

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 , 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.

ABOUT THE CERTIFICATE COURSE:

This course elucidates concepts related to a flexible alternating current transmission system (FACTS) is a system composed of static equipment used for the alternating current (AC) transmission of electrical energy. It is meant to enhance controllability and increase power transfer capability of the network. It is generally a power electronics-based system.

Speakers:

- Mr. Dr. T. Anil Kumar, CVSR, Hyderabad
- Mr. T. V. V. Pavan Kumar , Asst. Professor, GIET.

TOPICS TO BE COVERED:

- Introduction to FACTS
- Basics Concepts of FACTS
- Different techniques in FACTS
- Hands on FACTS Devices
- Industrial use of FACTS Devices

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. Ravindra Tiwari,
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 Kamalakara 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/1nkUgovXxDSpaGH89>

Registration should be done between
1/7/2017 to 3/7/2017
Limited Registrations. First Come First
Serve

WHO SHOULD ATTEND?

The Course is designed for B.Tech students of
ECE

COORDINATOR:

Mr. K. SUMAN
Asst. Prof Dept of EEE

GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY



A Workshop
On
"FACTS"
(4th-6th July, 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
Phone No: +91-9985-359-601
+91-879-010-1015 +91-919959250205

E-mail:

principal.giet.u6@gmail.com
gieteng@gmail.com
Website : www.globalhyd.edu.in



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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: 16/08/2017

CIRCULAR

The Department of Electrical and Electronics Engineering is hosting A *Three Day Workshop on FACTS* for the students of III Year B.Tech **Electrical and Electronics Engineering** in Room No. 04 from 28th August 2017 to 30th August 2017. All the students of IV B. Tech are hereby informed to register for the course on or before 27th August 2017. The Coordinator for the course is Mr.K Suman, 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 E.
Global Institute of Engineering & Technology
Chilkur (V), Moinabad (M), R.R. Dist.T.S.-501 004



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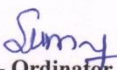
ELECTRICAL AND ELECTRONICS ENGINEERING

A Three Day Workshop

On
FACTS
(4th -6th July, 2017)

PROGRAMME SCHEDULE

	TIME/LENGTH	SESSION	SPEAKER
	09:30 AM - 10:00 AM	Inauguration	
Day 1	10:00 AM - 11:00 AM	Introduction to 'FACTS'	Dr.T.Anil Kumar, CVSR, Hyderabad
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Basis Concepts of FACTS	Dr.T.Anil Kumar, CVSR, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Different techniques in FACTS	Dr.T.Anil Kumar, CVSR, Hyderabad
Day 2	TIME/LENGTH	SESSION	SPEAKER
	09:30 AM - 11:00 AM	Hands on FACTS devices	Mr.T.V.V.Pavan Kumar Assistant Professor,GIET.
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Industrial use of FACTS devices	Mr.T.V.V.Pavan Kumar Assistant Professor,GIET.
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Control techniques in FACTS devices	Mr.T.V.V.Pavan Kumar Assistant Professor,GIET.
Day 3	TIME/LENGTH	SESSION	SPEAKER
	09:30 AM - 11:00 AM	Applications of FACTS Devices	Dr.T.Anil Kumar, CVSR, Hyderabad
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Advantages and Disadvantages of FACTS	Dr.T.Anil Kumar, CVSR, Hyderabad
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Valedictory	


Co-Ordinator
Mr. K. Suman

Department of Electrical and Electronics Engineering



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Department of Electrical and Electronics Engineering

A Three Day Workshop

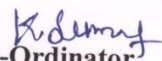
On

FACTS

(4th – 6th July, 2017)

Participants List

S No	H T NO	Name of the Student
1	14U61A0202	DARAVATH PAVAN KUMAR
2	14U61A0204	MD KASHIF KHAN
3	14U61A0206	MOHAMMED OBAID KHAN
4	14U61A0210	MOHD AAQEELUDDIN
5	14U61A0212	MOHD MINHAJUDDIN
6	14U61A0218	SHAIK FIRDOUS
7	14U61A0220	SYED SHAH AKBARUDDIN QUADRI
8	15U65A0201	GORAKALA UDAY KUMAR
9	15U65A0202	ANUMULA SRIKANTH
10	15U65A0203	M. SANTHOSH KUMAR
11	15U65A0204	CHATTIVARANGAL NARESH
12	15U65A0205	PEESARI JHON REDDY


Co-Ordinator

Mr.K Suman,
Assistant Professor,
Department of EEE



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A Three Day Workshop On

FACTS

(4th - 6th July, 2017)

REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : md. kashif khan
Roll No : 14UG1A204
Course/Year : B.Tech IIIrd Department : EEE
Phone No : 92057892 E-mail : kashifkhan@gmail.com
Signature of Participant

For Office use only

Approved/ Not Approved

Sumit
Signature of Coordinator



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A Three Day Workshop On

FACTS

(4th - 6th July, 2017)

REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : Pavan Kumar
Roll No : 14UG1A202
Course/Year : B.Tech 3rd Department : EEE
Phone No : 897254739 E-mail : PavanKumar@gmail.com
Signature of Participant

For Office use only

Approved/ Not Approved

Sumit
Signature of Coordinator



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Department of Electrical and Electronics Engineering

A Three Day Workshop On

FACTS

(4th - 6th July, 2017)

ATTENDANCE SHEET

S.No	H.T.NO	Name Of The Participant	Program e	III Year	Signature					
					Day-1 (07/11/2019)		Day-2 (08/11/2019)		Day-3 (09/11/2019)	
					Fn	An	Fn	An	Fn	An
1	14U61A0202	DARAVATH PAVAN KUMAR	B.Tech	III	Pavany	Pavany	Pavany	Pavany	Pavany	Pavany
2	14U61A0204	MD KASHIF KHAN	B.Tech	III	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif
3	14U61A0206	MOHAMMED OBAID KHAN	B.Tech	III	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif
4	14U61A0210	MOHD AAQEELUDDIN	B.Tech	III	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif
5	14U61A0212	MOHD MINHAJUDDIN	B.Tech	III	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif
6	14U61A0218	SHAIK FIRDOUS	B.Tech	III	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif
7	14U61A0220	SYED SHAH AKBARUDDIN QUADRI	B.Tech	III	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif	Md Kashif
8	15U65A0201	GORAKALA UDAY KUMAR	B.Tech	III	Uday	Uday	Uday	Uday	Uday	Uday
9	15U65A0202	ANUMULA SRIKANTH	B.Tech	III	Uday	Uday	Uday	Uday	Uday	Uday
10	15U65A0203	M. SANTHOSH KUMAR	B.Tech	III	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh

11	15U65A0204	CHATTIVARANGAL NARESH	B.Tech	III	N	N	N	N	N
12	15U65A0205	PEESARI JHON REDDY	B.Tech	III	J Reddy	J Reddy	J Reddy	J Reddy	J Reddy

Sunny
Co Ordinator

[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.-501504

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



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A Three Days Refresher Course

On

FACTS

(4th – 6th July, 2017)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. D. Pavan Kumar bearing roll number

14UG1A0202 has attended A Three Days Course on “FACTS” held from 4th July 2017 to 6th

July 2017 at Global Institute of Engineering and Technology.

Sunny
Co Ordinator
(Mr. K. Suman)

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

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

REPORT
ON
THREE DAYS REFRESHER COURSE
FACTS

A Three Days Certificate course on **FACTS 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 04 from 4th July 2017 to 6th July 2017 and its objective was to further enhance and strengthen the technical skills of the students in the Power System Operation. The course was attended by 12 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:

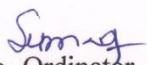
The course started off with the inaugural ceremony and the Co ordinator of this occasion, Mr.K Suman, Assistant Professor, and Department of EEE welcomed the gathering. Later in the inauguration Dr.T.Anil Kumar, CVSR, Hyderabad, delivered his inaugural and introductory speech at 10.00 AM in which he delivered his energetic talk on **FACTS**. He emphasized with a brief lecture on the field of flexible AC Transmission systems and he is given extensive lecture on the bulk power transfer in the 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 FACTS 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 Control techniques in FACTS devices. In the first session, the devices (FACTS) which are used 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.T.Anil Kumar, CVSR, Hyderabad, and Dept of EEE. In which he spoke about the application of FACTS devices and their advantages and disadvantages of FACTS and also sir focused on the current research on the FACTS. 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 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.K Suman,
Department of EEE