

Lesson plan of Computer Application Theory 2nd Sem Summer- 2022

(From 14.03.2022 to 18.06.2022)

SL. NO	SECTION	WEEK	THEORY CHAPTER/TOPIC	PERIOD (Total:60 periods)
1	SEC-C SEC-D	14.03.2022 To 17.03.2022	1. COMPUTER ORGANISATION Introduction to Computer Evolution of Computers Generation of Computers Classification of Computers DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
2	SEC-C SEC-D	21.03.2022 To 26.03.2022	1. COMPUTER ORGANISATION Basic Organisation of Computer (Functional Block diagram) Input Devices, CPU & Output Devices. Computer Memory and Classification of Memory DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
3	SEC-C SEC-D	28.03.2022 To 02.04.2022	2. COMPUTER SOFTWARE Software concept, System software, Application software Overview of Operating System Objectives and Functions of O.S , Types of Operating System: Batch Processing, Multiprogramming, Time Sharing OS Features of DOS, Windows and UNIX DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
4	SEC-C SEC-D	04.04.2022 To 09.04.2022	2. COMPUTER SOFTWARE Programming Languages Compiler, interpreter Computer Virus Different Types of computer virus Detection and prevention of Virus Application of computers in different Domain DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
5	SEC-C SEC-D	11.04.2022 To 16.04.2022	3. COMPUTER NETWORK AND INTERNET Networking concept, Protocol, Connecting Media, Data Transmission mode Network Topologies, Types of Network Networking Devices like Hub, Repeater, Switch, Bridge, Router, Gateway & NIC DOUBT CLEARING CLASSES	03-C 02-D 01(EXTRA CLASS)

6	SEC-C SEC-D	18.04.2022 To 23.04.2022	3. COMPUTER NETWORK AND INTERNET Internet Services like E-Mail, WWW, FTP, Chatting, Internet Conferencing, Electronic Newspaper & Online Shopping Different types of Internet connectivity and ISP DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
7	SEC-C SEC-D	25.04.2020 To 30.04.2020	4. FILE MANAGEMENT AND DATA PROCESSING Concept of File and Folder File Access and Storage methods. Sequential, Direct, ISAM Data Capture, Data storage Data Processing and Retrieval DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
8	SEC-C SEC-D	02.05.2022 To 07.05.2021	5. PROBLEM SOLVING METHODOLOGY Algorithm, Pseudo code and Flowchart Generation of Programming Languages Structured Programming Language Examples of Problem solving through Flowchart DOUBT CLEARING CLASSES	03-C 03-D 01(EXTRA CLASS)
9	SEC-C SEC-D	09.05.2022 To 14.05.2022	6. OVERVIEW OF C PROGRAMMING LANGUAGE Constants, Variables and Data types in C Managing Input and Output operations. Operators, Expressions, Type conversion & Typecasting. DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
10	SEC-C SEC-D	17.05.2022 To 21.05.2022	6. OVERVIEW OF C PROGRAMMING LANGUAGE Decision Control and Looping Statements (If, If- else, If-else-if, Switch, While, Dowhile, For, Break, Continue & Goto) Programming Assignments using the above features. DOUBT CLEARING CLASSES	03-C 03-D 01(EXTRA CLASS)

11	SEC-C SEC-D	23.05.2022 To 28.05.2022	7. ADVANCED FEATURES OF C Functions and Passing Parameters to the Function (Call by Value and Call by Reference) Scope of Variables and Storage Classes Recursion Function and Types of Recursion DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
12	SEC-C SEC-D	31.05.2022 To 04.06.2022	7. ADVANCED FEATURES OF C One Dimensional Array and Multidimensional Array String Operations and Pointers Pointer Expression and Pointer Arithmetic	03-C 03-D 01(EXTRA CLASS)
13	SEC-C SEC-D	06.06.2022 To 11.06.2022	7. ADVANCED FEATURES OF C Programming Assignments using the above features. Structure and Union (Only concepts, No Programming) DOUBT CLEARING CLASSES	04-C 04-D 01(EXTRA CLASS)
14	SEC-C SEC-D	13.06.2022 To 18.06.2022	REVISION CLASS	04-C 04-D

N.B - SEC C: ELECTRICAL ENGG.

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