



## VISHWAKARMA GOVERNMENT ENGINEERING COLLEGE, CHANDKHEDA

### Brief Report on "***Flexible AC Transmission System***" dated 03/10/2020, Saturday

Name of Department/Organizer	:	Electrical Engineering Department ( under IEI student chapter )
Date & Time	:	03/10/2020, Saturday&11:00 to 12:00PM
Venue	:	Vishwakarma Government Engineering college, Chandkheda
No of Participants	:	45

- **Objective of the Event**

The webinar was organized by IEI students' chapter to have knowledge on "**Flexible AC transmission system**" for Student committee members of IEI student chapter to discuss the current trends and future prospects in power system.

- **Outcome of the Event**

The speaker for the webinar was Dr. J G Jamnani, working as Associate professor in PDPU and has published many bookson power system. The students were firstly given a brief introduction about the power system. The speaker discussed the power trends in India. Then a basic overview of transmission and distribution system was given. The speaker very enthusiastically explained the power flow in our power system. The students were made aware about the reactive power compensation and the current equipments used in our power system. The speaker also gave insights on the EHVAC transmission, its merits and future of power transmission.

The speaker at the event very passionately discussed about the application and characteristics of FACT devices which are used in power system. The speaker also discussed about voltage control and power factor correction. Lastly, he also addressed all the questions asked by the students. The webinar gave the students a very great insight on current trends in power system and its future prospects.

- Event Photographs

