

School of Computer Sciences and Engineering Department of Computer Science and Application NEP-2020 Course Structure

Programme Name: Bachelor of Computer Application (Hons./Hons. with Research)

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T . N o .	Catego ry	Course Code	Course Name			P C		T P		Asses	Formative Summative Assessment Assessment CIA ESE		Tot l Ma ks	
Egi#		Listen Visite	Part Salas de la Salas de Sala	114.			125.3	Course	Lab	Course	Lab			
Ma	jor (Mand	atory + Elec	tives)											
1	Major	NYCA101	Problem Solving Technique using C	3		I.	3	50		100	- v	100		
2	Major	NYMT101	Mathematical Foundation for Computer Science	2	1	-	3	50	4-3	100		100		
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Ope	n Electiv	re (OE) *			girkyk si									
3	OE	100	Open Elective - I	4	10 <u>10 10 10 10 10 10 10 10 10 10 10 10 10 1</u>		4	50		100		100		
Voc	ational a	nd Skill Enh	ancement (VSEC)								Frigeley)			
4	SEC	NCAS01	Office 365 Laboratory	· · ·		4	2	-	50	The same of the sa	50	100		
5	vsc	NYCA111	C Programming Laboratory		-	4	2		50		50	100		
Abi	ity/Value	Education	Courses / Indian Knowledge Syste	m (A)	EC/VI	EC/IK	S) */							
6	AEC	1.1	Ability Enhancement Courses - I		-	4	2		50	Chalai besi	50	100		
7	VEC		Value Education Course - I			4	2		50		50	100		
В	IKS		Indian Knowledge System - I		4.	4	2		50	<u>-</u> 4. 4.	50	100		
)JI	'/FP/CEP	/CC/RP					ÚG.					F##21,857		
В	cc	NYCA112	Yoga and Meditation	-	-	4	2		50		50	100		
	A 100 T		TOTAL	9	1	24	22	150	300	300		7 100		

CIA: Continuous Internal Assessment BSE: End Semester Theory Exam.	OJT - On Job Training FP - Field Project CEP - Community Engagement					
L: Theory Lecture,	Projects	CIA	Weightage	Description		
T: Tutorial,	CC - Co-Curricular Course RP - Research Project - Refer University Notification					
P: Practical	- Refer University Notification	CIA 1	10%	Home Assignment		
		CIA 2	20%	Written Exam		
		CIA 3	10%	Activity /Project and Research Based Learning along with Seminar Presentations		
		CIA 4	10%	Behavioral Attitude +General Discipline Theory +Practical attendance		
		CIA TOTAL	50%			
Written Examination - End Semester Exam (ESE)		n - End Semester Exam (ESE)	50%			
		TOTAL	100%			

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Semester – II For the Batch: AY 23-24 onwards Teaching Scheme Total Sr (Hrs./Week) Marks Course **Examination Scheme** Category No. Code Course Name Formative Summative Assessment Assessment L T P C CIA ESE Major (Mandatory + Electives) Course Lab Course 1 Major **Object Oriented** NYCA201 Programming using C++ 3 3 50 100 100 2 Major NYCA202 Discrete Mathematics 3 3 50 100 100 Minor: Minor NYCAM_ Minor-I 2 2 50 100 100 Open Electives (OE) * Open Elective - II 4 4 50 100 100 Vocational and Skill Enhancement (VSEC) **Object Oriented** 5 vsc NYCA211 Programming using C++ 4 2 Laboratory 50 50 100 Web Application 6 SEC NCAS04 **Development Technologies** 2 50 50 100 Laboratory Ability/Value Education Courses / Indian Knowledge System (AEC/VEC/IKS) * Ability Enhancement AEC Courses - II 4 50 50 100 8 VEC Value Education Course - II 4 2 50 50 100 OJT/FP/CEP/CC/RP CC NYCA212 SUN Clubs 4 2 50 50 100 TOTAL 12 20 22 200 400 1000

CIA: Continuous Internal Assessment ESE: End Semester Theory Exam. L: Theory Lecture, T: Tutorial,	OJT - On Job Training FP - Field Project CEP - Community Engagement Projects CC - Co-Curricular Course RP - Research Project	CIA	Weightage	Description
P: Practical	* - Refer University Notification	CIA 1	10%	Home Assignment
		CIA 2	20%	Written Exam
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		CIA 4	10%	Behavioral Attitude +General Discipline Theory +Practical attendance
		CIA TOTAL	50%	
CIA 4 10% CIA TOTAL 50% Written Examination - Ford Secretar Programs	50%			
		TOTAL	100%	

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Sr. No Semester Course Code Name of the course (Choose any One)	1120	그림 하는 말이 그 맛있다면 모시되었다. 그런 하는 그는 그 모든 그리고 있다.	MINOR		
		Name of the course (Choose and Course		Semester	
			NYCAM01	11	1
2 II NYCAM01 Web Application Development Technologies Introduction to Microprocessor	1. 4	web Application Development Technologies	NYCAM02	11	2

Exit option: Award of UG Certificate in Major with 40-44 credits and an additional 4 credits of Internship OR Continue with Major and Minor.

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