

2024-2025 S5 ICT Module D -Teaching Syllabus

**B Computer System Fundamentals**

Input and Output Devices

Computer Hardware

Computer Software

**Elective C**

Algorithm Design and Basics Of Python Programs

Program Testing and Debugging (II)

Advanced Control Structure

Sub-programs

Data Structure

Searching and Sorting

Handling of Text Files

Application of Programming in Real Life

**Elective A**

Managing Data Using SQL

SQL Operators and Functions

SQL operations Between Tables

Relational Database

Database Design and ER Diagram

SBA