

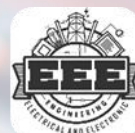


ENLYTUS –Monthly Newsletter

March '21 Edition

AT A GLANCE

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



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

ACADEMIC ACTIVITIES

The online classes for S8 and S6 classes started during the second and third week of March as per the KTU academic calendar.

Mock Interview conducted for final year students by two panels headed by Ms Gomathy S, Dr Jeno Paul, Dr Tony George, Ms. Anitha P, Dr Subramoniyam, Ms. Deepa Sankar with other faculty members on 26th of March to make them prepare for the upcoming placements.



Training for S8 students on CAD and Revit started on 29th March in the programming and Simulation lab.

The department in association with Paristhithikam Project of Directorate of Environment and Climate Change NSS units, Bhoomithrasena organized a webinar for S1 & S3 students on the “Importance of Energy conservation” by Mr Adil Naseer, Asst Professor, College of Engineering Kidangoor on 16th March through online platform. A magic show was also conducted based on the topic on 18th march for the first year students at the college seminar hall. The entire program was coordinated by Mr Sijo George.

RESEARCH SEMINARS

A series of research seminars were conducted within the department during this month at the EEE seminar hall for giving emphasis to the research activities of the faculties. Dr. P. Jenopaul presented seminar on the Topic “Three Phase Auto Power Balancing System For Distribution Transformer” on 1st March. Dr Tony George presented seminar on the Topic “Mask less Lithography using digital light processing” on 15th and Dr. S. Subiramoniyan presented seminar on the topic “Review of Research methodologies” on 30th March. All faculty members and technical staffs attended the session to enhance the knowledge in that particular area.

INDUSTRY INTERACTIONS

Inauguration of the new Industry supported lab by BEACON Pvt Ltd. MOU was also signed between ASIET and BEACON Pvt Limited as a part of Institute Industry collaboration.



To establish a collaboration with Institute and Industry, a MOU was signed with L&T (Switchgear, Training Centre) Coonoor, Ooty on 3rd March .It was an initiative by Dr Subramoniyam of EEE Department.

OUTREACH PROGRAMS

Ms Gomathy S delivered a talk on Energy Conservation and Management as guest of honour for Retailers Training Program under Standards and Labeling Program organized by Bureau of Energy Efficiency on 23rd March at Abad plaza.Mr Sijo George and Mr Sreehari S also attended the meeting.





Mr Sijo George Coordinated the LED Bulb, Tube Light making and repairing workshop at Sree Narayana English Medium school, Okkal with the support of Mr Lyson John and Mr Venugopal. Dr Suresh Kumar V, Principal, Inaugurated the function



IEEE ACTIVITIES


IEEE WIE organised an experience sharing session with Ms Reshma B in association with womens day celebrations on 8th March.

Ms Gomathy S shared Womens Day Message as a part of Womens day celebration at the college Ms Deepa Sankar, Ms Akhila K, Ms Anna Baby Ms Hima T and Ms Rajitha A R from the department participated in various events.

EXPERA



"Women in Leadership"
An experience sharing by



Ms. Reshma B
Industry and Public Relations
Coordinator, IEEE EMBS Kerala
Chapter

On
International Women's Day
8th March, 2021
6:30 pm

Register Now:
bit.ly/EXPERA

STAFF ACHIEVEMENTS

Dr Jenopaul



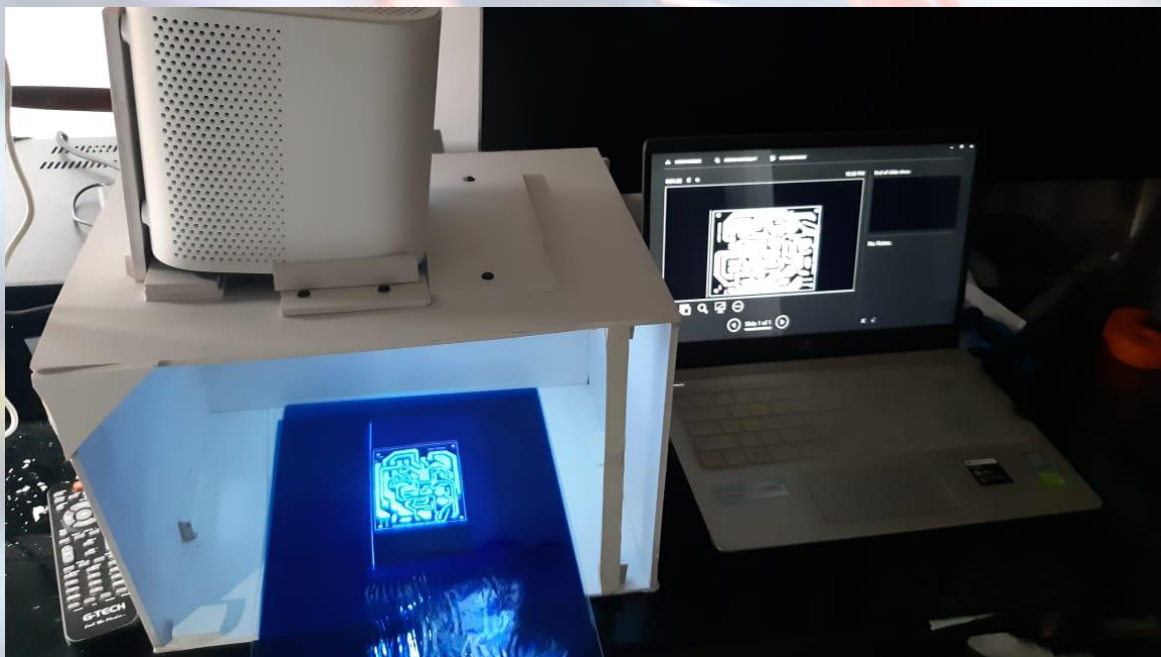
- ✚ Book chapter entitled “Authorization In HSV-DWT-DCT - For Depth-Image-Based Rendering 3D Images” accepted for publication in the book Advanced Aspects of Engineering Research (International Book).(Ms. No.: 2021/BP/9838D)
- ✚ Book chapter entitled “Hybrid Voltage Control Model for Hybrid Renewable Energy Systems” accepted for publication in the book Advanced Aspects of Engineering Research. (Ms. No.: 2020/BP/6496D)
- ✚ Manuscript titled "Design and Implementation of Solar Powered Electric Vehicle for Multitasking Application in Agriculture" Connected accepted for publishing Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 2, 2021, Pages. 923 - 930 which is Scopus Indexed
- ✚ Manuscript titled Content based image retrieval method using fuzzy heuristics' Pubini P, Dr.P.Jenopaul et all Annals of R.S.C.B., ISSN:1583-6258, Vol. 25, Issue 3, 2021, Pages. 2254 - 2263
- ✚ Manuscript titled "Design and simulation of Efficient Energy Utilization power converter for Rooftop Solar Photovoltaic Grid" Connected accepted for publishing in INFORMATICA JOURNAL (publisher INST MATHEMATICS & INFORMATICS) which is Scopus Indexed and Science Citation Index Expanded journal. ISSN 0868-4952 / 1822-8844, Impact Factor: 1.928

- ✚ Invention entitle Areca leaf shredding machine, patent app number: 20214007307 filed on 24/2/2021 . Inventors :P.Jenopaul, ect (published on 05/03/2021 and now awaiting for examination)
- ✚ Invention entitle “System And Method For Indoor Cloths Drying Using Direct Transportation Of Solar Light”App Num 2021101539filed on 4/3/2021 .Inventors :P.Jenopaul, ect

Dr Tony George



Maskless Lithography for Printed Circuit Board fabrication using Digital Light Processing developed by Dr. Tony George.



Mr Sijo George



- ✚ Mr Sijo George is selected as the executive Committee Member of Green Cochin Mission which is an initiative of District Legal service authority, Indian Medical Association, Child Line Shuchitwa mission and Justice Brigade
- ✚ Conducted a webinar on Home Energy Management for NSS Volunteers of MBITS ,Nellikuzhy on 26th March.
- ✚ Coordinated blood donation camp on 29th march at ASIET in association with Amrita Hospital Ernakulam.

Adi Shankara

EVERYONE
COULD BE A HERO

DONATE
TODAY!
SAVE A LIFE

29 TH MARCH
10 AM - 1PM

GIVE
BLOOD

IN ASSOCIATION WITH
AMRITA HOSPITAL
ERNAKULAM

CONTACT US:
ELIZABETH : 9656273933
ANU : 9072466903
MUSTAFA : 97440 28855

NATIONAL SERVICE SCHEME, UNIT NO 228,582



- ✚ Ms Remya K P and Ms Rajitha A R attended six day online faculty development program on “Effective Teaching and Learning of Modern Electric Drives” organized by Department of Electrical Engineering in association with Teaching Learning Centre ,National Institute of Technology, Warangal during 15th to 20th March.
- ✚ Ms Anna Baby received certificate of Appreciation from NPTEL for her role as mentor for the NPTEL course: Advances in UHV Transmission & Distribution”.

STUDENT ACHIEVEMENTS

Haritha KJ (S1 EEE):

- ✚ Participated in water quiz as part of "Jal Shakthi Abhiyan: Catch the rain" campaign conducted by National Water mission & MyGov.
- ✚ Participated in Nari shakti Quiz as part of "women's day" conducted by Ministry of Women and Child Development & MyGov .
- ✚ Participated in Poshan Pakhwada Quiz conducted by Ministry of Women and Child Development.
- ✚ Participated in Know Your State Quiz conducted by MyGov Manipur

- ✚ **Abhimanue Ashok (S3 EEE)** :Attended a webinar on Reduce Air Pollution conducted by Paristhithikam on 16th March and webinar on Connect Dots with Digital For Digital marketing on 31st March.

- ✚ **Ameena Shirin(S3 EEE)** has been a part of internshala student partner 21 program and actively participated in the referral contest held in the month of March

✚ **Kiran Satheesh and Bassam C Basheer (S1 EEE)** has participated in the webinar on Energy Conservation organized by the department in association with Paristhithikam Project of Directorate of Environment and Climate Change, Govt of Kerala.

EDITORIAL BOARD | CHIEF EDITOR: Smt. Gomathy S. (HoD EEE)

STAFF EDITORS

Ms. Rajitha AR (Assistant Professor)
Ms. Anna Baby (Assistant Professor)
Ms. Hima T (Assistant Professor)
Ms. Akhila K (Assistant Professor)
Ms. Nayana J (Assistant Professor)

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Aswathy S Pai (S6)	Muhammed Fahad P S (S1)
Alan Williams Paul (S6)	Sulfath N S (S1)