

## AI61003: Submission Guidelines for Program Assignment 1:

A .zip file containing the python source code and a PDF report file. The final name should follow the template: <Assign-No>\_<Your Roll No>.zip. For example, if your roll no is 15CE30021, the filename for Prog Asgn-1 will be: [ProgAsgn-1\\_15ce30021.zip](#)

1. A **single python code (.py)** containing the implementations of the models and experiments with comments at function level. The first two lines should **contain your name and roll no**.
2. A report [PDF] containing : (5+5+5+5+5)  
**Q1:** Face recognition: Performance on the Test dataset  
**Q2:** Face recognition: Sample results and the performance accuracy with 80% and 50% variances.  
**Q3:** Face reconstruction: Sample results and the performance accuracy with 80% and 50% variances.  
**Q4:** Noise suppression: Comparison of results of no noisy case and noisy case for standard deviation 0.1.  
**Q5:** Noise suppression: Sample results of noisy case for standard deviation 0.05, 0.1, and 0.2.

**Responsible TAs:** Please write to the following TA for any doubt or clarification regarding Programming Assignment 1.

Raj Kishore - [rajkishore@kgpian.iitkgp.ac.in](mailto:rajkishore@kgpian.iitkgp.ac.in)

**Deadline:** The deadline for submission is **4th September (Friday), 11:55 PM, IST**. Irrespective of the time in your device, once submission in moodle is closed, no request for submission post-deadline will be entertained. No email submission will be considered. So, it is suggested that you start submitting the solution at least one hour before the deadline.

Plagiarism policy: Binary marking (two parties)