		Curriculum Structur								
Na	ame of the Progra	m: Bachelor of Computer Application Cer	rds		. 1					
Ye	ear: First	- Computer Application Cer	tifica	te Pi	ogra	m				
				~		Se	mest	er: I	(Paw	as)
	Course Code	Course Title	Contact Hrs per Week			Credits	, and a	Weightage (%)		
			L	Т	P	۲	5	CWS	MTE	ETE
	Discipline Speci	fic Core (DSC):		1				0	2	田
	24BCA5101T	Programming in C		,	2 1		- 1			
	24BCA5101P	Programming in C Lab) (3	10	20	7(
	24BCA5102T	Web Application Development	- 1) 2		1			10
	24BCA5102P	Web Application Development Lab	- 3) (3	10	20	70
Semester I	24BCA5103T	Computer Fundamentals& Office Management Tools	3			10	1 3	10		10
ues	24BCA5103P	Office Management Tools Lab					,	10	20	70
Sen	Discipline Specif	ic Elective (DSE):	0	0	2		1			100
Fawas			1					W.		
ME	Minor Subject						-	-		
			_							
	Multidisciplinary	Course (MDC):	1			2	-	•		
						-				
	Ability Enhancer	nent Course (AEC):				3		-		
							_			
-	Skill Enhancemen	nt Course (SEC):				2				
						3	1			
-	Value Added Cou	rse (VAC):				3				
-	G					2	1			
-	Seminar/Internsh	ip/Apprenticeship/Project/Community Ou	treac	h (S/	I/A/I	2/01				
-						/C):	T			
_		Total	A 12			24	-	-		

S.N.	Summary: I Semester (Pawas) Particulars	Credits
1.	Discipline Specific Core (DSC):	E STORE
2.	Discipline Specific Elective (DSE):	12
3.	Minor Subject	00
4.	Multidisciplinary Course (MDC):	02
5.	Ability Enhancement Course (AEC):	03
6.	Skill Enhancement Course (SEC):	02
7.	Value Added Course (VAC):	03
3.	Seminar/Internal in /A	02
	Seminar/Internship/Apprenticeship/Project/Community Outreach (S/I/A/P/C):	00
SCW	(Class work): It would in the Total	24
est/as	(Class work): It would include attendance, class test/quiz signments, ppt, play, learn by fun activities etc.	

Note: Minor subject can be selected as per the minor subjects given on University website, it must be different from Core subjects. In case of MDC/SEC/AEC/VAC: to be selected from the list of courses given on University website.

Dy. Registrar
Pandit Deendayal Upadhyaya
Shekhawati University,
Sikar(Rajasthan)

¥ 6	ame of the Progra	M: Bachelor of Computer Application Co	ertifica	te P	rogra	m			
	Course Code			Contact Hrs per Week			Weightage (%)		
			L	Т	P	Credits	CWS	MTE	ETE
	Discipline Speci	fic Core (DSC):					0	2	山
	24BCA5201T 24BCA5201P	Operating Systems	3	0	0	3	10	20	70
		Operating Systems Lab	0	0	2	1			
-	24BCA5202T	Database Management Systems	3	0	0	3	10	20	100
	24BCA5202P	DBMS Lab	0	0	2	1			70
	24BCA5203T	Computer Organization & Architecture	4	0	0	4	10		100
1	Discipline Specif	ic Elective (DSE):				4	10	20	70
1	Minor Subject			T					T'S L
The same same	winor subject						-		
1	Multidisciplinary	ame				2]			
1		Course (MDC):							
1	Ability Enhancer	nent Course (AEC):				3			
T									
	Skill Enhancemen	nt Course (SEC):				2			
		(SEC).							21.
	Value Added Course (VAC):					3	-		
1	Seminar/Internsh	ip/Apprenticeship/Project/Community O		L	X/A (**	2			
			utreac	n (S/	I/A/F	/C):			
		Total				24			

S.N.	Summary: II Semester (Vasant) Particulars	Credits
1.	Discipline Specific Core (DSC):	
2.	Discipline Specific Elective (DSE):	12
3.	Minor Subject	00
4.	Multidisciplinary Course (MDC):	02
5.	Ability Enhancement Course (AEC):	03
6.	Skill Enhancement Course (SEC):	02
7.	Value Added Course (VAC):	03
8.	Seminar/Intermelain/A	02
	Seminar/Internship/Apprenticeship/Project/Community Outreach (S/I/A/P/C):	00
SCW	(Class work): It would in 1.1	24
est/as	(Class work): It would include attendance, class test/quiz signments, ppt, play, learn by fun activities etc.	

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210		Curriculum Struct	ure							
N	ame of the Progr	Session 2023-2024 on am: Bachelor of Computer Application I	wards							
Y	ear: Second	o. Computer Application I)iplom	a Pr	ogra	m				
	Course Code	Course Title		Contact Hrs per Week			weightage (%)			
			I	, 7	ГР	Credits	CW\$	MTE	ETE	
	Discipline Spec	ific Core (DSC):					0	Σ	E	
	24BCA6301T	Data Structures and Algorithms					1885			
	24BCA6301P	Data Structures Lab Using C/C++	3	() (3	10	20	70	
	24BCA6302T	Object Oriented Programming Through	0	() 2	1			100	
		L++	3	0	0	3	10	20	70	
3	24BCA6302P	OOP Lab	0	-	-			20	70	
3	24BCA6303T	Networking Technologies	0	0	-	1			100	
III Janeaura	Discipline Specia	fic Elective (DSE):	4	0	0	4	10	20	70	
2				_					76.75	
-	Minor Subject									
-				_	_				1	
+	Multidisciplinar	y Course (MDC):			J	4				
				1	_					
1	Ability Enhancer	ment Course (AEC):				3				
				_						
1	Skill Enhanceme	nt Course (SEC):				2				
1	 									
H	Value Added Cou	irse (VAC):				3				
6	Forming w/Y	AND STATE OF THE S								
7	semmar/Internsh	ip/Apprenticeship/Project/Community C	ntread	h (8	/X/A/	D/C)				
		Total		27720		24				

S.N.	Summary: III Semester (Pawas) Particulars	Credits
1.	Discipline Specific Core (DSC):	
2.	Discipline Specific Elective (DSE):	12
3.	Minor Subject	00
4.	Multidisciplinary Course (MDC):	04
5.	Ability Enhancement Course (AEC):	03
6.	Skill Enhancement Course (SEC):	02
7.	Value Added Course (VAC):	03
3.	Seminar/Internship/Apprenticeship/Project/Community Outreach	00
	(S/I/A/P/C): Outreach	00
CW	(Class work): It would include attendance, class test/quiz	24
est/as	signments, ppt, play, learn by fun activities etc.	

Note: Minor subject can be selected as per the minor subjects given on University website, it must be different from Core subjects. In case of MDC/SEC/AEC/VAC: to be selected from the list of Courses given on University website.

Registrar

Dy. Registrar

		Curriculum Structure								
Na	me of the Progre	Session 2023-2024 onwar	rds							
Ye	ar: Second	am: Bachelor of Computer Application Dip	loma	Prog	ram					
	- Second				(Lase)	Semester: IV (Vasant)				
	Course Code	Course Title	Contact Hrs per Week			Credits	Weightage (%)			
			L	Т	P	Cre	CW\$	MTE	ETE	
	Discipline Spec	ific Core (DSC):	1	1					Э	
	24BCA6401T	PHP Programming	3	10	10	1 2				
	24BCA6401P	PHP Lab	-	-	0	3	10	20	70	
	24BCA6402T	Object Oriented Concepts Using Java Programming	3	0	0	3	10	20	70	
Semester IV	24BCA6402P	Java Lab	0.0					20	10	
3	24BCA6403T	Mathematics & Statistics	0	0	2	1			100	
	ALC: A CONTRACT OF THE PARTY OF	fic Elective (DSE):	4	0	0	4	10	20	70	
2										
1	Minor Subject									
v asant			T							
	Multidisciplinar	y Course (MDC):				4				
			T	1						
-	Ability Enhance	ment Course (AEC):			-					
L						2				
-	Skill Enhanceme	ent Course (SEC):	V. III			2				
-	Volum A.I.I. I.G.					T				
1	Value Added Co	urse (VAC):								
1	Seminar/Inte					2				
1		hip/Apprenticeship/Project/Community Ou	treac	h (S/	I/A/	P/C):			entre.	
-										
-		Total				20		-		

S.N.	Summary: IV Semester (Vasant)	Credits
	Particulars	
1.	Discipline Specific Core (DSC):	12
2.	Discipline Specific Elective (DSE):	00
3.	Minor Subject	
4.	Multidisciplinary Course (MDC):	04
5.	Ability Enhancement Course (AEC):	00
6.	Skill Enhancement Course (SEC):	02
7.	Value Added Course (VAC):	00
8.	Caminar/Internal: /A	02
0.	Seminar/Internship/Apprenticeship/Project/Community Outreach (S/I/A/P/C):	00
\$CW	(Class week) It It It It	20
est/as	(Class work): It would include attendance, class test/quiz signments, ppt, play, learn by fun activities etc.	

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