EC60091: Machine Intelligence and Expert Systems

Autumn Semester (2018-2019)

**Assignment: 7**

**Genetic Algorithm**

1. Given a target string, the goal is to produce target string starting from random strings of the same length. Characters A-Z, a-z, 0-9 and other special symbols are considered as genes.

A string generated by these characters is considered as chromosome/solution. Initial population of solution space consider as 100.

Apply the genetic algorithm on the initial random population and show result for last 40 iteration.

Target String is <Your Name and Roll No>.

Submit your executable code (.py file) and a snippet of the result in a zipped folder.