

Inauguration of the ‘SB Chapter at UKFCET’

Venue : Seminar Hall,

UKFCET Attendees : 78

Date : 28th September 2018



The inaugural ceremony started at 9.30am in college seminal hall with an energetic crowd of UG & PG students and faculties and Head of Departments from various departments. Chief Guest of the function was Prof. Muhammed Kasim, Professor and Head of Department for Electrical and Electronics Engineering at Musaliar College of Engineering Chirayinkeezhu, Trivandrum. He is the Chair of IAS/IES/PELS Jt. Kerala Chapter. Other dignitaries present on the dais were Ms. Amritha Prasobh, Director of UKF College of Engineering and Technology, Dr. R Sujatha, Deputy Director of UKFCET, Dr. E Gopalakrishna Sarma, Principal of UKFCET, Mr. Sumod Sundar, IEEE SB Counselor UKFCET & the Academic Coordinator of IEEE Kerala Young Professionals, Mr. Shankar Jayaraj, Secretary of IEEE Kerala Comsoc and Mr. Athul M V, Advisor of IAS Student Branch Chapter UKFCET



The event commenced with the official inauguration of the Industry Applications Society SB Chapter with lighting the lamp by the Chief Guest, Mr. Muhammad Kasim and jointly by other dignitaries. Mr. Athul M V, Advisor of IAS Student Branch Chapter UKFCET did welcome of to all the dignitaries on the dais, guests & participants of the function. He stated the vision and mission

which one should have for the growth of all activities in the chapter. He briefed about the activities conducted by the branch during the month of August. He enlightened the audience about IEEE and IEEE IAS Chapter, its functions and services it renders to the society. The inaugural address was delivered by Professor Muhammad Kasim, Chair of IAS/PES/PELS jt. Chapter Kerala. He talked about the history of IEEE, and IEEE Kerala section. He explained the benefits of being an IEEE IAS member. He commented that IAS provides the world's largest forum for sharing the latest in technological developments, and it helps us to connect the Industry Professionals in all streams of Engineering. Some specific benefits of Membership in the IEEE Industry Application Society such as; free subscription to Valuable Professional Publications, Discounts at dozens of IAS sponsored or co- sponsored conferences and meetings in the world, a chance to advance our Industry. He wished Industry Applications Society Student Branch Chapter of UKFCET the very best in all its endeavors. Ms. Amritha Prasobh, Director of UKFCET delivered the keynote address and motivated students on the personality development requirements expected from the new engineers. She inspired the students and the faculty to become IEEE & IAS member, and wished them the best for the further events. Following her, Dr. R Sujatha, Deputy Director of UKFCET, Dr. E Gopalakrishna Sarma, Principal of UKFCET, Mr. Sumod Sundar, IEEE SB Counselor UKFCET & the Academic Coordinator of IEEE Kerala Young Professionals and Mr. Shankar Jayaraj, Secretary of IEEE Kerala Comsoc also wished the chapter all success and greeted the students for their team work



The session truly inspired the gathering. Ms. Laya Raj, Chairperson of IAS SB Chapter offered vote of thanks to Chief Guest, dignitaries and attendees of the inaugural session for their valuable time and effort in motivating the participants.

Mr. Godwin, Asst. Professor, Dept. of ECE, Amal Jyothi College of Engineering, Kottayam graced the occasion with his valuable presence and handled a one hour technical session on ‘Industry Applications of Engineering’. The technical session covered an overview of nanotechnology, nomenclature of devices, evolution of nanomaterials, carbon nanotubes and the technological advances for the future, working of nanomaterials, etc. He enlightened the students regarding the ‘Application and Advantages of Nanotechnology’. The inaugural session was proven successful when students came forward and enquired about membership and upcoming activities and their interest on joining the society. The feedbacks were so helpful that we could rectify the missing dots.

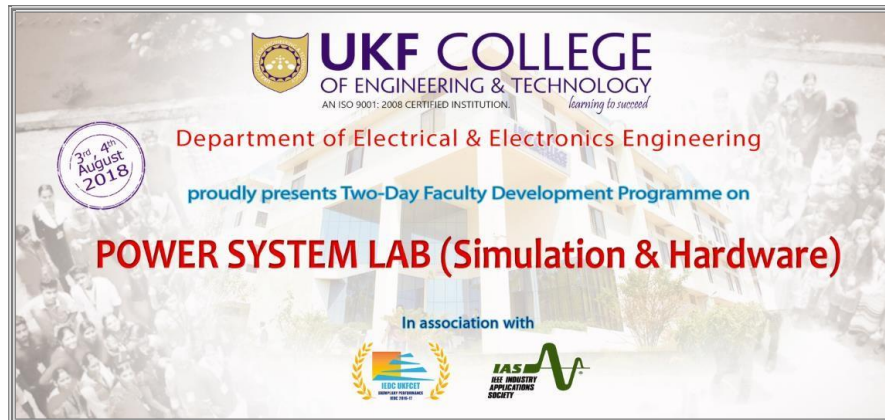


Two-Day Faculty Development Programme on “Power System Lab (Simulation & Hardware)”

Venue : High Voltage Engineering Lab,

UKFCET Attendees : 32

Date : 3rd and 4th August 2018



Two-day Faculty Development Programme on “Power System Lab (Simulation &

Hardware)” was organized by IEEE IAS Student Branch Chapter and Department of Electrical and Electronics Engineering, UKFCET at Campus on 3rd and 4th August 2018. This programme was a combination of theoretical exercise & laboratory experiments at High Voltage Engineering Lab. This FDP aims to

provide opportunities to faculty members to enrich their technical knowledge in Power System Lab. The programme also intends to develop the knowledge of participants to familiarize the recent update in KTU syllabus of Power System Lab. The FDP was attended by faculty members of Electrical & Electronics Engineering Department of various colleges viz. Sarabhai Institute, IHRD Attingal, IHRD Karunagappally, IHRD Cherthala, SNGIST Ernakulam, MES Kuttippuram, MDIT Calicut etc. A total of 32 Participants attended the FDP including 11 external participants. The session scheduled for two days include 9 Hardware Experiments at High Voltage Engineering Lab and Software Simulation Experiments using Matlab and MiPower.

The session was inaugurated on 3rd August in the esteemed presence of dignitaries including Dr. R Sujatha (Deputy Director and Dean, UKFCET) , Dr. E Gopalakrishna Sarma (Principal, UKFCET), Mrs. Praveena Krishna L (Head of Department, EEE), Dr. K N Pavithran (Former Professor of CET & Resource person) and Dr. S Ben John Stephen (Former Professor of Noorul Islam University & Resource Person). Mrs. Rakhi Das, FDP Co-ordinator welcomed all the cherished dignitaries and participants to the two-day programme.



Deputy Director Dr. R Sujatha addressing the audience during inaugural session

The programme intended to impart deep knowledge and hands-on training in simulation & high voltage hardware experiments in Power System lab. The course is planned in accordance with KTU syllabus of EE431-Power System lab which includes high voltage experiments and simulation using Matlab and MiPower. The sessions are handled by academic experts in our institution and practical sessions are conducted in our well-equipped lab.

Experiments Conducted

Valedictory Session & Outcome

Receiving an overwhelming response from participants, the Two-Day FDP on “Power System Lab (Simulation & Hardware)” came to an end with valedictory session, graced by Dr. K N Pavithran, Former Professor, College of Engineering, Trivandrum. All participants received certificate and softcopy of lab manual. The program was ended with vote of thanks by Mr. Athul M V on behalf of the organizing committee.

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the academic curriculum. Participants were enlightened with the most advanced equipment in our High Voltage Engineering Lab. This programme in turn will help in motivating participants from the campus as well as external faculties for smooth handling of Power System Lab.



Smile please - A glimpse after the valedictory function

38.Two-Day Workshop on “Making LED Bulb”

Venue : Incubation & Maintenance Center, IEDC Unit,

UKFCET Attendees : 20

Date : 24th and 25th July 2018

Two-day workshop on making of 9W LED blub was conducted by IEEE IAS Student Branch Chapter, IEDC UKFCET and Department of Electrical and Electronics Engineering, UKFCET as part of inauguration ceremony of IMC(Incubation & Maintenance Center) at College Campus on 24th and 25th July 2018. IMC is meant for students as a platform to experiment their ideas to a useful product. It

serves as a unit of IEDC at UKFCET and hence qualified projects will be financially supported by Kerala start-up mission.

Making LED Bulb was a hands-on workshop which aims to enhance the technical knowledge of students, as well as enable them to assemble and repair the LED bulbs. This workshop was attended mostly by students of Electrical and Electronics Engineering Department, UKFCET. It was scheduled for two days, the first day meant for the familiarization

and the working of the components of LED bulb and the second day for assembly and testing of its components from scratch. Students successfully made 58 LED bulbs and tested ok from the two-day workshop.

The objective of two day workshop was to impart deep practical knowledge to the students and hence practical sessions are conducted in our well-equipped lab under expert guidance. Receiving a good response from participants, the Two-Day workshop came to an end with valedictory session, wished by Mr Akhil A G in-charge of IMC, UKFCET. All participants received certificates and the programme was concluded with vote of thanks by Mr. Athul M V, asst. professor, Electrical & Electronics Engineering department on behalf of the organizing committee. The LED Bulbs Produced were marketed and sold out on fresher's day on August 1st conducted in the college campus. Thus the first workshop conducted by the IAS SBC UKFCET was a grand success.



Mr.Akhil A G with IAS SB members during the workshop