

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

कक्षा : बी.एस-सी. भाग-दो		पाठ्यक्रम योजना : सत्र २०१८-२०१९		विषय : कम्प्यूटर साइंस	
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2018	1	Harvind Kr.Srivastava	I	Data structure	Introduction
17.07.2018	2	H.K.S.	I	Data structure	Concept of data type
18.07.2018	1	H.K.S.	II	Discrete mathematical	Introduction
19.07.2018	2	H.K.S.	II	Boolean Algebra	Graph Terminology
20.07.2018	1	Virendra Tiwari	III	Statistical analysis	Introduction statistics, Introduction of MCT
21.07.2018				Class Teaching	
23.07.2018	3	H.K.S.	I	Introduction data structure	Primitive data type
24.07.2018	4	H.K.S.	I	Introduction data structure	Abstract data type
25.07.2018	3	H.K.S.	II	Boolean Algebra	Application of graph
26.07.2018	4	H.K.S.	II	Boolean Algebra	Finite graph
27.07.2018	2	V.T.	III	Statistical analysis	Arithmetic average, Types of average
28.07.2018				Class Teaching	
30.07.2018	5	H.K.S.	I	Introduction data structure	Polymorphic data type
31.07.2018	6	H.K.S.	I	Introduction data structure	Describe of various data structure
01.08.2018	5	H.K.S.	II	Boolean Algebra	Homomorphism
02.08.2018	6	H.K.S.	II	Boolean Algebra	Subgroups
03.08.2018	3	V.T.	III	Statistical analysis	Calculation of arithmetic average in a
					discrete series
04.08.2018				Class Teaching	
06.08.2018	7	H.K.S.	I	Introduction data structure	Performance analysis
07.08.2018	8	H.K.S.	I	Introduction data structure	Performance measurement
08.08.2018	7	H.K.S.	II	Boolean Algebra	Walk Paths
09.08.2018	8	H.K.S.	II	Boolean Algebra	Walk circuits
10.08.2018	4	V.T.	III	Statistical analysis	Problems
11.08.2018				Class Teaching	
12.08.2018	9	H.K.S.	I	Introduction data structure	Defining programs
13.08.2018	10	H.K.S.	I	Introduction data structure	Defining problems
16.08.2018	9	H.K.S.	II	Boolean Algebra	Connected graph
17.08.2018	10	H.K.S.	II	Boolean Algebra	Eulaline graph
18.08.2018	5	V.T.	III	Statistical analysis	Problems

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20.08.2018				Test	
21.08.2018	11	H.K.S.	I	Introduction data structure	Coading
23.08.2018	12	H.K.S.	I	Introduction data structure	Testing
24.08.2018	11	H.K.S.	II	Boolean Algebra	Euler graphs
25.08.2018	12	H.K.S.	II	Boolean Algebra	Operation on graphs
27.08.2018	6	VT.	III	Statistical analysis	Merites of Arithmetic average, demerites of Arithmetic average
28.08.2018				Class Teaching	
29.08.2018	13	H.K.S.	I	IDS	Delrigging
30.08.2018	14	H.K.S.	I	IDS	Documentation of program
01.09.2018	13	H.K.S.	II	Boolean Algebra	Hamiltonian graph
04.09.2018	14	H.K.S.	II	Boolean Algebra	Hamiltonian graph
05.09.2018	7	VT.	III	Statistical analysis	Median its related problems
06.09.2018				Class Teaching	
07.09.2018	15	H.K.S.	I	IDS	Concept of reacursion
08.09.2018	16	H.K.S.	I	IDS	Example of recursion function
10.09.2018	15	H.K.S.	II	Boolean Algebra	Hamiltonian Circuits
11.09.2018	16	H.K.S.	II	Boolean Algebra	Konizberg Bridge, K-map, Boolean expression
12.09.2018	8	VT.	III	Statistical analysis	Median problems
13.09.2018				Class Teaching	
14.09.2018	17	H.K.S.	I	Arrays	Introduction
15.09.2018	18	H.K.S.	I	Arrays	One dimensional array
17.09.2018	17	H.K.S.	II	Trees	Trees (Introduction)
18.09.2018	18	H.K.S.	II	Trees	Properties of Trees
19.09.2018	9	VT.	III	Statistical analysis	Median its related problems
20.09.2018				Test	
22.09.2018	19	H.K.S.	I	Array	Two & multidimentional array
24.09.2018	20	H.K.S.	I	Array	[] representation in memory
25.09.2018	19	H.K.S.	II	Trees	Distance and center in Tree
26.09.2018	20	H.K.S.	II	Trees	Rooted Tree

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27.09.2018	10	V.T.	III	Statistical analysis	Geometric mean
28.09.2018				<i>Class Teaching</i>	
01.10.2018	21	H.K.S.	I	Stacks & queues	Implementation of stack in memory using pointer
03.10.2018	22	H.K.S.	I	Stacks & queues	Implementation of queue in memory using array
04.10.2018	21	H.K.S.	II	Trees	Binary Trees
05.10.2018	22	H.K.S.	II	Trees	Spanning Trees
06.10.2018	11	V.T.	III	Statistical problems	Harmonic mean
09.10.2018				<i>Class Teaching/Test</i>	
10.10.2018	23	H.K.S.	I	Stacks & queues	Implementation of queues in memory using pointer
11.10.2018	24	H.K.S.	I	Stacks & queues	Application of stack & queues
12.10.2018	23	H.K.S.	II	Trees	Matching
13.10.2018	24	H.K.S.	II	Trees	Matrix Representation
15.10.2018	12	V.T.	III	Statistical analysis	Introduction to measure of dispersion range
16.10.2018				<i>Class Teaching</i>	
17.10.2018	25	H.K.S.	I	S/Q	Evaluation of expression (postfix, infix, prefix)
22.10.2018	26	H.K.S.	I	S/Q	Circular Queues, priority queues
24.10.2018	25	H.K.S.	II	Trees	Graph
25.10.2018	26	H.K.S.	II	Trees	Coloring
26.10.2018	13	V.T.	III	Statistical analysis	Problems of range
27.10.2018				<i>Class Teaching</i>	
29.10.2018	27	H.K.S.	I	Linked list	Introduction linked list
31.10.2018	28	H.K.S.	I	Linked list	Representation of linked list
01.11.2018	27	H.K.S.	II	Trees	Directed and undirected graph
02.11.2018	28	H.K.S.	II	Mathematical Logic	Statements & Notations
10.11.2018	14	V.T.	III	Statistical analysis	Mean deviation problems
12.11.2018				<i>Test</i>	
13.11.2018	29	H.K.S.	I	Linked list	Operation of linked list
14.11.2018	30	H.K.S.	I	Tree	Introduction
15.11.2018	29	H.K.S.	II	Mathematical Logic	Disjunctive and Conjunctive normal forms (NF)
16.11.2018	30	H.K.S.	II	Lattices	Lattice as Poset

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17.11.2018	15	V.T.	III	Statistical analysis	Introduction to standard deviation & its related problems
18.11.2018				Class Teaching	
20.11.2018	31	H.K.S.	I	Tree	Binary tree, BST
21.11.2018	32	H.K.S.	I	Tree	Representation of binary search tree using array
22.11.2018	31	H.K.S.	II	Boolean algebra	Wired circuits
23.11.2018	32	H.K.S.	II	Boolean algebra	Connected graph
24.11.2018	16	V.T.	III	Statistical analysis	Merit & demerit of SD coefficient of variation & its problems
26.11.2018				Class Teaching	
27.11.2018	33	H.K.S.	I	Searching & sorting technique	Linear search
28.11.2018	34	H.K.S.	I	Searching & sorting technique	Binary search
29.11.2018	33	H.K.S.	II	Boolean algebra	Eulerian graph
30.11.2018	34	H.K.S.	II	Boolean algebra	Euler graph
01.12.2018	17	V.T.	III	Statistical analysis	Introduction to regression & correlation & its type
03.12.2018				Class Teaching	
06.12.2018	35	H.K.S.	I	Sorting	Insertion sort
07.12.2018	36	H.K.S.	I	Sorting	Quick sort
08.12.2018	35	H.K.S.	II	Boolean algebra	Operation on graph
11.12.2018	36	H.K.S.	II	Boolean algebra	Hamiltonian path
12.12.2018	15	V.T.	III	Statistical analysis	Problems
13.12.2018				Test	
14.12.2018	37	H.K.S.	I	Sorting	Merge sort
15.12.2018	38	H.K.S.	I	Sorting	Bubble sort
17.12.2018	37	H.K.S.	II	Boolean algebra	Hamiltonian circuits
18.12.2018	38	H.K.S.	II	Tree	Introduction
19.12.2018	19	V.T.	III	Statistical analysis	Movement, Kurtosis
20.12.2018				Class Teaching	
21.12.2018	39	H.K.S.	I	Insertion sort	Problem

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22.12.2018	40	H.K.S.	I	Quick sort	Problem
31.12.2018	39	H.K.S.	II	Fundamentals	Infinite sets
01.01.2019	40	H.K.S.	II	Fundamentals	Relations
02.01.2019	20	V.T.	III	Approximation error	Significant figured, accuracy & different type errors
03.01.2019				Class Teaching	
04.01.2019	41	H.K.S.	I	Merge sort	Problems
05.01.2019	42	H.K.S.	I	Bubble sort	Problems
07.01.2019	41	H.K.S.	II	Fundamentals	Properties of Relations
08.01.2019	42	H.K.S.	II	Fundamentals	Equivalence Relations
09.01.2019	21	V.T.	III	Root & equation	Graphical method, drisections method, matrix, rotation
10.01.2019				Class Teaching	
11.01.2019	22	V.T.	III	Root & equation	False partition methodn newton raphson method
12.01.2019	23	V.T.	III	Numerical integration	Rectangle rule, tropezodal rule simpson 1/3 & 3/8 rule
17.01.2019	43	H.K.S.	II	Tree Paper	Revision
18.01.2019	44	H.K.S.	II	Tree Paper	Revision
19.01.2019	24	V.T.	III	System of linear algebric equation	Pivoting & scaling, lagranejian polynomial, forward difference method
21.01.2019				Test	
23.01.2019	25	V.T.	III	System of linear algebric equation	Determination of cramer rule, Grass jaurdan & 24 decomportion method