



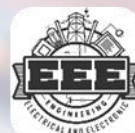
Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
Vidya Bharathi Nagar , Mattoor, Kalady, Ernakulam, Kerala 683574

ENLYTUS –Monthly Newsletter

May '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 first internal examination for S6 B tech students was conducted on 6th,7th and 10th of May through online platform.

A batch of five students from EEE out of the total 15, mentored by Mr Sreehari S completed Diploma Certification Course in RPA Developer Foundation Course. Completion Certificates were issued to the candidates by Ui Path.

A GATE demo Class and Orientation was given to S4 students on 24th May to give an awareness on opportunities after B Tech, GATE Exam Preparation, Career options after GATE Exam and also arranged demo Class for a technical Subject. The program was coordinated by Mr. Sreehari S under IIPC Cell of the department.

The poster is for a GATE Orientation & Demo Class. At the top, it features the logo of Adi Shankara Institute of Engineering and Technology, Kalady, Ernakulam. Below this, a white box contains the text 'EEE IIPC CELL PRESENTS'. The main title 'GATE ORIENTATION & DEMO CLASS' is prominently displayed in large, bold, white letters on a dark blue background. The event details are listed below: Date : May 24 (Monday), Time : 2.30pm to 3.30pm, Semester : 4, Branch : EEE, and Platform - Google Meet with a video icon. At the bottom, it says 'Powered by' followed by the logo for 'ONES' (Organization for Nurturing & Empowering Students).

Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
KALADY, ERNAKULAM

EEE IIPC CELL
PRESENTS

GATE
ORIENTATION &
DEMO CLASS

Date : May 24 (Monday)
Time : 2.30pm to 3.30pm
Semester : 4
Branch : EEE
Platform - Google Meet

Powered by
ONES
ORGANIZATION FOR NURTURING & EMPOWERING STUDENTS

A career orientation class on Data Analysis with MySQL and Python for Data Science was arranged for S7 students on 8th May by Ekeeda to make them aware of the career prospects in this particular area.

An Online webinar on EV Battery Charging Technology & Control Strategies was presented by Ms. Rajitha A R on 31st May for the B tech & M Tech students of EEE and EC department. This program was organized by the department under the Industry Collaborated Laboratory, Beacon Energy Storage System. The officials from Beacon were also present for the program. Ms. Gomathy S, HOD, EEE in the concluding session had given an insight to the current developments going on and motivated the students to do research and develop innovative projects in this area. The event was coordinated by Mr. Sreehari S who is in charge of IIPC Cell of the department.

All the teaching and non-teaching faculties of EEE department attended the webinar.

Technical Mock Interview was conducted for the students of S7 EEE by the department to equip themselves for the upcoming placement drives. Two panels consisting of HOD and Senior Faculty members interacted with the students through online platform.

**ASIET**
ADI SHANKARA INSTITUTE OF
ENGINEERING AND TECHNOLOGY
Vidya Bharathi Nagar, Mattoor, Kalady, Kerala - 683574
www.adishankara.ac.in

**Beacon**
POWER TO PERFORM
Vengoor-Piraroor Rd, Piraroor, Kalady, Kerala - 683574

INDUSTRY COLLABORATED LABORATORY

ONLINE WEBINAR
ON
EV BATTERY CHARGING TECHNOLOGY & CONTROL
STRATEGIES

DATE: 31/05/2021
TIME: 04:00 PM

Reg. Link :
<https://forms.gle/dht16uvby4chrtDE7>


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M.Tech PEPS, VLSI & CE
Officials & Employees from
BEACON ENERGY STORAGE SYSTEMS Pvt.Ltd.

Speaker Profile

Mrs Rajitha A R
Assistant Professor
Dept. of EEE, ASIET

For more details Contact:
Mr Sreehari S, Assistant Professor, EEE, ASIET-PH: 89215411654
Mr Prasanth P Menon, Assistant Professor, ECE, ASIET- 9496332482

RESEARCH SEMINARS

A series of research seminars were conducted within the department during this month through online platform .

Ms Anitha P presented a topic on “Energy harvesting from Waste heat- Scope & challenges” in the research seminar series organized by research cell of ASIET on 17.05.2021

Ms. Deepa Sankar presented topic on “Embedded Controllers for Power Electronic Applications” in the research seminar series organized by research cell of ASIET on 11.05.2021

Ms. Rajitha A R presented topic on “Electric Vehicle Battery Modelling” in the research seminar series organized by research cell of ASIET on 26.05.2021

Ms. Remya K P presented topic on “High Gain Single Stage DC to AC Converter” in the research seminar series organized by research cell of ASIET on 17.05.2021

Ms. Nayana J presented a topic on " PV STATCOM for Power Quality Improvement" in the research seminar series organized by research cell of ASIET on 11.05.2021

IEEE IAS PES ACTIVITIES

AQUADEATE 2.0, the presentation competition based on water technologies was hosted by Industry Applications Society Chapter of IEEE Student Branch, ASIET on 9th of May to 10th of May, 2021 in accordance with World Water Day Celebrations, through an online platform. Around 41 participants were there which included IEEE members and Non-IEEE members. Another event, an online treasure hunt competition aimed for high school and upper primary school students was also on

9th of May 2021 from 10.00am to 7.00pm through an online platform. Around 14 participants attempted the treasure hunt.



As a part of PES Day 2021, a webinar on the topic “The Scope of Humanitarian projects in Clean Energy Sector “in accordance with Alora-an initiative to impart knowledge on Renewable Energy Sector was given by Prof V.K. Damodaran on 7th May for all the students of the department. The session focused on the vast fields and opportunities for students to initiate project ideas in this area and various ways by which it can be accomplished.



FACULTY ACHIEVEMENTS

Ms. Remya K P presented a Webinar on Electrical Design: Concepts & Standards by on 11th May at Sree Narayana Mangalam Institute of Management & Technology, Maliankara. The webinar was open to all current B Tech students and Graduates of Electrical & Electronics Department. Around 80 students participated in this webinar



Webinar by Mr Sijo George on 23rd May on the topic NSS & Social Participation.



He also participated in the Praveshanolsavam of Government High School, Pulickamaly as Guest of the day.

Anna baby, Sreehari.S, Dr. Jenopaul.P published a Paper on “Novel LMS-Neural Network based DSTATCOM for Improving Power Quality” in Annals of R.S.C.B., Vol25, issue 4.

Remya K P, Rajitha A R, Dr. Jenopaul.P published a Paper on “Novel Predictive Current Controller for DSTATCOM to Improve Power Quality” in Annals of R.S.C.B., Vol25, issue 5.

Ms Remya K P and Ms Rajitha A R attended online STTP on" Power Electronics for the EV age and beyond" held at GEC Trissur from 24th to 28th May.

STUDENT ACHIEVEMENTS

Agin joseph of S7 EEE got placed in Ospyn Technologies

Haritha K J of S2 EEE has been selected as the Campus Ambassador for R2R: Roadway to Robotics', a two-day event conducted by IEEE RAS Kerala Chapter in association with TCS Rapid labs.

Haritha H of S2 EEE has been selected as the member of IEEE SB coordination team 2021.



Muhammed Fahad, Ashna S and Rohini Prasad has been selected as members of IEEE SB Membership development team 2021. Rohini Prasad was also selected as the Campus Ambassador for Origo - a 5-day event conducted by IEEE SB ASIET



Rohini Prasad

Muhammed Fahad P S

Ashna S



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY



Department of Electrical & Electronics
Engineering

Congratulations



KHADEEJA BEEVI M A

S4 EEE



DEVIKA R NAIR

S4 EEE



SANJANA ROSE

S4 EEE



S CHANDRACHOODAN

S4 EEE

**On Securing 10 grade points in
KTU Second Semester Examinations May 2020**


Adi Shankara
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 College Code: **ASI**

KEAM 2021 to be held on July 24
 Check Details here
www.cee.kerala.gov.in

SMART ELECTRICAL ENGINEER ?
JOIN EEE @ ADI SHANKARA

DEPARTMENT OF ELECTRICAL & ELECTRONICS
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College Code: **ASI**

ADMISSIONS OPEN 2021

ASIET HIGHLIGHTS

- NBA Accredited Institution** (Accredited Branches-CSE,ECE,EEE & ME)
- MoU with Indian Navy** (Joint Research/ Project with ASIET)
- Vibrant Campus Life** (Co-curricular activities, Sports & recreation, events, outdoor learning and Student clubs)
- State Award Winner for Best Performing IEDC** (Consistently for last 3 Years)
- State of the art FABLAB** (Equipments worth 40Lakhs)
- Industry Powered Labs** (Beacon, ICFOS LoRAWAN, IoT Innovation Lab)
- External Funded Projects** worth 2cr in last 3 years
- 12th Largest Student branch in the world**
 - > Regional Exemplary Student Branch Award
 - > Best Student branch Counselor
- Add on online certification programs in Business analytics & data analytics by Harvard University**
- Drone pilot certified course by DGCA certified trainers**
- 4000+ Students Successfully Graduated**
- 4500+ Placement Offers** (Excellent Job oriented and holistic training)
- MSME Business Incubator** (Support for Entrepreneurial & Management development of MSME's through Incubator)
- Kerala State NSS Award for**
 - > Best NSS Unit
 - > Best Program Officer
 - > Best Student Volunteer
- Inventions & Patents** (20 Patents Published in last 2 years)
- Pioneering Institute for Research**
 - > KTU research center
 - > High Indexed Quality Publications

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 Ms. Nayana J (Assistant Professor)

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