

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

कक्षा : बी.एस-सी. भाग-दो		पाठ्यक्रम योजना : सत्र २०१५-२०१६		विषय : कम्प्यूटर साइंस	
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2015	1	SKT	I	Data structure	Introduction
20.07.2015	2	SKT	I	Data structure	Concept of data type
21.07.2015	1	SKT	II	Discrete mathematical	Introduction
22.07.2015	2	SKT	II	Fundamental	Set, subsets theory
23.07.2015	1	V.T.	III	Statistical analysis	Introduction statistics, Introduction of MCT Type of average
24.07.2015				Class Teaching	
25.07.2015	3	SKT	I	Introduction data structure	Primitive data type
27.07.2015	4	SKT	I	Introduction data structure	Abstract data type
28.07.2015	3	SKT	II	Fundamental	Operation on set
29.07.2015	4	SKT	II	Fundamental	Finite & Infinite set
30.07.2015	2	V.T.	III	Statistical analysis	Arithmetic average, Calculation of arithmetic average in a discrete series
31.07.2015				Class Teaching	
01.08.2015	5	SKT	I	Introduction data structure	Polymorphic data type
03.08.2015	6	SKT	I	Introduction data structure	Describe of various data structure
04.08.2015	5	SKT	II	Fundamental	Relations
05.08.2015	6	SKT	II	Fundamental	Properties of relation
06.08.2015	3	V.T.	III	Statistical analysis	Type of average
07.08.2015				Class Teaching	
08.08.2015	7	SKT	I	Introduction data structure	Performance analysis
10.08.2015	8	SKT	I	Introduction data structure	Performance measurement
11.08.2015	7	SKT	II	Fundamental	Equivalence relations
12.08.2015	8	SKT	II	Fundamental	Boolean algebra
13.08.2015	4	V.T.	III	Statistical analysis	Problems
14.08.2015				Class Teaching	
17.08.2015	9	SKT	I	Introduction data structure	Defining programs
18.08.2015	10	SKT	I	Introduction data structure	Defining problems
20.08.2015	9	SKT	II	Fundamentals	Boolean algebra
21.08.2015	10	SKT	II	Fundamentals	Boolean algebra poet

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22.08.2015	5	V.T.	III	Statistical analysis	Problems
23.08.2015				Test	
24.08.2015	11	SKT	I	Introduction data structure	Coding
25.08.2015	12	SKT	I	Introduction data structure	Testing
26.08.2015	11	SKT	II	Lattices	Introduction lattices
27.08.2015	12	SKT	II	Lattices	Lattice as poet
31.08.2015	6	V.T.	III	Statistical analysis	Merites of Arithmetic average, demerites of Arithmetic average
01.09.2015				Class Teaching	
03.09.2015	13	SKT	I	IDS	Delrigging
04.09.2015	14	SKT	I	IDS	Documentation of program
07.09.2015	13	SKT	II	Lattices	Properties of lattice
08.09.2015	14	SKT	II	Lattices	Properties of lattice
09.09.2015	7	V.T.	III	Statistical analysis	Median its related problems
10.09.2015				Class Teaching	
11.09.2015	15	SKT	I	IDS	Concept of recursion
12.09.2015	16	SKT	I	IDS	Example of recursion function
14.09.2015	15	SKT	II	Lattices	Sub lattice
15.09.2015	16	SKT	II	Lattices	Distributed lattice
16.09.2015	8	V.T.	III	Statistical analysis	Median problems
18.09.2015				Class Teaching	
19.09.2015	17	SKT	I	Arrays	Introduction
21.09.2015	18	SKT	I	Arrays	One dimensional array
22.09.2015	17	SKT	II	Lattices	Complemented lattice
23.09.2015	18	SKT	II	Boolean algebra	Boolean lattice
24.09.2015	9	V.T.	III	Statistical analysis	Median its related problems
26.09.2015				Test	
28.09.2015	19	SKT	I	Array	Two & multidimentional array
29.09.2015	20	SKT	I	Array	[] representation in memory
01.10.2015	19	SKT	II	Boolean algebra	Boolean algebra

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03.10.2015	20	SKT	II	Boolean algebra	Uniqueness of finite boolean algebra
05.10.2015	10	V.T.	III	Statistical analysis	Geometric mean
06.10.2015				Class Teaching	
07.10.2015	21	SKT	I	Stacks & queues	Implementation of stack in memory using pointer
08.10.2015	22	SKT	I	Stacks & queues	Implementation of queue in memory using array
09.10.2015	21	SKT	II	Boolean algebra	Boolean expression
10.10.2015	22	SKT	II	Boolean algebra	K-maps
14.10.2015	11	V.T.	III	Statistical problems	Harmonic mean
15.10.2015				Class Teaching/Test	
16.10.2015	23	SKT	I	Stacks & queues	Implementation of queues in memory using pointer
17.10.2015	24	SKT	I	Stacks & queues	Application of stack & queues
19.10.2015	23	SKT	II	Boolean algebra	Use of K maps
28.10.2015	24	SKT	II	Boolean algebra	Graph terminology
29.10.2015	12	V.T.	III	Statistical analysis	Introduction to measure of dispersion range
30.10.2015				Class Teaching	
31.10.2015	25	SKT	I	S/Q	Evaluation of expression (postfix, infix, prefix)
02.11.2015	26	SKT	I	S/Q	Circular Queues, priority queues
03.11.2015	25	SKT	II	Boolean algebra	Application of graphs
04.11.2015	26	SKT	II	Boolean algebra	Finite graphs
05.11.2015	13	V.T.	III	Statistical analysis	Problems of range
06.11.2015				Class Teaching	
07.11.2015	27	SKT	I	Linked list	Introduction linked list
14.11.2015	28	SKT	I	Linked list	Representation of linked list
16.11.2015	27	SKT	II	Boolean algebra	Infinite graphs
18.11.2015	28	SKT	II	Boolean algebra	Homomorphism
19.11.2015	14	V.T.	III	Statistical analysis	Mean deviation problems
20.11.2015				Test	
21.11.2015	29	SKT	I	Linked list	Operation of linked list
23.11.2015	30	SKT	I	Tree	Introduction
24.11.2015	29	SKT	II	Boolean algebra	Subgroups

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25.11.2015	30	SKT	II	Boolean algebra	Walks paths
26.11.2015	15	V.T.	III	Statistical analysis	Introduction to standard deviation & its
					related problems
27.11.2015				Class Teaching	
28.11.2015	31	SKT	I	Tree	Binary tree, BST
30.11.2015	32	SKT	I	Tree	Representation of binary search tree using array
01.12.2015	31	SKT	II	Boolean algebra	Walks circuits
03.12.2015	32	SKT	II	Boolean algebra	Connected graph
07.12.2015	16	V.T.	III	Statistical analysis	Merit & demerit of SD coefficient of variation &
					its problems
08.12.2015				Class Teaching	
09.12.2015	33	SKT	I	Searching & sorting technique	Linear search
11.12.2015	34	SKT	I	Searching & sorting technique	Binary search
12.12.2015	33	SKT	II	Boolean algebra	Eulerian graph
14.12.2015	34	SKT	II	Boolean algebra	Euler graph
15.12.2015	17	V.T.	III	Statistical analysis	Introduction to regression & correlation & its
					type
16.12.2015				Class Teaching	
17.12.2015	35	SKT	I	Sorting	Insertion sort
18.12.2015	36	SKT	I	Sorting	Quick sort
19.12.2015	35	SKT	II	Boolean algebra	Operation on graph
21.12.2015	36	SKT	II	Boolean algebra	Hamiltonian path
22.12.2015	15	V.T.	III	Statistical analysis	Problems
28.12.2015				Test	
29.12.2015	37	SKT	I	Sorting	Merge sort
30.12.2015	38	SKT	I	Sorting	Bubble sort
31.12.2015	37	SKT	II	Boolean algebra	Hamiltonian circuits
01.01.2016	38	SKT	II	Tree	Introduction
02.01.2016	19	V.T.	III	Statistical analysis	Movement, Kurtosis
04.01.2016				Class Teaching	

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06.01.2016	39	SKT	I	Insertion sort	Problem
07.01.2016	40	SKT	I	Quick sort	Problem
08.01.2016	39	SKT	II	Tree	Properties of free
09.01.2016	40	SKT	II	Tree	Distance & centre in free
11.01.2016	20	V.T.	III	Approximation error	Significant figured, accuracy & different type errors
12.01.2016				Class Teaching	
13.01.2016	41	SKT	I	Merge sort	Problems
16.01.2016	42	SKT	I	Bubble sort	Problems
18.01.2016	41	SKT	II	Tree	Rooted tree
19.01.2016	42	SKT	II	Tree	Matrix representation
20.01.2016	21	V.T.	III	Root & equation	Graphical method, drisections method, matrix, rotation
21.01.2016				Class Teaching	
22.01.2016	22	V.T.	III	Root & equation	False partition methodn newton raphson method
23.01.2016	23	V.T.	III	Numerical integration	Rectangle rule, tropezodal rule simpson 1/3 & 3/8 rule
25.01.2016	43	SKT	II	Tree	Binary tree, chromatic covering
27.01.2016	44	SKT	II	Tree	Graph coloring, direct graph
28.01.2016	24	V.T.	III	System of linear algebric equation	Pivoting & scaling, lagranejian polynomial, forward difference method
29.01.2016				Test	
30.01.2016	25	V.T.	III	System of linear algebric equation	Determination of cramer rule, Grass jaurdan & 24 decomportion method