Assignment 2 (Iris Recognition System)

Develop a Compressed Sensing based Iris Recognition system using the following:

1. Pre-processing
2. Feature Extraction
3. Formation of Dictionary
4. Finding Sparse vector using basis pursuits
5. Matching

Pre-processing Comprises Iris Detection using Canny edge algorithm, Enhancement using Gamma Correction, Iris localization using Hough Transform and Normalization

Iris images may be downloaded from CASIA database.

Last date to submit the assignment: 12th March 2022