

Experiment No. 2

Date :

* Title - Assignment on State space Formulation and PEAS representation for various AI applications.

* PEAS Document -

PEAS stands for Performance measure, Environment, Actuators, and Sensors, which is a model used to describe intelligent systems.

- AI Application - Smart Invigilator

- 1) Performance measure -

The smart invigilator's goal is to ensure the integrity of exams and enforce the rules.

- 2) Environment -

The environment includes the exam room, the students, and any other relevant variables.

- 3) Actuators -

The smart invigilator can perform the actions to achieve its goal, such as monitoring students, detecting cheating and alerting authorities.

- 4) Sensors -

The sensors are the inputs the smart invigilator receives from the environment, such as audio, visual, and other data sources, which it uses to make decisions and take actions.

* Conclusion - Thus we studied the implementation of PEAS representation for various AI applications.