Course Outcomes & CO-PO-PSO Mapping and Justification

Subject	Machine Learning Lab	17CSL76
COURSE OUTCOMES:		
CO No.	**On completion of this course, students will be able to:**	**Cognitive Level**
17CSL76.1	Demonstrate simple algorithms for most specific hypothesis.	L2 Understand
17CSL76.2	Design and implement the various classification algorithms.	L6 Design
17CSL76.3	Design and implement the algorithms for Regression, Bayesian Belief Network and Artificial Neural Network.	L6 Design
17CSL76.4	Design and implement the various clustering algorithms.	L6 Design

CO-PO-PSO MAPPING

CO No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO 11	PO 12	PSO1	PSO2	PSO3
17CSL76.1	2	1	1	-	1	-	-	-	-	-	-	1	2	-	-
17CSL76.2	2	2	1	-	1	-	-	-	-	-	-	1	2	-	-
17CSL76.3	2	2	1	-	1	-	-	-	-	-	-	1	2	-	-
17CSL76.4	2	2	1	-	1	-	-	-	-	-	-	1	2	-	-
17CSL76	**2.0**	**1.75**	**1.0**	-	**1.0**	**-**	**-**	**-**	**-**	**-**	**-**	**1.0**	**2.0**	**-**	**-**

CO-PO-PSO JUSTIFICATION

CO No.	PO/PSO	CL	Justification
17CSL76.1	PO1	2	Knowledge of various machine learning approaches involves moderately in solving complex engineering problems.
	PO2	1	Principles of mathematics and engineering sciences are used slightly in various aspects of machine learning approaches.
	PO3	1	Slightly mapped as students use the knowledge of hypothesis concepts to design and develop solutions for complex engineering problems.
	PO5	1	Slightly mapped as students use hypothesis concepts to design and conduct experiments to provide valid conclusions.
	PO12	1	Slightly mapped as students will become aware of the need for lifelong learning and the continued upgrading of technical knowledge.
	PSO1	2	Moderately mapped as students develop their own application software's.
17CSL67.2	PO1	2	Knowledge of classifier models applications helps moderately in solving complex engineering problems.
	PO2	2	Principles of mathematics and engineering sciences are used moderately in various aspects of classifier models.
	PO3	1	Slightly mapped as students use the Knowledge of classifier models to design and develop solutions for complex engineering problems.
	PO5	1	Slightly mapped as students use various classifier models knowledge to design and conduct experiments to provide valid conclusions.
	PO12	1	Slightly mapped as students will become aware of the need for lifelong learning and the continued upgrading of technical knowledge.
	PSO1	2	Moderately mapped as students develop their own application software's using clustering knowledge.
17CSL67.3	PO1	2	Knowledge of classifier models applications helps moderately in solving complex engineering problems.
	PO2	2	Principles of mathematics and engineering sciences are used moderately in various aspects of classifier models.
	PO3	1	Slightly mapped as students use the Knowledge of classifier models to design and develop solutions for complex engineering problems.

	PO5	1	Slightly mapped as students use various classifier models knowledge to design and conduct experiments to provide valid conclusions.
	PO12	1	Slightly mapped as students will become aware of the need for lifelong learning and the continued upgrading of technical knowledge.
	PSO1	2	Moderately mapped as students develop their own application software's using clustering knowledge.
17CSL67.4	PO1	2	Moderately maps as students learn different clustering algorithms.
	PO2	2	Moderately mapped as students will use clustering knowledge to solve complex engineering problems.
	PO3	1	Slightly mapped as students design and develop solutions for complex engineering problems using clustering algorithms.
	PO5	1	Slightly mapped as students can use the clustering algorithms to conduct experiments in real life problems to provide valid conclusions.
	PO12	1	Slightly mapped as students will become aware of the need for lifelong learning and the continued upgrading of technical knowledge.
	PSO1	2	Moderately mapped as students develop their own application software's using clustering knowledge.

Prepared by **HoD**

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