



## 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

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JNTUH Code (U6)

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

EAMCET code (GLOB)

### ELECTRICAL AND ELECTRONICS ENGINEERING

**Dr.J.B.V. Subramanayam**

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

Professor & Head

Date: 7/9/2015

### CIRCULAR

The Department of Electrical and Electronics Engineering is hosting A *Three Day Workshop on Power system operation* for the students of II Year B.Tech **Electrical and Electronics Engineering** in Room No. 04 from 16<sup>th</sup> September 2015 to 18<sup>th</sup> September 2015. All the students of IV B. Tech are hereby informed to register for the course on or before 15<sup>th</sup> September 2015. The Coordinator for the course is Mr.Khaja Khader Mohiuddin, Assistant Professor, Department of Electrical and Electronics Engineering.

  
HEAD

Department of Electrical & Electronics Engg.  
Global Institute of Engineering & Technology  
Chilkur (V), Moinabad (M), R.R. Dist. T.S. - 508 202

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ELECTRICAL AND ELECTRONICS ENGINEERING

### A Three Day Workshop On Power system operation (16<sup>th</sup> -18<sup>th</sup> September, 2015)

#### PROGRAMME SCHEDULE

	TIME/LENGTH	SESSION	SPEAKER
	09:30 AM - 10:00 AM	Inauguration	
Day 1		Introduction to 'Power Systems'	Dr. Vidya sagar, Osmania University, Hyderabad
	10:00 AM - 11:00 AM		
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Basis Concepts of Power systems	Dr. Vidya sagar , Osmania University, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	PPT on Various Devices of Power system equipment	Dr. Vidya sagar , Osmania University, Hyderabad
Day 2	TIME/LENGTH	SESSION	SPEAKER
	09:30 AM - 11:00 AM	Hands on Power system Protection Devices	Mr.T.V.V.Pavan Kumar Assistant Professor,GIET.
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Different types of Protection in Power system	Mr.T.V.V.Pavan Kumar Assistant Professor,GIET.
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Discussion on Power system operation and control	Mr.T.V.V.Pavan Kumar Assistant Professor,GIET.
Day 3	TIME/LENGTH	SESSION	SPEAKER
	09:30 AM - 11:00 AM	Protection and control of power system	Dr. Vidya sagar , Osmania University, Hyderabad
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Advantages and Disadvantages of Power system operation	Dr. Vidya sagar , Osmania University, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Valedictory	

Co-Ordinator

Mr. Khaja Khader Mohiuddin,

Department of Electrical and Electronics Engineering



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### Department of Electrical and Electronics Engineering

#### A Three Day Workshop

On

Power system operation

(16<sup>th</sup> -18<sup>th</sup> September, 2015)

#### Participants List

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. Khaja Khader Mohiuddin,  
Assistant Professor,  
Department of EEE





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### A Three Day Workshop On Power system operation (16<sup>th</sup> -18<sup>th</sup> September, 2015)

#### REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : Ajantha Sarkar

Roll No : 14UG1A0201

Course/Year : B.Tech/II Department : EEE

Phone No : 9507943217 E-mail : Asarba143@gmail.com

Signature of Participant

For Office use only

Approved/ Not Approved

Signature of Coordinator



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## Department of Electrical and Electronics Engineering

### A Three Day Workshop On

### Power system operation

(16<sup>th</sup> -18<sup>th</sup> September, 2015)

### ATTENDANCE SHEET

S.No	H.T.NO	Name Of The Participant	Programme	II Year	Signature					
					Day-1 (07/11/2019)		Day-2 (08/11/2019)		Day-3 (09/11/2019)	
1	14U61A0201	AJANTA SARKAR	B.Tech	II	Fn	An	Fn	An	Fn	An
2	14U61A0202	DARAVATH PAVAN KUMAR	B.Tech	II	Fn	An	Fn	An	Fn	An
3	14U61A0203	MD ABDUL RAZZAQ	B.Tech	II	Fn	An	Fn	An	Fn	An
4	14U61A0204	MD KASHIF KHAN	B.Tech	II	Fn	An	Fn	An	Fn	An
5	14U61A0205	MD RIZWAN MOHIUDDIN	B.Tech	II	Fn	An	Fn	An	Fn	An
6	14U61A0206	MOHAMMED OBAID KHAN	B.Tech	II	Fn	An	Fn	An	Fn	An
7	14U61A0207	MOHAMMED RIYAZ	B.Tech	II	Fn	An	Fn	An	Fn	An
8	14U61A0208	MOHAMMED SARDAR SHAMSHUDDIN	B.Tech	II	Fn	An	Fn	An	Fn	An
9	14U61A0209	MOHAMMED WAHABUDDIN	B.Tech	II	Fn	An	Fn	An	Fn	An
10	14U61A0210	MOHD AAQEELUDDIN	B.Tech	II	Fn	An	Fn	An	Fn	An

11	14U61A0211	MOHD ESA FARAZ	B.Tech	II	Steady	Steady	Steady	Steady	Steady	Steady
12	14U61A0212	MOHD MINHAJUDDIN	B.Tech	II	Steady	Steady	Steady	Steady	Steady	Steady
13	14U61A0213	MOHD NAYAB	B.Tech	II	Steady	Steady	Steady	Steady	Steady	Steady
14	14U61A0214	NASIR KHAN	B.Tech	II	Steady	Steady	Steady	Steady	Steady	Steady

Principal  
19/10/2015

Principal  
Global Institute of Engg. & Tech  
Chikkur (V), Moinabad (M)  
R. R. Dist.

Head of the Department  
HEAD  
Department of Electrical & Electronics Engg.  
Global Institute of Engineering & Technology  
Chikkur (V), Moinabad (M), R.R. Dist.

Co-Ordinator

ATTENDANCE SHEET

19-10-2015

Global Institute of Engineering & Technology

Chikkur (V), Moinabad (M), R.R. Dist.

Department of Electrical and Electronics Engineering

Global Institute of Engineering & Technology

Chikkur (V), Moinabad (M), R.R. Dist.

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

A Three Days Refresher Course

On

Power system operation

(16<sup>th</sup> - 18<sup>th</sup> September, 2015)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. Ajanta Sarkar bearing roll number 14UG1A-0201

has attended A three Days Course on "Power system operation" held from 16<sup>th</sup> September 2015 to 18<sup>th</sup> September 2015 at Global Institute of Engineering and Technology.

  
Co Ordinator  
(Mr. Khaja Khader Mohiuddin)

  
Head of the Department  
(Dr. J.B.V Subramanayam)

  
Principal  
(Dr. Mrs. Ravindra Tiwari)

**REPORT**  
**ON**  
**THREE DAYS REFRESHER COURSE**

**Power System Operation**

A Three Days Certificate course on **Power System Operation 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 16<sup>th</sup> September 2015 to 18<sup>th</sup> September 2015 and its objective was to further enhance and strengthen the technical skills of the students in the field of Power System Operation in EEE. The course was attended by 14 students of Electrical and Electronics Engineering Department (A.Y. 2015-16). 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.Khaja Khader Mohiuddin, Assistant Professor, and Department of EEE welcomed the gathering. Later in the inauguration Dr.Vidya sagar, Osmania University, Hyderabad, delivered his inaugural and introductory speech at 10.00 AM in which he delivered his energetic talk on '**Introduction to Power Systems operation**'. He emphasized with a brief lecture on the field of Power Systems and he is given extensive lecture on the operation and Control in Power systems. It is useful to the student's those interested in the field of power systems. He is started with the fundamental in power systems and covered Bulk power transfer from remote areas, Load flow studies, and Economic load dispatch. 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 systems operation and control.

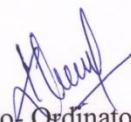


**Day 2:**

On Second day, first session was taken by Mr.T.V.V.Pavan Kumar, Dept of EEE, GIET; Sir delivered a lecture on Power systems operation 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. In the first session, the Different faults in the Power system. Secondly, Circuit breaker and relays are explained with the illustrative examples. Finally, the Applications of power systems and real challenges in the power systems industry are facing.

**Day 3:**

On third day, first session started at 9:30 AM on '**Applications of power systems**' by Dr. Vidya sager, Osmania University, Hyderabad, and Dept of EEE. In which he spoke about the Fault calculations and different types of faults which are occurring in power system and also sir focused on the current research on the power systems. For this, Sir is given extensive lecture on the Stability of power systems with multiple conditions like transient state and stability and also covered the recent trends in the power systems. He is explained about what are the present research is going on in the Power systems. It is very useful to students those are interested in research in power systems as well as academics.

  
Co-Ordinator  
Mr. Khaja Khader Mohiuddin,  
Department of EEE