

Project title: “Research on methods to improve the safety and save electricity of the low-voltage electrical network at NTU main campus”

❖ **Objectives:**

1. Successfully build feasible methods to improve the safety and save electricity of the low-voltage electrical network at NTU main campus.

❖ **Contents:**

1. Survey on the current situation of the low-voltage electrical network at NTU main campus.
2. Proposing methods to improve the safety and save electricity
3. Testing and implementing the methods for water supply system at the first.
4. Testing and implementing the methods for lecture rooms and management building.
5. Testing and implementing the methods for labs
6. Testing and implementing the methods for outdoor places

❖ **Implementation period:** 5/2009-5/2011

❖ **Implementation person:**

Dr. Tran Tien Phuc, Faculty of Electrical and Electronic Engineering

❖ **Results:**

1. A report of the current situation of the low-voltage electrical network at NTU main campus.
2. Methods to improve the safety and save electricity of the low-voltage electrical network at NTU main campus
3. Two articles published on recognized journal(s)

❖ **Applied places:**

1. NTU main campus