



ENLYTUS –Monthly Newsletter

August '22 Edition

AT A GLANCE

- Department Activities
- Faculty Achievements
- Student Achievements



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

CHIEF EDITOR: Smt.Gomathy S, HoD EEE

STAFF EDITOR: Ms. Rajitha A R (Asst Professor)

EDITORIAL BOARD MEMBERS

Ms. Anna Baby (Assistant Professor)

Ms. Hima T (Assistant Professor)

Ms.Akhila K (Assistant Professor)

Ms Nayana J (Assistant Professor)

S Chandrachoodan (S6)

Khadeeja Beevi M A (S6)

Muhammed Fahad P S(S4)


Sulfath N S (S4)

DEPARTMENT ACTIVITIES


Department had organized an International conference on “Sustainable Energy Technology Solutions-ICSETS 2022 For Future Demands” on 5th and 6th of August . The conference was conducted Via ASIET zoom platform online mode.Out of 47 papers received 27 papers were selected for presentation.All the four sessions had invited talks by International guest speakers followed by paper presentation.The conference was co ordinated by Dr S.Subiramoniyan and Dr.Jeno Paul.

International conference on
**SUSTAINABLE ENERGY
TECHNOLOGY SOLUTIONS
FOR FUTURE DEMANDS**

SETS
2022



DEPT. OF ELECTRICAL & ELECTRONICS
**ADI SHANKARA INSTITUTE OF ENGINEERING AND
TECHNOLOGY**
VISOYA BHARATHI NAGAR, MATTOOR ROAD, KALADY,
ERNAKULAM(DIST), KERALA 683574



**5 & 6
August
2022**

ABOUT THE INSTITUTION

Adi Shankara Institute of Engineering & Technology (ASIET) was established at Kalady in 2001 and is adeptly run by the Sringeri Mutt with the benign blessings of His Holiness Jagadguru Sri Sri Bharathitheertha Mahaswamikal and His Holiness Jagadguru Sri Sri Vidhusekhara Bharati Mahaswamikal, Dakshinamnaya Sree Sarada Peetam, Sringeri, Ideally located in an idyllic ambience, ASIET kindles vibrant memories of the serene presence of Jagadguru Adi Shankara. ASIET was established at Kalady with the aim of providing value added technical education with a flair for professional excellence and ethical values and is affiliated to APJ Abdul Kalam Technological University (KTU). The Institute aims to be a leading center for research and engineering education through pursuing knowledge in both fundamental and applied sciences, and collaborating closely with business, and industry.

EEE DEPARTMENT

- The department of Electrical and Electronics Engineering started functioning at ASIET since 2001.
- The department offers UG program (NBA accredited) and M.Tech in Power Electronics and Power Systems.
- B.Tech with Honours
- Dedicated Faculty to facilitate research and consultancy.
- Active Entrepreneurship Cell.
- Fab lab facilities for making hardware projects.
- Industry collaborated labs.
- Consultancy projects.
- Short term Skill development programs.
- Funded projects.

VISION

To be an exemplary department in electrical engineering to facilitate value imbibed quality professionals.

MISSION

- Impart state of the art knowledge in Electrical and Electronics Engineering field.
- Inculcate the culture of Research and lifelong learning.
- Facilitate the professionals with commitment towards social & ethical values.

OBJECTIVE

To explore the domain of sustainable energy and technology and identify feasible solutions for the issues and problems related to energy technology, Green energy, Grid Interface, pollution minimizing technology development in electrical engineering, mechanical engineering and civil engineering disciplines. And to provide a platform for researches and student community to interact and attain global networking for better developments.

GRADUATION CEREMONY

2018-22 BATCH





FACULTY ACHIEVEMENTS



Ms Gomathy S, HOD EEE attended 3 day Faculty Development Program on “Relevance of Blockchain ,IoT and Cyber security in Electrical Grids” at ToCH Institute of Science & Technology ,Ernakulam from 27th to 30th of August 2022



Mr Sreehari S attended 3 day Faculty Development Program on “Relevance of Block chain ,IoT and Cyber security in Electrical Grids” at ToCH Institute of Science & Technology ,Ernakulam from 27th to 30th of August 2022.He also completed national Level Faculty Development programme on ‘Emerging Trends in power,Energy and Control’ conducted by the Department of EEE by Muthoot Institute of Technology & Science from 22nd to 26th of August .



Ms Nayana J has successfully completed 4 weeks Live Online instructor-Led Training Faculty development program on Machine Learning & Its Applications Using Python from 6th to 28th August 2022 organized by EduxLabs in Association with Mechanica IIT Madras.



Dr Tony George as Resource person in the 5 Day KTU Sponsored Faculty Development Program On “Advancements In Technology For Interdisciplinary Research “organized by Universal Engineering College.



Mr Sijo George as Resource person in KTU sponsored FDP at Saintgits College of Engineering ,Pathamuttam.



Mr Sijo George as Resource person in KTU sponsored FDP at Mar Baselios College, Trivandrum

PAPER PUBLICATIONS

Gomathy S, Remya K P, Alwin Stephen published a paper on “Review On Non Isolated High Gain Dc_Dc Converter” in Third International Conference on Intelligent Computing, Instrumentation and Control Technologies ICICICT-2022 at Vimal Jyothi Engineering College, Chemperi, Kannur.

Gomathy S, Remya K P, Alwin Stephen published a paper on “High Gain Dc-Dc Converter Using Switched Inductor And Capacitor Technique For Micro Grid Application” ICSETS, 2022 – International Conference on ‘Sustainable Energy Technology Solutions, 2022 at Adi Shankara Institute of Engineering and Technology, Kalady.

Megha Thomas, Anna Baby published a paper on “Series Resonants Converter Using Reduced Switch Count For Universal Electric Vehicle Charger” in Third International Conference on Intelligent Computing, Instrumentation and Control Technologies ICICICT-2022 at Vimal Jyothi Engineering College, Chemperi, Kannur.

Anns Alias, Nayana J, Dr Tony George Published a paper on the topic "A Modified Electric Vehicle Charger Topology With Bi-Directional Capability For EV Application" in the third International Conference on Intelligent Computing, Instrumentation and Control Technologies ICICICT-2022 at Vimal Jyothi Engineering College, Chemperi, Kannur.

Govind A, Rajitha A R, Rajalakshmy S published a paper on “Design and Development of a High-Gain Bidirectional DC-DC Converter With Reduced Ripple For UPS Application” in ICSETS, 2022 – International Conference on Sustainable Energy Technology Solutions at Adi Shankara Institute of Engineering and Technology, Kalady.

Govind A, Rajitha A R and Rajalakshmy S published a paper on “A Review of High-Gain Bidirectional DC-DC converter with reduced ripple current” in ICICICT 2022 at Vimal Jyothi Engineering College, Chemperi, Kannur

Dr P Jeno Paul presented a paper on “Comprehensive Study On Traditional And Derived Sepic Converter” in IEEE International Conference ICICICT 2022 at Vimal Jyothi Engineering College, Chemperi, Kannur

STUDENT ACHIEVEMENTS


Adi Shankara
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OF ACCREDITATION

Department of Electrical & Electronics Engineering

M. Tech PEPS 2020-2022 Batch

Congratulations!



BHAGYALAKSHMI R

APPOINTED AS LECTURER
DEPARTMENT OF EEE

KUTTUKARAN
POLYTECHNIC COLLEGE

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Congratulations!

CAMPUS Placements





Megha Thomas V. Ans Alias Unnimaya V.V.

TATA ELXSI

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Congratulations!

CAMPUS Placements



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B. Tech EEE 2018-2022 Batch

Congratulations!

CAMPUS Placements






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Nila Tech Private Limited





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OF ACCREDITATION
ACCREDITED PROGRAMMES
CSE, ECE, EEE, ME

LATERAL ENTRY ADMISSIONS ARE OPEN



B.Tech in

- CIVIL ENGINEERING
- COMPUTER SCIENCE & ENGINEERING
- COMPUTER SCIENCE & ENGINEERING (ARTIFICIAL INTELLIGENCE)
- ELECTRONICS & BIOMEDICAL ENGINEERING
- ELECTRONICS & COMMUNICATION ENGINEERING
- ELECTRICAL & ELECTRONICS ENGINEERING
- MECHANICAL ENGINEERING
- ROBOTICS & AUTOMATION

SECURE PREMIUM PLACEMENTS

9446523599, 9995533744 | www.admissions.adishankara.ac.in

APPLY NOW



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CAMPUS PLACEMENTS

B.Tech. EEE 2018-2022 Batch



Department of Electrical & Electronics Engineering B. Tech EEE 2018-2022 Batch

S8 KTU Results SGPA Above 8.0



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY

ATTRACTIVE
SCHOLARSHIPS FOR
MERITORIOUS STUDENTS



Join B.Tech in

- CIVIL ENGINEERING
- COMPUTER SCIENCE & ENGINEERING
- COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE)
- ELECTRONICS & BIOMEDICAL ENGINEERING
- ELECTRONICS & COMMUNICATION ENGINEERING
- ELECTRICAL & ELECTRONICS ENGINEERING
- MECHANICAL ENGINEERING
- ROBOTICS & AUTOMATION

FOR GOVERNMENT QUOTA

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PLACEMENTS



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