K LUniversity

Department of Electrical& Electronics Engineering

Report

Resource person	:	Mr. N VenkataRamana
Date	:	15-03-2016
Event	:	Guest Lecture
Topic	:	Challenges in Power System Protection
Time	:	12.00PM -01.40PM
Venue	:	Jasmine Hall, K L University
Organized by	:	Dept. of EEE
Faculty In charge	:	Ms. K SARADA

Introduction to resource person:

Dr. N VenkataRamanahas industrial experience of 20years in Dr. NTTPS, Vijayawada..During his career he is expertise in Switch Yard Protection. He worked in various power stations.

Event Description:

Guest Lecture is a activity organized by Dept. of EEE of K L University on 15-03-2016 from 12.00PM – 01.40PM. The resource person is **Dr. N VenkataRamana, ADE, Switch Yard Protection.**He delivered a lecture on **"Challenges in Power System Protection "**for theIV B-Tech (EEE) Students.

Session Activities:

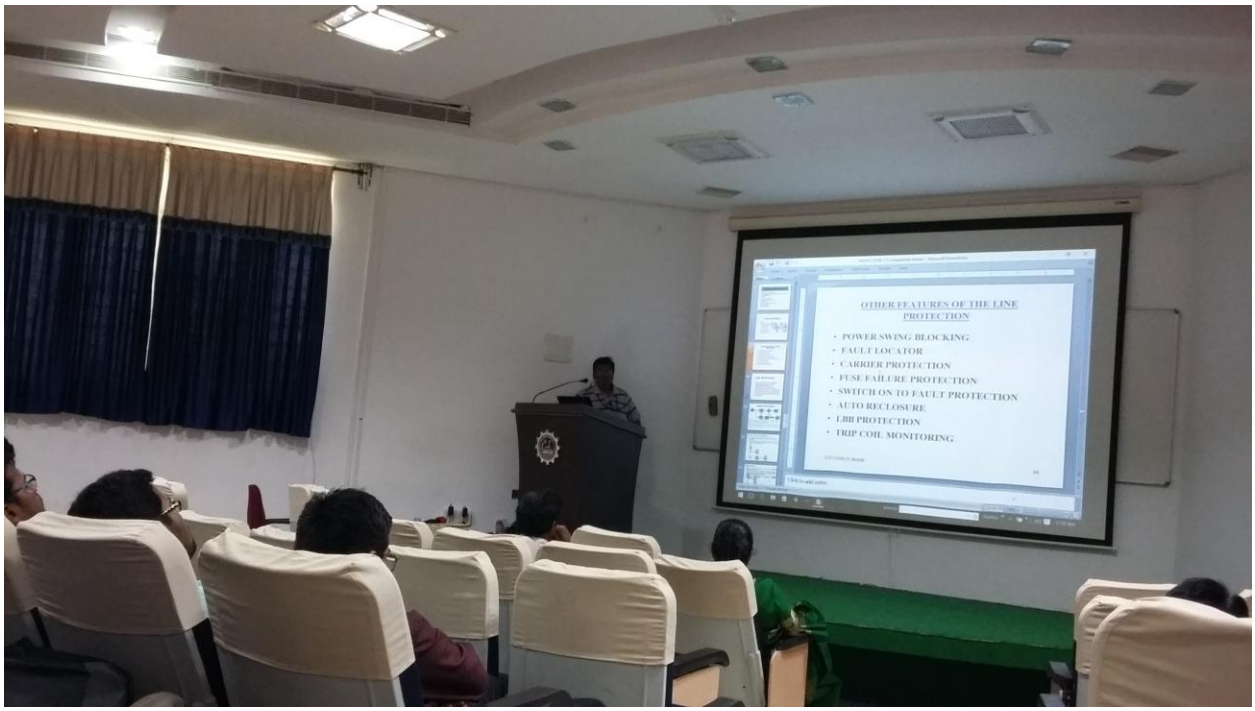
The Lecture is scheduled in Jasmine Hall, Department of Electrical & Electronics Engineering,K L University. Attendance of all the faculty and the students is collected during the lecture .

The event was startedby Ms.Madhuri& Ms. Srivaniby inviting the Guest of Honor**Dr. N VenkataRamana**on to the dais to start the lecture. He explained the basic necessityof Protection in Power Systems. How we can eliminate the blackouts by proper operation and functioning of protective devices during the occurrence of fault

He started his lecture by explaining thevarious types of relays and discussedvarious issues while operating the Protected devices like relays at various instants.

He explained the operation of Static and Numerical relays which decreases the burden on the device and increase the accuracy of operation for sensitive faults.

Dr. M Ramamoorty, Chancellor, K L University, Faculty and IVB-Tech Students of EEE have actively participated in this session. Dr.SVNL Lalitha thanked the Guest of Honour. After the end of the lecture students have thanked the guest for sharing such valuable information and have expressed their quires and got clarified from him .


OTHER FEATURES OF THE LINE PROTECTION
• POWER SWING BLOCKING
• FAULT LOCATOR
• CARRIER PROTECTION
• FUSE FAILURE PROTECTION
• SWITCH ON TO FAULT PROTECTION
• AUTO RECLOSURE
• LBB PROTECTION
• TRIP COIL MONITORING