

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT /ASSOCIATE PROFESSOR: JYOTI
CLASS/SECTION : BCA II SEM(SEC-H)
SUBJECT : ADVANCED C

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	Declaration and Initialization of String	.....
DAY2 DATE 2-1-18	String I/O	.....
DAY3 DATE 3-1-18	Array of strings,	STRING INPUT
DAY4 DATE 4-1-18	String manipulation Functions	STRING OUTPUT
DAY5 DATE 5-1-18	TUTORIAL	.....
DAY7 DATE 8-1-18	Introduction to structures	.....
DAY8 DATE 9-1-18	Features of Structures	.....
DAY9 DATE 10-1-18	Declaration and Initialization of Structures	STRING FUNCTIONS
DAY10 DATE 11-1-18	Structures within Structures	ARRAY OF STRINGS
DAY11 DATE 12-1-18	TUTORIAL	.....
DAY13 DATE 15-1-18	Array of structures	.....
DAY 14 DATE 16-1-18	Structures and Functions	.....
DAY15 DATE 17-1-18	Union	STRUCTURE INITIALIZATION
DAY16 DATE 18-1-18	Union of Structures	UNION OF STRUCTURES
DAY17 DATE 19-1-18	TUTORIAL	.....
DAY19 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	

DAY21 DATE 24-1-18	HOLIDAY	
DAY22 DATE 25-1-18	Typedef,Enumerations	TYPEDDEF
DAY23 DATE 26-1-18	HOLIDAY	
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 29-1-18	Pointers	ENUMERATIONS
DAY2 DATE 30-1-18	Pointer Variables	.....
DAY3 DATE 31-1-18	HOLIDAY	
DAY4 DATE 1-2-18	Pointer operators	POINTER INITIALIZATION
DAY5 DATE 2-2-18	TUTORIAL	.....
DAY7 DATE 5-2-18	Pointer assignment	.....
DAY8 DATE 6-2-18	Pointer Conversions	.....
DAY9 DATE 7-2-18	Pointer Conversions	POINTER CONVERSION
DAY10 DATE 8-2-18	Pointer Arithmetic	POINTER ARITHMETIC
DAY11 DATE 9-2-18	TUTORIAL ASSIGNMENT 1 STRINGS	.....
DAY13 DATE 12-2-18	Pointer Comparisons	.....
DAY14 DATE 13-2-18	HOLIDAY	
DAY15 DATE 14-2-18	Pointer Comparisons	POINTER COMPARISONS
DAY16 DATE 15-2-18	Pointers and array	POINTER AND ARRAY
DAY17 DATE 16-2-18	TUTORIAL	.....
DAY19 DATE 19-2-18	Pointers and functions	.....
DAY20 DATE 20-2-18	Pointers and Strings	.....
DAY21 DATE 21-2-18	Dymanic Allocation using pointers	POINTERS AND FUNCTIONS

DAY22 DATE 22-2-18	Dymanic Allocation using pointers	POINTERS AND STRINGS
DAY23 DATE 23-2-18	TUTORIAL	.....
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY2 DATE 26-2-18	Pointer to Pointer	.....
DAY3 DATE 27-2-18	TEST & SEMINAR (PG CLASSES)	.....
DAY4 DATE 28-2-18	HOLIDAY	
DAY5 DATE 1-3-18	HOLIDAY	
DAY6 DATE 2-3-18	HOLIDAY	
DAY8 DATE 5-3-18	Files	.....
DAY9 DATE 6-3-18	Introduction to Files	.....
DAY10 DATE 7-3-18	File Types	DYNAMIC MEMORY ALLOCATION
DAY11 DATE 8-3-18	File operations	POINTER TO POINTER
DAY12 DATE 9-3-18	TUTORIAL	.....
DAY 14 DATE 12-3-18	ASSIGNMENT 2 STRUCTURE AND UNION	.....
DAY15 DATE 13-3-18	File Input	.....
DAY16 DATE 14-3-18	File Output	FILES OPERATIONS
DAY17 DATE 15-3-18	Read and Write a file	FILE INPUT
DAY18 DATE 16-3-18	TUTORIAL	.....
DAY20 DATE 19-3-18	Errors in File Handling	.....
DAY21 DATE 20-3-18	Random Access I/O in Files	.....
DAY22 DATE 21-3-18	CONDITIONAL TEST	FILE OUTPUT
DAY23 DATE 22-3-18	CONDITIONAL TEST	RANDOM ACCESS TO FILE

DAY 24 DATE 23-3-18	HOLIDAY	
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 26-3-18	Introduction to Preprocessor	.....
DAY2 DATE 27-3-18	#define	.....
DAY3 DATE 28-3-18	Macro	MACRO
DAY4 DATE 29-3-18	HOLIDAY	
DAY5 DATE 30-3-18	TUTORIAL	.....
DAY7 DATE 2-4-18	Macro/Functions	.....
DAY8 DATE 3-4-18	#include	.....
DAY9 DATE 4-4-18	Conditional compilation directives	#INCLUDE,#DEFINE
DAY10 DATE 5-4-18	Conditional compilation directives	CONDITIONAL DIRECTIVES
DAY11 DATE 6-4-18	TUTORIAL	.....
DAY13 DATE 9-4-18	Undefining a macro	.....
DAY14 DATE 10-4-18	Command line arguments	.....
DAY15 DATE 11-4-18	Command line arguments	DEFINING CLA
DAY16 DATE 12-4-18	Defining CLA	USING CLA
DAY17 DATE 13-4-18	TUTORIAL	.....
DAY19 DATE 16-4-18	Using CLA	.....
DAY20 DATE 17-4-18	Using CLA	.....
DAY21 DATE 18-4-18	HOLIDAY	
DAY22 DATE 19-4-18	DOUBT SESSION	POINTERS AND ARRAY
DAY23 DATE 20-4-18	TUTORIAL	.....

NAME OF ASSISTANT /ASSOCIATE PROFESSOR:JYOTI

CLASS/SECTION

:BSC CS SEM-II

SUBJECT

:PROG. IN C

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY4 DATE 4-1-18	Introduction to C language	.....
DAY5 DATE 5-1-18	History of C language	FORAMTTED I/O
DAY6 DATE 6-1-18	Structure and characteristics of c	SWAP TWO NUMBERS USING THIRD VARIABLE
DAY10 DATE 11-1-18	Character set and identifiers	.....
DAY11 DATE 12-1-18	Keywords and constants	USE SYMBOLIC CONSTANTS
DAY12 DATE 13-1-18	Variables	USE OF OPERATORS
DAY16 DATE 18-1-18	Data types	.....
DAY17 DATE 19-1-18	Assignment statement	USE EXPRESSIONS
DAY18 DATE 20-1-18	Symbolic constant	USE RELATIONAL OPEARTORS
DAY22 DATE 25-1-18	Unformatted and Formatted I/O	.....
DAY23 DATE 26-1-18	HOLIDAY	
DAY 24 DATE 27-1-18	Unformatted and Formatted I/O	USE LOGICAL OPERATORS
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY4 DATE 1-2-18	Operators and Expressions	.....
DAY5 DATE 2-2-18	Types of Operators	FIND GREATER OF TWO NUMBERS
DAY6 DATE 3-2-18	Expressions	FIND PERCENTAGE AND GRADE
DAY10 DATE 8-2-18	Evaluation of Expressions	.....
DAY11 DATE 9-2-18	ASSIGNMENT 1 OPERATORS AND EXPRESSIONS	USE COMPUTER AS CALCULATOR

DAY12 DATE 10-2-18	HOLIDAY	
DAY16 DATE 15-2-18	Type Conversion	.....
DAY17 DATE 16-2-18	Operator precedence and Associativity	FIND GREATER OF THREE NUMBERS
DAY18 DATE 17-2-18	IF Statement	YEAR IS LEAP OR NOT
DAY22 DATE 22-2-18	Switch	.....
DAY23 DATE 23-2-18	GOTO statement	ROOTS OF QUADRATIC EQUATION
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 24-2-18	Looping	FIND FACTORIAL OF A NUMBER
DAY5 DATE 1-3-18	HOLIDAY	
DAY6 DATE 2-3-18	HOLIDAY	
DAY7 DATE 3-3-18	HOLIDAY	
DAY11 DATE 8-3-18	For and while	.....
DAY12 DATE 9-3-18	Do while	SUM OF DIGITS OF A NUMBER
DAY13 DATE 10-3-18	ASSIGNMENT 2 LOOPS	NUMBER IS PALINDROME OR NOT
DAY17 DATE 15-3-18	Jumps in loops	.....
DAY18 DATE 16-3-18	Break	USE OF BREAK
DAY19 DATE 17-3-18	Continue	USE OF CONTINUE
DAY23 DATE 22-3-18	CONDITIONAL TEST	.....
DAY 24 DATE 23-3-18	HOLIDAY	
DAY 25 DATE 24-3-18	CONDITIONAL TEST	NUMBER IS PRIME OR NOT
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY4 DATE 29-3-18	HOLIDAY	

DAY5 DATE 30-3-18	Functions	USE OF USER DEFINED FUNCTION
DAY6 DATE 31-3-18	Passing parameters	FIND HCF USING FUNCTION
DAY10 DATE 5-4-18	Recursion	.....
DAY11 DATE 6-4-18	Storage Classes	FACTORIAL USING RECURSION
DAY12 DATE 7-4-18	Auto,Register	FIND BINOMIAL COEFFICIENT USING FUNCTION
DAY16 DATE 12-4-18	Static ,Extern	.....
DAY17 DATE 13-4-18	Arrays	FIND GREATEST AMONG ARRAY
DAY18 DATE 14-4-18	HOLIDAY	
DAY22 DATE 19-4-18	Types of Array	.....
DAY23 DATE 20-4-18	Structure,Union	TRANSPOSE OF A MATRIX

NAME OF ASSISTANT /ASSOCIATE PROFESSOR:JYOTI

CLASS/SECTION

:BSC CS SEM-IV

SUBJECT

:OPERATING SYSTEM

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	Introduction to operating system, architecture	REVERSE OF A NUMBER
DAY2 DATE 2-1-18	Functions,characteristics,historical evolution,	GENERATE SERIES OF PRIME NUMBERS
DAY3 DATE 3-1-18	Types of operating system	.....
DAY7 DATE 8-1-18	OS as resource Manager, I/O structure	SUM OF ELEMENTS OF ARRAY
DAY8 DATE 9-1-18	Storage structure,storage hierarchy.	ADDITION OF TWO MATRICES
DAY9 DATE 10-1-18	system components	.....
DAY13	Services of operating system,system	CONCEPT OF STRUCTURE

DATE 15-1-18	calls	
DAY 14 DATE 16-1-18	System programs,	STATIC DATA MEMBER
DAY15 DATE 17-1-18	System structures.	.....
DAY19 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	
DAY21 DATE 24-1-18	HOLIDAY	
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 29-1-18	Process concepts, Process state	STATIC MEMBER FUNCTION
DAY2 DATE 30-1-18	Process control block, Operations on processes	SCOPE RESOLUTION OPERATOR
DAY3 DATE 31-1-18	HOLIDAY	
DAY7 DATE 5-2-18	Process Scheduling	PROGRAM OF CONSTRUCTOR
DAY8 DATE 6-2-18	Inter process communication	COPY CONSTRUCTOR
DAY9 DATE 7-2-18	Scheduling criteria, Levels of Scheduling	.....
DAY13 DATE 12-2-18	ASSIGNMENT 1 TYPES OF OPERATING SYSTEM	CONSTRUCTOR OVERLOADING
DAY14 DATE 13-2-18	HOLIDAY	
DAY15 DATE 14-2-18	Scheduling algorithms	.....
DAY19 DATE 19-2-18	Multiple processor scheduling	DESTRUCTOR
DAY20 DATE 20-2-18	Deadlocks: Characterization, Methods of handling, deadlock Detection	PARAMETERIZED CONSTRUCTOR
DAY21 DATE 21-2-18	Prevention, Avoidance, Recovery.	.....
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY2 DATE 26-2-18	Memory management of single-user and multiuser operating system	USE OF MANIPULATORS

DAY3 DATE 27-2-18	Partitioning	FRIEND FUNCTION
DAY4 DATE 28-2-18	HOLIDAY	
DAY8 DATE 5-3-18	Swapping	MATRIX MULTIPLICATION
DAY9 DATE 6-3-18	Paging and Segmentation	CONCEPT OF ARRAY OF OBJECTS
DAY10 DATE 7-3-18	Virtual memory	.....
DAY 14 DATE 12-3-18	ASSIGNMENT 2 SCHEDULING ALGORITHMS	USE OF STRING FUNCTIONS
DAY15 DATE 13-3-18	Page replacement Algorithms	DYNAMIC MEMORY ALLOCATION
DAY16 DATE 14-3-18	Critical section problems	.....
DAY20 DATE 19-3-18	Semaphores	ARRAY OF POINTER TO OBJECTS
DAY21 DATE 20-3-18	Mutual exclusion	THIS POINTER
DAY22 DATE 21-3-18	CONDITIONAL TEST	.....
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 26-3-18	Disk scheduling	PASSING PARAMETERS
DAY2 DATE 27-3-18	Disk structure	FUNCTION OVERLOADING
DAY3 DATE 28-3-18	Disk management	.....
DAY7 DATE 2-4-18	Functions of the file system	USE OF OPERATORS IN C++
DAY8 DATE 3-4-18	File access methods	UNARY OPERATOR OVERLOADING
DAY9 DATE 4-4-18	File allocation methods	.....
DAY13 DATE 9-4-18	Directory systems	BINARY OPERATOR OVERLOADING
DAY14 DATE 10-4-18	Directory systems	VIRTUAL FUNCTION
DAY15 DATE 11-4-18	Structured Organizations	.....
DAY19 DATE 16-4-18	Directory protection mechanism	INLINE FUNCTION
DAY20	file protection mechanisms	PRACTICAL

DATE 17-4-18		
DAY21 DATE 18-4-18	HOLIDAY	

NAME OF ASSISTANT /ASSOCIATE PROFESSOR: JYOTI
CLASS/SECTION : BSC NM SEM-II
SUBJECT : BCE

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY6 DATE 6-1-18	INTRODUCTION TO WORD PROCESSING
DAY12 DATE 13-1-18	CREATING DOCUMENT
DAY18 DATE 20-1-18	MENUS
DAY 24 DATE 27-1-18	FORMATTING
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY6 DATE 3-2-18	EDITING, SPELL CHECKING
DAY12 DATE 10-2-18	HOLIDAY	
DAY18 DATE 17-2-18	SELECTING AND REPLACING TEXT
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 24-2-18	TYPES OF FORMATTING
DAY7 DATE 3-3-18	HOLIDAY	
DAY13 DATE 10-3-18	MAIL MERGE
DAY19 DATE 17-3-18	MACRO
DAY 25 DATE 24-3-18	BOOKMARK
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY6 DATE 31-3-18	HYPERLINK
DAY12	INTRODUCTION TO TABLE

DATE 7-4-18		
DAY18 DATE 14-4-18	HOLIDAY	