

Diploma in Information Technology (DIT) – Syllabus (1 Year)

Semester – I

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	7301	1DIT1	Fundamentals of IT & Computers
2	7302	1DIT2	Operating System & Office Automation (MS Office)
3	7303	1DIT3	Programming in C
4	7304	1DIT4	Internet & Web Basics

Course Details:

- **Fundamentals of IT & Computers** – IT concepts, computer basics, hardware, software, number systems.
 - **Operating System & Office Automation** – Windows/Linux basics, MS Word, Excel, PowerPoint.
 - **Programming in C** – Data types, operators, control structures, arrays, functions, pointers.
 - **Internet & Web Basics** – Internet working, email, search engines, introduction to HTML.
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Semester – II

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	7401	2DIT1	Database Management System (DBMS)
2	7402	2DIT2	Programming in C++ / Object-

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
			Oriented Concepts
3	7403	2DIT3	Networking Fundamentals
4	7404	2DIT4	Project Work / Lab Practical

Course Details:

- **Database Management System (DBMS)** – Concepts of RDBMS, SQL, tables, queries, reports.
- **Programming in C++** – OOPs concepts, classes, objects, inheritance, polymorphism.
- **Networking Fundamentals** – Basics of computer networks, topology, TCP/IP, internet security.
- **Project Work / Lab Practical** – Practical project applying IT tools and programming knowledge.