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: BCAT 315

COURSE NAME: WEB DEVELOPMENT WITH JAVA & JSP

LEARNING OBJECTIVES:

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

1. Learn Web development using Java. Understand the basics of J2EE and Web development.

2. Understand and implement Servlet

3. Creating and implementing JDBC application.

4. Implement JSP and JSF concepts.

5. Understand the fundamentals of Hibernate, Struts and springs.

PRE-REQUISITES:

1. Programming Knowledge of Java
2. HTML

COURSE OUTCOMES (COs):

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

CO#	Detailed Statement of the CO
CO1	Understand the concept of HTML, CSS and Java Script.
CO2	Understand J2EE architecture, web application structure and web architecture models.
CO3	Creating and configuring Servlets.
CO4	Understand JDBC architecture and design database applications using JDBC.
CO5	Design applications using JSP and JSF.
CO6	Elaborate the functional programming concepts of Hibernate, Struts and springs.