

**BCA Analytics
Batch 2025 - 26**

Semester	Course Title	Course Type	Credits
I	C Programming	DSC	4
I	C Programming Practical	DSC	2
I	Relational Database Management System	DSC	4
I	Relational Database Management System Practical	DSC	2
I	Computing and Programming Fundamentals	DSC	4
I	C Programming		
II	Data Structures	DSC	3
II	Data Structures Practical	DSC	1
II	Python Programming	DSC	3
II	Python Programming Practical	DSC	1
II	Computational Mathematics	DSC	3
II	MongoDB Database Admin Path	DSC -CC	2
II	Multidisciplinary Course	MDC	3
II	Web Development Workflow	SEC	3
III	Oops using Java	DSC	3
III	Oops using Java Practical	DSC	1
III	Operating System and Linux	DSC	3
III	Operating System and Linux Practical	DSC	1
III	Probability and Statistics	DSC	3
III	NPTEL	SEC	3
III	Multidisciplinary Course	MDC	3
III	Value-Added Course (VAC)	VAC	2
IV	Software Engineering	DSC	3
IV	Software Engineering Project	DSC	1
IV	Data Warehousing and Data Mining	DSC	3
IV	Data Warehousing and Data Mining Practical	DSC	1
IV	Computer Networks	DSC	3
IV	Domain Specific certificate	DSC-CC	2
IV	Minor Project-I	DSC-MP	2
IV	Skill Enhancement Course	SEC	3
IV	Multidisciplinary Course	MDC	3
IV	Value-Added Course (VAC)	VAC	2
V	Full Stack Development	DSC	4
V	Full Stack Development Practical	DSC	2
V	Qlik/Celonis course I – Business Intelligence	DSC	4
V	Qlik/Celonis course I – Business Intelligence practical	DSC	2
V	Research Methodology	DSC	4
V	Cloud Analytics	DSC	4
V	Minor Project-II	DSC MP	2
V	Internship		2
VI	Natural Language Processing	DSC	4

Semester	Course Title	Course Type	Credits
VI	Natural Language Processing Practical	DSC	2
VI	Qlik/Celonis course II	DSC	4
VI	Qlik/Celonis course II practical	DSC	2
VI	Statistical Analysis Using SPSS	DSC	4
VI	Domain Specific certificate	DSC CC	2
VI	Project Capstone	DSE	4