

Lab Name: High Voltage Engineering

Room No: 109
EE Department (NBA Accredited)
A D Patel Institute of Technology
New Vidyanagar
Lab in-charge name :
Prof. Paresh Modha
www.adit.ac.in

Lab Area: Lab Area: 48.32 Sq.m

Lab Introduction:

This lab is used to carry out for experiments of High Voltage Engineering subject. The High Voltage Laboratory at ADIT was designed and constructed in the year 2001-02. Its major facilities are related to the generation and measurements of High voltage AC, DC and Impulses. The laboratory has High voltage DC source (70,000 volts), High voltage AC source (50,000 Vrms), a 1,50,000 volt impulse Generator, insulator tester (30,000 volt), oil testing kit (60,000 volts).

Major Instruments available in lab:

High Voltage Oil Test Kit - 60kV, High Voltage AC Test kit, Sphere Gap Apparatus, Horn Gap Apparatus, High Voltage BDV Tester, and High Voltage Impulse Generator.

Lab Photograph:



**Department of Electrical Engineering (NBA Accredited),
A D Patel Institute of Technology, New Vidyanagar**