



**Gokaraju Rangaraju Institute of Engineering and Technology
(Autonomous)**

Report of the Event

Title of the Event: Three Day Workshop on “PSCAD – Software” By Chaitanya Deshpande (Simulation Engineer)

Organized Date: 02nd November 2016 to 04th November 2016

Summary:

This 3-day training course covers the fundamentals of the study of electromagnetic transients in electrical networks. Many application areas such as AC transients, fault and protection, transformer saturation, wind power, FACTS, power quality, as well as other power systems topics will be discussed with practical examples serving to illustrate the subjects. Several case studies, including in the NEM context, will be applied in detail to highlight practical situations encountered by engineers in the field. Course participants will be able to experiment with the case studies in an interactive hands-on workshop environment using the PSCAD Simulation software. Attendees can request coverage of specific topics or phenomena of interest.