



**Bachelor of Computer Application (BCA) (Hons) in Banking, Financial Services and Insurance**

**School of Engineering & Technology**

**Course Structure**

**First Year  
Semester – I**

Sl. No	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Mathematics-I	3	1	0	4	4
2	Introduction to Programming	3	0	0	3	3
3	Business Communication	3	0	0	3	3
4	Computer Fundamentals	3	0	0	3	3
5	Environmental Science	3	0	0	3	3
6	Programming Lab.	0	0	3	3	2

**Semester – II**

Sl. No	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Mathematics-II	3	1	0	4	4
2	Programming & Data Structures	3	0	0	3	3
3	Digital Electronics	3	0	0	3	3
4	Design of Logic Circuits	3	0	0	3	3
5	Object Oriented Programming with JAVA	3	0	0	3	3
6	Data Structures Lab.	0	0	3	3	2
7	Digital Electronics Lab.	0	0	3	3	2
8	Object Oriented Programming Lab.	0	0	3	3	2

**Total Credits (First Year): 40**

**Second Year**  
**Semester – III**

Sl. No	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Algorithm Design	3	0	0	3	3
2	Programming in Python	3	0	0	3	3
3	Computer Organization & Architecture	3	0	0	3	3
4	Data Base Management System	3	0	0	3	3
5	Algorithm Design Lab.	0	0	3	3	2
6	Python Programming Lab.	0	0	3	3	2
7	Computer Organization Lab.	0	0	3	3	2
8	Data Base Management System Lab	0	0	3	3	2

**Semester – IV**

Sl. No	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Data Communication & Computer Network	3	0	0	3	3
2	Operating System	3	0	0	3	3
3	Financial Accounting	3	0	0	3	3
4	Introduction to Banking Management	3	0	0	3	3
5	Banking and Economy	3	0	0	3	3
6	Customer Relationship Management in Banking	3	0	0	3	3
7	Computer Network Lab.	0	0	3	3	2
8	Operating System Lab.	0	0	3	3	2

**Total Credits (Second Year): 42**

**Third Year**  
**Semester – V**

Sl. No	Course Title	L	T	P	Contact Hrs./Wk.	Credits
1	Financial Management	3	0	0	3	3
2	Management Information System	3	0	0	3	3
3	Artificial Intelligence	3	0	0	3	3
4	Software Engineering	3	0	0	3	3
5	Universal Banking	3	0	0	3	3
6	Artificial Intelligence Lab.	0	0	3	3	2
7	Software Engineering Lab.	0	0	3	3	2
8	FLEXCUBE Universal Banking-I Lab.	0	0	3	3	2
9	Project-I	-	-	-	-	4

**Semester - VI**

Sl. No	Course Title	L	T	P	Contact	Credits
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					<b>Hrs./Wk.</b>	
1	Risk Management	3	0	0	3	3
2	Insurance Management	3	0	0	3	3
3	E-commerce and IT Applications	3	0	0	3	3
4	Cyber security in Banking	3	0	0	3	3
5	FLEXCUBE Universal Banking-II Lab.	0	0	3	3	2
6	Comprehensive Viva Voce	-	-	-	-	3
7	Project-II	-	-	-	-	8

**Total Credits (Third Year): 50**

**Total Credits (Over Three Years): 132**