Course Structure & Evaluation Scheme

Bachelor of Computer Application (B.C.A.)
[Academic Session 2020-21]

UNITED UNIVERSITY, PRAYAGRAJ

Bachelor of Computer Application (B.C.A.) 1 Year (1 & 2 Semester) Degree Programme United University, Prayagraj Course Structure & Evaluation Scheme 2020-2021 Session

S.No.	Course Title	Total Credits	L	T	P
	Semester - I				
1	IT Tools and Application	4	4		
2	Programming & Problem Solving using C Language	4	3	1	
3	Business Communication	4	3	1	
4	Fundamentals of Logic Building	4	3	1	
5	Basic Mathematics	2	2		
6	IT Tools and Application Lab	2			2
7	Programming & Problem Solving using C Language	2			2
8	Professional Communication Lab	2			2
		24			
	Semester : II				
S.No.	Course Title	Total Credits	L	T	P
1	Data Structures	4	3	1	
2	Database Management System	4	3	1	
3	Comp. Based Numerical & Statistical Techniques	4	3	1	
4	Introduction to Web Technology	4	3	1	
5	Financial Mangement	2	2		
6	Data Structures Lab	2			2
7	Database Management System Lab	2			2
8	Web Technology Lab	2			2
		24			

Bachelor of Computer Application (B.C.A.) 2 Year (3 & 4 Semester) Degree Programme United University, Prayagraj Course Structure & Evaluation Scheme 2020-2021 Session

S.No.	Course Title	Total Credits	L	T	P
	Semester : III				
1	Object Oriented Programming using Java	4	3	1	
2	Advanced Web Technlogy	4	3	1	
3	Computer Organization	4	3	1	
4	Principle of Management	2	2		
5	Environmental Science	2	2		
6	Computer Network	2			2
7	Object Oriented Programming using Java Lab	2			2
8	Computer Organization Lab	2			2
9	Computer Network Lab	2			2
10	CRT				
	Semester : IV				
S.No.	Course Title	Total Credits	L	T	P
1	Database Management System	4	3	1	
2	Operating System	4	3	1	
3	Software Engineering	4	3	1	
4	Fundamentals of Python Programming	2	2		
5	Elective -I	2	2		
6	Database Management System Lab	2			2
7	Operating System Lab	2			2
8	Python Programming Lab	2			2
9	CRT	2			2

Bachelor of Computer Application (B.C.A.) 3 Year (5 & 6 Semester) Degree Programme United University, Prayagraj Course Structure & Evaluation Scheme 2020-2021 Session

S.No.	Elective -I				
1	Computer Network Security				
2	PHP				
3	Management infirmation System				
4	Business Economics				
5	User Interface Design				
6	Business Intelligence				
7	Client-Server Computing				
Semester : V					
S.No.	Course Title	Total Credits	L	T	P
1	Graphics & Animation	4	3	1	
2	Unix & Shell Programming	4	3	1	
3	Elective -II	4	3	1	
4	Financial Accounting	2	2		
5	Graphics & Animation Lab	2	2		
6	Financial Accounting using Tally Lab	2			2
7	Shell Programming Lab	2			2
8	Mini Project	2			2
9	CRT	2			2
S.No.	Elective -II				
1	Cloud Computing				
2	Optimization Tecniques				
3	Technical Writing				
4	Mobile Computing				
5	Distributed Systems				
6	Machine Learning				
7	Object Oriented Analysis & Design				
Semester : VI					
S.No.	Course Title	Total Credits	L	T	P
1	Colloquim	4			
2	Project	20			