



IGNITE

ANNUAL NEWS LETTER 2020-21



Department of Electrical and Electronics Engineering

VISION

To be a premier hub for producing Electrical and Electronics Engineering graduates trained of great scope, socially and professionally responsible to meet global challenges with cutting edge and innovative technologies.

MISSION

- To create centre for knowledge transfer in the field of Electrical and Electronics Engineering.
- To emerge as a centre of excellence in promoting industry and academic partnership.
- To instigate research activities for students and faculties to make them innovator designers and solution providers.
- To meet various demands of the nation in the field of Electrical and Electronics Engineering by providing intellectual problem solving technologies with social and professional responsibilities.

ABOUT DEPARTMENT

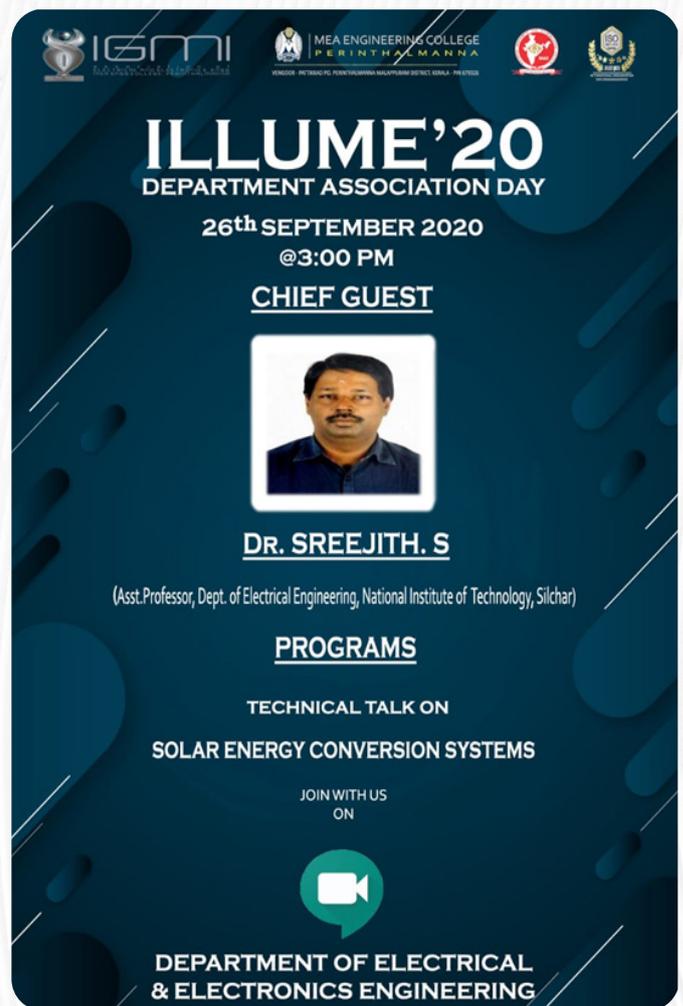
Department of Electrical and Electronics Engineering was established in the year 2005 with UG program (B.tech) under University of Calicut with an intake of 60 students. In 2012 the department started its PG program with a specialization of Power Electronics and Drives with an intake of 18 students. In 2014, the strength of students increased to 24. From 2015 onwards both UG and PG programs are under Kerala Technological University. The department is now 14 years old with excellent facilities like well arranged class rooms, well equipped laboratories and seminar hall. The faculties are well qualified and experienced in both teaching and industrial applications. In its course towards excellence the department provides the students skills to thrive and survive the real time challenges and extreme competition.



Engineer's Day



ILLUME'20



EEE Department of MEA Engineering College had organized a Quiz Competition on Engineer's Day on 15th Sept 2020. Mr. JITHIN MOHAN K.S. (Faculty advisor, IGMI) welcomed the gathering and keynote address was delivered by Dr. FEBINA BEEVI. P (HOD, EEE). Students from various semester of EEE and ECE Department participated in the event. Our Students Fahim Ali, Mohammed Shibili and Sahid Irfan of EEE Dept won the prizes.

The EEE Association Inaugural function "ILLUME'20" organized by the Students and the Staffs of the department of Electrical and Electronics Engineering was conducted on 26/09/2020 using Google meet Platform. Mr. Jithin Mohan K S welcomed the gatherings, Presidential address was given by Dr. Febina Beevi. P (HOD, EEE), Inaugural address was given by Dr. Sreejith S (Asst. Professor, NIT, Silchar) and Special address was given by Dr. G.

Ramesh (Principal, MEAEC). The event proceeded with the felicitation by Dr. V.H. Abdul Salam (Director, MEAEC) and Mr. Haneesh Babu. K.T(Vice Principal, MEAEC). Thereafter the Technical Speech was given by Dr. Sreejith S (Asst. Professor, NIT Silchar). The program concluded with vote of thanks by our student Mr. Muhasin K (Chaiman, IGMI).

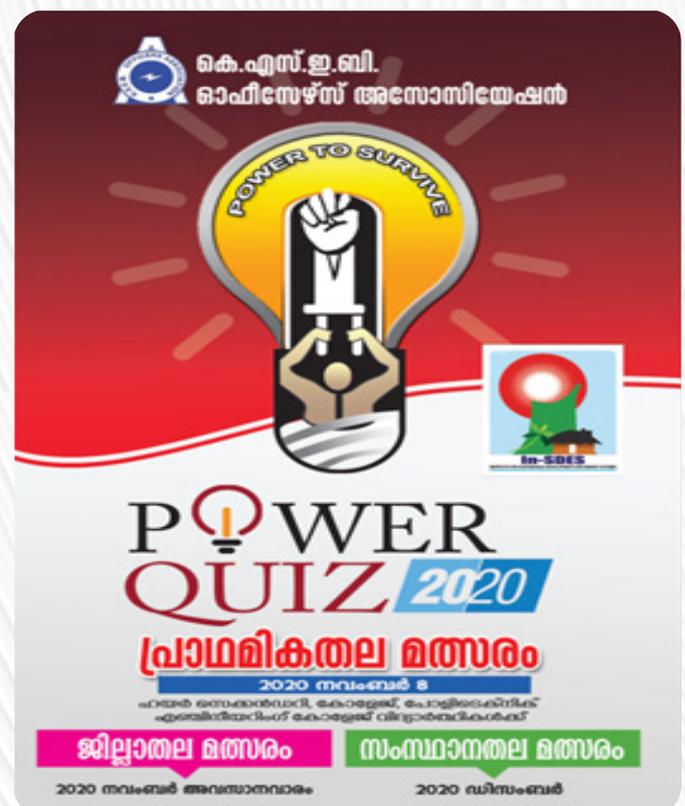
Webinar on the topic Artificial Intelligence



The EEE Association organized an International Webinar on the topic Artificial Intelligence, on 6th Nov 2020 using Google meet Platform. Welcome speech was given by Mr. Jithin Mohan K S,

Assistant Professor, EEE Department. Presidential address was given by Dr. Febina Beevi. P (HOD, EEE), MEA Engineering College. Special address given by Dr. G. Ramesh (Principal, MEAEC). Inaugural address was delivered by Dr. John Thomas and also released the Electrical and Electronics Engineering Newsletter “IGNITE” for the year 2019-20. More than 100 students participated in the program. The program concluded with vote of thanks by our student Mr. Muhasin K (Chaiman, IGMI).

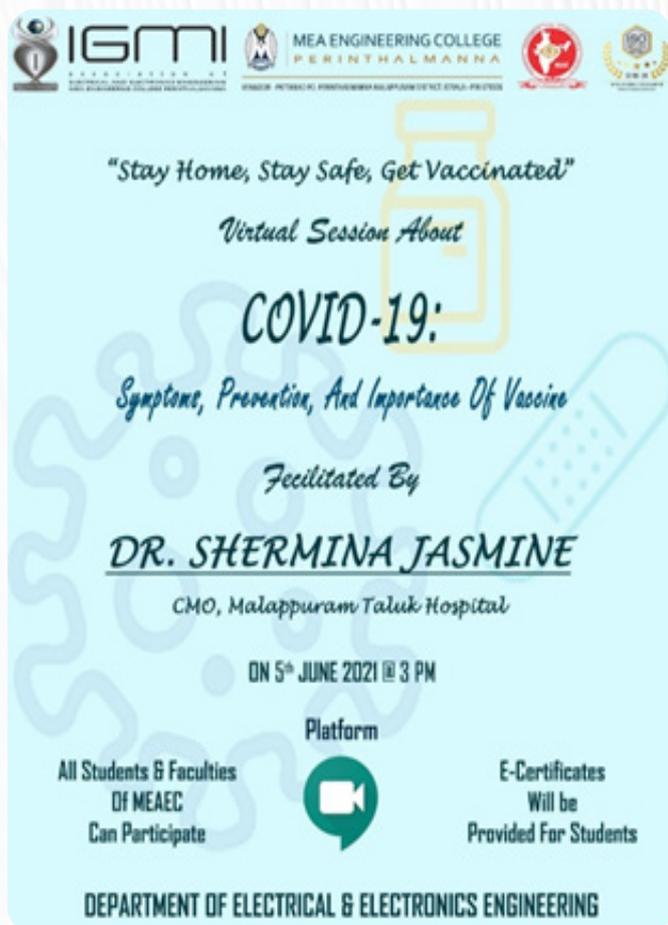
Event : KSEB Officer’s Association Power Quiz Competition



District level KSEB Officer's Association Power Quiz Competition was organized by KSEB Officer's Association on 8th Nov 2020. Mr. Jithin Mohan K.S. (Faculty advisor, IGMI) welcomed the gathering and keynote address was delivered by Dr. Febina Beevi. P (HOD, EEE). Students from various semester of EEE and ECE Department participated in the event. Our students Athul Krishnan T and Mohammed Fawaz Third year ECE won the prizes.

Event: "Covid 19 – Symptoms, Preventions, and Importance of Vaccine"

EEE Department of MEA Engineering College had organized an awareness Program on the topic "Covid 19 – Symptoms, Preventions, and Importance of Vaccine" on 05 June 2021 at 3PM via Google meet. The Chief Guest of the Function was Dr. Shermina Jasmine, CMO, Malappuram Taluk Hospital. Mr. Jithin Mohan K S (Assistant professor and Staff Advisor of IGMI) gave the welcome speech. Presidential Address was given by Dr. FEBINA BEEVI. P (HOD, EEE). Mr. Haneesh Babu K T (Vice Principal, MEA) conveyed the Felicitation. Around 101 participants attended the program. Vote of thanks was delivered by Mr. Muhsin K (Chairman, IGMI).



Awards

Won best paper award in the conference International conference on circuits, control and energy(ICCCE-21) for the paper “Baby diaper incinerator” by the students Ms. Fahma, Mr. Fasal Rahman and Mr. Ananthu under the guidance of Dr. Febina Beevi P



Ms. Fahma



*Mr. Fasal
Rahman*



Mr. Ananthu



*Dr. Febina
Beevi*

Funding

1. KTU CERD funding for the project “Voting system with finger print sensor and global system for mobile communication” by the students Ms. Sreelakshmi, Ms. Shefaana Sharin and Mr. Thaha Muzammil under the guidance of Ms. Neethu Sajeev



Ms. Sreelakshmi



*Ms. Shefaana
Sharin*



*Mr. Thaha
Muzammil*



*Mrs. Neethu
Sajeev*

2. KSCSTE funding for the project “Thermal screening drone for solar panels and electric towers” by the students Mr. Muhammed Junaid, Mr. Wasim, Mr. Muhammed Shibili and Mr. Muhammed Sameen under the guidance of Dr. Febina Beevi P



Mr. Muhammed Junaid



Mr. Wasim



Mr. Muhammed Shibili



Mr. Muhammed Sameen



Dr. Febina Beevi

3. KSCSTE funding for the project “High step up gain switched LC converter with an inverter configuration for PV application” by the student Ms. Fathima Fairoosa under the guidance of Mr. Haneesh Babu K T



Ms. Fathima Fairoosa



Mr. Haneesh Babu

4. KSCSTE funding for the project “Digital fuel Meter” by the students Mr. Muhammed Saleek, Mr. Muhammed Afneeth, Mr. Muhammed Shibin and Mr. Munavvir under the guidance of Mr. Jithin Mohan K S



*Mr. Muhammed
Saleek*



*Mr. Muhammed
Afneeth*



*Mr. Muhammed
Shibin*



Mr. Munavvir



*Mr. Jithin Mohan
K S*

5. KSCSTE funding for the project “A new bridge switched capacitor based five level inverter” by the student Ms. Shaima E K under the guidance of Ms. Neethu Sajeev



Ms. Shaima E K



*Ms. Neethu
Sajeev*

List of publication

1. Muhammed Ashiq A, Sahid Irfan, Sebeena P and Musthafa P “Single-Phase Bi-Directional EV Charger for V2H and V2G Application” ICCCE-'21 13-15 July 2021
2. Fathima Fairroosa P P and Jouhar C “Single Switch Inverting Buck Boost Topology” ICCCE-'21 13-15 July 2021
3. Shaima E K, Dr.Febina Beevi P and Neethu Sajeev “Dual-Switch Boost DC-DC Converter” ICCCE-'21 13-15 July 2021
4. Fahma E C, Ananthu T, Fasal Rahman and Dr.Febina Beevi P “Baby diaper incinerator” ICCCE-'21 13-15 July 2021

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