



Department of Computer Science
FAZL ALI COLLEGE
MOKOKCHUNG: NAGALAND

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Programme Outcomes, Programme Specific Outcomes and Course Outcomes

The new CBCS curriculum of B.Sc. (General) Computer Science offers to develop theoretical foundations in computer science to build computational thinking, analytical, and problem-solving skills. The programme builds a base for entry level jobs in information technology and prepares the students for higher studies in the area of Computer Science/Applications.

Programme Outcomes – Computer Science (General)

- PO1. Improve their computer literacy, their basic understanding of operative systems and a working knowledge of software commonly used in academic and professional environments.
- PO2. Develop criteria to organize and present different type of works in academic and professional environments.
- PO3. Learn how to organize information efficiently in the forms of outlines, charts, etc. by using appropriate software.
- PO4. Develop the skills to present ideas effectively and efficiently.
- PO5. Do Academic and Professional Presentations - Designing and delivering effective presentations and developing the various IT skills to the electronic databases.
- PO6. Solve the problems (programming networking database and Web design) in the Information Technology environment.
- PO7. Design and implement a web page.

Programme Specific Outcomes for B.Sc. (Computer Science)

- PSO1. Apply fundamental principles and methods of Computer Science to a wide range of applications.
- PSO2. Design, correctly implement and document solutions to significant computational problems.
- PSO3. Impart an understanding of the basics of Computer Science discipline.
- PSO4. Prepare for continued professional development.
- PSO5. Develop proficiency in the practice of computing.

Course Outcome for B.Sc. (Computer Science)

Course Outcomes

Paper No/ CO	Paper Title
DSC(CSC)-1A /G(CSC)-1	Computer Fundamentals
CO1	Introduction to Components of a Computer System
CO2	Describe Windows Operating System
CO3	Word Processor using MS Word and making PowerPoint Presentation
CO4	Creating Worksheets using MS Excel
CO5	Understanding WWW and the various components of Internet
Paper No/ CO	Paper Title
DSC(CSC)-1B /G(CSC)-2	Database Management Systems
CO1	Describe the fundamentals of File processing and database processing system.
CO2	Explain the various data model and its application
CO3	Understanding the concept of RDBMS, Relational Algebra and Joins
CO4	Explain the various normal forms and its role in DBMS.
CO5	Explain the fundamental concepts of SQL programs.
Paper No/ CO	Paper Title
DSC(CSC)-1C /G(CSC)-3	Web Design using HTML
CO1	Describe the concepts of markup languages, different types of lists, table, formatting, linking and frames.
CO2	Inserting various Medias (image, audio, video) in a Webpage and Div tags
CO3	Explain how to create Tables and Forms
CO4	Discuss about the creation of cascading style sheets
CO5	Explain JavaScript Fundamentals
Paper No/ CO	Paper Title
DSC(CSC)-1D /G(CSC)-4	PHP Programming
CO1	Describe the of scope of PHP. Basic Syntax, PHP variables and constants Types of data in PHP, tools and software requirements
CO2	Discuss how to Capture Form Data, GET and POST form methods
CO3	PHP conditional events and Loops
CO4	Understanding Functions and its arguments
CO5	String Manipulation and Exception handling

Paper No/ CO	Paper Title
SEC-1	Android Programming
CO1	Introduction to Android Operating Systems, Development Tools and Android Architecture.
CO2	Overview of object-oriented programming using Java
CO3	Installing Virtual machine for Android sandwich/Jelly bean (Emulator) and creating Android Project
CO4	Understanding User Interface Architecture
CO5	Understanding of SQLite database, connecting with the database
Paper No/ CO	Paper Title
SEC-2	Oracle (PL/SQL)
CO1	Introduction to PL/SQL Architecture
CO2	Overview of Using SQL in PL/SQL
CO3	Explain Control Structures and Exception Handling
CO4	Understanding Procedures and Functions
CO5	Understanding Cursors and Triggers

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