



## **FACULTY MENTOR**

Prab Bandaru

## **PROJECT TITLE**

Thermal Modeling of Nanoscale Materials and Devices

## **PROJECT DESCRIPTION**

Description: Students will be working on measuring the thermal conductivity of nanoscale materials, such as graphene, through a lock-in amplifier based methodology. Students will be exposed to the latest electronic instrumentation, software, devices, and device applications.

This project will be in person.

## **INTERNS NEEDED**

2 Students

## **PREREQUISITES**

1. Background in analog and digital electronics.
2. Computer programming (MATLAB, LabView, etc.)