TECNIA INSTITUTE OF ADVANCED STUDIES
NAAC Accredited Grade 'A' Institute

Department of Information, Communication & Technology
BACHELOR OF COMPUTER APPLICATIONS - BCA

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-: Choice Based Credit System (CBCS):-

The CBCS provides an opportunity for the students to choose courses from the prescribed courses comprising core, elective/minor or skill based courses.

Types of courses in Choice Based Credit System (CBCS)

1.1 Core Course:
A course, which should compulsorily be studied by a candidate as a core requirement is termed as a Core course.

1.2 Elective Course:
Generally a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/ subject of study or which provides an extended scope or which enables an exposure to some other discipline/subject/domain or nurtures the candidate's proficiency/skill is called an Elective Course.

(a) **Discipline Specific Elective (DSE) Course:** Elective courses offered by the main discipline/subject of study are referred to as Discipline Specific Electives.

(b) **Project work/Dissertation:** is considered as a special course involving application of knowledge in solving / analyzing /exploring a real life situation / difficult problem. A candidate studies such a course on his own with an advisory support by a teacher/faculty member. The work done will have to be submitted in writing as a dissertation.

(c) **Generic Elective (GE) Course:** Elective courses that are generic or interdisciplinary by nature chosen from an unrelated discipline/ subject with an intention to seek exposure beyond discipline/s of choice are called Generic Electives. Students will have to choose one elective each in the first four semesters from the lists GE1 to GE4 given in this syllabus.

1.3 Ability Enhancement Courses (AEC):

The Ability Enhancement (AE) Courses are the course that leads to Knowledge enhancement. These are of two types.

(a) **AE Compulsory Course (AECC):** Environmental Studies, English Communication / Modern Indian Language (MIL) Communication.

(b) **AE Elective Course (AEEC):** AEEC courses are value-based and/or skill-based and are aimed at providing hands-on-training, competencies, skills, etc. These courses are to be chosen from a pool of courses designed to provide value-based and/or skill-based instruction.

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