

A.V.C. College of Engineering

Mannampandal, Mayiladuthurai,

Department of Electrical and Electronics Engineering

Title of the Program: Grid connected electrical vehicle charging station with renewable energy system

Chief Guest details: Dr. Dheepanchakkravarthy A, Assistant professor (SG), Department of Electrical and Electronics Engineering, Bannari Amman Institute of Technology, Sathyamangala

Co-ordinator: Mr.M.Alex, Asst. Professor-EEE, AVCCE.



**A.V.C. COLLEGE OF
ENGINEERING**

(Re-Accredited by NAAC with "B++" Grade (2nd Cycle), An ISO 9001:2015 Certified Institution)
MANNAMPANDAL, MAYILADUTHURAI-609 305.



DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING

Online Guest Lecture On

***"IMPACT OF NON-LINEAR LOADS IN
DISTRIBUTION SYSTEMS AND THEIR
SOLUTIONS"***

-Measurement Of Harmonics In A Practical Approach



07-05-2022



11.30 Am to 12. 30 Pm

Resource Person



Dr. Dheepanchakkravarthy A,
Assistant professor (SG),
Department of Electrical and Electronics
Engineering,
Bannari Amman Institute of Technology,
Sathyamangalam.

Convener:
Dr.A.RAVI , HOD/EEE

Co-ordinator:
Mr.M.ALEX, AP/EEE

Meeting link:



<https://meet.google.com/fim-fcrh-zhm>

All are welcome

*IMPACT OF NON-LINEAR LOADS IN DISTRIBUTION SYSTEMS
AND THEIR SOLUTIONS*

AGENDA

Date:07.05.2022

Time:11.30 AM – 12.30PM

Venue: EEE department Computer Lab

<i>Welcome Address</i>	<i>Mr. M. Alex</i> <i>Program Co-ordinator,</i> <i>Assistant Professor, Dept of EEE, AVCCE</i>
<i>Inaugural Address</i>	<i>Dr. A. Ravi</i> <i>Prof & Head, Dept of EEE, AVCCE</i>
<i>Introduction of Chief Guest</i>	<i>Dr.R.Selvaganapathy</i> <i>Assistant Professor</i> <i>Department of EEE, AVCCE</i>
<i>Chief Guest</i>	<i>Dr. Dheepanchakkravarthy A,</i> <i>Assistant professor (SG),</i> <i>Department of EEE, Bannari Amman Institute</i> <i>of Technology, Sathyamangalam</i>
<i>Vote of Thanks</i>	<i>Mr. G. Ashokkumar</i> <i>Assistant Professor</i> <i>Dept of EEE, AVCCE</i>

Program Report:

The Department of Electrical and Electronics Engineering, hosted a guest lecture programme on the topic of " IMPACT OF NON-LINEAR LOADS IN DISTRIBUTION SYSTEMS AND THEIR SOLUTIONS " on 07.05.22, from 11:30 AM to 12:30 PM. The event took place at the computer lab of the EEE department. The event commenced with a welcoming message delivered by Mr. M.Alex, an asst. professor in the Department of Electrical and Electronics Engineering (EEE). This was followed by an inaugural address given by Dr. A.Ravi, Professor and the Department EEE.

Dr. Dheepanchakkravarthy discussed losses and harmonic distortion in distribution networks brought on by many nonlinear loads. Today, there are much more nonlinear loads in power networks. Injecting harmonic currents and voltages are these nonlinear loads. Nonlinear loads are frequently used in distribution systems, which results in an increase in the harmonic distortion of the current and voltage. Because to the influx of harmonics, distribution networks' power quality is significantly impacted. These harmonics have the potential to seriously impact power systems. For example, harmonics in power distribution systems can cause appliances to overheat, components to age and lose capacity, protection and measurement devices to malfunction, lower power factor, and ultimately lower power system efficiency due to rising losses. The session concluded with a vote of gratitude delivered by Dr. G.Ashokkumar, an Asst Professor in the Department of Electrical and Electronics Engineering.

Attendance

Google Meet Attendance Tracking Report

Meeting Name: gfr-kpmq-bac

Date: 07-May-2022



Download as pdf

Attendance Tracking Started At : 11:22:11 AM
Attendance Tracking Stopped At : 12:50:35 PM
Total Number of people Attended : 44
Total Meeting Duration : 1 hr 28 min 23s

Detailed Attendance Report

[Apply filter](#)

Number Of People Attended More Than 65% Of Meeting: 29

Number Of People Attended Less Than 65% Of Meeting: 15

1	ABI BHARATH A	1 hr 12 min 36s	100%
2	ANUMITHA A	1 hr 12 min 36s	100%
3	BALAJI N	1 hr 12 min 36s	100%
4	FARIS AHAMED B	1 hr 12 min 36s	100%
5	HARINI M	1 hr 12 min 36s	100%
6	LOGESHWARAN S	1 hr 12 min 36s	100%
7	MAHESHWARAN R	1 hr 12 min 36s	100%
8	MANOJEKUMAR P	1 hr 12 min 36s	100%
9	NIVETHA M	1 hr 12 min 36s	100%
10	PRATHISH J	1 hr 12 min 36s	100%
11	RAGUL M	1 hr 12 min 36s	100%
12	RAJESWARI R	1 hr 12 min 36s	100%
13	RAKKESH S	1 hr 12 min 36s	100%
14	RATHISH KUMAR R	1 hr 12 min 36s	100%
15	ROHITH M	1 hr 12 min 36s	100%
16	SANTHOSH B	1 hr 12 min 36s	100%
17	SANTHOSH KUMAR I	1 hr 12 min 36s	100%