

## Semester – I (6 Months)

S. No.	Paper Numerical Unique	Class & Papers	Paper Name / Subject
1	7501	1DHN1	Fundamentals of Computer Hardware
2	7502	1DHN2	Operating Systems & Installation
3	7503	1DHN3	PC Assembly & Troubleshooting
4	7504	1DHN4	Networking Basics & Configuration

### *Course Details:*

- **Fundamentals of Computer Hardware** – Basics of computer hardware, motherboard, CPU, RAM, storage devices, input/output devices.
- **Operating Systems & Installation** – Windows/Linux OS installation, formatting, partitioning, device drivers.
- **PC Assembly & Troubleshooting** – Assembling/disassembling PCs, BIOS setup, hardware diagnostic tools, fixing issues.
- **Networking Basics & Configuration** – LAN/WAN, topologies, cabling, IP addressing, basic router/switch configuration.