

TECNIA INSTITUTE OF ADVANCED STUDIES

Grade 'A' Institute

Department of Information, Communication & Technology

Master Of Computer Applications (MCA)

Scheme and Syllabus (w.e.f. Academic Session 2020-21 onwards)

Course Code: MCA-263

Course Name: Artificial Intelligence and Machine Learning Lab.

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LEARNING OBJECTIVES

In this course, the learners will be able to develop working expertise of implementation and expressing the algorithmic solutions using programming languages.

COURSE OUTCOMES (COs)

After completion of this course, the learners will be able to:

CO#	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Apply heuristic search-based algorithms to solve different puzzles.	BTL3	PO1, PO2, PO3, PO5
CO2	Identify reduction techniques on large datasets and reduce their dimensionality.	BTL3	PO1, PO2, PO3, PO4, PO5
CO3	Analyze the datasets for bias and apply appropriate regression techniques.	BTL4	PO1, PO2, PO3, PO4, PO5, PO6, PO10
CO4	Evaluate the learning techniques for classification.	BTL5	PO1, PO2, PO3, PO4, PO5, PO6, PO10
CO5	Implement the knowledge of inferences rules to design the knowledge base.	BTL6	PO1, PO2, PO3, PO4, PO5, PO6, PO10
CO6	Create a domain specific intelligent application.	BTL6	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9, PO11, PO12