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-215 **L T C**
Course Name: Software Project Management **3 1 4**

LEARNING OBJECTIVES

In this course, the learners will be able to develop expertise related to the following: -

1. Effective management of software projects.

2. Tools and techniques used for project management.

3. The model-based software architectures.

4. Workflows of the process of Software project Management.

PRE-REQUISITES

1. Software Engineering Concepts

2. Academic Projects

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	Illustrate project scheduling within time and budget	BTL2	PO1, PO2, PO3, PO5
CO2	Identify ethical issues related to software project management.	BTL3	PO1, PO2, PO3
CO3	Apply the model-based software architectures.	BTL3	PO1, PO2, PO3, PO4, PO5
CO4	Analyse how a project can be monitored, controlled and assessed.	BTL4	PO1, PO2, PO3, PO4, PO5, PO6, PO10
CO5	Evaluate risk associated with project development, and design policies to reduce risk.	BTL5	PO1, PO2, PO3, PO4, PO5, PO6, PO8, PO9, PO10
CO6	Develop an efficient project to reduce rework and labour-intensiveness.	BTL6	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11, PO12