# **CS385 Computer Vision**

# **Lab-8: Eigen Faces for Recognition**

# **100 points**

**Task :**

1. Principal Component Analysis (PCA) is a very popular facial recognition method First task is to experiment with the PCA method with the given dataset and record results of recognition using this method. **(30 Points)**

(2) For this second part assignment you will analyze using AI21b dataset **(40 points)**

(3) Create a live interface from PC to capture your face and analyse the detection rate using the model from Task2.

**(30 points)**

**Submission:**

Demonstrate your work . Also submit as a single file the code and results.

<https://u.pcloud.com/#page=puplink&code=gpvkZxiiLkQOjtVzufdM74wB28jltn69X>