02/12/22 | Management Development program conducted by Kerala startup mission | Merry James attended MDP at IIM Kozhikode |  |  |
| 6 | 03/12/22-06/12/22 | Graphico- poster design competition | poster design competition |  |  |
| 7 | 04/03/23 | IEDC SUMMIT 23 | 32 participants from CEK |  |  |

**Start-ups**

Startup name: Asteroid, Tinqbit,Meibot

**MOU**

MOU with Kidangoor Grama panchayat and KSEB (Solar Power System).

MoU with Harita Tech Logix Bengaluru, a technical expert in Automotive Engineering.

**IEEE**

**12 events were conducted by IEEE. Some of them are listed below.**

|  |  |  |  |
| --- | --- | --- | --- |
| SL NO | EVENT NAME | DATE | DESCRIPTION |
| 1 | Limerence | 15-07-2022 | Workshops, Games, Culturals, Erudition |
| 2 | Zerone 2.0 | 28-08-2022  31-08-2022 | Set of events conducted yearly for the first-year students |
| 3 | Expert Talk-Wind Energy Conservation | 10-09-2022 | speaker prof. Sathyajith Mathew Department of engineering Science, University of Agder Norway |
| 4 | Treasure Hunt | 18-11-2022 | held for the first-year students to explore IEEE events |
| 5 | Ice Breaking Session | 23-12-2022 | fun interactive activities to bond with amigos of IEEE |
| 6 | Women’s Day Celebration | 08-03-2023 | amazing stories of all women in our college |

**RECEIPT & EXPENDITURE**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
| **Revenue Receipt** | | **Revenue Expenditure** | |
| Particulars | Amount | Particulars | Amount |
| Tuition Fee | 29550705.00 | Administrative Expenses | 2115119.44 |
| College Special fees | 3086355.00 | Salaries & Allowances | 51736940.00 |
| Admission fees | 70105.00 | Building | 0 |
| Application fees | 26700.00 | Electrical Installation | 0 |
| Other receipts | 142718.00 | Others | 2064830.00 |
| **Total** | **32876583.00** | **Total** | **55916889.44** |
|  |  |  |  |
| **Capital Expenditure 2022-23** |  |  |  |
|  |  |  |  |
| Land | 238590.00 |  |  |
| Machinary , Tools and Equipments | 60936.00 |  |  |
| Computer & Accessories | 19000.00 |  |  |
| Furinture & Fittings | 69128.00 |  |  |
| Library Books |  |  |  |
| **Total** | **387654.00** |  |  |

1. **Unique Achievement During the Year 2022-2023**

* Our Kabadi (Women) Team Winner of APJKTU 5th Inter Collegiate Kabadi Tournament.
* SKDC of College of Engineering Kidangoor organized Computer Training Program (Computer fundamentals, MS-OFFICE, Internet, E-governance etc.) for Panchayath, Block and Zilla Panchayath members of Kerala. 187 elected representatives were trained.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL NO** | **CSE** | **ECE** | **Civil** | **EEE** |
| 1. | FDPs attended- 18 | FDPs attended- 17 | FDPs attended- 12 | FDPs attended-18 |
| 2 | Ashwin Jayadevan won second prize in Discus Throw APJKTU Athletics Meet 2022-2023.  Hancy Rozetta And Karthik K J represented APJKTU NSS Cell in the NSS National Integration Camp 2023 | First prize in Project Expo at Mangalam College of Engg-S8 EC | V Adithya represented University NSS Cell in the National Integration Camp held at Nagpur | Kelvin P Aneesh – S8 EEE – 2018-22 Batch Got Seed Funding of 10 Lakhs from IIT Ropar-TIF (AWaDH)  Abhijith Kannan & Team IEEE Mega Most Innovation Award.  Harikrishna K S Represented University NSS Cell in the National Integration Camp held at Nagpur |
| 3 | No.of Paper Publications – 30 | No.of Paper Publications – 11 | No.of Paper Publications – 1 | No.of Paper Publications – 1 |

1. **CONCLUSION**

The annual report is prepared as per the direction and utmost care has been taken to maintain the facts in data.Hereby submitting the annual report for the academic year 2022-23.

Prepared by

IQAC

CE Kidangoor