



ENLYTUS –Monthly Newsletter

July '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 university examination for the final semester B tech Students was conducted from July 3rd onwards on online mode as per the directions from the Kerala Technological University.

Online Aptitude Training was given to the third-year students to equip them for the upcoming placements.

The second internal examination for sixth semester B Tech students was conducted on 10th, 12th & 13th of July through online mode.

A KTU sponsored Faculty development Program on “Power Electronics for Electric Vehicles- Control and Challenges “was conducted by the department from 6th to 10th July. The program was officially started with the welcome address by Prof Gomathy S, HOD EEE followed by Presidential address by Sri K Anand, Managing Trustee, Adi Shankara Trust, Inaugural address by Prof Dr.M.P. Selvan, NIT, Trichy and Principal’s address by Dr V Suresh Kumar. Dr Jeno Paul delivered the vote of thanks followed by the first session of the day. All the sessions were handled by eminent personalities from both Industry and Academia including IIT’s and Nit’s. Faculty members from various colleges affiliated to KTU actively participated in this 5 day FDP. Dr. Jeno Paul, Dr S. Subaramonian, Ms. Deepa Sankar, Ms. Remya K P and Ms. Nayana J were the co coordinators for the event.



A webinar on “Introduction to MEP” was organized by the department for all the students to explore the job opportunities in that area. Ms. Akhila K and Mr. Sreehari S coordinated the webinar.

A NAAC awareness class was given to all the faculties by Dr Krishna Venkatesh on 14th July through online mode.

RESEARCH SEMINARS

Ms. Gomathy S presented a topic on “Challenges, Issues and Solutions in Microgrid” in the research seminar series organized by research cell of ASIET on 13.07.2021

Ms. Akhila K presented a topic on “Resilience of power Grids” in the research seminar series organized by research cell of ASIET on 12.07.2021

BOOK CHAPTER PUBLISHED

A Book chapter entitled “Phase Locked Loop Controller Based Three Phase Unified Power Quality Conditioner for Non-Linear and Voltage Sensitive Load” by Dr Jeno Paul, Dr Tony George, Dr.S. Subiramoyanian, Prof Gomathy S, Ms. Anitha P got Accepted for Publication From B.P International

FACULTY ACHIEVEMENTS

Prof.Gomathy S

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges’ from 06.07.2021 to 10.07.2021 conducted by ASIET

Attended KTU sponsored Faculty Development Program on “GREEN ENERGY: CONSERVATION AND MANAGEMENT” from 23rd to 25th June 2021 organized by Department of Electronics and Communication Engineering MGM College of Engineering and Technology, Ernakulam

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM.

Dr J Jenö Paul

Patents Filed

Second Collaborative Patent Entitled 'An E-Vehicles Charging By Wi-Fi Pad By Using Iot And System' Has Been Granted By Ip Australia On 21 July 21.

Academic Achievements

Conducted a session on "Hardware Implementation of BLDC Drive for Electric vehicle" in the KTU Sponsored Faculty Development Program On "Power Electronics for Electric Vehicle –Control and Challenges "at Adi Shankara Institute of Engineering and Technology, Kalady on 07/7/2021.

Conducted a session on "Electric Vehicle Controller Design using MATLAB" at Universal Engineering College On 23/7/2021 as a part of Three-Day Online Faculty Development Program on "Multi-Disciplinary Application Through MATAB"

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM.

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges' from 06.07.2021 to 10.07.2021 conducted by ASIET

Dr. Tony George

Conducted a session on "Hardware Implementation of BLDC Drive for Electric vehicle" in the KTU Sponsored Faculty Development Program On "Power Electronics for Electric Vehicle –Control and Challenges "at Adi Shankara Institute of Engineering and Technology, Kalady on 07/7/2021.

Conducted a session on “Simulation of drives used in Electric vehicles” at Universal Engineering College On 23/7/2021 as a part of Three-Day Online Faculty Development Program on “Multi-Disciplinary Application Through MATLAB”

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM.

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges’ from 06.07.2021 to 10.07.2021 conducted by ASIET

Dr. S Subiramonian

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges’ from 06.07.2021 to 10.07.2021 conducted by ASIET.

Ms. Anitha P

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges’ from 06.07.2021 to 10.07.2021 conducted by ASIET.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Ms. Rajalakshmi S

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges’ from 06.07.2021 to 10.07.2021 conducted by ASIET

Attended a mentor training FDP from 5th to 9th July organized by NITTTR, Chennai.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Ms. Anna Baby

Attended 5-day FDP on “Power Converters-An Embedded Systems Based Approach” from 22nd to 28th July,2021 at FISAT, Mookkannoor.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Attended online FDP on “Power Electronics for Electric Vehicles - Control and Challenges” from 06.07.2021 to 10.07.2021 conducted by ASIET.

Attended Webinar on “Introduction to Advanced Electric Vehicle Technologies” on 31st July

Ms. Deepa Sankar

Attended 5-day FDP on “Power Converters-An Embedded Systems Based Approach” from 22nd to 28th July,2021 in FISAT, Mookkannoor.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Attended online FDP on “Power Electronics for Electric Vehicles - Control and Challenges” from 06.07.2021 to 10.07.2021 conducted by ASIET.

Ms. Rajitha A R

Attended online FDP on “Power Electronics for Electric Vehicles - Control and Challenges” from 06.07.2021 to 10.07.2021 conducted by ASIET.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM.

Ms. Remya K P

Attended 5-day FDP on “Power Converters-An Embedded Systems Based Approach” from 22nd to 28th July at FISAT, Mookkannoor.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Attended online FDP on “Power Electronics for Electric Vehicles - Control and Challenges” from 06.07.2021 to 10.07.2021 conducted by ASIET.

Ms. Nayana J

Attended 5-day FDP on “Power Converters-An Embedded Systems Based Approach” from 22nd to 28th July at FISAT, Mookkannoor.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Attended online FDP on “Power Electronics for Electric Vehicles - Control and Challenges” from 06.07.2021 to 10.07.2021 conducted by ASIET

Ms. Akhila K

Attended an online FDP on "Smart grid monitoring and stability: a microgrid perspective" from 24/07/2021 to 28/07/2021 conducted by College of Engineering, Vadakara.

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges' from 06.07.2021 to 10.07.2021 conducted by ASIET.

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM.

Ms. Hima T

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Attended online FDP on “Power Electronics for Electric Vehicles - Control and Challenges” from 06.07.2021 to 10.07.2021 conducted by ASIET

Attended online FDP on “Role of Power Electronics in Renewable Energy Systems” from 5TH-9TH July organized by Department of Electrical & Electronics Engineering, College of Engineering, Kidangoor Sponsored by TEQIP PHASE II.

**Mr. Alan Mathew
George**

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM.

Attended online FDP on “Power Electronics for Electric Vehicles - Control and Challenges” from 06.07.2021 to 10.07.2021 conducted by ASIET.

Mr. Sreehari S

Patents Filed

Filed a Patent on Mine Ventilation which will be published within a month.

Academic Achievements

Attended KTU sponsored FDP on "Power Electronics for Electric Vehicles-Control and Challenges" organized by Department of EEE, ASIET from 6th-10th July 2021

Attended KTU sponsored Faculty Development Program on “GREEN ENERGY: CONSERVATION AND MANAGEMENT” from 23rd to 25th June 2021 organized by Department of Electronics and Communication Engineering MGM College of Engineering and Technology, Ernakulam

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

Mr. Sijo George

Attended online FDP on Power Electronics for Electric Vehicles - Control and Challenges’ from 06.07.2021 to 10.07.2021 conducted by ASIET

Attended KTU sponsored Faculty Development Program on “GREEN ENERGY: CONSERVATION AND MANAGEMENT” from 23rd to 25th June 2021 organized by Department of Electronics and Communication Engineering MGM College of Engineering and Technology, Ernakulam

Attended a webinar on Securing Intellectual Property Rights organized by Adishankara Skill Kendra in association with NASSCOM

STUDENT ACHIEVEMENTS



Rohini Prasad of S2 EEE has secured first position in the Origo Ambassador Program representing ASIET conducted by Signal Processing Society SB ASIE



Ashita Sajeev of S2 EEE has secured first position in Imperium an event conducted by PELS Kerala chapter

Congratulations Adithya P Rajeev for being selected for an internship in the 'Research and Development Intern' position at DIYguru with a paid stipend of 5,000 INR with performance incentive.



DIYguru Education & Research Pvt. Ltd

C-1252 Ansal Esencia, Sector 67,

Gurugram, Haryana 122101

CIN - U80904DL2017PTC323529

Registered with Department of Industrial Policy & Promotion – DIPP9213

Date: 14th July 2021

Intern Details:

Name: Adithya P Rajeev

Intern Code: DIYGINT652

Work Profile:

Intern R&D

Roles & Responsibilities:

1. Course Auditing & Improvements (Quizzes, Questions, Assignments, Videos).
2. R&D Content Development & Research Paper reviews.
3. Conduct online events and webinars on college / school level.



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(Accredited Branches-CSE, ECE, EEE & ME)



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Ms. Nayana J (Assistant Professor)

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