

Commecs College

Macro Plan 2024-2025

Subject: Computer Science

Teacher: Anum Qadri

Sections:

Class: XI

Week	Event	From	To	Saturday Status	Working Days	Teaching Days	Chapters	Content
01	Orientation XI, XII/ Foundation Course	Mon, Aug 01	Fri, Aug 02	Off	02	02	Foundation -course	Basic concepts of Computer Science
02	Foundation Course	Mon Aug 05	Sat, Aug 10	Working	06	05	Foundation -course	Basic concepts of Computer Science
03	Teaching	Mon, Aug 12	Fri, Aug 16	Off	05	04	Introduction to Computer Science	1) What are Computer Science and Information Technology? 2) Characteristics of computer. 3) Computer system 4) Parts of Computer System 5) Peripheral devices Data , Information and Knowledge
04	Teaching	Mon, Aug 19	Sat, Aug 23	Working	05	05	Input Devices	6) Keyboard input devices. * Keyboard * Terminals 7) Non keyboard input devices * Pointing devices * Scanning devices 8) Voice input devices
05	Teaching	Mon, Aug 26	Fri, Sep 01	Off	06	05	Processing Hardware	9) CPU and its components. Memory Units. (Primary and Secondary storages). 10) RAM and its types. 11) ROM and its types. Special purpose memories.
06	Teaching	Mon, Sep 02	Sat, Sep 06	Working	05	05	Output devices	12) Soft copy output devices. • Monitors.

								<ul style="list-style-type: none"> Printers Voice output devices Sound output devices
07	Teaching Foundation Day Thu, September 15	Mon, Sep 09	Fri, Sep 14	Off	06	05	Secondary Storage	13) Hard copy output devices <ul style="list-style-type: none"> Printers. Plotters Computer output microfilm/microfiche (COM). 14) Secondary storage devices. 15) Types of secondary storage devices. Sequential and random access medium.
08	Teaching	Mon, Sep 16	Sat, Sep 20	Working	05	05		16) Types of magnetic storage <ul style="list-style-type: none"> Floppy disks Hard disk Magnetic tape. 17) Types of optical storage <ul style="list-style-type: none"> Compact disks (CD- ROM) DVD ROM
09	Teaching	Mon, Sep 23	Fri, Sep 28	Working	06	05	Operating system	18) MS-DOS and Windows 19) Features of OS 20) Functions of OS 20) Single and multi tasking
10	Teaching	Mon, Sept 30	Fri, Oct 04	Off	05	05	Language Translators	21) Compilers and interpreters 22) Generations of Programming Languages
11	First Term Exams	Mon, Oct 07	Sat, Oct 12	Working	06	05		Revision
12	First Term Exams	Mon, Oct 14	Fri, Oct 18	Off	05	00		
13	First Term Exams	Mon, Oct 21	Fri, Oct 26	Working	06	04	Information Networks	1) Technology of work book computing.

Term – I
Working Days – 68
Teaching Days – 55
Classes Conducted = 40.41%

14	Teaching	Mon, Oct 28	Sat, Nov 01	Working	05	05	Information Networks	<ul style="list-style-type: none"> 2) Various types of computer networks <ul style="list-style-type: none"> • LAN • WAN • GAN
15	Teaching/PTM	Mon, Nov 04	Sat, Nov 09	Off	06	05		<ul style="list-style-type: none"> 3) Internet 4) Benefits of E-mail 5) Concepts and protocols. 6) Internet Abuse
16	Teaching	Mon, Nov 11	Sat, Nov 15	Working	05	05	Data Communication	<ul style="list-style-type: none"> 1) Characteristics of Data Transmission 2) Data Communication Speed and Media
17	Teaching / PTM (Nov 19, 2022)	Mon, Nov 18	Sat, Nov 23	Off	06	05	Networking Hardware	<ul style="list-style-type: none"> 3) Hubs, Bridges, Switches etc. 4) Typical networking connecting devices
18	Teaching	Mon, Nov 25	Sat, Nov 30	Working	06	05	Network Communication Standards	<ul style="list-style-type: none"> 1) Ethernet 2) Token Ring 3) TCP/IP 4) OSI Model
19	Teaching	Mon, Dec 02	Fri, Dec 06	Off	05	05	Applications and use of Computers	<ul style="list-style-type: none"> 1) Computer and the opportunities offered by their use. Types of Systems encountered in everyday life, homes, Business, Industry, education. 2) Understand how computers can simplify our work practices
20	Teaching	Mon, Dec 09	Sat, Dec 14	Working	06	05	Computer Architecture	<ul style="list-style-type: none"> 1) Components of Digital Computer. 3) Registers and Buses
21	Teaching Students' Week (Dec 14 – Dec 17)	Mon, Dec 16	Sat, Dec 20	Working	05	03		<ul style="list-style-type: none"> 2) Instructions and Instruction formats. 3) Fetch Execute Cycle.
22	Sports Gala (Dec 19 – Dec 21)	Mon Dec 23	Fri, Dec 28	Off	00	00		
23	Winter Vacations	Mon Dec 30	Sat, Jan 03	Off	03	00		

24	Second Term Exams/ Teaching	Mon, Jan 06	Fri, Jan 11	Off	06	00		
25	Second Term Exams	Mon, Jan 13	Sat, Jan 17	Working	05	02	Security and Copyright	Introduction
Term – II Total Working Days – 68 + 58 = 126 Total Teaching Days – 55 + 40 = 95 Classes Conducted = 69.34%								
26	Teaching	Mon, Jan 20	Fri, Jan 25	Off	06	05	Security, Copyright and the law.	1) Viruses and Anti Viruses issues. 2) Data protection and privacy issues
27	PTM/Teaching	Mon, Jan 27	Sat, Jan 31	Working	04	04		3) Data protection legislation and copyright issues.
28	Teaching	Mon, Feb 03	Fri, Feb 08	Off	05	04	Operating System	1) User Interface 2) Windows and its features 3) File Management
29	Teaching/ Test-2	Mon, Feb 10	Sat, Feb 14	Working	04	04	Word processing	1) Starting to use Word processor. Font, paragraph, page formatting
30	Teaching/ Test-2	Mon, Feb 17	Fri, Feb 22	Off	06	05	Spreadsheet	1) Introduction to spreadsheet packages 2) Spreadsheet layout.
31	Teaching	Mon, Feb 24	Sat, Feb 28	Working	05	05	Spread Sheet	3) Formatting and customizing data 4) Formulas, functions and named ranges. 5) Introducing charts
32	Teaching	Mon, Mar 03	Fri, Mar 08	Off	06	05	Internet browsing and using E-mail	1) Introduction to browsing. 2) Addresses , links and downloading 3) Searching the internet. E-mail and Newsgroups.

33	Preliminary Exams/Teaching	Mon, Mar 10	Sat, Mar 14	Off	05	05	All Chapters	1) Important Mcq's and short Question answers
34	Teaching	Mon, Mar 17	Fri, Mar 22	Working	04	04		Important Mcq's and short Question Answers
35	Teaching	Mon, Mar 24	Fri, Mar 29	Off	00	00		
36	Teaching	Mon, 31	Fri, Apr 04	Working	01	01		
37	Preliminary Exams	Mon, Apr 07	Fri, Apr 12	Working	06	00		
38	Preliminary Exams	Mon, Apr 14	Fri, Apr 18	Off	05	00		

Term – III

Working Days – $126 + 57 = 183$,

Teaching Days – $95 + 42 = 137$

Classes Conducted = 100%