



**UNIVERSITY WITH POTENTIAL FOR EXCELLENCE  
IN  
BIOMEDICAL ENGINEERING AND INSTRUMENTATION**



*Funded by  
UGC*

**AI Based Opto Electronics and Medical Imaging Platform**

Name of the Software : **Iris Recognition System**

Description : 1. Iris recognition is an automated method of biometric identification that uses mathematical pattern-recognition techniques on video images of one or both of the irises of an individual's eyes.

2. Iris recognition uses video camera technology with subtle near infrared illumination to acquire images of the detail-rich, intricate structures of the iris which are visible externally.

3. Digital templates encoded from these patterns by mathematical and statistical algorithms allow the identification of an individual or someone pretending to be that individual.

Stock Entry : UPE - OEI Non Consumable Stock Register - Page. No: 12

Utilization : Research and Product developers from among Indian Universities, National Institutions, National R&D labs and Industries.