



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

<b>Topic Name:</b>	Integration of Modern Technologies in Electrical Engineering
<b>Name of the Guest Speaker:</b>	1. Mr. Ram Prasad & Ms. Eshita shikhara 2. Mr. P.N. Prabhu 3. Mr. A.V. Ravi Kiran 4. Mr. Yadnesh Zagade 5. Mr. Nikhil Dhage
<b>Designation:</b>	1. CRG-Embedded Engineer at SMEC Labs 2. Traction Distribution, Indian Railway 3. Centre Head and Electrical Trainer 4. C.E.O., Senior Research & Development Engineer 5. Sr. Engineer (Design & Estimation)
<b>Organization/Institution:</b>	Viva Institute of Technology
<b>Date:</b>	17/12/2018 to 24/12/2018
<b>Time:</b>	10.00 am Onwards

**Programme Summary/Details:** The Department of Electrical Engineering at VIVA Institute of Technology organized a one-week short-term training program on the "Integration of Modern Technologies in Electrical Engineering" with the approval of AICTE-ISTE. The program aimed to introduce the participants to the Industry 4.0 concept, provide basic knowledge of MATLAB, and familiarize them with the challenges in designing low and high-voltage panels and electrical systems for buildings. The program also focused on the basics of electric traction and the integration of renewable energy sources like wind and photovoltaic with energy storage systems.

The workshop featured speakers from both the state government and the reputed private energy sector who provided insights into the latest trends in power electronic technology, research on energy storage systems, and future trends in variable-speed wind turbines. The program was beneficial to the teaching faculty and enabled them to become competent in new and recent technologies.

Overall, the training program was well-organized and provided the participants with an opportunity to learn about the latest advancements in the field of electrical engineering. The workshop would have benefited those looking to integrate modern technologies into their teaching or research work. The topics covered during the training program were relevant and provided insights into emerging trends in the field.

### **Photos:**

