

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

कक्षा : बी.एस-सी. भाग-दो		पाठ्यक्रम योजना : सत्र २०१६-२०२०		विषय : कम्प्यूटर साइंस	
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2019	1	Harvind Kr.Srivastava	I	Data structure	Introduction
17.07.2019	2	H.K.S.	I	Data structure	Concept of data type
18.07.2019	1	H.K.S.	II	Discrete mathematical	Introduction
19.07.2019	2	H.K.S.	II	Mathematical Logic	Statements & Notations
20.07.2019	1	Virendra Tiwari	II	Mathematical Logic	Statements & Notations
22.07.2019				Class Teaching	
23.07.2019	3	H.K.S.	I	Introduction data structure	Primitive data type
24.07.2019	4	H.K.S.	I	Introduction data structure	Abstract data type
25.07.2019	3	H.K.S.	II	Mathematical Logic	Disjunction & Conjunction normal Forms
26.07.2019	4	H.K.S.	II	Mathematical Logic	Law of duality, Quantifiers, Argument
27.07.2019	2	V.T.	III	Statistical analysis	Arithmetic average, Types of average
29.07.2019				Monthly Evaluation	
30.07.2019	5	H.K.S.	I	Introduction data structure	Polymorphic data type
31.07.2019	6	H.K.S.	I	Introduction data structure	Describe of various data structure
01.08.2019	5	H.K.S.	II	Fundamentals	Sets, Subsets, Infinite, Equal sets
02.08.2019	6	H.K.S.	II	Fundamentals	Infinite, Equal sets laws
03.08.2019	3	V.T.	III	Statistical analysis	Calculation of arithmetic average in a
					discrete series
06.08.2019				Class Teaching	
07.08.2019	7	H.K.S.	I	Introduction data structure	Performance analysis
08.08.2019	8	H.K.S.	I	Introduction data structure	Performance measurement
09.08.2019	7	H.K.S.	II	Fundamentals	Laws (Associative, Distributive)
10.08.2019	8	H.K.S.	II	Fundamentals	Laws (De'morgan's etc)
13.08.2019	4	V.T.	III	Statistical analysis	Problems
14.08.2019				Class Teaching	
16.08.2019	9	H.K.S.	I	Introduction data structure	Defining programs
17.08.2019	10	H.K.S.	I	Introduction data structure	Defining problems
19.08.2019	9	H.K.S.	II	Fundamentals	Venn Digram, Carterisan Product of sets
20.08.2019	10	H.K.S.	II	Fundamentals	Retations, Types of Relations
21.08.2019	5	V.T.	III	Statistical analysis	Problems

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22.08.2019				Class Teaching	
24.08.2019	11	H.K.S.	I	Introduction data structure	Coading, Yesting, Documentation of Program
26.08.2019	12	H.K.S.	I	Introduction data structure	Concept of Recursion
27.08.2019	11	H.K.S.	II	Fundamentals	Types of relations (Equivalance)
28.08.2019	12	H.K.S.	II	Fundamentals	Compositon of Relations
29.08.2019	6	VT.	III	Statistical analysis	Merites of Arithmetic average, demerites of Arithmetic average
30.08.2019				Monthly Evaluation	
02.09.2019	13	H.K.S.	I	IDS	Examples of Recursion Function
03.09.2019	14	H.K.S.	I	IDS	Program of Recursion Function
04.09.2019	13	H.K.S.	II	Functions	Types of Functions, Composition of Function
05.09.2019	14	H.K.S.	II	Graphs	Graph Terminology
06.09.2019	7	VT.	III	Statistical analysis	Median its related problems
07.09.2019				Class Teaching	
09.09.2019	15	H.K.S.	I	Arrays	Introduction
11.09.2019	16	H.K.S.	I	Arrays	Onr Dimensional array
13.09.2019	15	H.K.S.	II	Graphs	Application of graph
14.09.2019	16	H.K.S.	II	Graphs	Finite Graph
16.09.2019	8	VT.	III	Statistical analysis	Median problems
17.09.2019				Class Teaching	
19.09.2019	17	H.K.S.	I	Arrays	Two & multidimentional array
20.09.2019	18	H.K.S.	I	Arrays	[] representation in memory
21.09.2019	17	H.K.S.	II	Graphs	Homomorphism
23.09.2019	18	H.K.S.	II	Graphs	Sub Graph
24.09.2019	9	VT.	III	Statistical analysis	Median its related problems
25.09.2019				Test	
26.09.2019	19	H.K.S.	I	Array	One & Two & Multidimentional of array Program
27.09.2019	20	H.K.S.	I	Linked List	Introduction Linked List
30.09.2019	19	H.K.S.	II	Graphs	Walk Paths
01.10.2019	20	H.K.S.	II	Graphs	Walk Circuits

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03.10.2019	10	V.T.	III	Statistical analysis	Geometric mean
04.10.2019				Class Teaching	
05.10.2019	21	H.K.S.	I	Linked List	Representation of Linked List
12.10.2019	22	H.K.S.	I	Linked List	Operation of Linked List
14.10.2019	21	H.K.S.	II	Graphs	Connected Graph
15.10.2019	22	H.K.S.	II	Graphs	Eulaline Graph
16.10.2019	11	V.T.	III	Statistical problems	Harmonic mean
17.10.2019				Class Teaching/Test	
18.10.2019	23	H.K.S.	I	Linked List	Operation of Linked List
21.10.2019	24	H.K.S.	I	Linked List	Program of Linked List
22.10.2019	23	H.K.S.	II	Graphs	Eulaline Graph
23.10.2019	24	H.K.S.	II	Graphs	Operation of Graph
30.10.2019	12	V.T.	III	Statistical analysis	Introduction to measure of dispersion range
31.10.2019				Class Teaching	
01.11.2019	25	H.K.S.	I	Stack & Queues	Implementation of stack in memory using pointer
04.01.2019	26	H.K.S.	I	Stack & Queues	Implementation of queues in memory using array
05.11.2019	25	H.K.S.	II	Graphs	Hamilton Graph
06.11.2019	26	H.K.S.	II	Graphs	Hamilton Circuits
07.11.2019	13	V.T.	III	Statistical analysis	Problems of range
09.11.2019				Class Teaching	
11.11.2019	27	H.K.S.	I	Stack & Queues	Implementation of squeues in memory using pointer
13.11.2019	28	H.K.S.	I	Stack & Queues	Application of Stack & Queues
14.11.2019	27	H.K.S.	II	Graphs	Konizberg bridge, K.map, Boolean Expression
15.11.2019	28	H.K.S.	II	Graphs	Matrix Representation of Graph
16.11.2019	14	V.T.	III	Startistical analysis	Mean deviation problems
18.11.2019				Class Teaching	
19.11.2019	29	H.K.S.	I	Stack & Queues	Evaluation of Expression (Postfix)
20.11.2019	30	H.K.S.	I	Stack & Queues	Evaluation of Expression (Infix, Prifix)
21.11.2019	29	H.K.S.	II	Posets & Lattices	Partial order relation
22.11.2019	30	H.K.S.	II	Posets & Lattices	Partial order relation

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23.11.2019	15	V.T.	III	Statistical analysis	Introduction to standard deviation & its related problems
25.11.2019				Monthly Evaluation	
26.11.2019	31	H.K.S.	I	Stack & Queues	Circular Queues, Priority queues
27.11.2019	32	H.K.S.	I	Tree	Introduction
28.11.2019	31	H.K.S.	II	Posets & Lattices	Hassel Digram, Poset
29.11.2019	32	H.K.S.	II	Posets & Lattices	Maximal & minimal elements
30.11.2019	16	V.T.	III	Statistical analysis	Merit & demerit of SD coefficient of variation & its problems
02.12.2019				Class Teaching	
03.12.2019	33	H.K.S.	I	Tree	Binary Tree, BST
07.12.2019	34	H.K.S.	I	Tree	Representation of Binary Search tree using array
09.12.2019	33	H.K.S.	II	Posets & Lattices	Maximum & minimum elements
11.12.2019	34	H.K.S.	II	Posets & Lattices	Upper Bound & Lower Bound, Lattices
12.12.2019	17	V.T.	III	Statistical analysis	Introduction to regression & correlation & its type
13.12.2019				Class Teaching	
14.12.2019	35	H.K.S.	I	Searching & Sorting Techniques	Linked search
16.12.2019	36	H.K.S.	I	Searching & Sorting Techniques	Binary search
17.12.2019	35	H.K.S.	II	Posets & Lattices	Lattices
18.12.2019	36	H.K.S.	II	Tree	Introduction
19.12.2019	15	V.T.	III	Statistical analysis	Problems
20.12.2019				Class Teaching	
21.12.2019	37	H.K.S.	I	Sorting	Insertion sort
23.12.2019	38	H.K.S.	I	Sorting	Quick sort
24.12.2019	37	H.K.S.	II	Tree	Properties of Trees
26.12.2019	38	H.K.S.	II	Tree	Introduction
27.12.2019	19	V.T.	III	Statistical analysis	Movement, Kurtosis
28.12.2019				Monthly Evaluation	
30.12.2019	39	H.K.S.	I	Sorting	Merg Sort

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31.12.2019	40	H.K.S.	I	Sorting	Bubble Sorting
01.01.2020	39	H.K.S.	II	Trees	Binary Trees
02.01.2020	40	H.K.S.	II	Trees	Spanning Trees
03.01.2020	20	V.T.	III	Statistical analysis	Movement, Kurtosis
04.01.2020				Class Teaching	
06.01.2020	41	H.K.S.	I	Sorting	Insertion Sort Problem
07.01.2020	42	H.K.S.	I	Sorting	Quick Sort Problem
08.01.2020	41	H.K.S.	II	Trees	Maching
09.01.2020	42	H.K.S.	II	Trees	Matrix Representation
10.01.2020	21	V.T.	III	Approximation Error	Significant figured, accuracy & different type
					of error
11.01.2020				Class Teaching	
13.01.2020	22	V.T.	III	Sorting	Merge Sort Problem
16.01.2020	23	V.T.	III	Sorting	Bubble Sort Problem
17.01.2020	43	H.K.S.	II	Trees	Graph, Coloring
18.01.2020	44	H.K.S.	II	Trees	Direced & Undirected graph
20.01.2020	24	V.T.	III	Root & Equation	Graphical Method, Dissection method, matrix,
					rotation
22.01.2020				Class Teaching	
23.01.2020	25	H.K.S.	I		Revision
24.01.2020		H.K.S.	I		Revision
25.01.2020		H.K.S.	I		Revision
27.01.2020		V.T.	III	System of Linear Algebric	Pivoting & Scaling, lagranejian Poly
				Equation	Nominal, Forwarddifference Method
28.01.2020		V.T.	III	Root & Equation	False Partition method newton raphson method
29.01.2020				Monthly Evaluation	
30.01.2020		V.T.	III	Numerical Integration	Rectangular rule, tropzodal nile simpson 1/3 & 3/8 rule
31.01.2020		V.T.	III	System of Linear elgebric equation	Determination of cramer rule, Grass jaurdan & 24 decomposition method