

**FACULTY MENTOR** Bandaru, Prabhakar (MAE)

**PROJECT TITLE** Synthesis and characterization of defect-free graphene for electronics

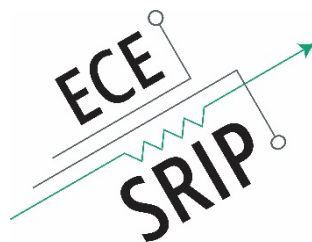
### **PROJECT DESCRIPTION**

Project involves learning chemical vapor deposition, transfer of graphene to various substrates, and subsequent electrical characterization. Would coordinate closely with a senior graduate student.

**INTERNS NEEDED** 1 MS Student

### **PREREQUISITES**

None



**FACULTY MENTOR** Bandaru, Prabhakar (MAE)

**PROJECT TITLE** Electrochemical characterization of 2D materials and transition metal dichalcogenides for photon detectors

### **PROJECT DESCRIPTION**

Project involves learning impedance spectroscopy along with voltammetric and amperometric techniques, on 2D materials. Would coordinate closely with a senior graduate student.

**INTERNS NEEDED** 1 MS Student

### **PREREQUISITES**

None

