

Professional Diploma in Computer Science (3 Years) - Sample Syllabus

Sem	Code	Subject
I	CS101	Communication Skills
I	CS102	Engineering Mathematics-I
I	CS103	Applied Physics
I	CS104	Computer Fundamentals
I	CS105	Programming in C
I	CS106P	C Lab
II	CS201	Engineering Mathematics-II
II	CS202	Digital Electronics
II	CS203	Data Structures
II	CS204	OOP (C++)
II	CS205	Environmental Studies
II	CS206P	DS Lab
III	CS301	DBMS
III	CS302	Operating Systems
III	CS303	Computer Organization
III	CS304	Python
III	CS305	Web Technology
III	CS306P	Lab
IV	CS401	Computer Networks
IV	CS402	Software Engineering
IV	CS403	Java
IV	CS404	Microprocessors
IV	CS405	Entrepreneurship
IV	CS406P	Lab
V	CS501	Mobile App Development
V	CS502	Cloud Computing
V	CS503	Cyber Security
V	CS504	Data Analytics
V	CS505	Minor Project
V	CS506P	Project
VI	CS601	AI Fundamentals
VI	CS602	IoT
VI	CS603	Software Testing
VI	CS604	Major Project

VI	CS605	Industrial Training
VI	CS606P	Viva

Sample assessment: Theory 70, Internal 30; practicals include lab and viva.