

K L University

Department of Electrical & Electronics Engineering

Report

Resource person : Dr. N Viswanathan
Date : 09-03-2016
Event : Guest Lecture
Topic : Resonant Converters
Time : 11.15AM -12.40PM
Venue : Jasmine Hall, K L University
Organized by : Dept. of EEE
Faculty In charge : Ms. K SARADA

Introduction to resource person:

Dr. N Viswanathan has Teaching, Research experience of 23years in NIT, Warangal. He submitted his Ph.D. Thesis on Switched Mode Power Converters from IISC, Bangalore. M-Tech thesis in REC Warangal, and obtained his B.Tech degree from Dindayal university. During his career he published many papers in reputed journals like IET Power Electronics & Drives, etc.,

Event Description:

Guest Lecture is a activity organized by Dept. of EEE of K L University on 09-03-2016 from 11.15AM -12.40PM. The resource person is **Dr. N Viswanathan, Professor & Head, EEE from NITW.** , He delivered a lecture on **“Resonant Converters”** for the III 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 started by Dr. SVN Lalitha, Professor, EEE by inviting the Guest of Honor **Dr. N Viswanathan** on to the dais to start the lecture. He explained the basic principle of resonant converter

He described the various types of resonant converters and the significance of load resonant converters. He discussed various issues while operating the Resonant techniques of switching the



Power Converters like selecting the voltage levels of switching conditions. The losses that occur during switching time.



Dr. M Ramamoorthy, Chancellor, K L University, Faculty and III B-Tech Students of EEE have actively participated in this session. Dr. O Chandra Sekhar 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 .

