

Royal Education Society's
**College Of Computer Science & Information
Technology, Latur**

COCSIT Bridge Course

For

*B.Sc. (CS), B.Sc. (SE),
BCA, B.Sc. (NT), B.VOC(PSSD)*
First Year Students

Academic Year: 2023-2024

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COCSIT Bridge Course

Syllabus

- 1. Soft skills & Grammar*
- 2. Interaction with Hardware Devices*
- 3. OS & MS-Office*
- 4. Numerical Aptitude*
- 5. Web Technology*

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Soft skills (S1.1)

Day 1

Importance & Scope of Communication Skills

Day 2

Spoken English & Communication Skill

Day 3

Different ways to develop Spoken English

Day 4

How to make our communication effective

Day 5

Spoken English Activities

Group Activities (JAM)

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Interaction with Hardware Devices (S1.2)

Day 1

Block Diagram of Computer
Study of Input & Output Devices

- a) Keyboard
- b) Mouse
- c) Scanners
- d) USB Ports
- e) LPT Ports

Day 2

- a) CRT
- b) LCD
- c) Printers
- d) RAM

Day 3

Evolution of Computers

- a) Generation of Computers
- b) Types of Computers
 - 1. Mainframe Computer
 - 2. Mini Computer
 - 3. Micro Computer
 - 4. Super Computer

Day 4

Study of Storage devices

- a) Floppy Disk Drive
- b) Hard Disk Drive
- c) CD ROM
- d) DVD ROM

Day 5

Use of Internet

- a) Search engines
- b) Downloading & Uploading

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OS & MS-Office (S1.3)

Day 1

What is Software?

Types of S/W – (System S/W Application S/W)

What is OS?

Types of OS

Day 2

Android OS

Day 3

Introduction to MS-Word

Day 4

Introduction to MS-Excel

Day 5

Introduction to MS-Power-point

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Numerical Aptitude (S1.4)

Day 1

Number System I
Basics
Divisibility Test

Day2

Number System II
Basic Formulae
Examples

Day 3

Number System III
Squares
Examples

Day 4

Average
Basic Formulae
Examples

Day 5

Problems on ages
Basic Formulae
Examples

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Web Technology (S1.5)

Day 1

Introduction to Web Tech

Advantages & Disadvantages

Protocol (HTTP)

Day 2

Structure of HTML

Input, label & button

Day 3

Anchor tag

Designing Login page

Day 4

Designing Registration page

Day 5

Validation (required, email, number & text)

Designing Home Page