

# Maharana Pratap Post Graduate College, Jungle Dhusar, Gorakhpur

**Class: BSC 3rd Year**

**Subject: Computer Science**

| Date       | Lecture No. | Faculty's Name | Paper | Topic                              | Subtopic                                            |
|------------|-------------|----------------|-------|------------------------------------|-----------------------------------------------------|
| 16.07.2021 | 1           | Srinivas singh | I     | Principle of comp. design          | Basic components of computer system                 |
| 17.07.2021 | 2           | Srinivas singh | I     | Principle of Comp.design           | Overview of Construction of ALU                     |
| 19.07.2021 | 1           | S.K.S.         | III   | Object Oriented System             | Introduction to object oriented System              |
| 19.07.2021 | 1           | S.K.S.         | IV    | Data Communication System          | Transmission System                                 |
| 20.07.2021 | 2           | S.K.S.         | III   | Object Oriented System             | Overview of object oriented System                  |
| 20.07.2021 | 1           | Srinivas singh | II    | DBMS                               | Concept of Database and its evaluation              |
| 22.07.2021 | 2           | S.K.S.         | IV    | Data Communication System          | Purpose, Components Source Transmitter              |
| 23.07.2021 | .           |                | .     | <b>CLASS TEACHING</b>              |                                                     |
| 24.07.2021 | 3           | Srinivas singh | I     | Principle Comp. Design             | Overview of Operation of ALU                        |
| 26.07.2021 | 4           | Srinivas singh | I     | Register Transfer & Micro Operator | Register Transfer Language                          |
| 26.07.2021 | 3           | S.K.S.         | III   | OOPS                               | Abstract data types                                 |
| 27.07.2021 | 3           | S.K.S.         | IV    | Data Communication System          | Data Transmission: Frequency                        |
| 27.07.2021 | 4           | S.K.S.         | III   | OOPS                               | Inheritance                                         |
| 28.07.2021 | 4           | S.K.S.         | IV    | Data Communication System          | Spectrem & Band Width                               |
| 29.07.2021 | 2           | Srinivas singh | II    | DBMS                               | Data Abstraction                                    |
| 30.07.2021 | .           |                | .     | <b>CLASS TEACHING</b>              |                                                     |
| 31.07.2021 | 5           | Srinivas singh | I     | Register Transfer & micro.Operator | Bus & Memory Transfer                               |
| 02.08.2021 | 6           | Srinivas singh | I     | Register Transfer & micro.Operator | Logic micro operators                               |
| 02.08.2021 | 5           | S.K.S.         | IV    | Data Communication System          | Analog Data Tansmission                             |
| 03.08.2021 | 5           | S.K.S.         | III   | OOPS                               | Polymorphism                                        |
| 03.08.2021 | 6           | S.K.S.         | III   | OOPS                               | Object Identity                                     |
| 04.08.2021 | 3           | Srinivas singh | II    | DBMS                               | Data integration                                    |
| 05.08.2021 | .           |                | .     | <b>CLASS TEACHING</b>              |                                                     |
| 06.08.2021 | 7           | Srinivas singh | I     | Register Transfer & micro.operator | Shift micro operators                               |
| 07.08.2021 | 6           | S.K.S.         | IV    | Data Communication System          | Digital Data Transmission                           |
| 09.08.2021 | 8           | Srinivas singh | I     | Register Transfer & micro.operator | Bus Structure, Multiple bus Hierarchies             |
| 09.08.2021 | 7           | S.K.S.         | III   | OOPS                               | Object modling concepts                             |
| 10.08.2021 | 8           | S.K.S.         | III   | OOPS                               | Object oriented programing language                 |
| 10.08.2021 | 7           | S.K.S.         | IV    | Data Communication System          | Data & Signals                                      |
| 11.08.2021 | 4           | Srinivas singh | II    | DBMS                               | Components of DBM                                   |
| 12.08.2021 | 8           | S.K.S.         | IV    | Data & Signal                      | Analog & Digital Signaling of anolog & Digital data |
| 14.08.2021 | .           |                | .     | <b>CLASS TEACHING</b>              |                                                     |
| 16.08.2021 | 9           | Srinivas singh | I     | Register Transfer & micro.operator | Elements of Bus Design                              |
| 16.08.2021 | 10          | Srinivas singh | I     | Register Transfer & Micro.Operator | PCI Bus Structure                                   |
| 17.08.2021 | 9           | S.K.S.         | III   | OOPS                               | Object oriented programing                          |
| 17.08.2021 | 10          | S.K.S.         | III   | OOPS                               | Overview of C++ Programing                          |
| 18.08.2021 | 9           | S.K.S.         | IV    | Data & Signal                      | Modem                                               |
| 20.08.2021 | 5           | Srinivas singh | II    | DBMS                               | Data & Models                                       |
| 21.08.2021 | 10          | S.K.S.         | IV    | Data & Signal                      | Modulation Techniques                               |
| 23.08.2021 | .           |                | .     | <b>CLASS TEACHING</b>              |                                                     |

|            |          |                          |           |                            |                                                        |
|------------|----------|--------------------------|-----------|----------------------------|--------------------------------------------------------|
| 23.08.2021 | 11       | Srinivas singh           | I         | Memory                     | Linear Structure Memory Organisation & Coders          |
| 24.08.2021 | 12       | Srinivas singh           | I         | Memory                     | Dimension of Memory Access                             |
| 24.08.2021 | 11       | S.K.S.                   | III       | C++ Programming            | Support for data Obstraction                           |
| 25.08.2021 | 11       | S.K.S.                   | IV        | Data & Signal              | CODEC, Digital Transmitter                             |
| 26.08.2021 | 12       | S.K.S.                   | III       | OOS                        | Support for object oriented programing                 |
| 27.08.2021 | 6        | Srinivas singh           | II        | DBMS                       | Three Level of Architure of DBMS                       |
| 31.08.2021 | .        | .                        | .         | <b>CLASS TEACHING/TEST</b> |                                                        |
| 31.08.2021 | 13       | Srinivas singh           | I         | Memory                     | Connectivity Memory Chip                               |
| 01.09.2021 | 14       | Srinivas singh           | I         | Memory                     | Magnetic Disk                                          |
| 02.09.2021 | 12       | S.K.S.                   | IV        | Data & signal              | Transmission Impairments                               |
| 03.09.2021 | 13       | S.K.S.                   | III       | C++ Programming Langauage  | Declaration & Constatnts                               |
| 04.09.2021 | 13       | S.K.S.                   | IV        | Data & signal              | Attenuation & Attenuation distrortion                  |
| 06.09.2021 | 14       | S.K.S.                   | III       | C++ Programming Langauage  | Function & File                                        |
| 06.09.2021 | 7        | Srinivas singh           | II        | DBMS                       | Data Models Implementation                             |
| 07.09.2021 | .        | .                        | .         | <b>CLASS TEACHING</b>      |                                                        |
| 07.09.2021 | 15       | Srinivas singh           | I         | Memory                     | Connecting Memory Chip to a Computer                   |
| 08.09.2021 | 16       | Srinivas singh           | I         | Memory                     | Floopy Disk                                            |
| 09.09.2019 | 14       | S.K.S.                   | IV        | Data & Signal              | Delay Distortrtion, Noise                              |
| 10.09.2021 | 15       | S.K.S.                   | III       | C++ Programming Langauage  | Linkages                                               |
| 11.09.2021 | 15       | S.K.S.                   | IV        | Data & Signal              | Introduction to Network                                |
| 13.09.2021 | 16       | S.K.S.                   | III       | Class & Objects            | Defination of Class                                    |
| 13.09.2021 | 8        | S.K.S.                   | II        | DBMS                       | Relational Data                                        |
| 14.09.2021 | .        | .                        | .         | <b>CLASS TEACHING</b>      |                                                        |
| 14.09.2021 | 17       | Srinivas singh           | I         | Memory                     | Magnetic Tape                                          |
| 15.09.2021 | 16       | Srinivas singh           | IV        | Data & Signal              | TCP/IP Reference Method                                |
| 16.09.2021 | 18       | Srinivas singh           | I         | I/O Device                 | Cassettes & Cartidge                                   |
| 18.09.2021 | 17       | S.K.S.                   | IV        | Tansmission Media          | Meganetic Media                                        |
| 20.09.2021 | 17       | S.K.S.                   | III       | Class & Objects            | Class Declaration                                      |
| 20.09.2021 | 18       | S.K.S.                   | III       | Class & Objects            | Object Declaration                                     |
| 21.09.2021 | 9        | S.K.S.                   | II        | DBMS                       | Network Hierarchical                                   |
| 21.09.2021 | .        | .                        | .         | <b>CLASS TEACHING/TEST</b> |                                                        |
| 22.09.2021 | 19       | Srinivas singh           | I         | I/O Device                 | Fundamentals of Keyboards, Printers                    |
| 23.09.2021 | 18       | S.K.S.                   | IV        | Transmission Media         | Twisted Pair  Cable                                    |
| 25.09.2021 | 20       | Srinivas singh           | I         | I/O Device                 | CRT & LCD Displays Devices                             |
| 27.09.2021 | 19       | S.K.S.                   | IV        | Transmission Media         | Baseband & Broadband Coaxial Cables                    |
| 27.09.2021 | 19       | S.K.S.                   | III       | Class & Objects            | Class Function Defination Member                       |
| 29.09.2021 | 20       | S.K.S.                   | III       | Class & Objects            | Defination Outside the class, declartion,              |
| 30.09.2021 |          |                          |           |                            | scope resulation oreater                               |
| 01.10.2021 | 10       | Srinivas singh           | II        | DBMS                       | Relation & Manipulation                                |
| 04.10.2021 | .        | .                        | .         | <b>CLASS TEACHING/TEST</b> |                                                        |
| 04.10.2021 | 21       | Srinivas singh           | I         | CPU                        | General Register & Organisation                        |
| 05.10.2021 | 20       | S.K.S.                   | IV        | Transmission Media         | Fiber Optics                                           |
| 05.10.2021 | 22       | Srinivas singh           | I         | CPU                        | Memory Stack                                           |
| 07.10.2021 | 21       | S.K.S.                   | IV        | Wireless Transmission      | Radio Transmission                                     |
| 08.10.2021 | 21       | S.K.S.                   | III       | Class & Object             | Private & Public Member Functions                      |
| 09.10.2021 | 22       | S.K.S.                   | III       | Clas & Object              | Nesting member function creating objetcs               |
| 11.10.2021 | 11       | Srinivas singh           | II        | DBMS                       | Relational Algebra                                     |
| 11.10.2021 | .        | .                        | .         | <b>CLASS TEACHING/TEST</b> |                                                        |
| 18.10.2021 | 22       | S.K.S.                   | IV        | Wireless Transmission      | Microwave Transmission                                 |
| 18.10.2021 | 23       | Srinivas singh           | I         | CPU                        | One Address & Two Address Instructions                 |
| 20.10.2021 | 24       | S.K.S.                   | IV        | Wireless Transmission      | ISDN, ATM                                              |
| 21.10.2021 | 22       | Srinivas singh           | I         | CPU                        | Data Transfer                                          |
| 22.10.2021 | 23       | S.K.S.                   | III       | Calsses & Objects          | Accesssing Member Functions                            |
| 23.10.2021 | 23<br>11 | S.K.S.<br>Srinivas singh | III<br>II | Calsses & Objects<br>DBMS  | Accesssing Member Functions<br>Relational Calculas SQL |
| 25.10.2021 | 25       | S.K.S.                   | IV        | Wireless Transmission      | Data Linklayer, Services, Framing                      |
| 25.10.2021 |          |                          |           | <b>CLASS TEACHING</b>      |                                                        |
| 26.10.2021 | 23       | Srinivas singh           | I         | CPU                        | Arithmetic Logic & Shift                               |
| 26.10.2021 | 26       | S.K.S.                   | IV        | Wireless Transmission      | Error control, error detecting & correcting            |

|            |    |                |     |                            |                                             |
|------------|----|----------------|-----|----------------------------|---------------------------------------------|
| 27.10.2021 |    |                |     |                            | codes                                       |
| 28.10.2021 | 24 | Srinivas singh | I   | CPU                        | Software & Hardware Interrupt               |
| 29.10.2021 | 25 | Srinivas singh | II  | Class & Objects            | Array of Objects                            |
| 30.10.2021 | 26 | Srinivas singh | II  | Class & Objects            | Objects as function Agreement               |
| 08.11.2021 | 12 | Srinivas singh | II  | DBMS                       | Functional Dependencies 1st & 3rd           |
| 08.11.2021 |    |                |     |                            | Normal form                                 |
| 09.11.2021 | .  |                | .   | <b>CLASS TEACHING/TEST</b> |                                             |
| 09.11.2021 | 25 | Srinivas singh | I   | CPU                        | Arithmetic & Instruction Pipeline           |
| 11.11.2021 | 27 | S.K.S.         | IV  | Wireless Transmission      | Data links protocols                        |
| 12.11.2021 | 26 | Srinivas singh | I   | Control Unit               | Construction of instruction                 |
| 13.11.2021 | 30 | S.K.S.         | IV  | HDLC                       | Static & dynamic channel allocation in LANs |
| 16.11.2021 | 27 | S.K.S.         | III | Operator Overloading       | Operator Function, User Defined             |
| 16.11.2021 |    |                |     |                            | Type conversion                             |
| 17.11.2021 | 28 | S.K.S.         | III | Operator Overloading       | Literal, Large Object                       |
| 18.11.2021 | 14 | Srinivas singh | II  | Relation Database Design   | BCNF                                        |
| 20.11.2021 | .  |                |     | <b>CLASS TEACHING</b>      |                                             |
| 22.11.2021 | 29 | Srinivas singh | I   | Control Unit               | Instruction Cycle Organisation              |
| 22.11.2021 | 28 | S.K.S.         | IV  | HDLC                       | Dynamic channel allocation in LANs          |
| 23.11.2021 | 30 | Srinivas singh | I   | Control Unit               | Control Register                            |
| 23.11.2021 | 29 | S.K.S.         | IV  | Multiple Access Protocol   | ALOHA, Congestion Control algo              |
| 25.11.2021 | 29 | S.K.S.         | III | Operator Overloading       | Assignment & Initialisation Subscripting    |
| 26.11.2021 | 30 | S.K.S.         | IV  | Multiple access protocol   | CSMA/CD, IEEE Standards 802.3               |
| 27.11.2021 | 30 | S.K.S.         | III | Operator Overloading       | A String Class                              |
| 29.11.2021 | 15 | Srinivas singh | II  | FoxPro                     | Introduction of FoxPro                      |
| 29.11.2021 | .  |                |     | <b>CLASS TEACHING</b>      |                                             |
| 30.11.2021 | 31 | Srinivas singh | I   | Control unit               | Execution Cycle Organisation of Control     |
| 30.11.2021 |    |                |     |                            | Registers                                   |
| 01.12.2021 | 31 | S.K.S.         | IV  | MAP                        | Ethernet, 802.4, Token Bus                  |
| 02.12.2021 | 32 | Srinivas singh | I   | Control unit               | Sequence of Operation of Control Register   |
| 03.12.2021 | 32 | S.K.S.         | IV  | MAP                        | Ethernet, 802.4, Token ring, Bridges        |
| 07.12.2021 | 31 | S.K.S.         | III | Operator overloading       | Inheritance through extending classes       |
| 07.12.2021 | 32 | S.K.S.         | III | Operator overloading       | Inheritance through extending classes       |
| 08.12.2021 | 16 | Srinivas singh | II  | FoxPro                     | Database Construction                       |
| 09.12.2021 | 33 | S.K.S.         | IV  | MAP                        | Routers, Gateways Routing algos             |
| 11.12.2021 | .  |                |     | <b>CLASS TEACHING</b>      |                                             |
| 13.12.2021 | 33 | Virenda Tiwari | I   | Control unit               | Branch                                      |
| 13.12.2021 | 34 | Virendr Tiwari | I   | Control Unit               | Arithmetic operators                        |
| 14.12.2021 | 34 | S.K.S.         | IV  | MAP                        | Internet Working                            |
| 14.12.2021 | 33 | S.K.S.         | III | OOPS                       | Visibility mode, Signal Inheritance         |
| 14.12.2021 | 35 | S.K.S.         | IV  | MAP                        | IP Addressing                               |
| 15.12.2021 | 34 | S.K.S.         | III | OOPS                       | Derived Class, Defining Derived Classes     |
| 16.12.2021 | 17 | Srinivas singh | II  | Foxpro                     | Searching                                   |
| 17.12.2021 | .  |                |     | <b>CLASS TEACHING/TEST</b> |                                             |
| 18.12.2021 | 35 | Virendr Tiwari | I   | Control Unit               | Skip or Jump Instruction                    |
| 20.12.2021 | 36 | S.K.S.         | IV  | MAP                        | IP Addressing Numericab                     |
| 20.12.2021 | 36 | Viendra Tiwari | I   | Control Unit               | Register Language                           |
| 21.12.2021 | 37 | S.K.S.         | IV  | MAP                        | Revision                                    |
| 21.12.2021 | 35 | S.K.S.         | III | Streaming & Templates      | C.I/O Formatting Files & Streams            |
| 22.12.2021 | 36 | S.K.S.         | III | Steaming Templates         | C I/O Design of Liberties                   |
| 23.12.2021 | 18 | Srinivas singh | II  | Foxpro                     | Sorting                                     |
| 24.12.2021 | .  |                |     | <b>CLASS TEACHING</b>      |                                             |
| 27.12.2021 | 37 | Viendra Tiwari | I   | Control Unit               | Micro.Programming                           |
| 27.12.2021 | 38 | S.K.S.         | IV  | MAP                        | Revision                                    |
| 28.12.2021 | 38 | Srinivas singh | I   | Control Unit               | Micro.Programming                           |
| 28.12.2021 | 39 | S.K.S.         | IV  | MAP                        | Problem                                     |
| 29.12.2021 | 37 | S.K.S.         | III | OOA & Design               | Object Oriented Analysis System Design      |
| 30.12.2021 | 38 | S.K.S.         | III | OOA & Design               | Object Design                               |
| 31.12.2021 | 19 | Srinivas singh | II  | Fox Pro                    | Indexing                                    |
| 01.01.2021 | 40 | S.K.S.         | IV  | MAP                        | Revision                                    |
| 03.01.2021 | .  |                |     | <b>CLASS TEACHING</b>      |                                             |
| 03.01.2021 | 39 | Srinivas singh | I   | Control Unit               | Micro.Programming                           |
| 04.01.2022 | 41 | S.K.S.         | IV  | MAP                        | Revision                                    |

|            |    |                |     |                       |                                  |
|------------|----|----------------|-----|-----------------------|----------------------------------|
| 04.01.2022 | 40 | Srinivas singh | I   | Control Unit          | Program                          |
| 05.01.2022 | 39 | S.K.S.         | III | OOA & Design          | Semantic                         |
| 06.01.2022 | 40 | Srinivas singh | III | OOA & Design          | Entity, Relationship             |
| 07.01.2022 | 20 | Srinivas singh | II  | Foxpro                | Updation                         |
| 08.01.2022 | .  |                |     | <b>CLASS TEACHING</b> |                                  |
| 10.01.2022 | 41 | Srinivas singh | I   | Control Unit          | Shift Instruction                |
| 10.01.2022 | 42 | Srinivas singh | I   | Control Unit          | Revision                         |
| 11.01.2022 | 41 | S.K.S.         | III | OOA & Design          | Modeling                         |
| 11.01.2022 | 42 | S.K.S.         | III | OOA & Design          | Booch's                          |
| 12.01.2022 | 21 | Srinivas singh | II  | FoxPro                | Screen, Designing, Programming   |
| 13.01.2022 | .  |                |     | <b>CLASS TEACHING</b> |                                  |
| 17.01.2022 | 42 | S.K.S.         | IV  | MAP                   | Revision                         |
| 17.01.2022 | 43 | Srinivas singh | I   | CPU                   | Revision                         |
| 18.01.2022 | 43 | S.K.S.         | IV  | Data & Signal         | Revision                         |
| 18.01.2022 | 44 | Srinivas singh | I   | CPU                   | Revision                         |
| 19.01.2022 | 43 | S.K.S.         | III | OOA & Design          | Booch's ooa, ood approach        |
| 20.01.2022 | 44 | S.K.S.         | III | OOA & Design          | Sementic Rules                   |
| 21.01.2022 | 44 | S.K.S.         | IV  | Data & Signal         | Revision                         |
| 22.01.2022 | 22 | Srinivas singh | II  | DBMS                  | Revision                         |
| 24.01.2022 | 40 | S.K.S.         | IV  | Data & Signal         | Revision                         |
| 24.01.2022 | .  |                |     | <b>CLASS TEACHING</b> |                                  |
| 27.01.2022 | 42 | Srinivas singh | I   | CPU                   | Revision                         |
| 28.01.2022 | 42 | Srinivas singh | I   | CPU                   | Revision                         |
| 29.01.2022 | 43 | S.K.S.         | III | OOA & Design          | Overview of Existing Methodology |