

TECNIA INSTITUTE OF ADVANCED STUDIES
Grade 'A' Institute
Department of Information, Communication & Technology
Bachelor of Computer Applications (BCA)
Scheme and Syllabus (w.e.f. AS 2021-22)

COURSE CODE: BCA 274

COURSE NAME: PRACTICAL-IX SE LAB

LEARNING OBJECTIVES:

Students will be capable to acquire the generic software development skill through various stages of software life cycle. Students will also be able to ensure the quality of software through software development with various protocol based environment. After completion of course student will be able to prepare SRS, analysis the requirement, design the requirements and generate test cases to test the project. Students will also be able to handle software development models through rational method. Rational Rose Enterprise Edition software is used to serve the objectives.

PRE-REQUISITES: None

COURSE OUTCOMES (COs):

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

CO #	Detailed Statement of the CO
CO1	To apply the software engineering lifecycle by demonstrating competence in communication, planning, analysis, design, construction, and deployment.
CO2	Demonstrate an understanding of and apply current theories, models, and Techniques that provide a basis for the software lifecycle.
CO3	Analyzing and developing a software product along with its complete documentation.
CO4	Work as an individual and as part of a multidisciplinary team to develop and deliver Quality software in one or more significant application domains.
CO5	Demonstrate an ability to use the techniques and tools necessary for engineering practice