

महाराणा प्रताप पी.जी. कॉलेज, जंगल धूसड़, गोरखपुर

कक्षा : बी.एस-सी. भाग तीन			पाठ्यक्रम योजना : सत्र 2022-23		विषय : कम्प्यूटर साइंस
दिनांक	व्याख्यान	प्रध्यापक का नाम	प्रश्नपत्र	अध्यापन	शीर्षक
01-07-2022	1	Nirankar Srivastava	IV	Syllabus:Data Communication & Computers Networks	Introduction/Overview of Subject
02-07-2022	2	Nirankar Srivastava	IV	Data Communication System:	Purpose, Components:
04-07-2022	1	Nirankar Srivastava	I	Syllabus:Computer Architecture & Microprocessors	Introduction/Overview of Subject
04-07-2022	1	Sri Nivas Singh	III	Syllabus:Object Oriented System	Introduction/Overview of Subject
05-07-2022	2	Nirankar Srivastava	I	Principles of Computer Design	Basic components of digital computer system
05-07-2022	2	Sri Nivas Singh	III	Introduction to Object Oriented Concept :	Overview of object oriented system,Abstract data Types,
06-07-2022	1	Nirankar Srivastava	II	Syllabus:Introduction to Database Management System	Introduction/Overview of Subject
07-07-2022	2	Nirankar Srivastava	II	Class Teaching	
08-07-2022	3	Nirankar Srivastava	IV	Data Communication System:	Source, transmitter
09-07-2022	4	Nirankar Srivastava	IV	Data Communication System:	transmission System, receiver and destination
11-07-2022	3	Nirankar Srivastava	I	Principles of Computer Design	overview of construction and operation of arithmetic logic unit (ALU)
11-07-2022	3	Sri Nivas Singh	III	Introduction to Object Oriented Concept :	Polymorphism, Object Identity
12-07-2022	4	Sri Nivas Singh	III	Introduction to Object Oriented Concept :	Object Modeling Concepts, Object Oriented Design
12-07-2022	4	Nirankar Srivastava	I	Register transfer and micro operators:	Register transfer language
13-07-2022	3	Nirankar Srivastava	II	Introduction to Database Management System	Concept of Database and its evaluation
14-07-2022	4	Nirankar Srivastava	II	Class Teaching	
15-07-2022	5	Nirankar Srivastava	IV	Data Communication System:	Data transmission: Frequency
16-07-2022	6	Nirankar Srivastava	IV	Data Communication System:	Spectrum and Bandwidth
18-07-2022	5	Nirankar Srivastava	I	Register transfer and micro operators:	bus and memory transfers,
18-07-2022	5	Sri Nivas Singh	III	Introduction to Object Oriented Concept :	Object Oriented Programming Languages, Object Oriented Database.
19-07-2022	6	Nirankar Srivastava	I	Register transfer and micro operators:	arithmetic micro operators,

19-07-2022	6	Sri Nivas Singh	III	C++ Programming Language	Overview of C++, Programming Paradigm
20-07-2022	5	Nirankar Srivastava	II	Introduction to Database Management System	Data abstraction and data integration
21-07-2022	6	Nirankar Srivastava	II	Class Teaching	
22-07-2022	7	Nirankar Srivastava	IV	Data Communication System:	Analog and digital data transmission
23-07-2022	8	Nirankar Srivastava	IV	Data Communication System:	Data and signal, Analog and digital signaling of analog and digital data
25-07-2022	7	Nirankar Srivastava	I	Register transfer and micro operators:	logic micro operators, Shift micro operators
25-07-2022	7	Sri Nivas Singh	III	C++ Programming Language	Support For Data Abstraction, Support for Object Oriented Programming,
26-07-2022	8	Nirankar Srivastava	I	Register transfer and micro operators:	Bus structure, multiple bus hierarchies
26-07-2022	8	Sri Nivas Singh	III	C++ Programming Language	Declaration and Constants,
27-07-2022	6	Nirankar Srivastava	II	Introduction to Database Management System	the three level architecture of a DBMS
28-07-2022	7	Nirankar Srivastava	II	Monthly Evaluation	
29-07-2022	9	Nirankar Srivastava	IV	Data Communication System:	Modem, Modulation techniques
30-07-2022	10	Nirankar Srivastava	IV	Data Communication System:	CODEC
01-08-2022	9	Nirankar Srivastava	I	Register transfer and micro operators:	elements of bus design,
01-08-2022	9	Sri Nivas Singh	III	C++ Programming Language	Expression and Statement, Function and Files
03-08-2022	8	Nirankar Srivastava	II	Introduction to Database Management System	Components of a DBMS
04-08-2022	9	Nirankar Srivastava	II	Introduction to Database Management System	data models and their implementations:
05-08-2022	11	Nirankar Srivastava	IV	Class Teaching	
06-08-2022	12	Nirankar Srivastava	IV	Data Communication System:	Digital transmitter etc.
08-08-2022	10	Nirankar Srivastava	I	Register transfer and micro operators:	PCI bus structure
08-08-2022	10	Sri Nivas Singh	III	C++ Programming Language	Linkages, How to Make a Library
10-08-2022	10	Nirankar Srivastava	II	Introduction to Database Management System	Relational
11-08-2022	11	Nirankar Srivastava	II	Introduction to Database Management System	Network
13-08-2022	13	Nirankar Srivastava	IV	Data Communication System:	Transmission impairments:
16-08-2022	11	Nirankar Srivastava	I	Class Teaching	

16-08-2022	11	Sri Nivas Singh	III	C++ Programming Language	Functions .
17-08-2022	12	Nirankar Srivastava	II	Introduction to Database Management System	Hierarchical.
19-08-2022	14	Nirankar Srivastava	IV	Data Communication System:	Attenuation and attenuation distortion
20-08-2022	15	Nirankar Srivastava	IV	Data Communication System:	delay distortion
22-08-2022	12	Nirankar Srivastava	I	Memory:	Linear selected memory organisation and coders
22-08-2022	12	Sri Nivas Singh	III	Classes and Objects:	Definition of Class,Class Declaration
23-08-2022	13	Nirankar Srivastava	I	Memory:	Dimension of memory access,
23-08-2022	13	Sri Nivas Singh	III	Classes and Objects:	Class Function Definition,Member Function definition inside and outside the class declaration
24-08-2022	13	Nirankar Srivastava	II	Monthly Evaluation	
25-08-2022	14	Nirankar Srivastava	II	Introduction to Database Management System	Relational data manipulation
26-08-2022	16	Nirankar Srivastava	IV	Data Communication System:	noise
27-08-2022	17	Nirankar Srivastava	IV	Data Communication System:	Introduction to network
01-09-2022	15	Nirankar Srivastava	II	Introduction to Database Management System	Relational algebra
02-09-2022	18	Nirankar Srivastava	IV	Data Communication System:	OSI reference model
03-09-2022	19	Nirankar Srivastava	IV	Class Teaching	
05-09-2022	14	Nirankar Srivastava	I	Memory:	connecting memory chips to a computer bus
05-09-2022	14	Sri Nivas Singh	III	Classes and Objects:	Scope resolution operator(: :),
06-09-2022	15	Nirankar Srivastava	I	Memory:	Magnetic disk memories,
06-09-2022	15	Sri Nivas Singh	III	Classes and Objects:	Private and Public member function,Nesting member function
07-09-2022	16	Nirankar Srivastava	II	Introduction to Database Management System	relational calculus
10-09-2022	20	Nirankar Srivastava	IV	Data Communication System:	TCP/IP reference model,
12-09-2022	16	Nirankar Srivastava	I	Memory:	Floppy disk
12-09-2022	16	Sri Nivas Singh	III	Classes and Objects:	Creating Objects,Accessing Class data members,
13-09-2022	17	Nirankar Srivastava	I	Class Teaching	
13-09-2022	17	Sri Nivas Singh	III	Classes and Objects:	Accessing member functions,Arrays of Objects,Objects as function arguments.

15-09-2022	17	Nirankar Srivastava	II	Introduction to Database Management System	SQL.
16-09-2022	21	Nirankar Srivastava	IV	Data Communication System:	Transmission Media:
19-09-2022	18	Nirankar Srivastava	I	Memory:	Magnetic tape
19-09-2022	18	Sri Nivas Singh	III	Operator Overloading	Operator Function, User Defined Type C
20-09-2022	19	Nirankar Srivastava	I	Memory:	Cassettes and cartridges.
20-09-2022	19	Sri Nivas Singh	III	Operator Overloading	Litreal, large objects
21-09-2022	18	Nirankar Srivastava	II	Relational Database Design:	Functional dependencies
22-09-2022	19	Nirankar Srivastava	II	Class Teaching	
23-09-2022	22	Nirankar Srivastava	IV	Data Communication System:	Magnetic media,
24-09-2022	23	Nirankar Srivastava	IV	Data Communication System:	Twisted-Pair cables
26-09-2022	20	Nirankar Srivastava	I	Input-Output Devices:	Fundamental of keyboards
26-09-2022	20	Sri Nivas Singh	III	Operator Overloading	Assignments and Initialisation, subscripting
27-09-2022	21	Nirankar Srivastava	I	Input-Output Devices:	printers
27-09-2022	21	Sri Nivas Singh	III	Operator Overloading	function call, dereferencing
28-09-2022	20	Nirankar Srivastava	II	Relational Database Design:	1st to 3rd Normal form
29-09-2022	21	Nirankar Srivastava	II	Monthly Evaluation	
30-09-2022	24	Nirankar Srivastava	IV	Data Communication System:	Baseband & Broadband
01-10-2022	25	Nirankar Srivastava	IV	Data Communication System:	Coaxial cables
07-10-2022	26	Nirankar Srivastava	IV	Data Communication System:	Fiber optics.
08-10-2022	27	Nirankar Srivastava	IV	Wireless Transmission:	Radio Transmission
10-10-2022	22	Nirankar Srivastava	I	Input-Output Devices:	CRT and LCD displays devices
10-10-2022	22	Sri Nivas Singh	III	Operator Overloading	increment and decrement, A string Class,
11-10-2022	23	Nirankar Srivastava	I	Class Teaching	
11-10-2022	23	Sri Nivas Singh	III	Operator Overloading	Friends and members.
12-10-2022	22	Nirankar Srivastava	II	Relational Database Design:	BCNF
13-10-2022	23	Nirankar Srivastava	II	Relational Database Design:	Foxpro
14-10-2022	28	Nirankar Srivastava	IV	Wireless Transmission:	Microwave Transmission
15-10-2022	29	Nirankar Srivastava	IV	Wireless Transmission:	ISDN

17-10-2022	24	Nirankar Srivastava	I	Input-Output Devices:	and terminals.
17-10-2022	24	Sri Nivas Singh	III	Inheritance through Extending Classes :	Concept of Inheritance
18-10-2022	25	Nirankar Srivastava	I	Monthly Evaluation	
18-10-2022	25	Sri Nivas Singh	III	Inheritance through Extending Classes :	Base Class
19-10-2022	24	Nirankar Srivastava	II	Relational Database Design:	Introduction to foxpro
20-10-2022	25	Nirankar Srivastava	II	Relational Database Design:	database construction
28-10-2022	30	Nirankar Srivastava	IV	Wireless Transmission:	ATM
29-10-2022	31	Nirankar Srivastava	IV	Wireless Transmission:	Data Link Layer:
01-11-2022	26	Nirankar Srivastava	I	Central Processing Unit (CPU):	General register and organisation,
01-11-2022	26	Sri Nivas Singh	III	Inheritance through Extending Classes :	Definig derived classes
02-11-2022	26	Nirankar Srivastava	II	Class Teaching	
03-11-2022	27	Nirankar Srivastava	II	Relational Database Design:	searching
05-11-2022	32	Nirankar Srivastava	IV	Wireless Transmission:	Services
07-11-2022	27	Nirankar Srivastava	I	Central Processing Unit (CPU):	Memory stack,
07-11-2022	27	Sri Nivas Singh	III	Inheritance through Extending Classes :	Visibility modes
09-11-2022	28	Nirankar Srivastava	II	Relational Database Design:	sorting,
10-11-2022	29	Nirankar Srivastava	II	Relational Database Design:	indexing
11-11-2022	33	Nirankar Srivastava	IV	Class Teaching	
12-11-2022	34	Nirankar Srivastava	IV	Wireless Transmission:	Framing
14-11-2022	28	Nirankar Srivastava	I	Central Processing Unit (CPU):	One address and two address instructions,
14-11-2022	28	Sri Nivas Singh	III	Inheritance through Extending Classes :	single inheritance.
15-11-2022	29	Nirankar Srivastava	I	Central Processing Unit (CPU):	data transfer
15-11-2022	29	Sri Nivas Singh	III	Streams, Templates and Design of Libraries	Streams, Templates and Design of Libraries
16-11-2022	30	Nirankar Srivastava	II	Relational Database Design:	updation
17-11-2022	31	Nirankar Srivastava	II	Relational Database Design:	Reports
18-11-2022	35	Nirankar Srivastava	IV	Class Teaching	

19-11-2022	36	Nirankar Srivastava	IV	Wireless Transmission:	Error Control,
21-11-2022	30	Nirankar Srivastava	I	Central Processing Unit (CPU):	arithmetic logic and shift instructions
21-11-2022	30	Sri Nivas Singh	III	Streams, Templates and Design of Libraries	Output
22-11-2022	31	Nirankar Srivastava	I	Central Processing Unit (CPU):	software and hardware interrupt (Only brief introduction)
22-11-2022	31	Sri Nivas Singh	III	Streams, Templates and Design of Libraries	Input
23-11-2022	32	Nirankar Srivastava	II	Relational Database Design:	Screen designing,
25-11-2022	37	Nirankar Srivastava	IV	Wireless Transmission:	Error-detecting & Correcting Codes
26-11-2022	38	Nirankar Srivastava	IV	Monthly Evaluation	
28-11-2022	32	Nirankar Srivastava	I	Central Processing Unit (CPU):	arithmetic and instruction pipe lines.
28-11-2022	32	Sri Nivas Singh	III	Streams, Templates and Design of Libraries	Formatting
29-11-2022	33	Nirankar Srivastava	I	Control Unit:	Construction of instruction word
29-11-2022	33	Sri Nivas Singh	III	Streams, Templates and Design of Libraries	Files and Streams,
30-11-2022	33	Nirankar Srivastava	II	Relational Database Design:	Programming concepts
01-12-2022	34	Nirankar Srivastava	II	Relational Database Design:	Managing numbers & data.
02-12-2022	39	Nirankar Srivastava	IV	Data Link Protocols:	Stop-and-wait Protocol,
03-12-2022	40	Nirankar Srivastava	IV	Class Teaching	
05-12-2022	34	Nirankar Srivastava	I	Control Unit:	instruction cycle and execution cycle
05-12-2022	34	Sri Nivas Singh	III	Streams, Templates and Design of Libraries	C-I/O,
07-12-2022	35	Nirankar Srivastava	II	Relational Algebra	Set Operator
08-12-2022	36	Nirankar Srivastava	II		
09-12-2022	40	Nirankar Srivastava	IV	Data Link Protocols:	Sliding Window Protocol.
12-12-2022	35	Nirankar Srivastava	I	Control Unit:	organisation of control registers
12-12-2022	35	Sri Nivas Singh	III	Streams, Templates and Design of Libraries	Design of Libraries.
13-12-2022	36	Nirankar Srivastava	I	Class Teaching	
13-12-2022	36	Sri Nivas Singh	III	Object Oriented Analysis & Design	Object Oriented Analysis
14-12-2022	37	Nirankar Srivastava	II	Relational Algebra	Selection operation

15-12-2022	38	Nirankar Srivastava	II	Relational Algebra	Projection Operation
16-12-2022	41	Nirankar Srivastava	IV	HDLC:	Static & Dynamic Channel allocation in LANs & MANs
17-12-2022	42	Nirankar Srivastava	IV	HDLC:	continued previous topic lecture no 41
19-12-2022	37	Nirankar Srivastava	I	Control Unit:	Sequence of operation of control registers
19-12-2022	37	Sri Nivas Singh	III	Object Oriented Analysis & Design	System Design
20-12-2022	38	Nirankar Srivastava	I	Class Teaching	
20-12-2022	38	Sri Nivas Singh	III	Object Oriented Analysis & Design	Object Design
21-12-2022	39	Nirankar Srivastava	II	Joint Opration	Joint Operator
22-12-2022	40	Nirankar Srivastava	II	Object Orianted database model	Introductiuon
23-12-2022	43	Nirankar Srivastava	IV	Multiple Access Protocols:	ALOHA
24-12-2022	44	Nirankar Srivastava	IV	Multiple Access Protocols:	CSMA/CD
26-12-2022	39	Nirankar Srivastava	I	Control Unit:	controlling arithmetic operators
26-12-2022	39	Sri Nivas Singh	III	Object Oriented Analysis & Design	Semantic & Entity
27-12-2022	40	Nirankar Srivastava	I	Monthly Evaluation	
27-12-2022	40	Sri Nivas Singh	III	Object Oriented Analysis & Design	Relationship & Modeling
28-12-2022	41	Nirankar Srivastava	II	Integrity Constrant	Primary key
29-12-2022	42	Nirankar Srivastava	II	Refrencial Constrant	Forein key
30-12-2022	45	Nirankar Srivastava	IV	Multiple Access Protocols:	IEEE-standards 802.3 and Ethernet
31-12-2022	46	Nirankar Srivastava	IV	Multiple Access Protocols:	802.4, Token Bus, 802.5 Token ring
02-01-2023	41	Nirankar Srivastava	I	Control Unit:	BRANCH, SKIP or JUMP instructions
02-01-2023	41	Sri Nivas Singh	III	Object Oriented Analysis & Design	Overview of Existing Methodology
03-01-2023	42	Nirankar Srivastava	I	Class Teaching	
03-01-2023	42	Sri Nivas Singh	III	Object Oriented Analysis & Design	Booch's OOA
04-01-2023	43	Nirankar Srivastava	II	Codd Princicipal	Codd rules
05-01-2023	44	Nirankar Srivastava	II	Generalization	DBMS Aggregation
06-01-2023	47	Nirankar Srivastava	IV	Multiple Access Protocols:	Bridges, Routers, Gateways

07-01-2023	48	Nirankar Srivastava	IV	Multiple Access Protocols:	Routing algos, Congestion control algos
09-01-2023	43	Nirankar Srivastava	I	Control Unit:	SHIFT instructions,
09-01-2023	43	Sri Nivas Singh	III	Object Oriented Analysis & Design	OOD Approach.
10-01-2023	44	Nirankar Srivastava	I	Class Teaching	
11-01-2023	45	Nirankar Srivastava	II	Foxpro Basic Programing	Basic Programing
12-01-2023	46	Nirankar Srivastava	II	Foxpro Basic	Searching
13-01-2023	49	Nirankar Srivastava	IV	Multiple Access Protocols:	Internetworking
16-01-2023	45	Nirankar Srivastava	I	Control Unit:	Register language
17-01-2023	46	Nirankar Srivastava	I	Control Unit:	Microprogramming.
18-01-2023	46	Nirankar Srivastava	II	Class Teaching	
19-01-2023	47	Nirankar Srivastava	II	Foxpro Programing	sorting,
20-01-2023	50	Nirankar Srivastava	IV	Multiple Access Protocols:	The TCP/IP Protocol
21-01-2023	51	Nirankar Srivastava	IV	Multiple Access Protocols:	IP Addressing
23-01-2023	47	Nirankar Srivastava	I	Control Unit:	continued Microprogramming.
24-01-2023	48	Nirankar Srivastava	I	Control Unit:	continued Microprogramming.
25-01-2023	48	Nirankar Srivastava	II	Monthly Evaluation	
27-01-2023	52	Nirankar Srivastava	IV	Multiple Access Protocols:	Subnets
28-01-2023	53	Nirankar Srivastava	IV	Foxpro Programing	Indexing
30-01-2023	49	Nirankar Srivastava	I	Control Unit:	continued Microprogramming.
31-01-2023	50	Nirankar Srivastava	I	Assembly Programing	addition Subtraction

inversion