Syllabus

First Semester

SL NO	SUBJECT CODE	SUBJECTS
1	051ENG041	English-1
2	051KAN041	MIL-1
3	051BCA011	Introduction to Algorithms
4	051BCA012	Algorithms LAB
5	051BCA013	Introduction to Linux
6	051BCA014	Linux LAB
7	051BCA051	Statistical Data Analysis using SPSS
8	051BCA061	Fundamentals of Digital Logic [SEC]

Second Semester

SL NO	SUBJECT CODE	SUBJECTS
1	-	English-2
2	-	MIL-2
3	BCA-2.1	Data Structures
4	BCA-2.2	Data Structures LAB
5	BCA-2.3	Discrete Mathematical Structure

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5	BCA-2.3	Discrete Mathematical Structure
6	BCA-2.4	DMS LAB
7	BCA-2.5	Introduction to Financial Accounting using Tally

Third Semester

SL NO	SUBJECT CODE	SUBJECTS
1	053BCA011	Database Management
2	053BCA012	DBMS Lab
3	053BCA013	Object Oriented Programming using JAVA
4	053BCA014	JAVA Lab
5	003BCA051	Python Programming Concepts
6	053BCA061	Open Source Tools (SEC-Model 2)
7	------	Kannada/Hindi
8	------	English

Fourth Semester

SL NO	SUBJECT CODE	SUBJECTS
1	054BCA011	Python Programming
2	054BCA012	Python Programming Lab
3	054BCA013	Computer Multi Media and Animation
4	054BCA014	Computer Multi Media and Animation Lab
5	004BCA051	Electronic Commerce
6	------	Kannada/Hindi
7	------	English

Fifth Semester

SL NO	SUBJECT CODE	SUBJECTS
1	BCA-5.1	Web Technology
2	BCA-5.2	Management Information System
3	BCA-5.3	Computer Network
4	BCA-5.4	Artificial Intelligence
5	BCA-5.5	Mini Project
6	BCA-5.6	Web Programming Lab

Sixth Semester

SL NO	SUBJECT CODE	SYLLABUS
1	BCA-6.1	Python Programming
2	BCA-6.2	Core Elective-I
3	BCA-6.3	Core Elective-II
4	BCA-6.4	Core Elective-III
5	BCA-6.5	Mini Project-II
6	BCA-6.6	Python Programming LAB