



ENLYTUS –Monthly Newsletter

April '21 Edition

AT A GLANCE

- Department Activities
- Faculty Achievements/Activities
- Student Achievements/Activities

Protect yourself and others



Wash your hands frequently or use an alcohol-based hand rub



Cough or sneeze into your sleeve



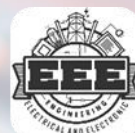
Limit physical contact



Be diligent with cleaning



If you are older or have a chronic illness, avoid crowds of people and advise others to be aware of your condition



Vision of Department:

To be an exemplary department in Electrical Engineering to facilitate value imbibed quality professionals.

Mission of Department:

1. Impart state of the art knowledge in Electrical and Electronics Engineering Field.
2. Inculcate the culture of research and lifelong learning.
3. Facilitate the professionals with commitment towards Social & Ethical Values.

Programme Educational Objectives:

1. Graduates will handle the modern tools and take diverse career paths / research / higher education.
2. Graduates will excel with managerial and leadership qualities.
3. Graduates will have skills to work in teams with integrity & ethical values.

Programme Specific Outcomes:

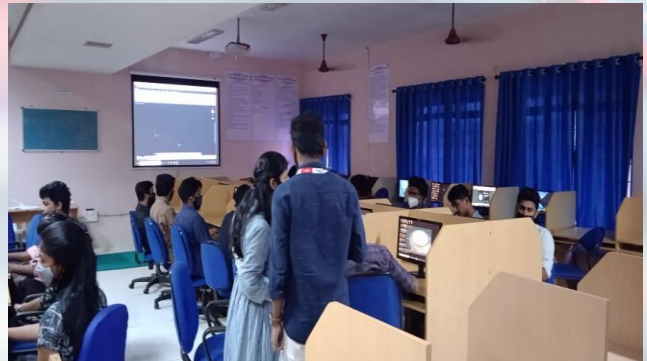
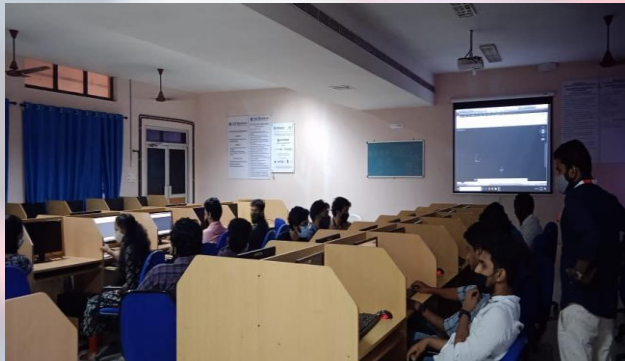
1. Graduates will be able to analyze design and provide engineering solutions in the areas related to Power Electronics, Drives, and Power Systems.
2. Graduates will be able to apply domain specific knowledge to provide solutions in the areas related to Control & Automation and Electrical system Design

DEPARTMENT ACTIVITIES

- ❖ The online classes for S4 and S2 classes started on 26th April as per the KTU notification.
- ❖ The class committee meeting of S6 EEE was conducted on 8th April through Google Meet.
- ❖ The first internal test for final year students was conducted on 24th and 26th of April
- ❖ Mock Interview conducted for final year students by two panels headed by Ms Gomathy S, Dr Jeny Paul, Dr Tony George, Ms. Anitha P, Dr Subramoniyam, Ms. Deepa Sankar with other faculty members make them prepare for the upcoming placements.
- ❖ Industrial Training was given to the final year UG and PG students in the area of Power Electronics and Battery Management by Beacon as a part of Industry Institute Collaboration. The entire training was done in two Sessions. Session 1 was regarding the collaborative works and Research areas in the field of power electronics, the second session was Hands-on training on Inverters, and Solar MPPT. The training was highly beneficial for the students in executing their final year projects.



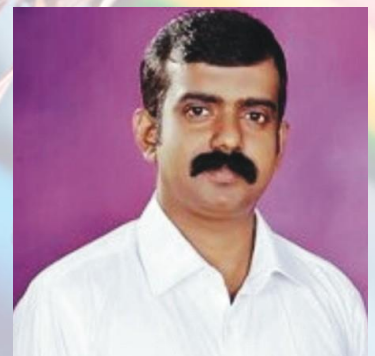
- ❖ Training for S8 students on CAD and Revit MEP in the Programming and Simulation Lab.



- ❖ Three project proposals submitted to ANERT was provisionally selected for the initial presentation. The teams were lead by Dr Jeno Paul, Ms Deepa Sankar, Ms Akhila K (Principal Investigators), Ms Anna Baby, Ms Nayana J (Co investigators) and Ms Anitha P, Ms Rajalakshmy S, Ms Rajitha A R, Ms Remya K P, Ms Hima T as investigators.

FACULTY ACHIEVEMENTS

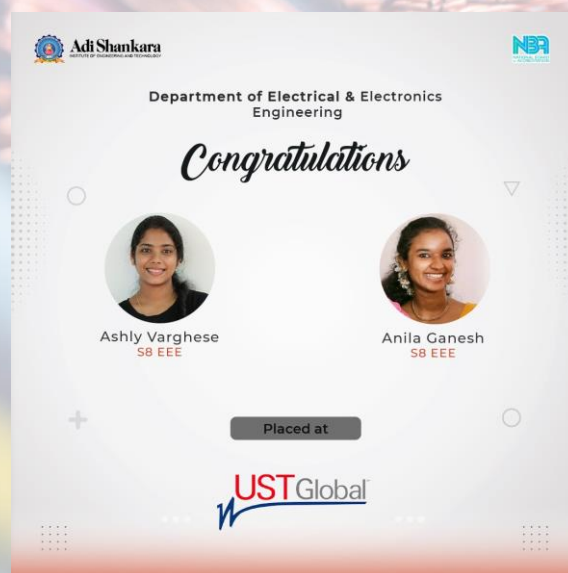
- ❖ Manuscript titled “An Efficient Power Management of Rooftop Grid Connected Solar Photovoltaic System Using Micro FACTS Devices” Connected published on Annals of R.S.C.B., ISSN: 1583-6258, Vol. 25, Issue 4, 2021, Pages. 2718 – 27353(Scopus indexed)
- Invention Entitled System and Method for Indoor Clothes Dryer Using Direct Transportation of Solar Light, Patent Application 2021101539 granted on 28/4/2021. Inventors :P.Jenopaul, ect (Australian Patent)
- ❖ ASIET and ANERT (Department of Power, Government of Kerala) collaborative funded project proposal worth of 7 lakhs is provisionally selected for initial presentation.



- ❖ Non Destructive Testing of Milk adulteration using Ultrasound by Tony George, P.Jenopaul Gomathy S, et al published on Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 4, 2021, Pages. 8912 - 8919(scopus indexed)
- ❖ Ms. Nayana J, participated in 5 day FDP on "Environmental Impact Analysis", Organised by Department of EEE, MDIT Calicut from 19th To 23rd April 2021.

STUDENT ACHIEVEMENTS

- ❖ The project titled '**Emergency Vehicle Traffic Clearing System**' by Cyril Varghese, Anila Ganesh, Aswin Babu, Vignesh S under the guidance of Ms Rajalakshmy S was provisionally selected for CERD funding. The final selection will be based on the presentation made by them before the authorities.
- ❖ Haritha K J of S2 EEE has participated in Quiz Competition conducted on 11th April by Women In Computing of IEEE Computer Society Kerala chapter
- ❖ Abhijith A Of S2 EEE Has Participated In Under 19 Football Tournament Conducted By 5star arts club on 3rd April 2021. Venue: Koduvayur Ground Palakkad
- ❖ Muhammed Fahad P S of S2 EEE has participated in MFSL 7s football league conducted by Kadungaloor society from 8th April to 12th April 2021. Venue: Megalaya floodlight stadium



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