

DEPARTMENT OF COMMUNITY COLLEGE
SBMS COLLEGE, SUALKUCHI
COMPUTER HARDWARE AND NETWORKING

The Community College is a UGC approved scheme aiming at skill Development among the local youths with a higher quality of training at a relatively low cost with industry standard training. Under the one year programme for two semesters, Final Assessment is carried out by the concerned Sector Skill Council (SSC) viz. ESSCI, New Delhi. The assessment is done via online process and certifications have been issued by Electronics Sector skill Council of India (ESSCI).

PROGRAMME OUTCOMES:

The scope covers the following:

- ❖ **Students will be able to identify the essential components of computer**
- ❖ **Students will be able to describe the function of the essential components of computer**
- ❖ **Students will be able to developed a computer system proposal/presentation for a client**
- ❖ **Students will be able to troubleshoot hardware components**
- ❖ **Students will be able to assemble a computer with essential components**
- ❖ **Students will be able to knowledge about networking and various networking devices**
- ❖ **Students will be Install and operate e-learning equipment
maintain e-learning Hardware and Software**
- ❖ **Identify work requirement**

- ❖ **Coordinate with customer care centre/repair centre**
- ❖ **Students will be knowledge about Laptop assemble.**

Course Outcomes:

Semester/Job Role	Course code/QP	Course Name	Course Outcomes
IT coordinator in school (Semester-I)	ELE/Q4701	Computer fundamentals	Students Knowledge about various types of Computer, generation of Computer, Basic input output system.
IT coordinator in school (Semester-I)	ELE/Q4701	Computer hardware	The course enable the Students to learn: System unit, Inside the system unit, Mother board, Central processing unit, Basic input output unit, Memory
IT coordinator in school (Semester-I)	ELE/Q4701	Computer software	Students Know about various types of Software: System software, Application software, Microsoft word, Microsoft Excel, Microsoft power point, Editing the Documents

IT coordinator in school (Semester-I)	ELE/Q4701	Computer Maintenance and Security	Students Know about Date and Clock, Data Backup, Windows update, Windows Defender, Windows Firewall, Antivirus.
IT coordinator in school (Semester-I)	ELE/Q4701	Computer Assemble	Students practically know about Install HDD, Install RAM, Install CD Drive, Install SSD, Install Processor
IT coordinator in school (Semester-I)	ELE/Q4701	Monitor	An Understand the Types of Monitor, Characteristics of a Monitor, Monitor Cable Technologies, Monitor Power Management, Monitor Maintenance
IT coordinator in school (Semester-I)	ELE/Q4701	Printer	The course enable the students to learn: Types of Printer, Printer Ports, Installing Network Printer, Printer Characteristics

Semester/Job Role	Course code/QP	Course Name	Course Outcomes
Field Technician Networking and storage (Semester-II)	ELE/Q4606	Introduction to Networking	Students Knowledge about various types of Computer Networks, History of network, Networking Cable.
Field Technician Networking and storage (Semester-II)	ELE/Q4606	Networking Protocol/IP Address	Understanding about TCP/IP protocol, Networking, Internet protocol address.
Field Technician Networking and storage (Semester-II)	ELE/Q4606	Hardware and Networking	Students Knowledge about various types of Networking components like, Hub, Switch, Repeaters, Bridge, Router.

Field Technician Networking and storage (Semester-II)	ELE/Q4606	Wireless Networking	The course enable the students to learn: Wireless Technologies, Wireless Networking, Wireless networking standards, Wireless Networking Security
Field Technician Networking and storage (Semester-II)	ELE/Q4606	Internet	The course enable the students to learn: Using History, setting up an Internet Explorer, Live search, Using History

From:

Rituraj Kashyap

Faculty, Community College,

SBMS College, Sualkuchi