Graphic Era University – Course Scheme of BTech(CSE) with Specialization in Data Science & AI(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
Programing in C
Environmental Sicence
Changing Buisness with data Insight (Watson Analystics)

Semester 3

Subject
Logic Design
Data Structures with C
Progimming using Python
Data Base Management System
Discrete Mathematical structures
Data Science Fundamentals

Semester 4

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

Semester 5

Subject
Hadoop Fundamentals
Operating Systems
Virtualization & Cloud Computing
Design and Analysis of Algorithm
Data Science
Scala programming for Data Science

Semester 6

Subject
Compiler Design
Micro Processor
Computer Networks-I
Full Stack Development
DevOps On Cloud
Spark Fundamentals
Artificial Intelegence
Project GRM

Semester 7

Subject
Block Chain
Computer Networks-II
Advanced Compuer Architecture
Elective-1
Data Science - Applications

Semester 8

Subject
Ditributed System
Buiseness Inteligence
Elective-II
Project Work