

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

कक्षा : बी.एस-सी. भाग-दो		पाठ्यक्रम योजना : सत्र २०१६-२०१७		विषय : कम्प्यूटर साइंस	
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
16.07.2016	1	SKT	I	Data structure	Introduction
18.07.2016	2	SKT	I	Data structure	Concept of data type
19.07.2016	1	SKT	II	Discrete mathematical	Introduction
20.07.2016	2	SKT	II	Fundamental	Set, subsets theory
21.07.2016	1	V.T.	III	Statistical analysis	Introduction statistics, Introduction of MCT
22.07.2016				Class Teaching	
23.07.2016	3	SKT	I	Introduction data structure	Primitive data type
25.07.2016	4	SKT	I	Introduction data structure	Abstract data type
26.07.2016	3	SKT	II	Fundamental	Operation on set
27.07.2016	4	SKT	II	Fundamental	Finite & Infinite set
28.07.2016	2	V.T.	III	Statistical analysis	Arithmetic average, Type of average
29.07.2016				Class Teaching	
30.07.2016	5	SKT	I	Introduction data structure	Polymorphic data type
01.08.2016	6	SKT	I	Introduction data structure	Describe of various data structure
02.08.2016	5	SKT	II	Fundamental	Relations
03.08.2016	6	SKT	II	Fundamental	Properties of relation
04.08.2016	3	V.T.	III	Statistical analysis	Calculation of arithmetic average in a
					discrete series
05.08.2016				Class Teaching	
08.08.2016	7	SKT	I	Introduction data structure	Performance analysis
09.08.2016	8	SKT	I	Introduction data structure	Performance measurement
10.08.2016	7	SKT	II	Fundamental	Equivalence relations
11.08.2016	8	SKT	II	Fundamental	Boolean algebra
12.08.2016	4	V.T.	III	Statistical analysis	Problems
13.08.2016				Class Teaching	
15.08.2016	9	SKT	I	Introduction data structure	Defining programs
16.08.2016	10	SKT	I	Introduction data structure	Defining problems
17.08.2016	9	SKT	II	Fundamentals	Boolean algebra
19.08.2016	10	SKT	II	Fundamentals	Boolean algebra poet
20.08.2016	5	V.T.	III	Statistical analysis	Problems

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22.08.2016				Test	
23.08.2016	11	SKT	I	Introduction data structure	Coding
24.08.2016	12	SKT	I	Introduction data structure	Testing
26.08.2016	11	SKT	II	Lattices	Introduction lattices
27.08.2016	12	SKT	II	Lattices	Lattice as poet
29.08.2016	6	V.T.	III	Statistical analysis	Merites of Arithmetic average, demerites of
30.08.2016				Class Teaching	Arithmetic average
31.08.2016	13	SKT	I	IDS	Delrigging
01.09.2016	14	SKT	I	IDS	Documentation of program
02.09.2016	13	SKT	II	Lattices	Properties of lattice
03.09.2016	14	SKT	II	Lattices	Properties of lattice
05.09.2016	7	V.T.	III	Statistical analysis	Median & its related problems
06.09.2016				Class Teaching	
07.09.2016	15	SKT	I	IDS	Concept of reacurion
08.09.2016	16	SKT	I	IDS	Example of recursion function
09.09.2016	15	SKT	II	Lattices	Sub lattice
10.09.2016	16	SKT	II	Lattices	Distributed lattice
14.09.2016	8	V.T.	III	Statistical analysis	Median problems
15.09.2016				Class Teaching	
16.09.2016	17	SKT	I	Arrays	Introduction
20.09.2016	18	SKT	I	Arrays	One dimensional array
21.09.2016	17	SKT	II	Lattices	Complemented lattice
22.09.2016	18	SKT	II	Boolean algebra	Boolean lattice
23.09.2016	9	V.T.	III	Statistical analysis	Median & its related problems, Mode
24.09.2016				Test	
26.09.2016	19	SKT	I	Array	Two & multidimentional array
27.09.2016	20	SKT	I	Array	[] representation in memory
28.09.2016	19	SKT	II	Boolean algebra	Boolean algebra
29.09.2016	20	SKT	II	Boolean algebra	Uniquences of finite boolean algebra

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03.10.2016	10	V.T.	III	Statistical analysis	Geometric mean
04.10.2016				Class Teaching	
05.10.2016	21	SKT	I	Stacks & queues	Implementation of stack in memory using pointer
06.10.2016	22	SKT	I	Stacks & queues	Implementation of queue in memory using array
07.10.2016	21	SKT	II	Boolean algebra	Boolean expression
08.10.2016	22	SKT	II	Boolean algebra	K-maps
14.10.2016	11	V.T.	III	Statistical problems	Harmonic mean
15.10.2016				Class Teaching/Test	
17.10.2016	23	SKT	I	Stacks & queues	Implementation of queues in memory using pointer
18.10.2016	24	SKT	I	Stacks & queues	Application of stack & queues
19.10.2016	23	SKT	II	Boolean algebra	Use of K maps
20.10.2016	24	SKT	II	Boolean algebra	Graph terminology
21.10.2016	12	V.T.	III	Statistical analysis	Introduction to measure of dispersion range
22.10.2016				Class Teaching	
24.10.2016	25	SKT	I	S/Q	Evaluation of expression (postfix, infix, prefix)
25.10.2016	26	SKT	I	S/Q	Circular Queues, priority queues
26.10.2016	25	SKT	II	Boolean algebra	Application of graphs
02.11.2016	26	SKT	II	Boolean algebra	Finite graphs
03.11.2016	13	V.T.	III	Statistical analysis	Problems of range
04.11.2016				Class Teaching	
05.11.2016	27	SKT	I	Linked list	Introduction linked list
08.11.2016	28	SKT	I	Linked list	Representation of linked list
09.11.2016	27	SKT	II	Boolean algebra	Infinite graphs
10.11.2016	28	SKT	II	Boolean algebra	Homomorphism
11.11.2016	14	V.T.	III	Statistical analysis	Mean deviation problems
12.11.2016				Test	
15.11.2016	29	SKT	I	Linked list	Operation of linked list
17.11.2016	30	SKT	I	Tree	Introduction
18.11.2016	29	SKT	II	Boolean algebra	Subgroups
19.11.2016	30	SKT	II	Boolean algebra	Walks paths

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21.11.2016	15	V.T.	III	Statistical analysis	Introduction to standard deviation & its
					related problems
22.11.2016				Class Teaching	
23.11.2016	31	SKT	I	Tree	Binary tree, BST
25.11.2016	32	SKT	I	Tree	Representation of binary search tree using array
26.11.2016	31	SKT	II	Boolean algebra	Wired circuits
28.11.2016	32	SKT	II	Boolean algebra	Connected graph
29.11.2016	16	V.T.	III	Statistical analysis	Merit & demerit of SD coefficient of variation &
					its problems
30.11.2016				Class Teaching	
01.12.2016	33	SKT	I	Searching & sorting technique	Linear search
02.12.2016	34	SKT	I	Searching & sorting technique	Binary search
06.12.2016	33	SKT	II	Boolean algebra	Eulerian graph
07.12.2016	34	SKT	II	Boolean algebra	Euler graph
08.12.2016	17	V.T.	III	Statistical analysis	Introduction to regression & correlation & its
					type
09.12.2016				Class Teaching	
12.12.2016	35	SKT	I	Sorting	Insertion sort
14.12.2016	36	SKT	I	Sorting	Quick sort
15.12.2016	35	SKT	II	Boolean algebra	Operation on graph
16.12.2016	36	SKT	II	Boolean algebra	Hamiltonian path
17.12.2016	15	V.T.	III	Statistical analysis	Problems
19.12.2016				Test	
20.12.2016	37	SKT	I	Sorting	Merge sort
21.12.2016	38	SKT	I	Sorting	Bubble sort
22.12.2016	37	SKT	II	Boolean algebra	Hamiltonian circuits
24.12.2016	38	SKT	II	Tree	Introduction
26.12.2016	19	V.T.	III	Statistical analysis	Moment, Kurtosis
27.12.2016				Class Teaching	
28.12.2016	39	SKT	I	Insertion sort	Problem

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29.12.2016	40	SKT	I	Quick sort	Problem
30.12.2016	39	SKT	II	Tree	Properties of free
31.12.2016	40	SKT	II	Tree	Distance & centre in free
02.01.2017	20	V.T.	III	Approximation error	Significant figured, accuracy & different type errors
03.01.2017				Class Teaching	
04.01.2017	41	SKT	I	Merge sort	Problems
06.01.2017	42	SKT	I	Bubble sort	Problems
07.01.2017	41	SKT	II	Tree	Rooted tree
09.01.2017	42	SKT	II	Tree	Matrix representation
10.01.2017	21	V.T.	III	Root & equation	Graphical method, drisections method, matrix, rotation
11.01.2017				Class Teaching	
12.01.2017	22	V.T.	III	Root & equation	False partition methodn newton raphson method
13.01.2017	23	V.T.	III	Numerical integration	Rectangle rule, tropezodal rule simpson 1/3 & 3/8 rule
16.01.2017	43	SKT	II	Tree	Binary tree, chromatic covering
17.01.2017	44	SKT	II	Tree	Graph coloring, direct graph
18.01.2017	24	V.T.	III	System of linear algebric	Pivoting & scaling, lagranejian polynomial,
19.01.2017				equation Test	forward difference method
20.01.2017	25	V.T.	III	System of linear algebric	Determination of cramer rule, Grass jaurdan &
				equation	24 decompotion method