Synopsis

TITLE OF PROJECT

Artificial Evolution of Artificial Ant using Artificial Intelligence.

PROJECT DESCRIPTION

Single Ant Interaction and Evolution: In our artificial environment, there is a single ant. The ant's motive is to eat food which is present in the environment.

PROJECT CATEGORY

Artificial Intelligence

WORK ON

- Python
- Jupyter Notebook
- Artificial Neural Networks
- Genetic Algorithm
- Machine Learning

PROJECT IDEA

Nature is stuffed with miracles, just a touch genetic shift can promote the inception of a replacement species. During this era of AI, we are keen to duplicate it on artificial species to thrive in their artificial environment. Ant may be small yet possess a number of the foremost complex behaviour in ants with the assistance of computing. Algorithms used for artificial earth:

1. Genetic Algorithm
2. Artificial Neural Network

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B.TECH CSE 8th SEMESTER