



GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE & Affiliated to JNTUH)

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

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JNTUH Code (U6)

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

EAMCET code (GLOB)

ELECTRICAL AND ELECTRONICS ENGINEERING

Dr. Vijay Kumar

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

Professor & Head

Date: 01/09/2014

CIRCULAR

The Department of Electrical and Electronics Engineering is hosting A *Three Day Workshop on Smart Grid Technologies* for the students of II Year B.Tech **Electrical and Electronics Engineering** in Room No. 04 from 11th September 2014 to 13th September 2014. All the students of II B. Tech are hereby informed to register for the course on or before 10th September 2014. The Coordinator for the course is Mr.G.Rajesh, Assistant Professor, Department of Electrical and Electronics Engineering.

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


HEAD

Department of Electrical & Electronics Engg.
Global Institute of Engineering & Technology
Chilkur (V), Moinabad (M), R.R. Dist. T.S. - 501 501.



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ELECTRICAL AND ELECTRONICS ENGINEERING

A Three Day Workshop On Smart Grid Technologies (11th - 13th September, 2014)

PROGRAMME SCHEDULE

	TIME/LENGTH	SESSION	SPEAKER
Day 1	09:30 AM - 10:00 AM	Inauguration	
	10:00 AM - 11:00 AM	Introduction to 'Smart Grid'	Dr.P.Satish Kumar, Osmania University, Hyderabad
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Fundamental of Grids	Dr.P.Satish Kumar, Osmania University, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	PPT on Various Devices of used in Smart Grid	Dr.P.Satish Kumar, Osmania University, Hyderabad
Day 2	09:30 AM - 11:00 AM	Hands on Smart grid Devices	Mr.G.Rajesh, Assistant Professor,GIET.
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Types of power grids	Mr.G.Rajesh, Assistant Professor,GIET.
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	New Trends in smart grid	Mr.G.Rajesh, Assistant Professor,GIET.
Day 3	09:30 AM - 11:00 AM	Applications of Smart Grid	Dr.P.Satish Kumar, Osmania University, Hyderabad
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Advantages and Disadvantages of Smart Grid	Dr.P.Satish Kumar, Osmania University, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Valedictory	

Co-Ordinator
Mr. G.Rajesh,

Department of Electrical and Electronics Engineering



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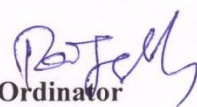
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Department of Electrical and Electronics Engineering

**A Three Day Workshop
On
Smart Grid Technologies
(11th – 13th September, 2014)
Participants List**

SNO	H T No	Name of the Student
1	14U61A0201	AJANTA SARKAR
2	14U61A0202	DARAVATH PAVAN KUMAR
3	14U61A0203	MD ABDUL RAZZAQ
4	14U61A0204	MD KASHIF KHAN
5	14U61A0205	MD RIZWAN MOHIUDDIN
6	14U61A0206	MOHAMMED OBAID KHAN
7	14U61A0207	MOHAMMED RIYAZ
8	14U61A0208	MOHAMMED SARDAR SHAMSHUDDIN
9	14U61A0209	MOHAMMED WAHABUDDIN
10	14U61A0210	MOHD AAQEELUDDIN
11	14U61A0211	MOHD ESA FARAZ
12	14U61A0212	MOHD MINHAJUDDIN
13	14U61A0213	MOHD NAYAB
14	14U61A0214	NASIR KHAN


Co-Ordinator

Mr.G Rajesh,
Assistant Professor,
Department of EEE



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A Three Day Workshop

On

Smart Grid Technologies

(11th – 13th September, 2014)

REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : AJANTA SARKAR
Roll No : 14061A0201
Course/Year : B.tech/IV Department : EEE
Phone No : 803515628 E-mail : SarkarAjanta@gmail.com

Signature of Participant

For Office use only

Approved/ Not Approved

Signature of Coordinator

10	14U61A0210	MOHD AAQEELUDDIN	B.Tech	II	AA	AA	AA	AA	AA
11	14U61A0211	MOHD ESA FARAZ	B.Tech	II	Fazal	Fazal	Fazal	Fazal	Fazal
12	14U61A0212	MOHD MINHAJUDDIN	B.Tech	II	Mirza	Mirza	Mirza	Mirza	Mirza
13	14U61A0213	MOHD NAYAB	B.Tech	II	Nayab	Nayab	Nayab	Nayab	Nayab
14	14U61A0214	NASIR KHAN	B.Tech	II	Nasir	Nasir	Nasir	Nasir	Nasir

Rashid
Co Ordinator

Nasir
Head of the Department

Department of Electrical & Electronics Engg.
Global Institute of Engineering & Technology
Chalkur (V), Moirabad (M), R.R. Dist. T.S.-591509

Nasir
Principal
13/9/2014
PRINCIPAL
Global Institute of Engg. & Tech
Chalkur (V), Moirabad (M)
R. R. Dist.



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A Three Days Workshop

On

Smart Grid Technologies

(11th - 13th September 2014)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. A Janta Sarkar bearing roll number

14U61A0201

has attended A Three Days workshop on "Smart Grid Technologies " held from 11th September

2014 to 13th September 2014 at Global Institute of Engineering and Technology.


Co Ordinator
(Mr.G. Rajesh)


Head of the Department
(Dr.Vijay Kumar)


Principal
(Dr.Mrs.Ravindra Tiwari)

**REPORT
ON
THREE DAYS REFRESHER COURSE
Smart Grid Technologies**

A Three Days Certificate course on **Smart Grid Technologies 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 11th September 2014 to 13th September 2014 and its objective was to further enhance and strengthen the technical skills of the students in the field of Power Electronics in EEE. The course was attended by 14 students of Electrical and Electronics Engineering Department (A.Y. 2014-15). 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.G.Rajesh, Assistant Professor, and Department of EEE welcomed the gathering. Later in the inauguration Dr.P.Satish Kumar, Osmania University, Hyderabad delivered his inaugural and introductory speech at 10.00 AM in which he delivered his energetic talk on Introduction to 'Smart Grid'. He emphasized with a brief lecture on the field of Power sector and he is given extensive lecture on the smart grid. It is useful to the student's those interested in the field of power systems. He is started with the fundamental in power electronics and covered SCR, Rectifiers, Converters, DC Chopper and inverters and how to utilize the power electronic devices in the smart grid. 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 smart grid.

Day 2:

On Second day, first session was taken by Mr.G.Rajesh, Dept of EEE, GIET; Sir delivered a lecture on Smart grid Devices from 9:30 AM to 11:00AM. It was followed by another lecture by sir on Types of power grids from 11:15 AM to 1:00 PM, in which he elaborated on understanding of enhancements to Power electronic Devices. In the first session, the Characteristics of SCR and MOSFET. Secondly, Inverters and converters are explained with the illustrative examples. Finally, the Industrial Applications of power electronics and real challenges in The power electronic industry is facing.

Day 3:

On third day, first session started at 9:30 AM on Applications of Smart Grid by Dr.P.Satish Kumar, Osmania University, and Dept of EE. In which he spoke about the multilevel inverters which are using in the present research and focuses on the industrial application of inverters. For this, Sir is given extensive lecture on the multilevel inverters and also covered the recent trends in the power electronics. He is explained about what are the present research is going on in the multilevel inverters. It is very useful to students those are interested in research in power electronics as well as academics.


Co-Ordinator
Mr. G Rajesh,
Department of EEE