Lesson Plan: Foundations of Computer Science(BCA 1st Sem)

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| Date | Topic |
| 22-07-2025 to 23-07-2025 | Evolution of Computers, Characteristics, Strengths & Limitations |
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| 28-07-2025 to 30-07-2025 | Classification of Computers, Functional Components of Computer, Applications of Computers |
| 04-08-2025 to 06-08-2025 | Types of Software: System & Application, Types of Software: Utility, Shareware, Freeware, Firmware, Memory: Concepts (bit, byte, word, nibble, hierarchy) |
| 11-08-2025 to 13-08-2025 | Primary Memory (RAM, ROM, PROM, EPROM), I/O Ports, Device Controller & Driver |
| 18-08-2025 to 20-08-2025 | Secondary Memory (Magnetic, Optical, Flash),Input Devices: Keyboard, Pointing Devices |
| 25-08-2025 to 27-08-2025 | Scanner, Camera, Microphone, Output Devices: Monitor, Speakers Printers (Laser, Inkjet, Dot-Matrix) |
| 01-09-2025 to 03-09-2025 | Plotters , Operating System: Definition, Functions, Features |
| 08-09-2025 to 10-09-2025 | Email: Introduction, Advantages & Disadvantages, Email IDs, Passwords, Addressing, Email Composition & Features |
| 15-09-2025 to 17-09-2025 | Browsers & Search Engines |
| 22-09-2025 to 24-09-2025 | Threats: Physical & Non-Physical  Malware: Virus, Worm, Trojan, Spyware, Adware Computer Security Fundamentals (CIA, Non-repudiation) |
| 29-09-2025 to 01-10-2025 | Other Threats: Keyloggers, Rootkits, Cookies, Phishing  Hacking & Cracking |
| 06-10-2025 to 08-10-2025 | Windows OS Elements (Icon, Folder, File, Start, Taskbar)Windows Explorer, Control Panel, Recycle Bin |
| 13-10-2025 to 15-10-2025 | Security Mechanisms & Awareness, Security Policy, Antivirus, Firewalls  Backup & Recovery |
| 27-10-2025 to 29-10-2025 | Internet: Networks, History, Intranet, Extranet, Modes of Internet Connection |
| 03-11-2025 to 24-11-2025 | Revision / Extra Practice |