**COMPUTER SYSTEMS LABORATORY**

The Computer Systems Laboratory is designed to facilitate the study of server structures, network adapters, repeaters, hubs, bridges, switches, and routers. It enables students to physically construct network infrastructures, set up networks using network operating systems such as Netware, NT, and Unix, and connect standalone networks. The laboratory also focuses on integrating networks with different operating systems, managing printers on networks, and performing remote control operations.

**Experiments and Experiment Manuals in the Computer Systems Laboratory**

1. **Experiment:** Data Compression Methods and Data Compression with Huffman Coding
2. **Experiment:** Configuration of Computer Network Devices
3. **Experiment:** Linear Cryptanalysis
4. **Experiment:** Network Security and Ethical Hacking
5. **Experiment:** API Utilization
6. **Experiment:** Distributed Programming with Java
7. **Experiment:** Classification of Linearly Separable Patterns Using Artificial Neural Networks



