

KL UNIVERSITY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
REPORT ON STAFF COLLOQUIUM

Resource Person : **Mr. K. P. Prasad Rao**
DATE : 15-10-2016
EVENT : Staff Colloquium
TOPIC : “Fault Analysis of Five Phase Transmission System”.
TIME : 02.00 P.M
VENUE : E105,EEE Dept., K L University
ORGANIZED BY : EEE Dept.
FACULTY INCHARGE : G.Mamatha

EVENT DESCRIPTION:

‘Staff Colloquium’ is an activity organized by Dept. of E.E.E of K L University on 25-08-2016 from 02.00 P.M to 03:30 P.M. The Staff Colloquium is given Mr. K. P. Prasad Rao Ass. Prof. in EEE Dept., KL University. The topic of the Staff Colloquium is “**Fault Analysis of Five Phase Transmission System**”.In order to contribute to the Department mission, the Staff Colloquium is organized in our campus premises to bring awareness among the faculty and M. Tech. students on Fault Analysis of Five Phase Transmission System.

SESSION ACTIVITIES:

The Department has made the necessary arrangements for the Staff Colloquium activity in the lecture room (E105) for commencement of the event in scheduled time. All the faculty members are asked to move to lecture room before 02:00 PM and the attendance of the faculty is collected in the lecture room.

DESCRIPTION: Transmission infrastructure is congested due to a combination of increasing load demands, declining investment, and aging facilities. It is anticipated that significant investments will be required for new construction and upgrades in order to serve load demands. High Phase order transmission system is being well thought-out a possible alternative for increasing the power transmission capacity of overhead electric power transmission. High phase order system will experienced quickly with external or internal faults. When fault current magnitudes are important, it can cause smash up to equipment. It is important to design the power system such as the fault is out-of-the-way quickly to minimize the equipment damage and improve own safety. Fault analysis is the stage to determine the magnitude of the current flowing throughout the power system at assorted time intervals after a fault. In the presentation, the different types of fault analysis techniques used to analyze the level of fault in Five Phase Transmission System. This Analysis is used to identify the Level of Protection.

PHOTOS:



Asst.Prof. Mr. K. P. Prasad Rao delivered a Seminar on “Fault Analysis of Five Phase Transmission System”



Faculty listening the lecture along with the students

Faculty Incharge

HOD, E.E.E