Core Computer Science Subjects

Semester – 1

Introduction to HTML,CSS and Java Script, Shell Scripting, Computer Hardware and Software (GK of CS field) , Electronics (Integrated Circuits, Sequential Circuits), C Programming, C++ Introduction

Semester - 2

Intro to OOPS through C++ Applications, Java, PHP, Computer Organization, Data Structures Using C and C++, Electronics (Transistors)

Semester – 3

Java Script Frameworks (NodeJS, ReacctJS, Angular JS), Python, Algorithms, Database Management Systems, Object Oriented Analysis and Design

Semester – 4

Python Based Web Frameworks (Django, Flask), R – Programming, Compiler Design, Theory of Computations, Operating Systems, Networking

From 5 -8 Semesters

IoT, AI, ML, Deep Learning, Neural Networks, Cloud Computing, Data Warehousing, Data Mining, Software Engineering, Design Patterns, Blockchain , Robotics, Engineering Drawing

Common Courses:

Android with Java/kotlin, flask.

Mathematics, - Discrete Maths, Integrations, Fourier series and transforms, laplace and z transforms, differential equations, probability, statistics, random variables, matrices,

Business Communication Skills, Management Skills, Supply chain management, HR management.

Some Databases - MongoDB, MYSQL, Postgresql (Django).

Physics and Chemistry – Some College follows this.