



## **Educational Objectives of the Department of New and Renewable Energy**

### **1- Developing graduates' skills and enhancing their readiness for the labor market**

The department aims to equip students with the knowledge and skills necessary to be globally competitive by improving their scientific and practical capabilities in all areas related to new and renewable energy sources.

### **2- Conducting advanced scientific research in the field of energy and renewable energy**

The department seeks to produce high-quality research focused on utilizing local resources to develop renewable energy technologies, thereby contributing to environmental and economic sustainability.

### **3- Supporting the community and governmental institutions in addressing energy challenges**

The department provides consultations and effective solutions to various entities with the goal of enhancing energy efficiency and improving the performance of energy systems across institutions.

### **4- Promoting the principles of sustainable development**

By employing new and renewable resources for energy generation, the department strives to reduce dependence on fossil fuels, thus contributing to environmental protection and the promotion of a green economy.

### **5- Developing students' technical and ethical skills**

The department is committed to preparing graduates with advanced technical competencies in renewable energy, along with strong ethical and professional standards that enhance their role in society.

### **6- Integrating artificial intelligence and nanotechnology into the energy sector**



The department aims to leverage modern technologies—such as artificial intelligence and nanotechnology—to improve the performance and efficiency of renewable energy resources, contributing to a scientific revolution in this field.

