

BCA Cloud Computing Batch 2025 - 26

Semester	Course Type	Course Title	Credits
I	DSC	C Programming	4
I	DSC	C Programming Practical	2
I	DSC	Principles of Operating System and Linux Administration	4
I	DSC	Principles of Operating System and Linux Administration Practical	2
I	DSC	Foundation of Discrete Mathematics	4
I		Digital Engineering	
II	DSC	Data Structures	3
II	DSC	Data Structures Practical	1
II	DSC	Python Programming	3
II	DSC	Python Programming Practical	1
II	DSC	Cloud Computing Fundamentals	3
II	DSC -CC	Cloud Foundations	2
II	MDC	Multidisciplinary Course	3
II	SEC	Web Development Workflow	3
III	DSC	Oops with Java	3
III	DSC	Oops with Java Practical	1
III	DSC	Cloud Infrastructure	3
III	DSC	Cloud Infrastructure Practical	1
III	DSC	Data Communication Networks	3
III	SEC	NPTEL	3
III	MDC	Multidisciplinary Course	3
III	VAC	Value-Added Course (VAC)	2
IV	DSC	Relational Database Management System	3
IV	DSC	Relational Database Management System Practical	1
IV	DSC	Essentials of Virtualization	3
IV	DSC	Essentials of Virtualization Practical	1
IV	DSC	Information Storage Management System	3
IV	DSC-CC	Domain Specific certificate	2
IV	DSC-MP	Minor Project-I	2
IV	SEC	Domain Specific certificate	3
IV	MDC	Multidisciplinary Course	3
IV	VAC	Value-Added Course (VAC)	2
V	DSC	Cloud Security and Audit	4
V	DSC	Cloud Security and Audit Practical	2
V	DSC	Cloud Architecture	4
V	DSC	Cloud Architecture Practical	2
V	DSC	Research Methodology	4
V	DSC	High Performance Computing	4
V		Minor Project-II	2
V	DSC MP	Internship	2

Semester	Course Type	Course Title	Credits
VI	DSC	Introduction to DevOps	4
VI	DSC	Introduction to DevOps Practical	2
VI	DSC	Machine Learning on Cloud	4
VI	DSC	Machine Learning on Cloud Practical	2
VI	DSC	Software Engineering [BCA Cloud, BCA IoT,B.Sc Data Science]	4
VI	DSC	Domain Specific certificate	2
VI	DSC CC	Project	4