



GRIET/6C/G/18-19

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	400/220kV Substation, TS TRANSCO, Shankarpally, Hyderabad-501203				
Department	EEE	Professional Body			Institutional Body
					IEI-EE
Nature of the Event (Workshop / Seminar / Guest Lecture / Tech Talk/FDP/GD/ Training Program / Quiz / Presentation/Conference/ Industry Visit/Any Co & Extracurricular Activities)	Industry Visit				
Title / Theme of the Event	Industrial Visit to 400kV Substation, TS Transco				
Details of the Coordinator & Designation	M.Prashanth, Assistant Professor				
Event Dates/Days	From	To	No. of Days		
	28 th Jan 20	28 th Jan 20	01		
Details of the Speaker / Guest Organization Address:	K Shashank, AE, GIS Substation, TS Transco				
Participants (Teaching Faculty / Non-Teaching Faculty / Students)	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	02	58		0	60
Enclose participants list					
Faculty Names & Designation	M. Prashanth, Asst.Prof M Karthika, Asst.Prof				

<p>Summary of the Event</p>	<p>The Department of EEE conducted an industrial visit for B.Tech 3rd year students (60) along with 2 faculty to 400kV air-insulated Substation TS Transco at Shankarpally, Hyderabad. In The Substation, they mainly explained about necessity of substation and compare AIS&GIS Substation, Equipments used in the AIS substation and working of each device (Lightning Arresters, Lightning Masks, CVT, CT, Isolators, Bus Bar, Earth Switch, Circuit Breaker, Transformer and Reactor), single line diagram of 400/220kV network with incoming and outgoing lines within the substation and how to remotely control the Isolator and Circuit Breaker in the control panel available in the control room. They showed each and every device used in the AIS substation. Students understood the basic concepts clearly about Transmission and Distribution in the Power System Network and clarified their doubts. This visit was very much useful to their study of engineering towards their career in core industries.</p>
<p>IRG (in rupees)</p> <p>Deposited A/C no A/C name and date and other details</p> <p>(enclose proof-A/C statement)</p>	<p>NA.</p>
<p>Expenditure (in rupees)</p> <p>(Enclose proof-bills)</p>	<p>NA.</p>
<p>POs attained with this Event</p> <p>(number and description)</p>	<p>a: Ability to apply knowledge of mathematics, science, and engineering.</p> <p>c: Ability to design a system, component, or process to meet desired needs within realistic constraints.</p> <p>i: Recognition of the need for, and an ability to engage in life-long learning.</p> <p>j: Knowledge of contemporary issues.</p> <p>k:Ability to utilize experimental, statistical and computational methods and tools necessary for engineering practice.</p> <p>l:Graduates will demonstrate an ability to design electrical and electronic circuits, power electronics, power systems; electrical machines analyze and interpret data and also an ability to design digital and analog systems and programming them.</p>



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electrical and Electronics Engineering
Industrial Visit to 400/220kV Substation on 28th Jan 2020
Shankarpally, Hyderabad-501203



Photographs of the event

(Hard copy and Soft copy)

Proofs:

- 1.Certificates copies
- 2.Profile of Speaker
- 3.PPT/Material as applicable. etc.,

Signature of Coordinator

Signature of HOD