



Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**

Approved by AICTE, New Delhi, DTE, Government of Maharashtra  
And Affiliated to University of Mumbai

## Department of Electrical Engineering

Topic Name:	Energy and Quality Management in Electrical Engineering
Name of the Guest Speaker:	1. Dr. Sanjay M. G 2. Mr. Pramod Daspute 3. Mr. Sunil Pote
Designation:	1. Former Associate Dean, VJTI, Mumbai. 2. Certified Energy Auditor, Mumbai. 3. Dy. City Engr, Thane Municipal Corporation, Thane.
Organization/Institution:	Viva Institute of Technology
Date:	27/12/2019 to 04/01/2020
Time:	12.00 pm Onwards

**Programme Summary/Details:** The Department of Electrical Engineering at VIVA Institute of Technology organized a six-day short-term training program (STTP) on "Energy and Quality Management in Electrical Engineering." The workshop aimed to bring together researchers, students, academic experts, engineers, and scientists from industry and R&D institutes to discuss recent advances in Electrical Engineering. The STTP provided comprehensive coverage of various topics, from fundamentals to advanced applications, including the current energy scenario, the need for energy management, and energy management for sustainable development.

Dr. Sanjay M. G. was one of the invited speakers who spoke about the energy crisis, renewable energy, the need for energy management, and the types of domestic energy audits. He emphasized that coal dominates the energy mix in India, contributing to 55% of the total primary energy production. He also highlighted that economic growth is desirable for developing countries, and energy is essential for economic growth. However, the relationship between economic growth and increased energy demand is not always a straightforward linear one.

Mr. Pramod Daspute delivered a lecture on the need for and process of industrial energy audits, which should be carried out regularly in major industrial enterprises as energy savings can be significant for the company's development.

Dr. Sanjay M. G. also spoke about the types of domestic energy audits, including a home energy audit, which can help determine how much energy a home uses, where it is losing energy, and which problem areas and fixes should be prioritized to make it more efficient and comfortable.

Overall, the STTP provided fundamental knowledge on growing fields of audit and complete knowledge about energy management and the implementation of renewable energy in day-to-day applications.

### **Photos:**

