

**BCA - II SEM**

**DATA STRUCTURE USING "C" (CODE: 108)**

S. NO.	NAME OF STUDENT	ENROLL. NO.	TOPICS
1	AVINASH SINGH MANKOTIA	00190102018	Introduction to Data Structures
2	CHINMOY SAREN	00290102018	Basic Terminology of Data Structures
3	DEEPANSHU YADAV	00390102018	Elementary Data Organizations
4	DEVAYANI R	00490102018	Classification of data structures
5	DHRUV UTTAM	00590102018	Classification of data structures and its operations.
6	HARSH BHARDWAJ	00690102018	Array : introduction
7	HIMANSHU JAGYA	00790102018	Basic operations on Array
8	JASKARAN SINGH	00890102018	Traversal of an array
9	JASPREET KAUR	00990102018	Insertrion in an Array - at the Beginning,
10	JEEVANDEEP SAINI	01090102018	Insertrion in an Array - at a given location
11	KALPESH GUPTA	01190102018	Insertrion in an Array - at the end
12	KARTIK TANWAR	01290102018	Deletion in an Array - at the Beginning
13	MANTHAN RANA	01390102018	Deletion in an Array -at a given location
14	NAVNEET KUMAR	01490102018	Deletion in an Array - at the end
15	PANKAJ KHANDELWAL	01590102018	Representation of single and multidimensional arrays (up to three dimensions) ;
16	PRERNA KUMARI	01690102018	Sparse arrays - lower and upper triangular matrices and Tri-diagonal matrices
17	PRIYA	01790102018	Addition of two sparse arrays.
18	SANAL AMBUJAKSHAN	01890102018	Subtraction of two sparse arrays.
19	SARTHAK NAGPAL	01990102018	Multidimensional, and, sparse arrays, to be given elementary treatment.
20	SHUBHAM TIWARI	02090102018	Stacks and Queues: Elementary introduction
21	SOURAV CHAUHAN	02190102018	Introduction and primitive operations on stack : push and pop
22	ABHILASH KUMAR	35190102018	Stack application: Polish Notations
23	ADARSH KUMAR	35290102018	Evaluation of postfix expression
24	SHRESTH KHANDURI	35390102018	Conversion from infix to postfix
25	YOGESH SINGH	35490102018	Introduction and deletion: primitive operations on queues
26	ROHIT RAWAT	35590102018	D-queues and priority queues
27	AKASH SHARMA	35690102018	Circular queue
28	RUDRA NARAYANA JENA	40290102018	Lists: Introduction to linked lists;
29	SUVISHA S	40490102018	Sequential and linked lists

30	AMAN SINGH	40590102018	Traversal of link list
31	NAVNEET SHOKEEN	40690102018	Insertion in a link list- at the beginning
32	ROHIT SINGH	40790102018	Insertion in a link list- at the end
33	SALONI JAIN	40990102018	Insertion in a link list- at the given location
34	MANPREET SINGH	41090102018	Deletion in a link list - at the beginning
35	SUNNY KATARIA	41190102018	Deletion in a link list - at a given location
36	SHIVANI GUPTA	41390102018	Deletion in a link list- at the end
37	PIYUSH SAINI	41490102018	Searching in a link list
38	DHRUV MALHOTRA	41590102018	Two way lists and Use of headers
39	BHASKAR AGGARWAL	41690102018	Trees: Introduction and terminology
40	ABHISHEK	41890102018	Traversal of binary trees : inorder
41	NEHA ARORA	41990102018	Traversal of binary trees: preorder
42	ABHINAV RANA	42090102018	Traversal of binary trees: postorder
43	YASH SONI	42190102018	Recursive algorithms for tree operations such as insertion
44	ABHISHEK YADAV	42290102018	Recursive algorithms for tree operations such as deletion
45	SAKSHAM	42390102018	Introduction to AVL trees
46	BHAVYA MALHOTRA	42490102018	Creation of AVL trees
47	AVINASH JAKHAR	42590102018	Rotations in AVL tree : various types
48	DEEPAK UPRETI	42690102018	Left Left Rotation in AVL tree
49	RAVINDER SHAH	42790102018	Right Left Rotation in AVL tree
50	PRABHNOOR SINGH	42890102018	Left right Rotation in AVL tree
51	SHIVAM ARORA	42990102018	Right Right Rotation in AVL tree
52	STANE MATHEW	43090102018	M-way search trees
53	ROHIT SHARMA	43190102018	Multilevel indexing
54	ASHISH THAKUR	43290102018	B-Trees: Introduction
55	ASHWIN SABBANI	43390102018	Indexing with binary search trees
56	ANUBHAV SINGH NEGI	00151402018	Multilevel indexing
57	ARUNA JOSHI	00251402018	Why Multiple Indexing is a better approach to tree indexes
58	AYUSH RAWAT	00351402018	Example for creating a B-tree
59	CHIRAG	00451402018	Sorting Techniques
60	DEEP ANAND	00551402018	Insertion sort
61	DINESH DADWAL	00651402018	Selection sort

62	HITESH BANSAL	00751402018	Merge sort.
63	LAKSHAY GUPTA	00851402018	Searching Techniques
64	MEHUL SHRIVASTAVA	00951402018	Linear search,
65	RISHABH SINGH	01051402018	Binary search
66	RIYA WADHWA	01151402018	Hashing.
67	SHUBHAM TRIPATHI	01251402018	Diffrence between Linear and Nonlinear Data Structure
68	ZUBER ALAM	01351402018	left and right skewed binary search tree
69	SIDDHANT SINGH	40151402018	C function to evaluate an array
70	JANESH KUMAR RAI	40251402018	Function in c to concatenate two strings
71	NIKHIL PRAJAPATI	40351402018	Algorithm for insertion of an element in circular queue
72	SAHIL LUCKY SAINI	40551402018	Time complexity & searching of a N node in a binary search tree