



Department of Artificial Intelligence and Data Science

Academic Year 2023 – 2024 (Odd Semester)

Degree, Semester & Branch: B. Tech, V & Artificial Intelligence and Data Science

Course Code & Title: AD3501 & Deep Learning

Name of the Faculty member (s): Mrs. B. Revathi

Innovative Practice Description

- **Unit / Topic:** Unit I / Deep Neural Network-Machine Learning Basics

- **Course Outcome:** CO 1

- **Topic Learning Outcome:** TLO1,2

- **Activity Chosen:** Visible Quiz

- **Justification:**

The Concepts related to Deep Network, a visible quiz activity was carried out to gauge the student's level of understanding.

- **Time Allotted for the Activity:** 15 Minutes

- **Details of the Implementation:**

1. Initially, 20 questions covering the important topic in machine learning basics was taken and prepared in a power point presentation.
2. The students were split into a group of five members (class strength: 62). 12 groups were formed and each member of the group were given with a card containing A, B, C, D.
3. Each group was provided with a paper to write down the answer for each question.
4. Once the question is displayed one by one. The group member should raise the correct option card for the question.
5. The other member will write the team answer in the paper given. Finally, the paper was interchanged with the group and discussed the correct answers.

- **CO – PO / PSO mapping:**

CO	PO1	PO6	PO9	PO10
CO1	3	3	1	2

(1 – Low 2 – Moderate 3 – High)

- **PO / PSO mapped:**

Innovative practice	PO1	PO6	PO9	PO10
Justification for correlation	Apply the basic concepts of Machine Learning	Understand the importance of Libraries while providing solutions for	Understanding the impact of team work while providing solutions for	Communicate effectively by providing questions to share their

		Machine Learning preparedness	Machine Learning basics	conversations
--	--	-------------------------------	-------------------------	---------------

- **Images / Screenshot of the practice:**



- **Reflective Critique:**

- ❖ **Feedback of practice from students and other stakeholders:**

The students felt easy to remember and recollect the concepts involved in the given topic which will make them to attend the questions.

- ❖ **Benefit of the practice:** (E.g.: Outcome attainment would have increased due to innovative practice over conventional practice)

- ❖ This activity helped to quickly recap the important fundamental knowledge about Machine Learning Basics.

- ❖ Visible quiz is a team-based activity which supports collaborative learning through which the concepts will be made clear.

References:

1. <https://tophat.com/blog/active-learning-any-modality/>
2. <https://uploads.provost.vcu.edu/ctle/activeoptions.pdf>