Integral University, Lucknow

Department of Computer Application

Study and Evaluation Scheme

Program: MCA

Semester IV

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes							Sustainable Development Goals
				L	T	P	UE	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
THEORIES																					
1.																					
ELECTIVE																					
1.	CA570	Digital Image Processing	Elective-IV	3	1	0	40	20	60	40	100	3:1:0	4	√		√					4,9,17
2.	CA571	Human Computer Interaction												√		√					4,9,17
3.	CA572	Quantum Computing													√	√					4,9,15
4.	CA573	Green Computing and E-Waste Management																√			4,9,12
5.	CA574	Compiler Design												√		√					4,9,13
6.	CA575	VLSI Design/ Robotics												√	√						4,9,11
7.	CA576	Blockchain Computing	Elective-V	3	1	0	40	20	60	40	100	3:1:0	4	√		√		√			4,9,15
8.	CA577	Pattern Recognition												√		√					4,9,13
9.	CA578	Agile Methodology and DevOps												√							4,9,17
10.	CA579	Simulation and Modeling												√		√					4,9,12
11.	CA580	Big Data Visualization												√		√					4,8,9
12.	CA581	Wireless Sensor Network Systems												√	√	√					3,4,9
13.	CA582	.NET and C#	Elective-VI	3	1	0	40	20	60	40	100	3:1:0	4	√	√	√					4,9,5
14.	CA583	Mobile Application Development												√	√	√					4,9,15
15.	CA584	Front End Design Technique												√		√					4,9
16.	CA585	Open Source												√	√	√					4,9,17
17.	CA586	Modern Application Development													√	√					4,9,13
18.	CA587	Service Oriented Architecture													√	√					4,9
PRACTICAL																					
1.	CA588	Major Project	Core	0	0	6	-	-	300	200	500	0:0:6	12	√	√	√			√	√	4,9
2.	CA589	Advanced Technology Lab (C# & Android)	Core	0	0	3	40	20	60	40	100	0:0:3	1	√	√	√					4,9,15
Total				9	3	9	160	80	540	360	900	9.3.9	25								