

## Lesson Plan

Name of the Assistant/ Associate Professor...Manoj Kumar.....

Class and Section. BCA Ist year (2nd sem).....

Subject: C programming.....

Week	Date	Topics
1	1-Jan-18	Overview of C, History of C.
	2-Jan-18	Importance of C, Element of C.
	3-Jan-18	C character set, Keywords, identifier
	4-Jan-18	Data types, integer, float, character
	5-Jan-18	void, Constant, types of constant
	6-Jan-18	Variables, Rules of variables.
	7-Jan-18	Sunday
2	8-Jan-18	Assignment statement, symbolic structure of C program
	9-Jan-18	Use of printf & scanf function
	10-Jan-18	Operators, type of operators
	11-Jan-18	Use of operators & expression
	12-Jan-18	Arithmetic, Relational expression.
	13-Jan-18	Sunday
	14-Jan-18	Sunday
3	15-Jan-18	Logical & bitwise expression
	16-Jan-18	Unary expression, Assignment exp
	17-Jan-18	shorthand assignment operators
	18-Jan-18	Conditional operators
	19-Jan-18	Increment & decrement operators
	20-Jan-18	Arithmetic expression
	21-Jan-18	Sunday
4	22-Jan-18	Vasant Panchami
	23-Jan-18	Evaluation of Arithmetic expression.
	24-Jan-18	Sir Chhotu Ram Jayanti
	25-Jan-18	Type casting
	26-Jan-18	Republic Day
	27-Jan-18	Conversion of type casting
	28-Jan-18	Sunday
5	29-Jan-18	operator hierarchy & Associativity
	30-Jan-18	Assignment work
	31-Jan-18	Assignment work.

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Class and Section: BCA I<sup>st</sup> year (2<sup>nd</sup> sem)

Subject: C - programming.....

Week	Date	Topics
1	1-Mar-18	Guru Ravidas Birthday
	2-Mar-18	Holi
	3-Mar-18	Function in C-lang.
	4-Mar-18	Sunday
2	5-Mar-18	Standard mathematical functions.
	6-Mar-18	Input/output function.
	7-Mar-18	Unformatted function.
	8-Mar-18	Formatted function.
	9-Mar-18	Input function via getch().
	10-Mar-18	Getche(), getch() function
	11-Mar-18	Sunday
3	12-Mar-18	gets() function.
	13-Mar-18	output function - putchar() function.
	14-Mar-18	putchar() function.
	15-Mar-18	puts() function
	16-Mar-18	String manipulation, strcpy() function.
	17-Mar-18	strlen() function, strcmp() function
	18-Mar-18	Sunday
4	19-Mar-18	Some other string function
	20-Mar-18	User-defined function, Definition & use
	21-Mar-18	Array, types of array.
	22-Mar-18	prototype, use of prototype fn in C
	23-Mar-18	local variable, static variable
	24-Mar-18	Global variable
	25-Mar-18	Sunday/ Ram Navami
5	26-Mar-18	Difference b/w local & Global variable
	27-Mar-18	Use of local and Global variables.
	28-Mar-18	Passing parameters
	29-Mar-18	Mahavir Jayanti
	30-Mar-18	Recursion, Program on recursion.
	31-Mar-18	Assignment.

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Week	Date	Topics
1	1-Feb-18	Decision making using if statement
	2-Feb-18	Types of If - statement
	3-Feb-18	If - else statement, Flowchart
	4-Feb-18	Sunday
2	5-Feb-18	Program on If - else statement.
	6-Feb-18	Nested - If statement
	7-Feb-18	Flowchart & Advantage of Nested-If
	8-Feb-18	Program on Nested-If statement
	9-Feb-18	Else - If Ladder.
	10-Feb-18	Maharshi Dayanand Saraswati Jayanti
	11-Feb-18	Sunday
3	12-Feb-18	Flowchart on Else-If Ladder.
	13-Feb-18	Maha Shivratri
	14-Feb-18	Program on ELSE-if Ladder.
	15-Feb-18	switch statement.
	16-Feb-18	Difference b/w if-ladder & switch statement
	17-Feb-18	Go-to statement, use of Go-to statement
	18-Feb-18	Sunday
	4	19-Feb-18
20-Feb-18		For-loop, Condition, use & adv. of For-loop.
21-Feb-18		while-loop, initialization, testing of Loop.
22-Feb-18		do-while loop, use of do-while loop
23-Feb-18		Difference b/w For, while & do-while loop.
24-Feb-18		jumps in loop, break statement
25-Feb-18		Sunday
5		26-Feb-18
	27-Feb-18	Nested Loop in C-programming.
	28-Feb-18	Assignment work on looping.

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Name of the Assistant/ Associate Professor: Manoj Kumar

Class and Section: BCA 1<sup>st</sup> year (2<sup>nd</sup> sem)

Subject: C- programming

Week	Date	Topics
1	1-Apr-18	Sunday
	2-Apr-18	Array, defining, Assigning & declaration
	3-Apr-18	Programs on array
	4-Apr-18	string & pointers, processing on array
	5-Apr-18	passing array to function. Array of string
	6-Apr-18	string constant & variables
	7-Apr-18	Declaration & initialization of string
	8-Apr-18	Sunday
2	9-Apr-18	Input/output of string data
	10-Apr-18	Introduction to pointer
	11-Apr-18	storage classes in C- auto, extern
	12-Apr-18	Register & static storage class
	13-Apr-18	scope, storage
	14-Apr-18	Dr Ambedkar Jayanti / Vaisakhi
	15-Apr-18	Sunday
3	16-Apr-18	Algorithm development, Flowcharting
	17-Apr-18	Flowcharting. Continue
	18-Apr-18	Parashurama Jayanti
	19-Apr-18	Development of efficient programming
	20-Apr-18	Revision on structure on C.
	21-Apr-18	Revision on data type
	22-Apr-18	Sunday
4	23-Apr-18	Revision on operator
	24-Apr-18	Revision on decision making & looping
	25-Apr-18	Revision on I/O function
	26-Apr-18	Revision on strings
	27-Apr-18	Revision on pointer
	28-Apr-18	Revision on flow charting

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