

BCA SYLLABUS

1 st SEMESTER BCA			
	SUB CODE		SUB NAME
MAJOR	CORE-I	PAPER-1	Problem Solving Using C Programming
	CORE-I	PAPER-2	Introduction To Python Programming
MINOR	CORE-II		Digital Logic
	MULTI DISCIPLINARY-I		PRINCIPLES OF MANAGEMENT
	AEC-I		Odia/Hindi
	VAC-I		Environmental Studies And Disaster Management

2 nd SEMESTER BCA			
	SUB CODE		SUB NAME
MAJOR	CORE-I	PAPER-3	Data Structures
	CORE-I	PAPER-4	OOPS C++
MINOR	CORE-III	PAPER -1	Probability and Statistics
	MULTI DISCIPLINARY- II		INTRODUCTION TO WEB TECHNOLOGY
	AEC-II		ENGLISH
	SEC-1		ADVANCED PYTHON PROGRAMMING

BCA 3RD SEMESTER (NEP 2020)

SUBJECT CODE	SUBJECT NAME
MAJOR-P-5	Data Base Management System
MAJOR-P-6	Computer Organization C Architecture
MAJOR-P-7	Operating Systems
MINOR-2-P-2	Discrete Mathematics
MDC-3	Internet & Ethical practices
VAC-2	Ethics C Values

4 TH SEMESTER BCA			
	SUB CODE		SUB NAME
MAJOR	CORE-I	PAPER-8	Computer Graphics
	CORE-I	PAPER-9	Web Development with PHP
	CORE-I	PAPER-10	Computer Network
MINOR	CORE-III		Management Information System
	INTERNSHIP		

5TH SEMESTER BCA			
	SUB CODE		SUB NAME
MAJOR	CORE-I	PAPER-11	Software Engineering
	CORE-I	PAPER-12	An Intro ⁿ to AI/ An Intro ⁿ to DS
	CORE-I	PAPER-13	Programming in JAVA
MINOR	CORE-II	PAPER-3	
SEC	PAPER-2		
VAC	PAPER-3		

6TH SEMESTER BCA			
	SUB CODE		SUB NAME
MAJOR	CORE-I	PAPER-14	Algorithm Design Techniques
	CORE-I	PAPER-15	Project Work
MINOR	CORE-III	PAPER-3	
SEC	PAPER-3		
VAC	PAPER-4		

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