

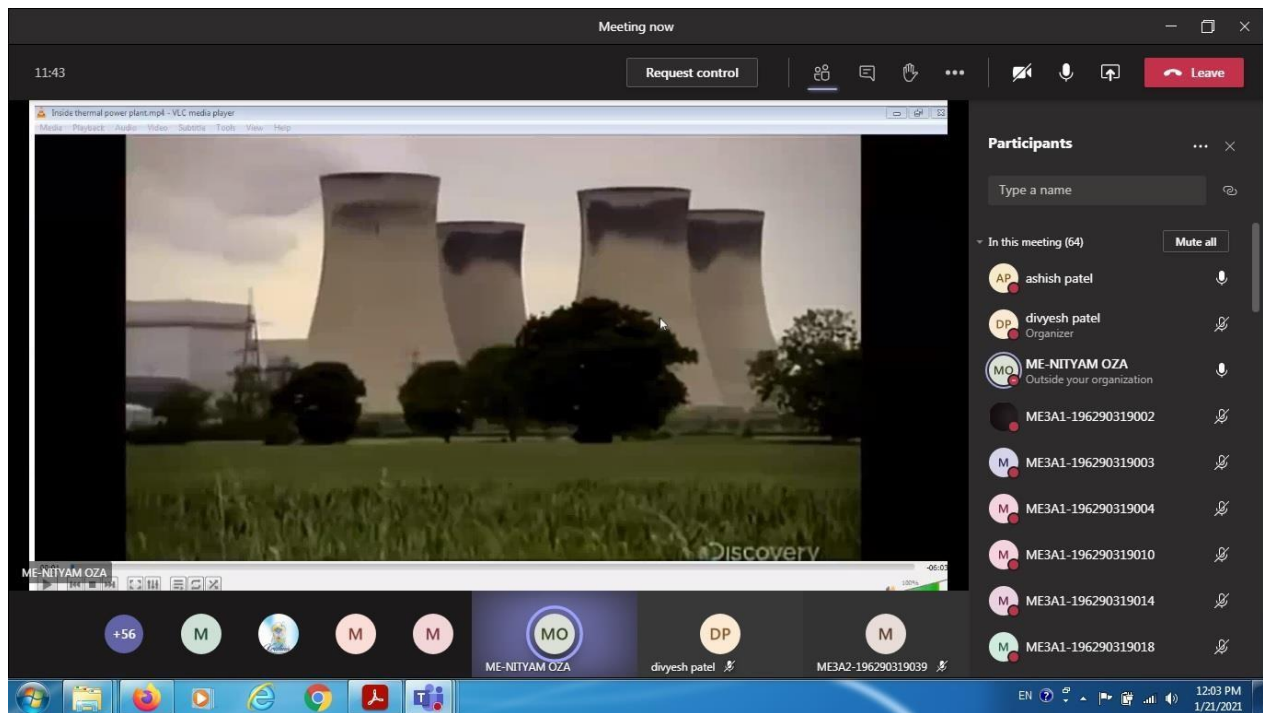


GOVERNMENT POLYTECHNIC VALSAD
MECHANICAL DEPARTMENT



JANUARY: 2021

EXPERT LECTURE



The Department of Mechanical, Government Polytechnic Valsad organized an an expert lecture on “**POWER GENERATION SENARIO IN INDIA**” on **21st January 2021**. Expert lecture was delivered by Mr. Nityam P. Oza Lecturer in Mechanical engineering Government polytechnic Rajkot, for the 4th semester students.

The guest lecture was starts with a short talk by the mechanical Head of the department. shri B. N. Patel.

Speaker of the event, Mr. Nityam P. Oza emphasized on different aspects. India’s

energy sector is one of the most critical components of an infrastructure that affects India's economic growth and therefore is also one of the largest industries in India. India has the 5th largest electricity generating capacity and is the 6th largest energy consumer amounting for around 3.4 % of global energy consumption. India's energy demand has grown at 3.6 % pa over the past 30 years. The consumption of the energy is directly proportional to the progress of manpower with ever growing population, improvement in the living standard of the humanity and industrialization of the developing countries. Very recently smart grid technology can attribute important role in energy scenario. Smart grid refers to electric power system that enhances grid reliability and efficiency by automatically responding to system disturbances. More than 100 students of our department and staff members attended the event.

Mechanical Department

G.P.Valsad