

# PES DAY

11<sup>th</sup> APRIL, 2019

GCET,ANAND

## **INTRODUCTION:**

IAS-PES Joint Chapter, IEEE GCET SB celebrated the 2<sup>nd</sup> edition of PES Day on 11<sup>th</sup> April, 2019. We invited Prof. Nirmal Kumar Nair, Associate Professor of Auckland University. He conducted the session on “Protection and Safety of Power systems with Highly Renewable Distributed Energy Resources”.

The event was scheduled from:

10:30 AM to 01:00 PM

Total number of participants: 60



PES day marks the completion of 11 years of new PES name. On 22 April, 2008, the Power Engineering Society changed its name to the Power & Energy Society after a final vote from the PES members.

The event started at 10:30 am on 11<sup>th</sup> April, 2019 in the Auditorium. In his talk, he covered the following topics:

- 1) Overview of Global Emerging Agendas
- 2) Transmission Connected DERs
- 3) Distribution Connected DERs
- 4) Microgrids

We learned Protection & Safety of Power System, Changing Impact Landscape for Electricity Infrastructure, which are the technical issues we are facing with the safety of Power System. He briefed us about the Power & Energy Society (PES) and its benefits. Prof. Nirmal Kumar Nair also talked about his latest project and consultancy services.







He also talked about Renewable Energy Sources, Protection Philosophy and Power System States, Resilience Based Analysis for Natural Hazards, Transmission Connected DERs During Abnormal Events, Case Study of Australia 2016 Strom, Australia 2016 Blackout, Turkey 2015 Blackout, India 2012 Blackout. It was a fruitful session for students.

Postliminary, Prof. Rakesh Patel apprised students about the benefits of Power and energy Society and brought closure to the event by thanking the guest of honor for sparing their valuable time. At the end, we had a cake cutting session. The event ended at 01:30 pm.