

L&T integrated Bachelor of Computer Application Curriculum

Semester I						
SN	Name of the Course	L	T	P	S	C
1	Mathematics for Computing	3	1	0	0	4
2	Computer System Organisation	3	0	0	0	3
3	Problem Solving using C	3	0	1	0	4
4	IT World Essentials	3	0	1	0	4
5	Business Communication & Report Writing	3	0	0	0	3
	Total Credits	15	1	2	0	18
Semester II						
SN	Name of the Course	L	T	P	S	C
1	Discrete Structures	3	1	0	0	4
2	Open Elective (NSS/NCC/Art of Happiness/Indian Knowledge System /Human Values & Professional Ethics)	0/2	0	2/0	0	2
3	Data Structures	3	0	1	0	4
4	Object-Oriented Programming with C++	3	0	1	0	4
5	Database Management Systems	3	0	1	0	4
6	Front-End UI Development	3	0	1	0	4
	Total Credits	15/17	1	6/4	0	22
Semester III						
SN	Name of the Course	L	T	P	S	C
1	Computer Networks	3	0	0	0	3
2	Operating Systems	3	0	1	0	4
3	Design and Analysis of Algorithms	3	0	1	0	4
4	Entrepreneurship/ E-Business (MOOC)	3	0	0	0	3
5	Full Stack Foundation (Java)	3	0	1	0	4
6	Elective-I (Introduction to Cognitive Computing/System Admin/Computer Graphics)	3	0	1	0	4
	Total Credits	18	0	4	0	22
Semester IV						
SN	Name of the Course	L	T	P	S	C
1	Python Programming	3	0	1	0	4
2	Artificial Intelligence	3	0	0	0	3
3	Advanced JavaScript Frameworks (Angular)	3	0	1	0	4
4	First Aid & Health/Food Nutrition and Hygiene	3	0	0	0	3
5	Elective-II (Power BI /Data Analytics using Excel)	2	0	1	0	3
6	Professional Readiness-I	0	0	2	0	2
	Total Credits	14	0	5	0	19
Semester V						
SN	Name of the Course	L	T	P	S	C
1	Machine Learning	3	0	1	0	4
2	Testing & Deployment	3	0	0	0	3
3	Elective-III (Internet of Things/Cryptography & Blockchain/ Digital Marketing)	3	0	0	0	3
4	Professional Readiness-II	0	0	2	0	2
5	Environmental Studies / Understanding India	3	0	0	0	3
6	Minor Project	0	0	0	5	5
7	Internship	0	0	0	5	5
8	Technical Seminar	0	0	2	0	2
	Total Credits	12	0	5	10	27
Semester VI						
SN	Name of the Course	L	T	P	S	C
1	Capstone Project	0	0	0	12	12
	Total Credits	0	0	0	12	12