

Collaborative Learning

Academic Year 2021-2022 Even Semester

Degree, Semester & Branch: VI Semester B.TECH-IT

Course Code & Title: JIT1602 Artificial Intelligence

Type of Activity: Learning through Mind map, Recap

Topic: Typical Intelligent Agents, Revision of Unit I

Objectives:

O1: To familiarize the students to learn typical Intelligent agents.

O2: To make the students to elucidate the characteristics of intelligent agents.

Description:

A mind map is a graphical way to represent ideas and concepts. It is a visual thinking tool that helps structuring information. It is often created around a single concept, drawn as an image in the center of a blank page, to which associated representations of ideas such as images, words and parts of words are added. Recap is short for recapitulation or briefly going over what has already been said.

Justification for choosing the particular topic:

The topic "Typical Intelligent Agent" is more important concept in the introduction of agents. Hence this activity will help the students to identify the theoretical concepts into picture and also helps to easy remembrance for their examination. The revision of the unit boosts the confidence of students.

Mind Map Activity:

- Instructor explained the particular concepts/topic in classroom within 30 minutes
- Based on the discussion and after clarifying the doubts raised by the students, the teacher asked the students to draw a mind map related to the topic within 15 minutes.
- Each student drawn a mind map based on their understanding level of the particular topic.
- Instructor collected the sheets from the students and the next class teacher appreciated the good mind map from students and gave 10 minutes time to explain whatever they drawn in their paper. Other students in the class listened the discussion
- This helped the students to recall the topic discussed on the particular day, generate the new idea about the topic and they easily answered the questions from this topic.

Recap Activity:

- The activity was conducted in the revision hour. Instead of revise the concepts by the instructor; the activity involved the students to revise the unit.
- Recap activity included choose the correct answers and short questions.
- The ppt was shown in the class room with animated slides. At a time one question was displayed. After a minute register number of a student was displayed.
- The corresponding register number student gave the answer for the question.

Reflective critique

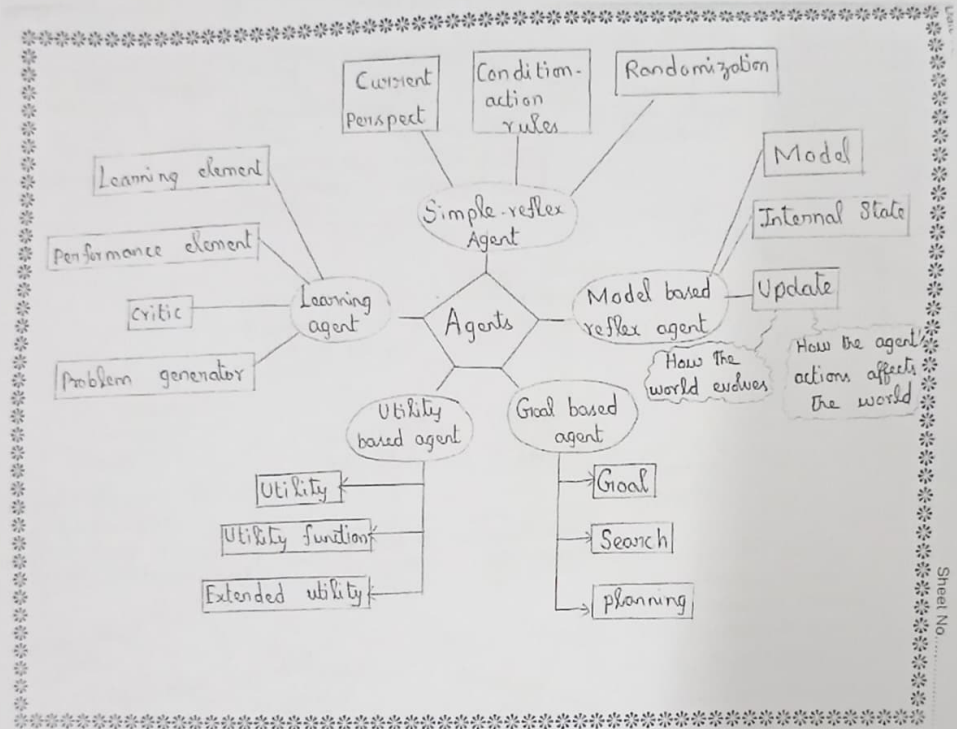
Challenges:

- Some of the students represent very less key points in the mind map
- Appearance of the mind map was not clearly represented.

Steps taken to address the challenges:

- Explained the uses of mind maps for topic and asked the students to represent all key points.
- Course Instructor advised the students to use mind map while preparing for the examination instead of reading the entire content

Sample Mind Maps:



ARTIFICIAL INTELLIGENCE

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