



Integral University, Lucknow
University Polytechnic
Study and Evaluation Scheme

Program: Diploma in Computer Science & Engineering

Semester- I

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DMA-101	Applied Mathematics-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
2	DPH-101	Applied Physics-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
3	DCH-101	Applied Chemistry-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
4	DCS-101	Fundamentals of Information Technology	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
5	DPC-101	Professional Communication	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y			Y	Y
6	DEE-101	Basic Electrical Engineering-I	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y					
PRACTICALS																				
1	DCH-151	Applied Chemistry Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y		Y		
2	DPC-151	Professional Communication Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y			Y	Y
3	DCS-151	Computer Application Lab	Core	01	00	02	40	20	60	40	100	1:0:1	2	Y	Y	Y				
4	DEE-151	Basic Electrical Engineering-I Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y					
5	GP-151	General Proficiency		-	-	-	-	-	60	-	60									
Total				19	06	08	400	200	660	400	1060		29							



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Semester- II

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepre neurshi p	Skill Develop ment	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DMA-201	Applied Mathematics- II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
2	DPH-201	Applied Physics-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
3	DCH-201	Applied Chemistry-II	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
4	DED-201	Engineering Drawing	Core	01	03	00	40	20	60	40	100	1:3:0	4	Y	Y	Y				Y
5	DCS-202	Programming in C and C++	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
6	DCS-203	Internet and Webpage Designing	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				Y
PRACTICALS																				
1	DPH-251	Applied Physics Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y		Y		
2	DCAD-251	Basic Computer-Aided Design Lab.	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				Y
3	DCS-252	Programming in C Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				
4	DCS-253	Internet and Webpage Designing Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				Y
5	GP-251	General Proficiency		-	-	-	-	-	60	-	60									
Total				16	08	08	400	200	660	400	1060		28							



Integral University, Lucknow
Department of Computer Science & Engineering
Study and Evaluation Scheme
Program: Diploma in Engineering
Semester –III

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DMA-301	Applied Mathematics – III	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
2	DCS-302	Operating System	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
3	DCS-303	Data Structure Using C	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
4	DCS-304	Computer Hardware & Maintenance	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
5	DCS-305	Principle of Programming Language	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
6	DEC-301	Principle of Digital Electronics	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
PRACTICALS																				
1	DCS-352	Operating System Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				
2	DCS-353	Data Structure Using C Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				
3	DCS-354	Computer Hardware & Maintenance Lab.	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				
4	DEC-351	Principle of Digital Electronics Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				
5	GP-351	General Proficiency		-	-	-	-	-	60	-	60									
Total				18	06	08	400	200	660	400	1060		28							



Integral University, Lucknow
Department of Computer Science & Engineering
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Semester –IV

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DCS-401	Object Oriented Programming with C++	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
2	DCS-402	Wireless and Mobile Network	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
3	DCS-403	Computer Architecture & Micro Processor	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
4	DCS-404	Data Communication & Network	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				Y
5	DCS-405	Web Technology and Multimedia	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				Y
PRACTICALS																				
1	DCS-451	Oops with C++ Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				
2	DCS-452	Wireless and Mobile Network Lab.	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				
3	DCS-453	Computer Architecture & Micro Processor Lab.	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y		Y				
4	DCS-454	Data Communication & Network Lab.	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				Y
5	DCS-455	Web Technology and Multimedia Lab.	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				Y
6	GP-451	General Proficiency		-	-	-	-	-	60	-	60									
Total				15	05	12	400	200	660	400	1060		26							



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Semester –V

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employ ability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DCS-501	Java Programming	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
2	DCS-502	Computer Graphics and Animation	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				Y
3	DCS-503	e-Commerce and ERP	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				Y
4	DCS-504	Database Management System	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
5	DIM-501	Industrial Management and Entrepreneurship Development	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y				Y	Y
6	DCS-505	Cyber Law and information Security	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y			Y	Y
PRACTICALS																				
7	DCS-551	Java Programming Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
8	DCS-552	Computer Graphics and Animation lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y	Y	Y				Y
9	DCS-554	Database Management System Lab	Core	00	00	02	40	20	60	40	100	0:0:1	1	Y		Y				
10	DCS-555	Mini Project	Core	00	00	03	-	60	60	40	100	0:0:1.5	1.5	Y	Y	Y				Y
11	GP-551	General Proficiency		-	-	-	-	-	60	-	60								Y	Y
Total				18	06	10	360	240	660	400	1060		29							



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Semester –VI

S. No.	Course code	Course Title	Type of Paper	Period Per hr/week/sem			Evaluation Scheme				Sub. Total	Credit	Total Credits	Attributes						
				L	T	P	CT	TA	Total	ESE				Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics
THEORIES																				
1	DCS-601	Software Engineering	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				Y
2	DCS-606	Computer Programming Using Python	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
3	DEV-601	Environmental Education and Disaster Management	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y		Y		
4	DCS-603	Management Information System	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y		Y				
5	DCS-604	Artificial Intelligence & Neural Network	Core	03	01	00	40	20	60	40	100	3:1:0	4	Y	Y	Y				
PRACTICALS																				
6	DCS-651	Software Engineering Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				Y
7	DCS-656	Computer Programming Using Python Lab	Core	00	00	03	40	20	60	40	100	0:0:1.5	1.5	Y	Y	Y				
8	DCS-655	Project	Core	00	00	03	-	120	120	80	200	0:0:1.5	1.5	Y	Y	Y			Y	Y
9	GP-651	General Proficiency		-	-	-	-	-	60	-	60								Y	Y
Total				15	05	09	280	260	600	360	960		24.5							