#### بسم الله الرحمن الرحيم

## Sudan University of Seince and Technology College of Engineering School of Electronics Engineering



# Design and Simulation of a Product Recognition Device for Visually Impaired

A Research Submitted in Partial fulfilment for the Requirements of the Degree of B.Sc. (Norwars) in Electronics Engineering

### **Prepared By:**

- 1. Maab Osama Ahmed.
- 2. Ruaa Kamal Jamei.
- 3. Safaa Taha Eltayb

### **Supervisor:**

Dr. Khalefa Eltayb.

October 2015