



# CARMEL COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by All India Council for Technical Education & APJ Abdul Kalam Technological University)

Punnapra P. O., Alappuzha Dt., Kerala, India Pin: 688 004

(Managed by St. Joseph's Carmel Educational & Charitable Trust of CMI)

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## Minutes of the 8<sup>th</sup> Governing Body meeting held on 12<sup>th</sup> March 2022

Meeting Date and time : 12<sup>th</sup> March 2022 at 10.30 AM

Venue : Carmel College of Engineering and Technology, Punnapra.

Sl.No	Name and Designation	Role	Signature
1	Rev. Fr Mathew Arekalam CMI	Chairman CCET	
2	Rev.Fr Justin Alukkal CMI	Director CCET	
3	Dr Paul K Mathew Principal , CCET	Member Secretary	
4	Dr. Sreeni K G, Asst. Professor, CET, TVM KTU Nominee	KTU Nominee	
5	Rev. Fr Siji Puthenvelyil CMI	Member of Trust	
6	Rev.Fr Antony Valekalam CMI	Member of Trust	
7	Rev. Fr Bijo Mattaparambil CMI	Member of Trust	
8	Joy Sebastain, Chief Executive Officer, Techgentsia Software Technologies	Member of Trust	
9	Dr J Issac , Former Principal of M.A. College of Engineering, Kothamangalam and Former Principal of Rajagiri School of Engineering and Technology, Kalamasserry	Academician	
10	Prof. K.U Abraham (Rtd), M.A. College of Engineering, Kothamangalam	Academician	
11	Dr Susan Jacob,	HOD CE, IQAC Coordinator	
12	Dr Reji Ravi	HOD, CSE (In charge), NBA Coordinator	
13	Dr Jayaprasad,	HOD ME	
14	Dr Sarath KS	HOD EEE	
15	Asst. Prof. Anoop RS	HOD CSE	On leave
14	Asst. Prof. Krishnanunni M	Academic Coordinator	
16	Asst. Prof. Renjith R	Placement and Training	

17	Asst. Prof. Anet Jose	Faculty Representative	
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The 8<sup>th</sup> meeting of the Governing Body of Carmel College of Engineering and Technology (CCET) was held on 12<sup>th</sup> March 2022 at 10.30 AM. The meeting started with a silent prayer. Dr. Paul K Mathew, Principal, CCET welcomed all the Governing Body members. In continuation he had presented the MOM of the previous GB, 7<sup>th</sup> meeting and unanimously passed the minutes.

The presidential address was delivered by Rev. Fr. Mathew Arekalam CMI, Chairman CCET. He expressed satisfaction in the academic performance of the Institution. However he commented that we need more improvement to reach our target. He sought the sincere and continuous guidance of the experts to bring the college to reach our destination.

### **Review of Academic Activities of 2020-2021.**

#### **The Current Status of University Examination Results:**

Semester	Branch	Percentage Pass	Students	Average Pass %
S1(2020)	Civil Engineering	52.38	63	
	Mechanical Engineering	40.35	57	
	Electrical and Electronics Engineering	31.37	51	
	Computer Science Engineering	61.02	59	
S2(2019)	Civil Engineering	64.7	34	
	Mechanical Engineering	74.3	35	
	Electrical and Electronics Engineering	64.7	17	
	Computer Science Engineering	91.8	37	
S3(2019)	Civil Engineering	37.5	40	
	Mechanical Engineering	41.62	36	
	Electrical and Electronics Engineering	25	20	
	Computer Science Engineering	58.00	38	
S5(2018)	Civil Engineering	60	60	
	Mechanical Engineering	34	68	

	Electrical and Electronics Engineering	40	30	
	Computer Science Engineering	81.00	31	
S6(2018)	Civil Engineering	61.02	59	
	Mechanical Engineering	44.6	64	
	Electrical and Electronics Engineering	56.66	30	
	Computer Science Engineering	67.74	31	
S7 (2017)	Civil Engineering	79.66	59	
	Mechanical Engineering	40.6	59	
	Electrical and Electronics Engineering	33.33	22	
	Computer Science Engineering	56.30	32	
S8(2017)	Civil Engineering	93.22	59	
	Mechanical Engineering	94.91	59	
	Electrical and Electronics Engineering	19.90	22	
	Computer Science Engineering	87.5	32	

### **Academic Activities**

The classes of all odd and even semesters was conducted in the online as well as offline mode with students as batches or as single batch following all COVID 19 Protocol.

### **Carrier Guidance Seminar**

A Carrier Guidance Seminar was organized by the College in the online platform on 26-2-2021 time 5.15 PM to 7.30 PM. Prof. Dr P.R. Venkitaraman, the Career Guru was the resource person. More than 100 participants joined the session and was very informative to the parents and their wards.

**Teachers Day Celebration**, organized by the NSS Unit No.625 of CCET on Sept.5<sup>th</sup> 2021 in the online platform. <https://meet.google.com/qvy-ckga-qgb>

**The Annual Alumni Meet** convened on 3<sup>rd</sup> October 2021 at 6Pm in the online platform.

### **Review of NBA Accreditation**

The documents for uploading the SAR is almost ready. The IQAC had verified the course files and Lab Registers of both Civil and Mechanical Department. An external audit of the

documents and the criterion files are scheduled on 23<sup>rd</sup> and 24<sup>th</sup> April 2022 . It is expected that we could register for NBA Accreditation by June 2022.

### **Review of Activities of Civil Engineering Department**

1. Stake holder meeting Civil 2021 was convened in the online platform to share the views of all the stake holders, on 11-3-2021 at 8.30 PM, via google <https://meet.google.com/ncf-ricu-aim>.

Many of the Alumni, parents, employers shared their views regarding academic activities the department follows, the need of more soft skill courses, exposure to field activities etc.

2. World Water Day 2021 was celebrated by the IEI Students Chapter(Civil) in association with CCEASON and conducted a Poster Competition on “ Valuing Water” .

3. Online Webinar on “ Civil Engineering and it’s Practices” for S8 Civil Engineering students, convened by IEI Students Chapter(Civil) in association with CCEASON.

The Google Meet was on 28/5/2021 at 10 AM to 12.30 PM. <https://meet.google.com/fmv-nrke-cve>. The resource person was Er. T.P. Madhusudan, (Former) Sr. Consultant and International Civil Engineering Trainer, Habitat Technology Group.

4. Online Webinar on “CONCRETE” - An Enigmatic Construction Material”- for S6 and S8 Civil Engineering students. Convened by IEI Students Chapter (Civil) in association with CCEASON. The Google Meet was on 5<sup>th</sup> June 2021 at 2.30 PM. The resource person was Er. Shyju Nair, CEO, DH Academy. <https://zoom.us/j/99578363384?pwd=aUdrTkZITkdqREkyVlk5cnZHQldPUT09>

5. Online Expert Interaction for Civil Engineering Students on BIM. Convened on June 9<sup>th</sup> 2021 at 11.00 AM to 12.10 PM in the online plat from. <https://meet.google.com/xxn-tpvp-zjb> . Resource person Mr. Sujin G.S, Application Engineer , InterCAD Pvt. Ltd.

6. Asst. Prof. Jiji Krishnan bagged the prestigious degree Ph.D. in Geotechnical Engineering from NIT, Surat, India.

7. Conducted an International Short Term Training Program for faculty and research scholars on “Civil Engineering Breakthroughs and Innovations” -A sneak peek across the globe, on 2021 November 8,9,10 and 11. Organized by the Department of Civil Engineering in association with The Institution of Engineers (India), Kochi Local Centre and The Department of Environmental Science and Management, Murdoch University, Australia. The resource persons were from different countries, NIT Surat- India, Indigo telecom- Ireland, Kerala road Safety Authority of India, COWI- Sweden, Yonsei University - South Korea, Imperil College- England, Murdoch University- Australia and Helmholtz Centre for Env. Research, Germany. More than 120 participants from various places participated the training Programme.

## **Review of Activities of Mechanical Engineering Department: February 2021-March 2022**

1. Webinar on Success Through GATE – Mechanical Engineering . Webinar was held on Monday, September 27 · 9:40 – 10:40am. Mr Liju CJ , M Tech(IIT Khargpur) was the resource person Final year and prefinal year students attended the webinar.
2. Expert talk on “Retailing New Trends and Career Opportunities”, was held on 10-12-2021. Venue: Carmel College of Engineering and Technology.

Resource person: Er Anil Kumar C S, Head of Grocery business of Reliance Retail for Southern Region ( Kerala, TN and Karnataka).

### **Activities Report- Dept. of EEE**

#### **Power Quiz 2021**

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.

#### **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 team 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.

#### **Webinar 2020**

An online webinar on “ Procedures and Benefits of Supervisory License for Electrical engineers” was held on 12th October 2020 virtually through Google meet platform .The speaker of the session was Shyamkrishnan P ( Dhermans & Co.) and Adersh SJ ( CEO & Executive Director Service Expertz).The main objective of the webinar was to provide an overview about the technical aspects related to supervisory license.

**Awards:** Dr Sarath KS, Honored by Honorary Rosalind Membership of London Journal Press based on publication “Modelling and Optimal Design of LLC Resonant Converter using Whale optimization Algorithm”.

**12-11-2021, IEE, Carmel College of Engineering and Technology Students Branch Approved.**

## **Department of Computer Science and Engineering**

### **List of Activities conducted during the Academic year 2021-2022**

- Newsletter Release 10 Feb 2022
- ThinkerHub Activity-Women in Tech (Tech Quiz Competition for Girls) 8 March 2022
- Online Faculty development Program on" Insights of research, Publications and overview of Patent Filing" 20 April 2022-23 April 2022
- Online Workshop on "Effective Document Writing Using Latex" 21 April 2022
- Initiated an MOU with University of Arad 23 May 2022
- ThinkerHub Activity-TPythos-Project Based learning of Python programming Language 5 June 2022

The expert members Dr J Issac and Prof. K U Abraham expressed their concern about the results of the students. The HODs explained that it was due to the change of exam pattern into offline line mode while the classes were completed in the online mode. The Principal agreed to conduct as much as remedial classes to improve the result.

Mr Joy Sebastian expressed his concern on inadequate placement training which is very much essential to crash the competitive tests. The Director Fr Justin Alukkal CMI had informed that we had already identified the gap and will be solved in the coming months.

The Chairman insisted to complete all the related works of SAR preparation so that our deadline shall not cross. He expressed sincere regards for the support extended by the expert members. Dr Reji Ravi, NBA Coordinator extended vote of thanks and the meeting came to an end by 12.30 PM.

**Dr Paul K Mathew**