

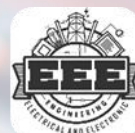


## ENLYTUS –Monthly Newsletter

June '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 department Level I2P Contest was conducted for the B-Tech and M-Tech students on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> of June 2021. The projects presented by the students were evaluated by a Panel including Ms Gomathy S(HOD,EEE) and Senior faculty members Dr Jeno Paul, Dr Tony George, Dr S Subiramoniyan, Mr Sijo George, Mr Alan Mathew George and Mr Sreehari S. Cash prizes were awarded to the first and second prize winners and all the shortlisted students were advised to participate in the tech Fest organized by KTU and KSCSTE.

A webinar on Ecosystem Restoration by Mr Manoj Kumar was conducted on June 5<sup>th</sup> as a part of World environment Day. About 30 students from the department attended this ethical value Inculcation program and was an eyeopener to the nature and the ecosystem. The program was organized by NSS and Bhoomithrasena Club of the college under the leadership of Mr. Sijo George of EEE Department.

A webinar on “Global Career opportunities & Placements” was organized by the department in association with EazyLink Academy on 10<sup>th</sup> June for all B tech final Year, Prefinal Year and Passed out students. It helped the students to prepare for their future education and career plans in India and abroad countries.

Dept. Of Electrical and Electronics Engineering,  
Adi Shankara Institute of Engineering Kalady In association with EazyLink Academy

**Adi Shankara**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY  
Kalady, Kerala PIN 686 001 ISO 9001:2015 Certified Institution

**EazyLink**  
ACADEMY

Free webinar on  
**GLOBAL CAREER OPPORTUNITIES AND PLACEMENTS**

For all Electrical & Electronics Engineering and Electronics & Communication Engineering Students

**HIGHLIGHTS**

- GERMAN scholarships available for students with 60% marks and above
- IRELAND one year master programs with scholarships upto 4 lakhs and exemption of IELTS
- One year master programs from worlds top Universities in English speaking Countries
- IELTS and Foreign language training

Scan to Register

Zoom Platform  
To Know more  
6238672238

Resource person  
Mr. Sony Akkara  
Career Consultant

10th JUNE 2021  
2:00 pm to 3:00 pm



The second Internal Assessment of S8 students was conducted on 14<sup>th</sup> & 15<sup>th</sup> through online platform.

The final class committee meeting of S8 EEE was conducted on 10<sup>th</sup> June.

The External Project presentation for the final year students was conducted on 23<sup>rd</sup> and 24<sup>th</sup> of June as per the instructions from the university.

The first internals of S2 M Tech were conducted on the third week of June through online platform.

First Round of Technical Mock Interview was conducted for the students of S6 EEE by the department to equip themselves for the upcoming placement drives. The panel consisting of HOD, Tutors and Senior Faculty members interacted with the students through online platform.

## **RESEARCH SEMINARS**

Ms Rajalakshmi. S presented a topic on “ PERL-the third-generation solar cells.” in the research seminar series organized by research cell of ASIET on 03.06.2021

Ms. Anna Baby presented topic on ““Cyber Security in Power Systems” in the research seminar series organized by research cell of ASIET on 03.06.2021

Mr Sijo George presented topic on “Power System Harmonics and Active Filters” in the research seminar series organized by research cell of ASIET on 18.06.2021

Ms. Hima T presented topic on "Multi-Robot Path Planning" in the research seminar series organized by research cell of ASIET on 18.06.2021

Mr Alan Mathew George presented a topic on “Hybrid power system with fuel cell integration” in the research seminar series organized by research cell of ASIET on 25.06.2021

Mr Sreehari S presented a topic on “Multilevel Inverters for Motor Drives and Renewable Energy Applications” in the research seminar series organized by research cell of ASIET on 25.06.2021

## **FACULTY ACHIEVEMENTS**

**Dr. P Jeno Paul**

**Patents Filed**

Filed Indian Patent on A Portable Apparatus for Breathing Assistance to Monitor the Patient Suffering from Respiratory Diseases. Patent No: 202141028644

Published Indian Patent on An Artificial Intelligence-Based Voice Commanding Glucose Monitoring and Determining System. Patent No: 202121019989

Published Indian Patent on A Renewable Energy Based Electrical Power Producing Method. Patent No: 202141026297

Published Indian Patent on An Automatic and Efficient Vehicle Wheel Rim Cleaning Machine. Patent No: 202141026266

Published Australian Patent on Vehicle Charging by WIFI Pad Using IOT And System patent app number 2021102648 AUST

Published Australian Patent on A Nutmeg Decorticator with Sorter Graded Based On Machine Learning. Patent No: 2021103691

Published Australian Patent on Machine Learning Based Energy-Efficient Smart City Management. Patent No: 2021103555

Published Australian Patent on IOT BASED Smart Dust Bin. Patent No :2021103608



### Book chapter Published

Book chapter entitled “Authorization In HSV-DWT-DCT - For Depth-Image-Based Rendering 3D Images” published in the book Advanced Aspects of Engineering Research. Authors Dr,Jenopaul et al by Book Publisher International .Vol 16 pp11 ISSN: 978-93-9125-

### Academic Achievements

100% Result produced in the subject “Electric And Hybrid Vehicle (KTU-B Tech)” in the KTU University Examination held on March 2021.

Project titled “Quadra Jet Toilet Disinfectant System for Covid Care Centers” under his guidance Won first Prize (Cash prize of Rs 5000) in the I2P contest 2021 conducted by Adi Shankara Institute of Engineering and Technology, Kerala.

Project titled “Active Ventilator Face Mask with Oral Feedback Limited” under his guidance Won second Prize (Cash prize of Rs 3000) in the I2P contest 2021 conducted by Adi Shankara Institute of Engineering and Technology, Kerala.

**Ms Gomathy S and Mr Sreehari S** attended five days KTU sponsored Online Faculty Development Programme on “Recent Advances in Power Electronics and Power Systems” organized by department of Electrical & Electronics Engineering, Muthoot Institute of Technology & science from 14<sup>th</sup> to 18<sup>th</sup> June.

**Ms Anna Baby** attended three days KTU funded FDP organized by MGM College of Engineering & Technology, Pampakuda from 23<sup>rd</sup> June to 25<sup>th</sup> June, 2021.

**Ms Rajitha A R** attended web workshop on 'Modeling Chemical Reactions and Reacting Flows with COMSOL Multiphysics on 16<sup>th</sup> June 2021 conducted by COMSOL Multiphysics Pvt Limited.

## STUDENT ACHIEVEMENTS


**Adi Shankara**  
 INSTITUTE OF ENGINEERING AND TECHNOLOGY
 
 College Code: **ASI**

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**S7 KTU EXAMINATION TOPPERS**

				
<b>Byshaniya Ghosh</b>	<b>Afeena K A</b>	<b>Fathima Nooriya</b>	<b>Aisha Hassan</b>	<b>Ashly Varghese</b>
<b>9.41</b>	<b>8.23</b>	<b>8.64</b>	<b>8.16</b>	<b>8.66</b>
<b>SGPA</b>	<b>SGPA</b>	<b>SGPA</b>	<b>SGPA</b>	<b>SGPA</b>



**Congratulations!**





**DIPLOMA OF COMPLETION**

**RPA Developer Foundation Training**

					
<b>Aswin Pattiyil</b>	<b>Anu paul</b>	<b>Rithula N Ebrahim</b>	<b>Alan Williams Paul</b>	<b>Abhirami, J</b>	<b>Shubham Gupta</b>
<b>S6 EEE</b>	<b>S6 EEE</b>	<b>S6 EEE</b>	<b>S6 EEE</b>	<b>S6 EEE</b>	<b>S6 EEE</b>

**MENTOR & FACUTY COORDINATOR**  
**Mr. Sreehari .S**  
 Assistant Professor, Dept. of EEE, ASIET


**Adi Shankara**  
 INSTITUTE OF ENGINEERING AND TECHNOLOGY
 



NBA ACCREDITED 20 YEARS OF EXCELLENCE

HIGH INDEXED QUALITY PUBLICATION PATENTS PUBLISHED

INDUSTRY COLLABORATED LAB STRONG ALUMNI NETWORK

GOOD PLACEMENT RECORD 9 MOUs with INDUSTRIES

DEDICATED FACULTY MEMBERS MOOC CERTIFICATION

EXCELLENT INTERSHIP OPPORTUNITIES FUNDED PROJECTS

ELECTRIC VEHICLE CERTIFICATION PROGRAM CONSULTANCY WORKS

RENEWABLE ENERGY CERTIFICATION PROGRAM

**Adi Shankara**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL & ELECTRONICS

**B.Tech**  
in  
Electrical & Electronics Engineering (EEE)

**ADMISSIONS OPEN 2021**

For Admissions Contact  
Mr. Sijo George 9947180761  
Mr. Alan Mathew George 9446136334  
Mr. Sreehari S 8921541654

College Code: ASI

Course Code: EE  
Email: New

B.Tech. | M.Tech. | MBA | MCA\* | Ph.D

Vidya Bharathi Nagar, Kalady, Ernakulam, Kerala  
0484 2463825, 2461933, 9446523599, 9995533744  
www.admissions.adishankara.ac.in

**Adi Shankara**  
INSTITUTE OF ENGINEERING AND TECHNOLOGY

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, ICFSS 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

B.Tech. | M.Tech. | MBA | MCA\* | Ph.D

0484 2463825, 2461933, 9446523599, 9995533744  
www.admissions.adishankara.ac.in

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

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

### STUDENT EDITORS

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Byshania Ghosh (S8)  
Aswathy S Pai (S6 )  
Alan Williams Paul(S6)

S Chandrachoodan (S4)  
Khadeeja Beevi M A (S4)  
Muhammed Fahad P S(S2)  
Sulfath N S (S2)