

Graphic Era University – Course Scheme of Btech(CSE) with Specialization in Cloud Computing(in association with IBM)

Semester 1

Subject
Professional Communication
Engineering Physics
Engineering Mathematics-1
Basic Electrical Engineering
Fundamentals of Computers & Introduction of 'C' Programming
Health Leaving & Fitness
Digital Workforce Skills

Semester 2

Subject
Advanced Professional Communication
Engineering Chemistry
Engineering Mathematics-II
Basic Electronics Engineering
Engineering Mechanics
Programming in C
Environmental Science
Changing Business with data Insight (Watson Analytics)

Semester 3

Subject
Logic Design
Data Structures with C
Programming using Python
Data Base Management System
Discrete Mathematical structures
Cloud Computing

Semester 4

Subject
Computer Based Numerical And Statistical Technique
Finite Automata and Formal Languages
Software Engineering
Computer Organisation
Java Programming Language
Cloud Application Development

Semester 5

Subject
Hadoop Fundamentals
Operating Systems
Virtualization & Cloud Computing
Design and Analysis of Algorithm
Artificial Intelligence
Mobile Application Development

Semester 6

Subject
Compiler Design
Micro Processor
Computer Networks-I
Full Stack Development
DevOps On Cloud
Application Security
Project GRM

Semester 7

Subject
Block Chain
Computer Networks-II
Advanced Computer Architecture
Elective-1
Future Of Cloud Computing

Semester 8

Subject
Distributed System
Service Oriented Cloud Architecture
Elective-II
Project Work