**SMART ENERGY MONITORING AND**

**CONTROL SYSTEM FOR RESIDENTIAL APPLICATION**

**COLLEGE OF ENGINEERING**

**MINDANAO STATE UNIVERSITY**

**ILIGAN INSTITUTE OF TECHNOLOGY**

**ILIGAN CITY**

**KARL MARTIN A. ALDUESO**

**JOHN MARK V. BATABAT**

**ELI JOSHUA T. MARAVILLAS**

**GIL MICHAEL E. REGALADO**

**March 2014**