Department of Electrical and Electronics Engineering

ENLYTUS

September - October Edition 2018

Adi Shankara INSTITUTE OF ENGINEERING AND TECHNOLOGY
Kalady, Kerala. - An ISO 9001:2008 Certified Institution

AT A GLANCE

- **YUVA MASTER MIND Project Presentation:**

  Zero Discharge Sea Water to Drinking Water conversion system.

- **FISAT Tech Planet Innovation challenge competition. Winning Projects:**

  Nano Technology based house toilet safety exhaust system.

  Anti - Mosquito Capsule for Travelers.

- **Dr. Pradeep P Thevannoor Innovation Awards 2018**
- **Mr. Sijo George - Regional Coordinator of NSS Technical cell, Kerala and other NSS Achievements**
- **KSEB Flood Relief Works**
- **KTU University April 2018 Results**
- **Placements**

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 concern towards social commitment & 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.

YUVA MASTER MIND Project Presentation

Zero Discharge Sea Water – Drinking Water Conversion System

Ben Rose P. J, Justin Colin Correya, Amal Razik K. A and Bhagath Sivadasan students of 7th and 5th semester Electrical and Electronics Engineering Department got selection to YUVA Master Mind to present the project "Zero Discharge Sea Water – Drinking Water Conversion System" under the guidance of Dr. P Jeno Paul and received (₹14000/- Cash Award).

FISAT TECH PLANET (Innovation Challenge Competition)

Nano Technology based House Toilet Safety Exhaust System & Anti Mosquito Capsule for Travelers

Ben Rose P. J, Justin Colin Correya, Krishna Prasad and Jixon Jacob students of 7th semester Electrical and Electronics Engineering Department bagged First Prize (Received ₹10000/- Cash Award) for Project exhibition competition of FISAT Tech Planet entitled "Nano Technology based House Toilet Safety Exhaust System" under the guidance of Dr. P Jeno Paul.

Amal Razik K.A and Bhagath Sivadasan, students of 5th semester Electrical and Electronics Engineering Department also received Consolation Prize for the same for their project "Anti Mosquito Capsule for Travelers" under the guidance of Dr. P Jeno Paul.

Dr. Pradeep P Thevannoor Innovation Awards 2018

Zero Discharge Sea Water – Drinking Water Conversion System

Proposal (PPTIA-C-4113) is ranked within the best 15 submissions received for Dr. Pradeep P Thevannoor Innovation Awards 2018. This qualifies your proposal to the Semi-Final and Exhibition round scheduled on 16th and 17th November 2018 at the Main Auditorium of SCMS School of Engineering and Technology, Karukutty, Kerala.

MR. SIJO GEORGE

Promotion of Mr. Sijo George as Regional Coordinator – NSS Technical Cell, Kerala.

Mr. Sijo George, Assistant Professor of Electrical and Electronics Engineering Department appointed as Regional Coordinator of NSS Technical Cell, Kerala.

Attended and organised National Integration Camp held at BVRIT, Narsapur, Telangana.

Received appreciation from Indian Post Ltd. for the initiative in opening the Post Office Savings Bank accounts for a wide number of students of Adi Shankara Institute of Engineering and Technology under 'Financial Inclusion' Scheme of Govt of India.

KSEB Flood Relief Works

S1 EEE, S5 EEE and S7 EEE students engaged in Flood Relief Works with KSEB

Kerala faced heavy showers from the second week of August, which was 256% more than the usual amount. This surge of water caused dams to fill to capacity. This forced an opening of dams due to water reaching overflow capacity. For the first time in history, 34 of Kerala's 54 dams were opened, rivers overflowed and severe floods hit many parts of Kerala. At least a million people were evacuated, mainly from Chengannur, Pandanad, Edanad, Aranmula, Kozhencherry, Ayiroor, Ranni, Pandalam, Kuttanad, Aluva, and Chalakudy, N.Paravur, Chendamangalam, Eloor and few places in Vypin Island. The flood has caused heavy damage to life and property, claiming almost 483 lives,

destroying, and damaging thousands of homes.

As a part of flood relief works, KSEB called for volunteers to visit flood hit houses and buildings to check and make able repairs to the internal wiring of house or providing a temporary alternative. Students from Electrical and Electronics engineering department of ASIET, Kalady went as volunteers for the flood relief work headed by KSEB. They visited various flood-hit places including Paravoor, Thottakkattukara, Mala, parts of the Vypin island and many others. They checked each homes for the damage done to the internal wiring. If it was able, they repaired and in others, provided temporary alternatives to give an immediate source of electricity to the flood hit homes. They worked for a total of eight days, making sure that they did their best to bring light back to those affected. Humanity prevails in harmony.

Student List engaged in Flood Relief Activities

S7 EEE	S5 EEE	S1 EEE	
Abhiraj K.R	Aadithya V S	Abhirami J	Basil C Eldhose
Alan Maria Raj	Amal Razick K	Abin K Davis	Bristo Antony
Annmary	Amruth Premjith	Adersh P	Delvin Davis
Arun Chandran	Anadhakrishnan	Adon Saju Thomas	Divin Poulose
Dilshamol Abbas	Anand K A	Akhil Babu	Evin Poulose
Jixon Jacob	Aravind S	Alan Justin	Jusail M Faisal
Justin Collin	Asif Ali	Alba Fobin	Liju M S
Niya Tojo	Harisree	Allen Paul Antony	Linerson Davis
P Aswathy Bhatt	Nidhin Raj P N	Ansila Musthafa	Reshma K Vijayan
Sangeeth T Sivan	Rejoy Antony	Antony Sebastian K	Rithwik Sankar
Vinayak K S	Sreejith Suresh	Any Paul	Vignesh Haridas
	Srividya Sankar	Aswin Pattiyeil	
	Suresh R S		
	Vidhu Narayanan		

KTU University Examination Toppers – May 2018

S2 EEE (2017 – 2021)	S4 EEE (2016 – 2020)	S6 EEE (2015 – 2019)	S8 EEE (2014 – 2018)
FATHIMA NOORIYA SGPA – 9.41	ADHWAITH S SGPA – 8.652	DILSHAMOL ABBAS SGPA – 8.85	ATHIRA BABU N CGPA - 8.96
BYSHANIA GHOSH SGPA – 9.15	THANZIA K J SGPA – 8.413	NIYA TOJO SGPA – 7.7	ROHITH K KURUP CGPA - 8.59
AISHA HASSAN SGPA – 8.61	SRUTHY SIBI SGPA – 8.39	SHIFANA O K SGPA – 7.61	SNEHA GEORGE CGPA - 8.49

PLACEMENTS

PRAYAGA PRATHAP (S7 EEE)

Company: TCS

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Prayaga P Pratap, Arun Chandran (S7 EEE)

Amal J Nellickan, Sreevidya Shankar (S5 EEE)

Sandeep S Mallya, K Yadhu Krishnan (S3 EEE)

Rithula E Ebrahim, Vignesh Haridas (S1 EEE)