



Andhra Pradesh State Council of Higher Education

B.Sc., Honours in Computer Science MAJOR

w.e.f AY 2023-24 onwards

COURSE STRUCTURE

Year	Semester	Course	Title	Hrs./ Week	Credits
I	I	1	Essentials and applications of Mathematical, Physical and Chemical Sciences	5	4
		2	Advances in Mathematical, Physical and Chemical Sciences	5	4
	II	3	Problem Solving using C - (T)	3	3
			Problem Solving using C- (P)	2	1
		4	Digital Logic Design- (T)	3	3
			Digital Logic Design- (P)	2	1
II	III	5	Object Oriented Programming using Java- (T)	3	3
			Object Oriented Programming using Java - (P)	2	1
		6	Data Structures using C - (T)	3	3
			Data Structures using C - (P)	2	1
		7	Computer Organization - (T)	3	3
			Computer Organization- (P)	2	1
		8	Operating Systems - (T)	3	3
			Operating Systems - (P)	2	1
	IV	9	Database Management System - (T)	3	3
			Database Management System - (P)	2	1
		10	Object Oriented Software Engineering - (T)	3	3
			Object Oriented Software Engineering - (P)	2	1
		11	Data Communications and Computer Networks - (T)	3	3
			Data Communications and Computer Networks - (P)	2	1
III	V	12	Web Interface Designing Technologies - (T)	3	3
			Web Interface Designing Technologies - (P)	2	1
		13	Web Applications Development using PHP & MYSQL - (T)	3	3
			Web Applications Development using PHP & MYSQL - (P)	2	1
		14 A	Internet of Things (T)	3	3
			Internet of Things (P)	2	1
			OR		
		14 B	Foundations of Data Science - (T)	3	3