

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

कक्षा : बी.एस-सी. भाग-दो			पाठ्यक्रम योजना : सत्र २०१७-२०१८		विषय : कम्प्यूटर साइंस
दिनांक	व्याख्यान	प्राध्यापक का नाम	प्रश्नपत्र	अध्याय	शीर्षक
17.07.2017	1	SKT	I	Data structure	Introduction
18.07.2017	2	SKT	I	Data structure	Concept of data type
19.07.2017	1	SKT	II	Discrete mathematical	Introduction
20.07.2017	2	SKT	II	Boolean Algebra	Graph Terminology
21.07.2017	1	V.T.	III	Statistical analysis	Introduction statistics, Introduction of MCT
22.07.2017				Class Teaching	
24.07.2017	3	SKT	I	Introduction data structure	Primitive data type
25.07.2017	4	SKT	I	Introduction data structure	Abstract data type
26.07.2017	3	SKT	II	Boolean Algebra	Application of graph
27.07.2017	4	SKT	II	Boolean Algebra	Finite graph
29.07.2017	2	V.T.	III	Statistical analysis	Arithmetic average, Types of average
31.07.2017				Class Teaching	
01.08.2017	5	SKT	I	Introduction data structure	Polymorphic data type
02.08.2017	6	SKT	I	Introduction data structure	Describe of various data structure
03.08.2017	5	SKT	II	Boolean Algebra	Homomorphism
04.08.2017	6	SKT	II	Boolean Algebra	Subgroups
05.08.2017	3	V.T.	III	Statistical analysis	Calculation of arithmetic average in a
					discrete series
08.08.2017				Class Teaching	
09.08.2017	7	SKT	I	Introduction data structure	Performance analysis
10.08.2017	8	SKT	I	Introduction data structure	Performance measurement
11.08.2017	7	SKT	II	Boolean Algebra	Walk Paths
12.08.2017	8	SKT	II	Boolean Algebra	Walk circuits
14.08.2017	4	V.T.	III	Statistical analysis	Problems
16.08.2017				Class Teaching	
17.08.2017	9	SKT	I	Introduction data structure	Defining programs
18.08.2017	10	SKT	I	Introduction data structure	Defining problems
19.08.2017	9	SKT	II	Boolean Algebra	Connected graph
21.08.2017	10	SKT	II	Boolean Algebra	Eulaline graph
22.08.2017	5	V.T.	III	Statistical analysis	Problems

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23.08.2017				<i>Test</i>	
24.08.2017	11	SKT	I	Introduction data structure	Coding
25.08.2017	12	SKT	I	Introduction data structure	Testing
26.08.2017	11	SKT	II	Boolean Algebra	Euler graphs
28.08.2017	12	SKT	II	Boolean Algebra	Operation on graphs
29.08.2017	6	V.T.	III	Statistical analysis	Merites of Arithmetic average, demerites of
31.08.2017				<i>Class Teaching</i>	Arithmetic average
01.09.2017	13	SKT	I	IDS	Delrigging
02.09.2017	14	SKT	I	IDS	Documentation of program
05.09.2017	13	SKT	II	Boolean Algebra	Hamiltonian graph
06.09.2017	14	SKT	II	Boolean Algebra	Hamiltonian graph
07.09.2017	7	V.T.	III	Statistical analysis	Median its related problems
08.09.2017				<i>Class Teaching</i>	
09.09.2017	15	SKT	I	IDS	Concept of recursion
11.09.2017	16	SKT	I	IDS	Example of recursion function
12.09.2017	15	SKT	II	Boolean Algebra	Hamiltonian Circuits
13.09.2017	16	SKT	II	Boolean Algebra	Konizberg Bridge, K-map, Boolean expression
14.09.2017	8	V.T.	III	Statistical analysis	Median problems
15.09.2017				<i>Class Teaching</i>	
16.09.2017	17	SKT	I	Arrays	Introduction
18.09.2017	18	SKT	I	Arrays	One dimensional array
19.09.2017	17	SKT	II	Trees	Trees (Introduction)
21.09.2017	18	SKT	II	Trees	Properties of Trees
22.09.2017	9	V.T.	III	Statistical analysis	Median its related problems
23.09.2017				<i>Test</i>	
25.09.2017	19	SKT	I	Array	Two & multidimentional array
26.09.2017	20	SKT	I	Array	[] representation in memory
27.09.2017	19	SKT	II	Trees	Distance and center in Tree
03.10.2017	20	SKT	II	Trees	Rooted Tree

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04.10.2017	10	V.T.	III	Statistical analysis	Geometric mean
06.10.2017				Class Teaching	
07.10.2017	21	SKT	I	Stacks & queues	Implementation of stack in memory using pointer
09.10.2017	22	SKT	I	Stacks & queues	Implementation of queue in memory using array
10.10.2017	21	SKT	II	Trees	Binary Trees
11.10.2017	22	SKT	II	Trees	Spanning Trees
12.10.2017	11	V.T.	III	Statistical problems	Harmonic mean
13.10.2017				Class Teaching/Test	
14.10.2017	23	SKT	I	Stacks & queues	Implementation of queues in memory using pointer
16.10.2017	24	SKT	I	Stacks & queues	Application of stack & queues
23.10.2017	23	SKT	II	Trees	Matching
24.10.2017	24	SKT	II	Trees	Matrix Representation
25.10.2017	12	V.T.	III	Statistical analysis	Introduction to measure of dispersion range
26.10.2017				Class Teaching	
27.10.2017	25	SKT	I	S/Q	Evaluation of expression (postfix, infix, prefix)
28.10.2017	26	SKT	I	S/Q	Circular Queues, priority queues
30.10.2017	25	SKT	II	Trees	Graph
31.10.2017	26	SKT	II	Trees	Coloring
01.11.2017	13	V.T.	III	Statistical analysis	Problems of range
02.11.2017				Class Teaching	
03.11.2017	27	SKT	I	Linked list	Introduction linked list
06.11.2017	28	SKT	I	Linked list	Representation of linked list
07.11.2017	27	SKT	II	Trees	Directed and undirected graph
08.11.2017	28	SKT	II	Mathematical Logic	Statements & Notations
10.11.2017	14	V.T.	III	Statistical analysis	Mean deviation problems
11.11.2017				Test	
13.11.2017	29	SKT	I	Linked list	Operation of linked list
14.11.2017	30	SKT	I	Tree	Introduction
15.11.2017	29	SKT	II	Mathematical Logic	Disjunctive and Conjunctive normal forms (NF)
16.11.2017	30	SKT	II	Lattices	Lattice as Poset

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17.11.2017	15	V.T.	III	Statistical analysis	Introduction to standard deviation & its
					related problems
18.11.2017				Class Teaching	
20.11.2017	31	SKT	I	Tree	Binary tree, BST
21.11.2017	32	SKT	I	Tree	Representation of binary search tree using array
22.11.2017	31	SKT	II	Boolean algebra	Wired circuits
23.11.2017	32	SKT	II	Boolean algebra	Connected graph
24.11.2017	16	V.T.	III	Statistical analysis	Merit & demerit of SD coefficient of variation &
					its problems
25.11.2017				Class Teaching	
27.11.2017	33	SKT	I	Searching & sorting technique	Linear search
28.11.2017	34	SKT	I	Searching & sorting technique	Binary search
29.11.2017	33	SKT	II	Boolean algebra	Eulerian graph
30.11.2017	34	SKT	II	Boolean algebra	Euler graph
01.12.2017	17	V.T.	III	Statistical analysis	Introduction to regression & correlation & its
					type
02.12.2017				Class Teaching	
03.12.2017	35	SKT	I	Sorting	Insertion sort
06.12.2017	36	SKT	I	Sorting	Quick sort
07.12.2017	35	SKT	II	Boolean algebra	Operation on graph
08.12.2017	36	SKT	II	Boolean algebra	Hamiltonian path
09.12.2017	15	V.T.	III	Statistical analysis	Problems
11.12.2017				Test	
12.12.2017	37	SKT	I	Sorting	Merge sort
13.12.2017	38	SKT	I	Sorting	Bubble sort
14.12.2017	37	SKT	II	Boolean algebra	Hamiltonian circuits
15.12.2017	38	SKT	II	Tree	Introduction
16.12.2017	19	V.T.	III	Statistical analysis	Moment, Kurtosis
18.12.2017				Class Teaching	
19.12.2017	39	SKT	I	Insertion sort	Problem

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20.12.2017	40	SKT	I	Quick sort	Problem
21.12.2017	39	SKT	II	Fundamentals	Infinite sets
22.12.2017	40	SKT	II	Fundamentals	Relations
23.12.2017	20	V.T.	III	Approximation error	Significant figured, accuracy & different type errors
26.12.2017				Class Teaching	
27.12.2017	41	SKT	I	Merge sort	Problems
28.12.2017	42	SKT	I	Bubble sort	Problems
29.12.2017	41	SKT	II	Fundamentals	Properties of Relations
30.12.2017	42	SKT	II	Fundamentals	Equivalence Relations
01.01.2018	21	V.T.	III	Root & equation	Graphical method, drisections method, matrix, rotation
02.01.2018				Class Teaching	
03.01.2018	22	V.T.	III	Root & equation	False partition methodn newton raphson method
04.01.2018	23	V.T.	III	Numerical integration	Rectangle rule, tropezodal rule simpson 1/3 & 3/8 rule
05.01.2018	43	SKT	II	Tree Paper	Revision
06.01.2018	44	SKT	II	Tree Paper	Revision
08.01.2018	24	V.T.	III	System of linear algebric	Pivoting & scaling, lagranejian polynomial,
09.01.2018				equation Test	forward difference method
10.01.2018	25	V.T.	III	System of linear algebric	Determination of cramer rule, Grass jaurdan &
				equation	24 decompotion method