

ABOUT INSTITUTION:

Global Institute of Engineering and Technology, Hyderabad, Telangana is affiliated to JNTUH & approved by AICTE. GIET was established in the year 2006 with a vision. To produce technologically skilled Engineers of world class competency to address global challenges .GIET nurtures and supports a unique system of education structure on values and combines the tenets of the academic excellence with corporate professionalism. The primary objective at Global Institute of Engineering and Technology is to impart quality education which leads to quality living. Located at Moinabad, the sprawling campus spread over 28 acres of lush greenery creates the most conducive environment for education. GIET offers under graduate programmes in ECE ,EEE ,CSE, CE, ME ,CSE(AIML), CSE(DS)* and post graduate programmes Embedded Systems & Structural Engineering.

The system Of educational Global Institute of Engineering & Technology grooms the students to rise into professionals and leaders of high academic caliber with unblemished character. Dedicated ,experienced and qualified faculty help in honing the skills of students at early level of their learning.

ABOUT THE ECE DEPARTMENT:

The Department has good infrastructural facilities and is equipped with full-fledged laboratories. The Department also has audio-visual teaching aids with LCD for effective teaching. Keeping pace with the Global Trends GIET has established advanced labs in Digital Electronics, Mobile Communication ,Embedded Systems ,VLSI Design, Microwave Engineering etc. Main thrust of ECE Department is to provide better quality education required by the present industry and train the students in new technologies to equip them to cater to the present global requirements. The Department is offering M.Tech in Embedded Systems.

*Waiting for approval from JNTU

ABOUT THE CERTIFICATE COURSE:

This course elucidates concepts related to Power electronics converters are generally consist of only semiconductor switches and energy storage elements. Non isolated converters are often preferred in applications that electrical isolation is not a necessity, because they are less bulky and costly, and more efficient and reliable.

Speakers:

- Mr.G. Venu ,CVSR, Hyderabad
- Mr.G. Rajesh ,Asst. Professor , GIET

TOPICS TO BE COVERED:

- Introduction to Power Converters and its applications
- Basis concepts of Power Electronics Converters and its applications
- Hands on Power Electronics Converters and its applications
- Construction of Power Electronics Converters
- Applications of Power electronics converters

Below are the means to help you with your self-reflection, self-verification:

1. **Attendance:** This Certificate Course is like a sentence spoken over 6 days. With Hands on. Participation in all sessions is desirable to get all the proposals being put forth.
2. **Assignments:** There will be session wise assignment which need to be submitted.
3. **Course Outcome Evaluation:** Exam will be Conducted on last of Course for which you need to get 80% in order to receive Certificate.
4. **Feedback**

ORGANIZING COMMITTEE:

Chief Patron:

Mr. Arif uddin
M.Phil
Secretary MEWS

Patron:

1. Mr. KM Fasih uddin,
Director GPC

Co-Patrons:

1. Prof .RavindraTiwari,
Dean GPC
2. Prof. K Sivalingam,
Principal GIET

Organizing Secretary:

Mr. G. Ahmed Zeeshan
BE., M.Tech. ,(Ph.D) ,LMISTE
Head ECE

Committee Members:

- | | |
|-----------------------------|-------------------------|
| 1. Dr. S. Padam Priyal | Prof ,Dept of ECE |
| 2. Dr.Ch .Venkateswara Rao | Prof, Dept of ECE |
| 3. Mrs. Nuzath Unnisa Begum | Asst. Prof, Dept of ECE |
| 4. Mr. D Kamalakar Reddy | Asst .Prof ,Dept of ECE |
| 5. Mr. Faizur Rahman Babul | Asst .Prof, Dept of ECE |
| 6. Ms. Imrose Basha | Asst. Prof ,Dept of ECE |
| 7. Mrs .Anwar Jahan | Asst .Prof, Dept of ECE |
| 8. Ms. M Sai Chandana | Asst .Prof ,Dept of ECE |
| 9. Mr .G Uday Kumar | Asst. Prof, Dept of ECE |
| 10. Mr. G Hari krishna | Asst. Prof, Dept of ECE |

How to Apply:

Interested students are required to fill Registration Form online only through Google forms at the link given below

<https://forms.gle/1nkUqovXxDSPA89>

Registration should be done between
25/8/2017 to 27/8/2017
Limited Registrations. First Come First
Serve

WHO SHOULD ATTEND?

The Course is designed for B.Tech students of
ECE

COORDINATOR:

Mr. Issac
Asst. Prof Dept of EEE

GLOBALINSTITUTE OF ENGINEERING & TECHNOLOGY



A Workshop On

“Power Electronics Converters and
its Applications”
(28th-30th August, 2017)



Organized by
DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING
GLOBAL INSTITUTE OF ENGINEERING
& TECHNOLOGY

(A NAAC Accredited Institution, Approved by
AICTE & Affiliated to JNTUH)
Recognized under section 2(f) of UGC Act 1956
An ISO 9001:2015 Certified Institution
Chilkur (V), Moinabad (M), RR Dist – TS
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Website : www.globalhyd.edu.in





GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

Survey No. 179, Chilkur (V), Moinabad (M), Ranga Reddy Dist. T.S.

Phone: 08417-252233/253021/252235, 8790101015

E-Mail: giet.eee.hod@gmail.com, principal.giet.u6@gmail.com

JNTUH Code (U6)

ECE – EEE – CSE - CIVIL – ME – MBA - M.Tech

EAMCET code (GLOB)

ELECTRICAL AND ELECTRONICS ENGINEERING

Dr.T.V.V Pavan Kumar

B.Tech, M.Tech, Ph.D.

Professor & Head

Date: 14/08/2017

CIRCULAR

The Department of Electrical and Electronics Engineering is hosting A *Three Day Workshop on Power Electronics converters and it's Application* for the students of IV Year B.Tech **Electrical and Electronics Engineering** in Room No. 04 from 28th August 2017 to 30th August 2017. All the students of II B. Tech are hereby informed to register for the course on or before 26th August 2017. The Coordinator for the course is Mr. Issac, Assistant Professor, Department of Electrical and Electronics Engineering.

Cc to:
Principal
Co ordinator IQAC
Mentors
Training & Placement Cell
Notice board
File


HEAD
HEAD

Department of Electrical & Electronics En
Global Institute of Engineering & Technolo
Chilkur (V), Moinabad (M), R.R. Dist. T.S.-5013



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ELECTRICAL AND ELECTRONICS ENGINEERING


A Three Day Workshop

On

Power Electronics converters and it's Application
(28th – 30th August, 2017)

PROGRAMME SCHEDULE

	TIME/LENGTH	SESSION	SPEAKER
Day 1	09:30 AM - 10:00 AM	Inauguration	
	10:00 AM - 11:00 AM	Introduction to ' Power Electronics converters and it's Application'	Mr G Venu, CVSR, Hyderabad
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Basis Concepts of Power Electronics converters and it's Application	Mr G Venu, CVSR, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	PPT on Various Devices of Power Electronics converters and it's Application	Mr G Venu, CVSR, Hyderabad
Day 2	09:30 AM - 11:00 AM	Hands on Power Electronics converters and it's Application	Mr.G.Rajesh, Assistant Professor,GIET.
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Construction of Power Electronics converters	Mr.G.Rajesh, Assistant Professor,GIET.
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Control techniques of Power Electronics converters	Mr.G.Rajesh, Assistant Professor,GIET.
Day 3	09:30 AM - 11:00 AM	Applications of power Electronic Converters	Mr G Venu, CVSR, Hyderabad
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Advantages and Disadvantages of converters	Mr G Venu, CVSR, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Valedictory	


 Co- Ordinator
 Mr.Issac,
 Department of EEE



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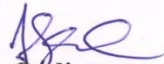
JNTUH Code (U6)

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Department of Electrical and Electronics Engineering

A Three Day Workshop
On
Power Electronics converters and its Application
(28th –30th August 2017)
Participants List

S No	H T No	Name of the Student
1	15U61A0205	MADISHETTI PRASHANTH
2	15U61A0206	MD BELAL
3	15U61A0207	MD NAFIS ALAM
4	15U61A0208	MD RAJA HASAN
5	15U61A0209	MOHAMMED AHMED
6	15U61A0212	PUSHPARAJ SINH
7	15U61A0214	SK NAZIMUL HAQUE
8	16U65A0202	BETHI AKANKSHA
9	16U65A0203	CH. PAVAN
10	16U65A0204	DOUPATI VIGNESHWARI
11	16U65A0205	MARUGOLU SIRISHA


Co-Ordinator
Mr. Issac,
Assistant Professor,
Department of EEE



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EAMCET code (GLOB)

A Three Day Workshop
On

Power Electronics converters and it's Application

(28th -30th August 2017)

REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : MAJGETI PRASHANTH
Roll No : 15U61A0205
Course/Year : B.tech/IV Department : EEE
Phone No : 9246235678 E-mail : prashanthprashu@gmail.com

Signature of Participant

For Office use only

Approved/ Not Approved

Signature of Coordinator



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A Three Day Workshop
On

Power Electronics converters and it's Application

(28th -30th August 2017)

REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : DOUPATI VIGNESHWARJI
Roll No : 16U65A0204
Course/Year : B.tech Department : EEE
Phone No : 9256123456 E-mail : vigneshwaridoupati@gmail.com

Signature of Participant

For Office use only

Approved/ Not Approved

Signature of Coordinator

11	16U65A0205	MARUGOLU SIRISHA	B.Tech	IV					
8	1808A0305	DELLI VIKRAMAN	B.Tech	IA					
9	1808A0306	2K AVANISH HUGLE	B.Tech	IA					
10	1808A0307	3GADHARA SINEH	B.Tech	IA					
11	1808A0308	4GADHARA SINEH	B.Tech	IA					
12	1808A0309	5GADHARA SINEH	B.Tech	IA					
13	1808A0310	6GADHARA SINEH	B.Tech	IA					
14	1808A0311	7GADHARA SINEH	B.Tech	IA					
15	1808A0312	8GADHARA SINEH	B.Tech	IA					
16	1808A0313	9GADHARA SINEH	B.Tech	IA					
17	1808A0314	10GADHARA SINEH	B.Tech	IA					
18	1808A0315	11GADHARA SINEH	B.Tech	IA					
19	1808A0316	12GADHARA SINEH	B.Tech	IA					
20	1808A0317	13GADHARA SINEH	B.Tech	IA					
21	1808A0318	14GADHARA SINEH	B.Tech	IA					
22	1808A0319	15GADHARA SINEH	B.Tech	IA					
23	1808A0320	16GADHARA SINEH	B.Tech	IA					
24	1808A0321	17GADHARA SINEH	B.Tech	IA					
25	1808A0322	18GADHARA SINEH	B.Tech	IA					
26	1808A0323	19GADHARA SINEH	B.Tech	IA					
27	1808A0324	20GADHARA SINEH	B.Tech	IA					
28	1808A0325	21GADHARA SINEH	B.Tech	IA					
29	1808A0326	22GADHARA SINEH	B.Tech	IA					
30	1808A0327	23GADHARA SINEH	B.Tech	IA					
31	1808A0328	24GADHARA SINEH	B.Tech	IA					
32	1808A0329	25GADHARA SINEH	B.Tech	IA					
33	1808A0330	26GADHARA SINEH	B.Tech	IA					
34	1808A0331	27GADHARA SINEH	B.Tech	IA					
35	1808A0332	28GADHARA SINEH	B.Tech	IA					
36	1808A0333	29GADHARA SINEH	B.Tech	IA					
37	1808A0334	30GADHARA SINEH	B.Tech	IA					
38	1808A0335	31GADHARA SINEH	B.Tech	IA					
39	1808A0336	32GADHARA SINEH	B.Tech	IA					
40	1808A0337	33GADHARA SINEH	B.Tech	IA					
41	1808A0338	34GADHARA SINEH	B.Tech	IA					
42	1808A0339	35GADHARA SINEH	B.Tech	IA					
43	1808A0340	36GADHARA SINEH	B.Tech	IA					
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50	1808A0347	43GADHARA SINEH	B.Tech	IA					
51	1808A0348	44GADHARA SINEH	B.Tech	IA					
52	1808A0349	45GADHARA SINEH	B.Tech	IA					
53	1808A0350	46GADHARA SINEH	B.Tech	IA					
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65	1808A0362	58GADHARA SINEH	B.Tech	IA					
66	1808A0363	59GADHARA SINEH	B.Tech	IA					
67	1808A0364	60GADHARA SINEH	B.Tech	IA					
68	1808A0365	61GADHARA SINEH	B.Tech	IA					
69	1808A0366	62GADHARA SINEH	B.Tech	IA					
70	1808A0367	63GADHARA SINEH	B.Tech	IA					
71	1808A0368	64GADHARA SINEH	B.Tech	IA					
72	1808A0369	65GADHARA SINEH	B.Tech	IA					
73	1808A0370	66GADHARA SINEH	B.Tech	IA					
74	1808A0371	67GADHARA SINEH	B.Tech	IA					
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76	1808A0373	69GADHARA SINEH	B.Tech	IA					
77	1808A0374	70GADHARA SINEH	B.Tech	IA					
78	1808A0375	71GADHARA SINEH	B.Tech	IA					
79	1808A0376	72GADHARA SINEH	B.Tech	IA					
80	1808A0377	73GADHARA SINEH	B.Tech	IA					
81	1808A0378	74GADHARA SINEH	B.Tech	IA					
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86	1808A0383	79GADHARA SINEH	B.Tech	IA					
87	1808A0384	80GADHARA SINEH	B.Tech	IA					
88	1808A0385	81GADHARA SINEH	B.Tech	IA					
89	1808A0386	82GADHARA SINEH	B.Tech	IA					
90	1808A0387	83GADHARA SINEH	B.Tech	IA					
91	1808A0388	84GADHARA SINEH	B.Tech	IA					
92	1808A0389	85GADHARA SINEH	B.Tech	IA					
93	1808A0390	86GADHARA SINEH	B.Tech	IA					
94	1808A0391	87GADHARA SINEH	B.Tech	IA					
95	1808A0392	88GADHARA SINEH	B.Tech	IA					
96	1808A0393	89GADHARA SINEH	B.Tech	IA					
97	1808A0394	90GADHARA SINEH	B.Tech	IA					
98	1808A0395	91GADHARA SINEH	B.Tech	IA					
99	1808A0396	92GADHARA SINEH	B.Tech	IA					
100	1808A0397	93GADHARA SINEH	B.Tech	IA					

[Signature]
Principal

PRINCIPAL
Global Institute of Engg. & Tech
Chilukur (V), Moinabad (M)
R. R. Dist

[Signature]
Head of the Department
HEAD
Department of Electrical & Electronics Engg.
Global Institute of Engineering & Technology
Chilukur (V), Moinabad (M), R.R. Dist, T.S.-591504.

VALLEADUTICERHETI
SR - 20, Yelamanchili

కామ్రా. కలెక్షనరీ కలెక్షనరీ వుండు అంబుషన్లను

OR

కలెక్షనరీ వుండు అంబుషన్లను

Department of Electrical and Electronics Engineering

SR - 20, Yelamanchili

కామ్రా. కలెక్షనరీ కలెక్షనరీ వుండు అంబుషన్లను

కలెక్షనరీ వుండు అంబుషన్లను

GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A Three Days Refresher Course

On

Power Electronics converters and it's Application
(28th -30th August 2017)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. Madishetti Prashanth bearing roll number 1SV61A0205

has attended A Three Days Course on "Power Electronics converters and it's Application " held from 28th August 2017 to 30th August 2017 at Global Institute of Engineering and Technology.


Co Ordinator
(Mr.Issac)


Head of the Department
(Mr.T.V.V Pavan Kumar)


Principal
(Dr.V.V.V.S Murthy)

REPORT
ON
THREE DAYS REFRESHER COURSE
Power Electronics converters and its Application

A Three Days Certificate course on **Power Electronics converters in Electrical and Electronics Engineering** was organized by the Department of Electrical and Electronics Engineering. Three days certificate course was held in the Conference Room of GIET from 28th August 2017 to 30th August 2017 and its objective was to further enhance and strengthen the technical skills of the students in the field of Power electronic converters. The course was attended by 11 students of Electrical and Electronics Engineering Department (A.Y. 2017-18). Evaluation forms were also filled by each participant at the end of the course.

Day 1:

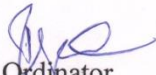
The course started off with the inaugural ceremony and the Co ordinator of this occasion, Mr.Issac, Assistant Professor, and Department of EEE welcomed the gathering. Later in the inauguration Mr G Venu, CVSR, Hyderabad, delivered his inaugural and introductory speech at 10.00 AM in which he delivered his energetic talk on Introduction to ‘ Power Electronic converters and its Application’. He emphasized with a brief lecture on the field of Power Electronic converters and he is given extensive lecture on the converters. It is useful to the student’s those interested in the field of power Electronic converters. He is started with the fundamental in power Electronic and covered all the major topics in power electronics. He Provided the PPTs for the lecture and it is helpful for the students for their academics and also for the carrier. The total entire day he shared wide experience on power Electronic operation and control.

Day 2:

On Second day, first session was taken by Mr.G.Rajesh, Assistant Professor, GIET; Sir delivered a lecture on Power Electronics from 9:30 AM to 11:00AM. It was followed by another lecture by sir on day to day power demand in the present days from 11:15 AM to 1:00 PM, in which he elaborated on understanding of enhancements to Power Systems by using power electronic devices. In the first session, Power Electronics converters and it's Application. Secondly, Construction of **Power** Electronics converters is explained with the illustrative examples. Finally, the Applications of power electronics and real challenges in the power electronics industry is facing.

Day 3:

On third day, first session started at 9:30 AM on Applications of power Electronic Converters by Mr G Venu, CVSR, Hyderabad, and Dept of EEE. In which he spoke about the power Electronic Converters and different types of Converters which used in industrial and also sir focused on the current research on the power Electronic Converters. For this, Sir is given extensive lecture on the multilevel inverters with multiple conditions and also covered the recent trends in the power electronic converters. He is explained about what are the present research is going on in the Power electronic converters. It is very useful to students those are interested in research in Power electronic converters as well as academics.


Co- Ordinator
Mr. Issac,
Department of EEE