**University of Salahaddin**

**College of Science**

**Department of Physics**

**General Physics**

**“Solar Energy Systems and Possibility for Application in Heating and Cooling”**

Prepared by:

**Shara S. Jabbar**

**Habiba J. Sleman**

**Kalsum A. Abdulrahman**

Supervised by:

**Dr. Hassan Sadi Ibrahim**

**Newroz 2722 March 2022**