

DEPARTMENT OF ELECTRICAL ENGINEERING

ACTIVITY REPORT

(2017-18)



GOVERNMENT ENGINEERING COLLEGE PALAKKAD

VISION OF THE INSTITUTE

Excellence through the wings of science and technology

MISSION OF THE INSTITUTE

To transform youth to talented engineers with creativity and integrity who can meet the technological challenges for the service of society.

VISION OF THE DEPARTMENT

To become a Centre of Excellence in Electrical Engineering and allied disciplines for the service of the society.

MISSION OF THE DEPARTMENT

- To impart high quality education to meet the challenges in the field of Electrical and Electronics Engineering.
- To nurture creativity and transform the young minds to become competent electrical engineers.
- To inculcate a sense of commitment to ethical values and a passion to serve the society.
- To foster research, innovation and entrepreneurship skills.

Academic Programmes conducted under Visiting Faculty Scheme

1. A **Workshop titled “Unlock Your Potential”** was conducted for S3 B.Tech students on 20th February, 2018. The session was led by Mr. Mohzin Mohammed from “Think and Learn Pvt. Ltd., Byju’s App. It was conducted as part of the Life Skills course and was very beneficial for their overall development.

Mr. Mohzin Mohammed started the session speaking about his experiences as an Engineering student. He asked the students to come forward and express what they thought about themselves. In a short session, he discussed on - how to face an interview. He divided the students into groups and conducted group discussions giving valuable suggestions and comments. The students interacted with the faculty and also actively participated in the events.



Mr. Mohzin Mohammed addressing the students



Group discussion in progress

2. **Workshop on “Python Programming”** was organized for S3 Electrical students on 6th November, 2017. Prof. Manu Madhavan was the trainer for this hands-on session, which dealt with the basics of Python programming. All the basic functions of Python including file operations were covered during the session. The students gave the feedback that the programme was very effective.



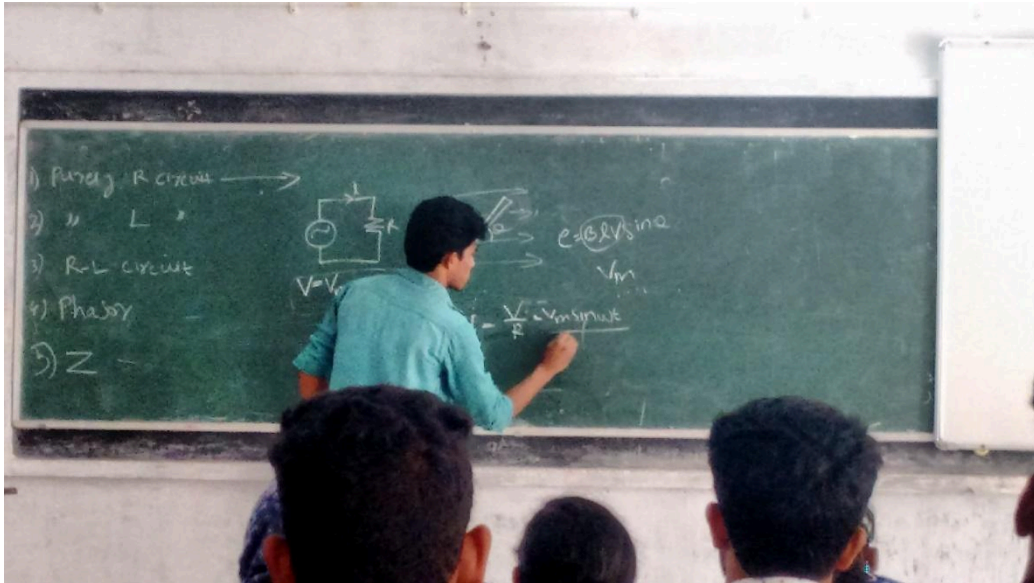
Python programming session in progress

3. **Initiation SELFEE – Self Empowerment Learning Forum for Electrical Engineers**

With a view to enlarge students’ spheres of knowledge and develop multifaceted engineers, a SELFEE forum (Self Empowerment and Learning for Electrical Engineers forum) was formed by the Department in October 2017. The forum was inaugurated by Dr. Reghu Raj, Principal, GEC Palakkad



Inauguration of SELFEE by Dr. Reghu Raj P. C., Principal, GEC Palakkad



Self learning Initiatives by the Department

4. Workshop on 'Maintenance and Repair of Electric Equipment'

The workshop on maintenance and repair of electric equipment (mainly home appliances) was organised by the students under the SELFEE forum. It is expected that the knowledge gained during the workshop through the practical and hands on sessions will help them in their course work and gain experience in management and team work.



The home appliances selected for the study were mixer grinder, iron box, table top grinder, ceiling fan, domestic wiring installation water pump. Construction, working, possible faults, repair and maintenance were thoroughly studied and explained by the students.

Talks Delivered:

1. Dr. Vincent G. delivered a talk titled 'Power quality and custom power devices ' as a part of the FSD organized by the Electrical Engineering Department of Government College of Engineering, Kannur on 07 Feb. 2018.
2. Dr. Vinita Chellappan delivered a talk titled 'Spectral methods for solution of partial differential equations' at Aerospace Symposium conducted by the Department of Aerospace Engineering at Indian Institute of Science Bangalore on 23 July 2017.

Higher Studies:

Madhu V., Asst. Prof. has attended the Ph.D. contact programme at National Institute of Technology, Trichy.