

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

कक्षा : बी.एस-सी. भाग-दो		पाठ्यक्रम योजना : सत्र २०१४-२०१५		विषय : कम्प्यूटर साइंस	
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2014	1	SKT	I	Data structure	Introduction
17.07.2014	2	SKT	I	Data structure	Concept of data type
18.07.2014	1	SKT	II	Discrete mathematical	Introduction
19.07.2014	2	SKT	II	Fundamental	Set, subsets theory
21.07.2014	1	V.T.	III	Statistical analysis	Introduction statistics
22.07.2014				Class Teaching	
23.07.2014	3	SKT	I	Introduction data structure	Primitive data type
24.07.2014	4	SKT	I	Introduction data structure	Abstract data type
26.07.2014	3	SKT	II	Fundamental	Operation on set
28.07.2014	4	SKT	II	Fundamental	Finite & Infinite set
30.07.2014	2	V.T.	III	Statistical analysis	Introduction of MCT
31.07.2014				Class Teaching	
02.08.2014	5	SKT	I	Introduction data structure	Polymorphic data type
04.08.2014	6	SKT	I	Introduction data structure	Describe of various data structure
05.08.2014	5	SKT	II	Fundamental	Relations
06.08.2014	6	SKT	II	Fundamental	Properties of relation
07.08.2014	3	V.T.	III	Statistical analysis	Type of average
08.08.2014				Class Teaching	
09.08.2014	7	SKT	I	Introduction data structure	Performance analysis
11.08.2014	8	SKT	I	Introduction data structure	Performance measurement
12.08.2014	7	SKT	II	Fundamental	Equivalence relations
13.08.2014	8	SKT	II	Fundamental	Boolean algebra
14.08.2014	4	V.T.	III	Statistical analysis	Arithmetic average
16.08.2014				Class Teaching	
19.08.2014	9	SKT	I	Introduction data structure	Defining programs
20.08.2014	10	SKT	I	Introduction data structure	Defining problems
21.08.2014	9	SKT	II	Fundamentals	Boolean algebra
22.08.2014	10	SKT	II	Fundamentals	Boolean algebra poet
23.08.2014	5	V.T.	III	Statistical analysis	Calculation of arithmetic average in a discrete series

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25.08.2014				Test	
26.08.2014	11	SKT	I	Introduction data structure	Coding
27.08.2014	12	SKT	I	Introduction data structure	Testing
28.08.2014	11	SKT	II	Lattices	Introduction lattices
29.08.2014	12	SKT	II	Lattices	Lattice as poet
30.08.2014	6	V.T.	III	Statistical analysis	Calculation of the arithmetic average in a continuous series
01.09.2014				Class Teaching	
02.09.2014	13	SKT	I	IDS	Delrigging
03.09.2014	14	SKT	I	IDS	Documentation of program
04.09.2014	13	SKT	II	Lattices	Properties of lattice
05.09.2014	14	SKT	II	Lattices	Properties of lattice
06.09.2014	7	V.T.	III	Statistical analysis	Problems
10.09.2014				Class Teaching	
12.09.2014	15	SKT	I	IDS	Concept of reacurion
13.09.2014	16	SKT	I	IDS	Example of recursion function
16.09.2014	15	SKT	II	Lattices	Sub lattice
18.09.2014	16	SKT	II	Lattices	Distributed lattice
19.09.2014	8	V.T.	III	Statistical analysis	Problems
20.09.2014				Class Teaching	
22.09.2014	17	SKT	I	Arrays	Introduction
24.09.2014	18	SKT	I	Arrays	One dimensional array
26.09.2014	17	SKT	II	Lattices	Complemented lattice
27.09.2014	18	SKT	II	Boolean algebra	Boolean lattice
29.09.2014	9	V.T.	III	Statistical analysis	Merites of arithmetic average
30.09.2014				Test	
01.10.2014	19	SKT	I	Array	Two & multidimentional array
07.10.2014	20	SKT	I	Array	[] representation in memory
09.10.2014	19	SKT	II	Boolean algebra	Boolean algebra
10.10.2014	20	SKT	II	Boolean algebra	Uniquences of finite boolean algebra

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11.10.2014	10	V.T.	III	Statistical analysis	Demerit of arithmetic average
13.10.2014				Class Teaching	
14.10.2014	21	SKT	I	Stacks & queues	Implementation of stack in memory using pointer
15.10.2014	22	SKT	I	Stacks & queues	Implementation of queue in memory using array
16.10.2014	21	SKT	II	Boolean algebra	Boolean expression
17.10.2014	22	SKT	II	Boolean algebra	K-maps
18.10.2014	11	V.T.	III	Statistical problems	Problems
27.10.2014				Class Teaching/Test	
28.10.2014	23	SKT	I	Stacks & queues	Implementation of queues in memory using pointer
30.10.2014	24	SKT	I	Stacks & queues	Application of stack & queues
31.10.2014	23	SKT	II	Boolean algebra	Use of K maps
01.11.2014	24	SKT	II	Boolean algebra	Graph terminology
07.11.2014	12	V.T.	III	Statistical analysis	Median its related problems
08.11.2014				Class Teaching	
10.11.2014	25	SKT	I	S/Q	Evaluation of expression (postfix, infix, prefix)
11.11.2014	26	SKT	I	S/Q	Circular Queues, priority queues
12.11.2014	25	SKT	II	Boolean algebra	Application of graphs
13.11.2014	26	SKT	II	Boolean algebra	Finite graphs
14.11.2014	13	V.T.	III	Statistical analysis	Median problems
15.11.2014				Class Teaching	
17.11.2014	27	SKT	I	Linked list	Introduction linked list
18.11.2014	28	SKT	I	Linked list	Representation of linked list
19.11.2014	27	SKT	II	Boolean algebra	Infinite graphs
20.11.2014	28	SKT	II	Boolean algebra	Homomorphism
21.11.2014	14	V.T.	III	Statistical analysis	Mode its related problems
22.11.2014				Test	
25.11.2014	29	SKT	I	Linked list	Operation of linked list
26.11.2014	30	SKT	I	Tree	Introduction
27.11.2014	29	SKT	II	Boolean algebra	Subgroups
28.11.2014	30	SKT	II	Boolean algebra	Walks paths

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29.11.2014	15	V.T.	III	Statistical analysis	Problems
01.12.2014				Class Teaching	
02.12.2014	31	SKT	I	Tree	Binary tree, BST
03.12.2014	32	SKT	I	Tree	Representation of binary search tree using array
06.12.2014	31	SKT	II	Boolean algebra	Wired circuits
08.12.2014	32	SKT	II	Boolean algebra	Connected graph
09.12.2014	16	V.T.	III	Statistical analysis	Geometric mean & its related problems
11.12.2014				Class Teaching	
12.12.2014	33	SKT	I	Searching & sorting technique	Linear search
15.12.2014	34	SKT	I	Searching & sorting technique	Binary search
16.12.2014	33	SKT	II	Boolean algebra	Eulerian graph
17.12.2014	34	SKT	II	Boolean algebra	Spanning tree
18.12.2014	17	V.T.	III	Statistical analysis	Geometric mean & its related problems
19.12.2014				Class Teaching	
20.12.2014	35	SKT	I	Sorting	Insertion sort
22.12.2014	36	SKT	I	Sorting	Quick sort
23.12.2014	35	SKT	II	Boolean algebra	Operation on graph
24.12.2014	36	SKT	II	Boolean algebra	Hamiltonian path
26.12.2014	15	V.T.	III	Statistical analysis	Harmonic means & its problems
27.12.2014				Test	
29.12.2014	37	SKT	I	Sorting	Merge sort
30.12.2014	38	SKT	I	Sorting	Bubble sort
31.12.2014	37	SKT	II	Boolean algebra	Hamiltonian circuits
01.01.2015	38	SKT	II	Tree	Introduction
02.01.2015	19	V.T.	III	Statistical analysis	Introduction to measure of dispersion range & its related problem
03.01.2015				Class Teaching	
06.01.2015	39	SKT	I	Insertion sort	Problem
07.01.2015	40	SKT	I	Quick sort	Problem
08.01.2015	39	SKT	II	Tree	Properties of tree

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09.01.2015	40	SKT	II	Tree	Distance & centre infree
10.01.2015	20	V.T.	III	Statistical analysis	Range related problems & mean deviation problem
12.01.2015				Class Teaching	
13.01.2015	41	SKT	I	Merge sort	Problems
17.01.2015	42	SKT	I	Bubble sort	Problems
19.01.2015	41	SKT	II	Tree	Rooted tree
20.01.2015	42	SKT	II	Tree	Matrix representation
21.01.2015	21	V.T.	III	Statistical analysis	Introduction to standard deviation & its related problems
21.01.2015				Class Teaching	
23.01.2015	22	V.T.	III	Statistical analysis	Introduction to standard deviation & its related problems
24.01.2015	23	V.T.	III	Statistical analysis	Merit & demirt of SD cofficient of variation & its problems
27.01.2015	43	SKT	II	Tree	Binary tree
28.01.2015	44	SKT	II	Tree	Graph coloring
29.01.2015	24	V.T.	III	Statistical analysis	Introduction to regression & correlation & its type
30.01.2015				Test	
31.01.2015	5	V.T.	III	Statistical analysis	Problems
02.02.2015	26	V.T.	III	Approximation error	Significant figured, accuracy & different type errors
03.02.2015	45	SKT	II	Tree	Chromatic covering
04.02.2015	46	SKT	II	Tree	Directed graph
05.02.2015	27	V.T.	III	Root & equation	Graphical method, drisections method, matrix, rotation
06.02.2015				Class Teaching	
07.02.2015	28	V.T.	III	Root & equation	False partition methodn newton raphson method
09.02.2015	29	V.T.	III	Numerical integration	Rectangle rule, tropezodal rule simpson 1/3 & 3/8 rule
10.02.2015	30	V.T.	III	System of linear algebric equation	Pivoting & scaling, lagranejian polynomial, forward difference method
11.02.2015	31	V.T.	III	System of linear algebric equation	Determination of cramer rule

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12.02.2015	32	V.T.	III	System of linear algebric equation	Grass jaurdan & 24 decomposition method
13.02.2015				<i>Class Teaching</i>	
14.02.2015					