GRIET/6C/G/18-19

EVENT SUMMARY REPORT

Griet/Other institutes/Organization Address:	220/132kV GIS Substation, TS TRANSCO, Erragadda, Hyderabad-500045				
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 220kV GIS Substation, TS Transco				
Details of the Coordinator& Designation	M.Prashanth, Assistant Professor				
Event Dates/Days	From	To	No. of Days		
	24th Jan 20	24th Jan 20	01		
Details of the Speaker / Guest Organization Address:	**Vidya Sagar, AE, GIS Substation, TS Transco**				
Participants (Teaching Faculty / Non-Teaching Faculty / Students) **Enclose participants list**	No.of Faculty	No. of UG students	No.of PG Students	No.of outside participants	Total Participants
	03	57		0	60
Faculty Names & Designation	M. Prashanth, Asst.Prof Y Satya Vani, Asst.Prof M N Sandhya Rani, Asst.Prof				

Summary of the Event	The Department of EEE conducted an industrial visit for B.Tech 3rd year students (60) along with 3 faculty to 220kV GIS Substation TS Transco at Erragadda, Hyderabad. In The GIS Substation, they mainly explained about Advantages of GIS Substation compared to air-insulated substation, Equipments used in the GIS substation and working of each device (CST, Surge Arresters, CVT, CT, Isolators, Bus Bar, Earth Switch, Circuit Breaker, Transformer and CET) and single line diagram of 220/132kV network with incoming and outgoing lines within the substation. They showed each and every device used in the GIS 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.
IRG (in rupees**)** **Deposited A/C no A/C name and date and other details** **(enclose proof-A/C statement)**	NA.
Expenditure (in rupees**)** **(Enclose proof-bills)**	NA.
POs attained with this Event (number and description)	**a**: Ability to apply knowledge of mathematics, science, and engineering. **c**: Ability to design a system, component, or process to meet desired needs within realistic constraints. **i**: Recognition of the need for, and an ability to engage in life-long learning. **j**: Knowledge of contemporary issues. **k:**Ability to utilize experimental, statistical and computational methods and tools necessary for engineering practice. **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.

Photographs of the event (Hard copy and Soft copy)	GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY Department of Electrical and Electronics Engineering Industrial Visit to 220/132kV GIS Substation on 24th Jan 2020 Erragadda, Hyderabad-500045   
Proofs: **1.Certificates copies** **2.Profile of Speaker** **3.PPT/Material as applicable. etc.,**	

Signature of Coordinator **Signature of HOD**