

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 The system which use electrical power for traction system i.e. for railways, trams, trolleys, etc. is called electrical traction. The track electrification refers to the type of source supply system that is used while powering the electric locomotive systems. It can be AC or DC or a composite supply.

Selecting the type of electrification depends on several factors like availability of supply, type of an application area, or on the services like urban, suburban and main line services, etc.

Speakers:

Mr.Dr. Sardar Ali, Head of the Department ,Deccan College of Engineering and Technology

- Mr.Dr.Abdul Hameed Siddiqi ,
Asst Professor,
GIET

TOPICS TO BE COVERED:

- Introduction to Electric Traction Systems
- Different Kinds of Electric Traction Systems
- Applications of Electric Traction Systems
- Speed Control in Electric Traction Systems
- Uses of DC Series motors Electric Traction Systems

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:

Mrs. Sabiha 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 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

19/01/2019 to 21/01/2019

Limited Registrations. First Come First

Serve

WHO SHOULD ATTEND?

The Course is designed for B.Tech students of
ECE

COORDINATOR:

Mr. T Gowtham

Asst. Prof Dept of EEE

Mobile: 9959414337

GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY



A Workshop

On

“Electric Traction Systems”

(22nd-24th January, 2019)



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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JNTUH Code (U6) ECE – EEE – CSE - CIVIL – ME – MBA - M.Tech EAMCET code (GLOB)

Department of Electrical and Electronics Engineering

Mr. Khaja Khader Mohiuddin

B.Tech, M.Tech, (Ph.D.)

Assistant Professor & Head

Date: 14/1/2019

CIRCULAR

The Department of Electrical and Electronics Engineering is hosting A *Three Day Workshop on Electric Traction systems* for the students of IV Year B.Tech **Electrical and Electronics Engineering** in Room No. 04 from 22nd January 2019 to 24th January 2019. All the students of B. Tech are hereby informed to register for the course on or before 21st January 2019. The Coordinator for the course is Mr. T.Goutham, Assistant Professor, Department of Electrical and Electronics Engineering.

HEAD

Department of Electrical & Electronics Engg.
Global Institute of Engineering & Technology
Chilkur (V), Moinabad (M), Ranga Reddy Dist. T.S.-501508

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



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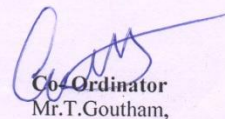
Department of Electrical and Electronics Engineering

A Three Day Workshop On

Electric Traction systems
(22th - 24th January, 2019)

PROGRAMME SCHEDULE

	TIME/LENGTH	SESSION	SPEAKER
Day 1	09:30 AM - 10:00 AM	Inauguration	
	10:00 AM - 11:00 AM	Introduction to 'Electric Traction systems'	Dr. Sardar Ali, Head of the Department, Deccan College of Engineering and Technology
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	Different kinds of Electric Traction systems	Dr. Sardar Ali, Head of the Department, Deccan College of Engineering and Technology
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Application of Electric Traction systems	Dr. Sardar Ali, Head of the Department, Deccan College of Engineering and Technology
	Day 2	09:30 AM - 11:00 AM	Speed control in Electric Traction systems
11:00 AM - 11:15 AM		High Tea	
11:15 AM - 01:00 PM		Deferent drives used in Electric Traction systems	Dr. Abdul Hameed Siddiqi Assistant Professor, GIET.
01:00 PM - 02:00 PM		LUNCH BREAK	
02:00 PM - 03:30 PM		Uses of DC Series motors Electric Traction systems	Dr. Abdul Hameed Siddiqi Assistant Professor, GIET.
Day 3	09:30 AM - 11:00 AM	Advantages and disadvantages of Electric Traction systems	Dr. Sardar Ali, Head of the Department, Deccan College of Engineering and Technology
	11:00 AM - 11:15 AM	High Tea	
	11:15 AM - 01:00 PM	detail explanation of Electric traction systems	Dr. Sardar Ali, Head of the Department, Deccan College of Engineering and Technology
	01:00 PM - 02:00 PM	LUNCH BREAK	
	02:00 PM - 03:30 PM	Valedictory	


Co-Ordinator
Mr. T. Goutham,

Department of Electrical and Electronics Engineering



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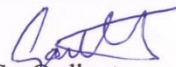
A Three Day Workshop On

Electric Traction systems

(22nd – 24th January 2019)

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
12	16U65A0206	MOLA AUGUSTIEN RAJU
13	16U65A0207	PEDDAMMALA RAVITEJA
14	16U65A0208	POTTELU SRAVANTHI
15	16U65A0209	RANJEETH PENDUR
16	16U65A0211	THATIPALLY SAMPATH
17	16U65A0212	THIRRI ASHWADHAMA


Co-Ordinator
Mr.T.Goutham,
Assistant Professor,
Department of EEE



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Department of Electrical and Electronics Engineering

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On

Electric Traction systems

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REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : M. Prashant
Roll No : 15V61A0205
Course/Year : B.Tech/EE Department : EEE
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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

Electric Traction systems

(22nd - 24th January 2019)

REGISTRATION FORM

(Please Fill in CAPITAL LETTERS)

Name : B. Akanksha
Roll No : 16V65A0202
Course/Year : B.Tech/EE Department : EEE
Phone No : 8976456321 E-mail : Bakanksha212@gmail.com
Signature of Participant

For Office use only

Approved/ Not Approved

Signature of Coordinator

10	16U65A0204	DOUPATI VIGNESHWARI	B.Tech	IV						
11	16U65A0205	MARUGOLU SIRISHA	B.Tech	IV						
12	16U65A0206	MOLA AUGUSTIEN RAJU	B.Tech	IV						
13	16U65A0207	PEDDAMMALA RAVITEJA	B.Tech	IV						
14	16U65A0208	POTTELU SRAVANTHI	B.Tech	IV						
15	16U65A0209	RANJEETH PENDUR	B.Tech	IV						
16	16U65A0211	THATIPALLY SAMPATH	B.Tech	IV						
17	16U65A0212	THIRRI ASHWADHAMA	B.Tech	IV						

Co-ordinator

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.

Principal

PRINCIPAL

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



GLOBAL Institute of Engineering & Technology

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GLOBAL INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

A Three Days Workshop

On

Electric Traction systems
(22nd -24th January 2019)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. M. Prashanth bearing roll number

15UG1A0205 has attended A Three Days workshop on "Electric Traction systems" held from 22nd January 2019

to 24th January 2019 at Global Institute of Engineering and Technology.


Co Ordinator
(Mr.T. Goutham)


Head of the Department
(Mr.Khaja Khader Mohiuddin)


Principal
(Dr. Sivalingam)



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A Three Days Workshop
On
Electric Traction systems
(22nd -24th January 2019)

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./Mr. B. Akanksha bearing roll number

16U6SA0202 has attended A Three Days workshop on "Electric Traction systems" held from 22nd January 2019

to 24th January 2019 at Global Institute of Engineering and Technology.


Co Ordinator
(Mr.T. Goutham)


Head of the Department
(Mr:Khaja Khader Mohiuddin)


Principal
(Dr. Sivalingam)

REPORT
ON
THREE DAYS REFRESHER COURSE
Electric Traction Systems

A Three Days Certificate course on **Electric Traction Systems 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 22nd January 2019 to 24th January 2019 and its objective was to further enhance and strengthen the technical skills of the students in the field of Electrical traction systems. The course was attended by 17 students of Electrical and Electronics Engineering Department (A.Y. 2018-19). Evaluation forms were also filled by each participant at the end of the course.

Day 1:

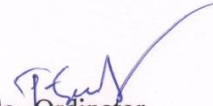
The course started off with the inaugural ceremony and the Co ordinator of this occasion, Mr.T.Goutham, Assistant Professor, and Department of EEE welcomed the gathering. Later in the inauguration Dr. Sardar Ali, Head of the Department, Deccan College of Engineering and Technology, delivered his inaugural and introductory speech at 10.00 AM in which he delivered his energetic talk on Introduction to 'Electric Traction systems'. He emphasized with a brief lecture on Different kinds of Electric Traction systems and he is given extensive lecture on the operation and speed Control of drives which are used in the electric traction. It is useful to the student's those interested in the field of electrical drives. He is started with the fundamental in electrical drives and covered all drives which are used in the industrial applications. 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 Different kinds of electrical drives operation and control.

Day 2:

On Second day, first session was taken by Dr. Abdul Hameed Siddiqi Assistant Professor, GIET; Sir delivered a lecture on Speed control in Electric Traction system from 9:30 AM to 11:00AM. It was followed by another lecture by sir on day to day Deferent drives used in Electric Traction systems in the present days from 11:15 AM to 1:00 PM, in which he elaborated on understanding of Electric drives, operation and control of the drives. In the first session, the Different types of Speed control in Electric drives. Secondly, Deferent drives used in Electric Traction systems, explained with the illustrative examples. Finally, the Uses of DC Series motors **Electric** Traction systems and real challenges in the industry.

Day 3:

On third day, first session started at 9:30 AM on 'Advantages and disadvantages of Electric Traction systems' by Dr. Sardar Ali, Head of the Department, Deccan College of Engineering and Technology. In which he spoke about the Electrical drives and detail explanation of Electric traction systems and also sir focused on the current research on the electrical drives. For this, Sir is given extensive lecture on the Drives with multiple conditions like speed control of ACDC drives. He is explained about what are the present research is going on in the electrical drives. It is very useful to students those are interested in research in electrical drives as well as academics.


Co-Ordinator
Mr. T. Goutham,
Department of EEE