



# Anil Neerukonda Institute of Technology and Sciences

(Autonomous, Permanently Affiliated to AU, Approved by AICTE, Accredited by NBA & NAAC)

## Department of Electrical and Electronics Engineering

Organising a Webinar on

# " Power Electronics for EV "

in association with Zunik Energies Pvt. Ltd. & Institute of Engineers (IE(I))

Raj Paul  
Joyce Christina  
Student Coordinators

Mrs. K. Lavanya  
Coordinator, IE(I)

Prof. J. Vijay Kumar  
HOD, Dept. Of EEE

Dr. K. Sri Rama Krishna  
Principal, ANITS



### Guest Speaker

**Dr. Dogga Raveendra**  
Senior Research Engineer,  
Alten GmbH, Germany

### Date & Time

**13TH MAY, 2023**  
**11.00 AM - 12.00 PM**



Register here



Join our WhatsApp Group



Meet link





**Anil Neerukonda Institute of Technology & Sciences (Autonomous)**

(Permanent Affiliation by Andhra University & Approved by AICTE  
Accredited by NBA (ECE, EEE, CSE, IT, Mech. Civil & Chemical) & NAAC)

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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Date: 15/05/2023

**Report on “Power Electronics for EV”**

**Name of the Topic:** Power Electronics for Electric Vehicles

**Speaker:** Dr. Dogga Raveendhra,  
Senior Research Engineer,  
Alten GmbH, Germany.

**Date and Time of Webinar:** 13-05-2023, 11:00 AM to 12:00 PM

**Objectives of Webinar:**

The objective of this webinar is to give the students about power electronics and how the things they are learning in the syllabus and theory is useful for the latest trends and electric vehicles.

**Outcomes of Webinar:**

The webinar gives the students the chance to learn about the practical implementation of power electronic devices in electrical vehicles.

**Report:**

The webinar mainly focuses on different types of power electronic devices and integration with Electric Vehicle. Dr. Dogga Raveendhra has started the webinar by discussing the famous power electronics devices like Thyristors, Choppers, IGBT, Inverters and Cyclo-converters. After that he introduced electric vehicles and its operation.

Dr. Dogga Raveendhra discussed the importance of power electronic devices in electric vehicles and how they are using in recent years. He had educated the students about the recent trends and future scope of electric vehicles.



Dr. Dogga Ravendra is presenting

12:21 PM | Power Electronics For ...

Tracking Started 4 min 27s ago Click To Generate Report

Dr. Dogga Ravendra is presenting

### Total Plug-in Electric Vehicle

Fig Architecture of PEV

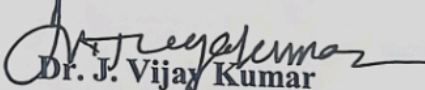
12:08 PM | Power Electronics For ...

Track Attendance

## **Conclusion:**

Joyce Christina, student of EEE, delivered an Opening Remark, he highlighted the importance and relevance of the topic in the current scenario. Mrs. K. Lavanya, Asst. Prof. EEE concluded the session, where she briefly reviewed some of the main points of the session, she also proposed a vote of thanks to our distinguished speaker and participants. All the students found this event very educative and informative.

**K. Lavanya**  
**Asst.Prof**  
**Dept. of EEE**

  
**Dr. J. Vijay Kumar**  
**Prof and HOD,**  
**Dept. of EEE**

Head of the Department  
ELECTRICAL & ELECTRONICS ENGG.  
ANITS, Sangivalasa,  
Visakhapatnam-531 162



## Google Meet Attendance Tracking Report

Meeting Name: qpk-rjvs-kvc

Date: 13-May-2023

Attendance Tracking Started At : 12:17:01 PM  
Attendance Tracking Stopped At : 12:22:23 PM  
Total Number of people Attended : 93  
Total Meeting Duration : 5 min 21s

### Detailed Attendance Report

≡ Apply filter

Number Of People Attended More Than 65% Of Meeting: 85

Number Of People Attended Less Than 65% Of Meeting: 8

S.No	Participant Name	Attended Duration	Attended Percentage
1	320126514001 AKYANASHANMUKHA	5 min 21s	100%
2	320126514005 BANTUVIKASH	5 min 21s	100%
3	320126514006 BARLAHARISANKAR	5 min 21s	100%
4	320126514007 BORUSUHARITHA	5 min 21s	100%
5	320126514009 CHINNALAROHITHA	5 min 21s	100%
6	320126514011 DANDUBHANUPRASAD	5 min 21s	100%
7	320126514012 GADUYESWANTH	5 min 21s	100%
8	320126514013 GUDLASAISOWMYA	5 min 21s	100%
9	320126514017 KAKARARINEETHMARTIN	5 min 21s	100%
10	320126514022 KUMBIDIDILEEP	5 min 21s	100%
11	320126514023 KUNDIRIADITYA	5 min 21s	100%
12	320126514031 PAMULASRISAITEJASWINI	5 min 21s	100%

1/5



Participant Name	Attended Duration	Attended Percentage
320126514032 RAIVENKATARAMANA	5 min 21s	100%
320126514035 SEELAMHARSHAVARDHAN	5 min 21s	100%
320126514038 SILAPARASETTIVYSHNAVI	5 min 21s	100%
320126514039 SURABHITANISHQ	5 min 21s	100%
320126514041 VANAPARTHILIKHITSAI	5 min 21s	100%
320126514044 ALAMURIHARSHAVARDHAN	5 min 21s	100%
320126514047 BAMBIDINAVYA	5 min 21s	100%
320126514048 BATTULAHEMANTHKUMAR	5 min 21s	100%
320126514049 BPURNACHANDRIKA	5 min 21s	100%
320126514050 BONTALARAGHU	5 min 21s	100%
320126514051 BUGGALAAKASH	5 min 21s	100%
320126514054 GANTISHUBHADA	5 min 21s	100%
320126514056 GSANTHOSHSHWAROOP	5 min 21s	100%
320126514057 KAMATAMDEVIKA	5 min 21s	100%
320126514058 KOONAYUKTHAPRIYA	5 min 21s	100%
320126514059 KOYYACHITTITHALLIREDDY	5 min 21s	100%
320126514061 MALLAVARSHINI	5 min 21s	100%
320126514063 MAMIDISAIKIRAN	5 min 21s	100%
320126514064 MEESALAJYOYCECHRISTINA	5 min 21s	100%
320126514066 PAKKIPRAVARSHITHA	5 min 21s	100%
320126514068 PESWARCHANDRABOSE	2 min 19s	44%
320126514069 PEELARAJPAUL	5 min 21s	100%
320126514074 ROUTHUSATHVIK	5 min 21s	100%



No	Participant Name	Attended Duration	Attended Percentage
6	320126514077 SURAPATHIANUSHA	5 min 21s	100%
7	320126514081 VEMPATAPURAJU	5 min 21s	100%
8	320126514083 YALLAMEGHANADH	5 min 21s	100%
9	320126514085 YESWANTHBIKKAVOLU	5 min 21s	100%
0	320126514086 ANNEPUGAYATHRI	5 min 21s	100%
1	320126514102 NARAVASHYAMALA	5 min 21s	100%
2	320126514109 SATTISURYATEJAREDDY	5 min 21s	100%
	320126514111 TANDRANITEESHKUMAR	5 min 21s	100%
	320126514112 TARUNSAIRAYAPUREDDI	5 min 21s	100%
	321126514L18 NAGALISUDHEERKUMAR	5 min 21s	100%
	321126514L19 PAMPANAYASASWINI	5 min 21s	100%
	321126514L20 GUDEYCHANDRASEKHAR	5 min 21s	100%
	321126514L23 KAKARABHARGAV	5 min 21s	100%
	321126514L24 NODAGALAMADHU	5 min 21s	100%
	321126514L25 RAJAGIRIVENKATESH	5 min 21s	100%
	321126514L26 SHAIKIMRAN	3 min 0s	57%
	321126514L28 CHINNISIRISHA	5 min 21s	100%
	321126514L29 MULUKURISAIMOUNIKA	5 min 21s	100%
	321126514L30 BODDASUNITHA	5 min 21s	100%
	321126514L35 DEVUPALLISAGAR	5 min 21s	100%
	321126514L36 GEDELASHANMUKKUMAR	5 min 21s	100%
	321126514L37 REPURISUMASRI	5 min 21s	100%
	321126514L39 SHAIKMALIKVALI	5 min 21s	100%



Id	Participant Name	Attended Duration	Attended Percentage
	321126514L44 GOLAGANILOHIT	5 min 21s	100%
	321126514L45 PASUPUREDDIVENKATANANDITHA	5 min 21s	100%
	321126514L47 ALLIPILLIJOSNASRI	5 min 6s	96%
	321126514L50 KORUKONDABHAVANA	5 min 21s	100%
	321126514L54 KORADASAMPATHKUMAR	5 min 21s	100%
	321126514L55 LEKKALAJYOTHI	5 min 2s	95%
	321126514L60 NELLIMADHAVI	5 min 21s	100%
	A21126514008 DANDA DHANA SREE	5 min 21s	100%
	A21126514009 DARLA USHA SIRISHA	1 min 30s	29%
	A21126514012 EDUBILLI LATHA	5 min 21s	100%
	A21126514016 GUNASEKARAN PRITHIVIE RAJAN	5 min 21s	100%
	A21126514036 NAGOTHI JAHNAVI	5 min 21s	100%
	A21126514045 RAGHUPATRUNI SUSHANT PATNAIK	5 min 21s	100%
	A21126514047 SANAPALA RAMANA BABU	5 min 21s	100%
	A21126514049 SHAIK KAMURULLA	5 min 21s	100%
	A21126514082 GANTA SASI KUMAR	1 min 45s	33%
	A21126514087 GUNURU NAGA SAI DURGA ANIL	5 min 21s	100%
	A21126514093 KANCHIPATI SRINIVAS	5 min 21s	100%
	A21126514095 KATTULA VINAY	5 min 21s	100%
	A21126514096 KOLLI ASHOK KUMAR	1 min 15s	24%
	A21126514101 MENDA SATHYA SURYA JAYANTH	5 min 21s	100%
	A21126514102 MOLLI BHAVANA SAI SIRISHA	5 min 21s	100%
	A21126514106 PATHIVADA DEVI	5 min 21s	100%



S.No	Participant Name	Attended Duration	Attended Percentage
82	A21126514109 RAI BHANU PRASAD	5 min 21s	100%
83	A21126514111 RAMISETTI AKASH DAVID	5 min 21s	100%
84	A21126514122 THURPATI RADHIKA	5 min 21s	100%
85	A21126514125 YARRA YAMINI PRIYA	5 min 21s	100%
86	A22126514068 BOORACHARANSAI	5 min 21s	100%
87	DR. DOGGA RAVEENDHRA	5 min 21s	100%
88	EEE040 KUNA BHUVANESWARI	5 min 21s	100%
89	EEE061 KOTA PALLAVI	5 min 21s	100%
90	EEE065 LAGISETTI SANJAY KUMAR	3 min 4s	58%
91	EEE097 KOLLI ASHOK KUMAR	3 min 11s	60%
	LAVANYA K	5 min 21s	100%
	SATYASAI VELPULA	3 min 0s	57%





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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

***Office Bearers  
2021-2022***



The following are the office bearers of Executive Committee for Institution of Engineers (India) – ELECTRICAL & ELECTRONICS ENGINEERING Students Chapter for the year 2021-22.

**Patron**

Prof. T.V. Hanumantha Rao  
Principal

**Convener**

Dr.G.Raja Rao  
Professor & Head – EEE.

**Staff Advisor**

K.Lavanya Asst. Professor, EEE

**With all other Teaching staff as members of the Executive Committee**

Mrs.K.Lavanya  
(Coordinator)

Dr.G.Raja Rao  
Professor & Head – EEE.

**Head of the Department  
ELECTRICAL & ELECTRONICS ENGG.  
ANITS, Sangivalasa,  
Visakhapatnam-531 162**