

KL UNIVERSITY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
REPORT ON GUEST LECTURE

Resource Person : **Mr. Dipayan Mazumdar**
DATE : 08-08-2015
EVENT : Guest Lecture
TOPIC : **Importance of Phase Measurement Units (PMUs)**
TIME : 10.00 A.M
VENUE : EEE Dept., K L University
ORGANIZED BY : E.E.E Dept.
FACULTY INCHARGE : P. Srinivasa Varma

INTRODUCTION TO RESOURCE PERSON:

Dipayan Mazumdar has around 22 years of industry experience after his MSEE from University of Alabama in 1991. He has worked for 17 years as a VLSI designer for Siemens, Chartered Semiconductor, Synopsys, Cadence and Intrinsix Canada limited. He has submitted his Ph.D. thesis on "Direct Digital Synthesis for Cognitive Radio" under the guidance of Prof. Govind R. Kadambi, Pro-VC, M. S. Ramaiah University of Advanced Studies at Coventry University, UK. He has a total of 3 US issued patents, 1 US granted patent, 2 Korean Issued patents, 1 Japanese Issued Patent, 2 Patents pending in China and Germany. His undergraduate degree was in Electrical Engineering from Jadavpur University.

EVENT DESCRIPTION:

‘Guest Lecture’ is an activity organized by Dept. of E.E.E of K L University on 08-08-2015 from 10.00 A.M to 11:00 A.M. The Guest Lecture is given Mr. Dipayan Mazumdar, ECE Dept., KL University. The topic of the Guest Lecture is “**Importance of Phase Measurement Units**”. In order to contribute to the Department mission, Guest Lecture is organized in our campus premises to bring awareness among the faculty and M. Tech. students on PMUs.

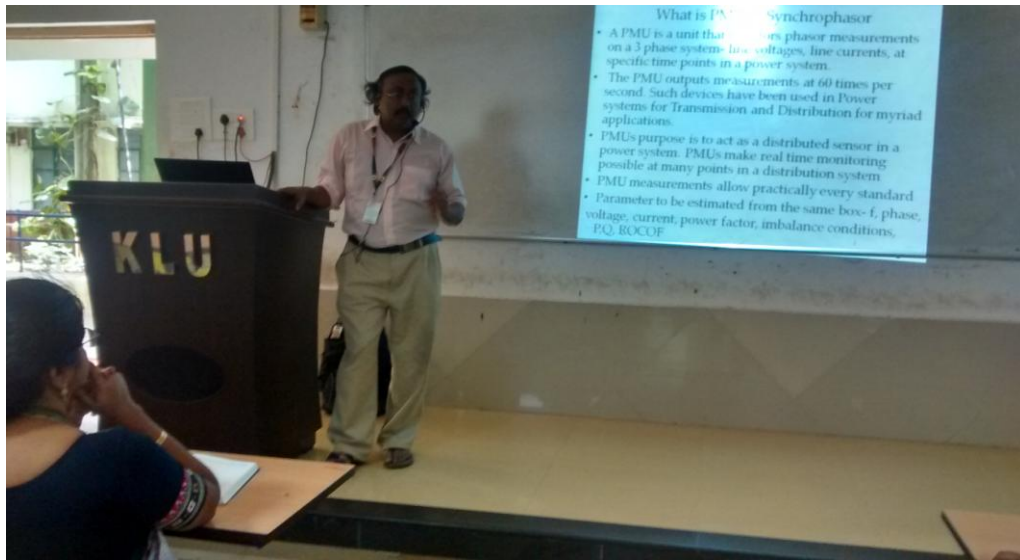
SESSION ACTIVITIES:

The Department has made the necessary arrangements for the Guest Lecture activity in the lecture room (E005) for commencement of the event in scheduled time. All the faculty and M. Tech. students are asked to move to lecture room before 10:00 AM and the attendance of the students is collected in the lecture room.

The event was started by Dr. O. Chandra Sekhar, Professor and Head of the Department by inviting the guest of honor Mr. Dipayan Mazumdar on to the dais to start the lecture. Mr. Dipayan Mazumdar has started the lecture with the introduction to Phase Measurement Units (PMUs) and then, he discussed in detail about real time collection of line voltage and line current measurements in AC Power Systems using PMUs. He also explained about the procedure for synchronizing those measurements to the GPS reference signal which has a 100ns period jitter.

The Faculty of EEE and M. Tech. students have actively participated in this session. The HoD of the EEE department has delivered his valuable message on importance of attending the lectures by such valuable persons and expressed his thankfulness to Mr. Dipayan Mazumdar for delivering his valuable lecture to the students of EEE department, KLU. After the end of the lecture students have thanked the guest for sharing such valuable information and have expressed their doubts and got clarification from him and collected material regarding the lecture delivered.

PHOTOS:



**Mr. D Dipayan Mazumdar delivering a Lecture on
“Importance of Phase Measurement Units (PMUs)”.**



Honourable Chancellor of the K L University Prof. M. Rama Murthy and Head of the Department Prof. O. Chandra Sekhar listening the lecture along with the faculty and students.

Faculty Incharge

HoD, E.E.E