CSE Lab about Computer Network  
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**Introduction:**   
Computer Network CSE Lab, where we install some computer, laptop and other electronic device for those people who are engage to networking system. Our lab is a dynamic space where theory meets practice, fostering hands-on exploration and problem-solving. Through interactive sessions and real-world projects, we empower students to grasp fundamental concepts and apply them creatively. Collaboration is at our core, as we believe in the power of teamwork and knowledge sharing. Whether you're a beginner or an expert, our lab provides a supportive environment for learning and growth. Join us as we navigate the intricate world of data structures and way for computational innovation.

**Purpose and Objectives:**  
The networking lab serves as a vital space for students and researchers to engage in hands-on learning and experimentation in various aspects of computer science and engineering. Its primary objectives include providing a platform for practical application of theoretical concepts, fostering innovation through project-based learning, and facilitating collaborative research endeavors among faculty and students.

**Cost table**:   
CSE Lab Equipment and Costs (in BDT) for Single Room

Requirement Equipment

|  |  |  |  |
| --- | --- | --- | --- |
| **Equipment** | **Quantity** | Unit Price(BDT) | Total Price (BDT) |
| Desktop Computer  Core-i5,  Generation-8th,  Ram-8gb,  SSD-128gb,  Monitor-24”  As required | 50 | 28,000 | 1,400,000 |
| Projector | 1 | 45,000 | 45,000 |
| White Board | 1 | 12,000 | 12,000 |
| Ethernet Switch | 3 | 22,000 | 66,000 |
| Router | 4 | 2,000 | 8,000 |
| Server | 1 | 150,000 | 150,000 |
| Printer | 1 | 25,000 | 25,000 |
| Scanner | 1 | 10,000 | 10,000 |
| External Hard drive | 2 | 5,000 | 10,000 |
| Light | 10 | 500 | 5,000 |
| Fan | 7 | 3,000 | 21,000 |
| Table & chair | 50 | 1,800 | 90,000 |
| Presentation Desk | 1 | 5,000 | 5,000 |
| AC | 4 | 75,000 | 300,000 |
| Wire | 15(coil) | 1,800 | 27,000 |
| Socket | 100 | 500 | 50,000 |
| Ethernet Cable | 100 pics | 200 | 20,000 |
| Setup cost |  |  | 10,000 |
|  | **Total** |  | = 2,254,000 |