

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT PROFESSOR: SWATI SHARMA
CLASS: B.SC. C.A. VI SEM
SUBJECT : ADVANCED PROGRAMMING USING C++

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	INTRODUCTION TO POLYMORPHISM	WAP FOR POLYMORPHISM
DAY2 DATE 2-1-18	VIRTUAL FUNCTIONS	WAP FOR VIRTUAL FUNCTIONS
DAY3 DATE 3-1-18	NEED OF VIRTUAL FUNCTION	.....
DAY7 DATE 8-1-18	PURE VIRTUAL FUNCTION	WAP FOR PURE VIRTUAL FUNCTION
DAY8 DATE 9-1-18	INTRODUCTION TO ABSTRACT CLASS	WAP FOR ABSTRACT CLASS
DAY9 DATE 10-1-18	ABSTRACT CLASS IN DETAIL	.....
DAY13 DATE 15-1-18	FUNCTION OVERRIDING	WAP FOR FUNCTION OVERRIDING
DAY 14 DATE 16-1-18	VIRTUAL DERIVATION	WAP FOR VIRTUAL DESTRUCTOR
DAY15 DATE 17-1-18	VIRTUAL DESTRUCTOR	.....
DAY19 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	
DAY21 DATE 24-1-18	HOLIDAY	
DAY23 DATE 26-1-18	HOLIDAY	
UNIT/PART II	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 29-1-18	BASIC TYPE CONVERSION	WAP FOR BASIC TYPE CONVERSION
DAY2 DATE 30-1-18	CONVERSION FROM CLASS TYPE TO BASIC	WAP FOR CONVERSION FROM CLASS TYPE TO BASIC
DAY3 DATE 31-1-18	HOLIDAY	
DAY7 DATE 5-2-18	CONVERSION FROM BASIC TYPES TO CLASS TYPE	WAP FOR CONVERSION FROM BASIC TYPES TO CLASS TYPE
DAY8 DATE 6-2-18	CONVERSION B/W TYPES OF DIFFERENT CLASSES	WAP FOR CONVERSION B/W TYPES OF DIFFERENT CLASSES
DAY9 DATE 7-2-18	ASSIGNMENT 1 INTRODUCTION TO INHERITANCE	.....
DAY12	HOLIDAY	

DATE 10-2-18		
DAY13 DATE 12-2-18	ACCESS SPECIFIERS	WAP FOR ACCESS SPECIFIERS
DAY14 DATE 13-2-18	HOLIDAY	
DAY15 DATE 14-2-18	RULES OF DERIVATION	.....
DAY19 DATE 19-2-18	PRIVATE DERIVATION	WAP FOR PRIVATE DERIVATION
DAY20 DATE 20-2-18	PROTECTED DERIVATION	WAP FOR PROTECTED DERIVATION
DAY21 DATE 21-2-18	PUBLIC DERIVATION	WAP FOR PUBLIC DERIVATION
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY2 DATE 26-2-18	SINGLE INHERITANCE	WAP FOR SINGLE INHERITANCE
DAY3 DATE 27-2-18	TEST & SEMINAR (PG CLASSES)	WAP FOR HIERARCHICAL INHERITANCE
DAY4 DATE 28-2-18	HOLIDAY	
DAY5 DATE 1-3-18	HOLIDAY	
DAY6 DATE 2-3-18	HOLIDAY	
DAY7 DATE 3-3-18	HOLIDAY	
DAY8 DATE 5-3-18	MULTIPLE INHERITANCE	WAP FOR MULTIPLE INHERITANCE
DAY9 DATE 6-3-18	MULTILEVEL INHERITANCE	WAP FOR MULTILEVEL INHERITANCE
DAY10 DATE 7-3-18	HIERARCHICAL INHERITANCE	.....
DAY 14 DATE 12-3-18	ASSIGNMENT 2 MULTIPATH INHERITANCE	WAP FOR MULTIPATH INHERITANCE
DAY15 DATE 13-3-18	ROLE OF CONSTRUCTOR/DESTRUCTOR IN INHERITANCE	WAP FOR CONSTRUCTOR DESTRUCTOR IN INHERITANCE
DAY16 DATE 14-3-18	GENERICITY IN C++	.....
DAY20 DATE 19-3-18	TEMPLATES, FUNCTION TEMPLATES	WAP FOR TEMPLATES
DAY21 DATE 20-3-18	CONDITIONAL TEST	WAP FOR FUNCTION TEMPLATES
DAY22 DATE 21-3-18	CONDITIONAL TEST	
DAY 24 DATE 23-3-18	HOLIDAY	
UNIT/PART IV	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 26-3-18	CLASS TEMPLATES IN C++	WAP FOR CLASS TEMPLATES

DAY2 DATE 27-3-18	EXCEPTION HANDLING IN C++	WAP FOR EXCEPTION HANDLING
DAY3 DATE 28-3-18	TRY, CATCH, THROW	.....
DAY4 DATE 29-3-18	HOLIDAY	
DAY7 DATE 2-4-18	I/O IN C++	WAP FOR DESTRUCTOR IN INHERITANCE
DAY8 DATE 3-4-18	CLASS HIERARCHY FOR FILES I/O	WAP FOR CREATING I/O FILE
DAY9 DATE 4-4-18	TEXT FILE	.....
DAY13 DATE 9-4-18	BINARY FILE	WAP FOR OPENING FILES
DAY14 DATE 10-4-18	OPENING/CLOSING FILES	WAP FOR CLOSING FILES
DAY15 DATE 11-4-18	FLOW OBJECTS	.....
DAY18 DATE 14-4-18	HOLIDAY	
DAY19 DATE 16-4-18	FILE POINTERS	WAP FOR FILE POINTERS
DAY20 DATE 17-4-18	OPERATIONS ON FILES	WAP FOR OPERATIONS ON FILES
DAY21 DATE 18-4-18	HOLIDAY	

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT PROFESSOR : SWATI SHARMA
CLASS : B.SC. C.A. III SEM
SUBJECT: PROGRAMMING USING VISUAL BASIC

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY4 DATE 4-1-18	INTRODUCTION TO VISUAL BASIC	.....
DAY5 DATE 5-1-18	VISUAL AND NON-VISUAL PROGRAMMING	WAP TO DISPLAY A MESSAGE.
DAY6 DATE 6-1-18	PROCEDURAL PROGRAMMING	WAP FOR ARITHMETIC OPERATIONS
DAY10 DATE 11-1-18	OBJECT ORIENTED PROGRAMMING	.....
DAY11 DATE 12-1-18	EVENT DRIVEN PROGRAMMING	WAP FOR SIMPLE INTEREST
DAY12 DATE 13-1-18	VB ENVIRONMENT	WAP FOR MESSAGE BOX
DAY16 DATE 18-1-18	IMMEDIATE WINDOW	.....
DAY17 DATE 19-1-18	PROJECT EXPLORER	WAP FOR LIST BOX
DAY18	TOOL BOX	WAP FOR COMBO BOX

DATE 20-1-18		
DAY19 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	
DAY21 DATE 24-1-18	HOLIDAY	
DAY22 DATE 25-1-18	PROPERTY WINDOW	.....
DAY23 DATE 26-1-18	HOLIDAY	
DAY 24 DATE 27-1-18	MENU BAR, TOOL BAR	WAP FOR COMBO BOX
UNIT/PART II		
		PRACTICAL
DAY 1 DATE 31-1-18	HOLIDAY	
DAY4 DATE 1-2-18	VARIABLES	.....
DAY5 DATE 2-2-18	ASSINGMENT-1 USER DEFINED DATA TYPE	WAP FOR SCROLL BAR
DAY6 DATE 3-2-18	FORCING VARIABLE DECLARATION	WAP FOR CHECK BOX
DAY10 DATE 8-2-18	SCOPE & LIFE TIME OF VARIABLES	.....
DAY11 DATE 9-2-18	CONSTANTS: NAMED & INTRINSIC	WAP FOR LIST BOX
DAY12 DATE 10-2-18	HOLIDAY	
DAY13 DATE 13-2-18	HOLIDAY	
DAY16 DATE 15-2-18	OPERATORS	.....
DAY17 DATE 16-2-18	I/O IN VB	WAP FOR OPTION BUTTON
DAY18 DATE 17-2-18	VARIOUS CONTROLS FOR I/O IN VB	WAP FOR CONTROL ARRAY
DAY22 DATE 22-2-18	MESSAGE BOX	.....
DAY23 DATE 23-2-18	PRINT STATEMENT	WAP FOR PRINT STATEMENT
UNIT/PART III		
		PRACTICAL
DAY1 DATE 24-2-18	DECISIONS AND CONDITIONS: IF STATEMENT ,IF-THEN ELSE	WAP FOR STUDENT RESULT USING IF-THEN-ELSE
DAY4 DATE 28-2-18	HOLIDAY	
DAY5 DATE 1-3-18	HOLIDAY	
DAY6 DATE 2-2-18	HOLIDAY	
DAY7 DATE 3-2-18	HOLIDAY	

DAY10 DATE 8-3-18	ASSINGMENT-2 LOOPING STATEMENT: DO-LOOPS	.....
DAY11 DATE 9-3-18	FOR-NEXT, WHILE-END	WAP FOR FIBONACCI SERIES
DAY12 DATE 10-3-18	EXIT STATEMENT, NESTED CONTROLS	WAP FOR REVERSE OF A NUMBER
DAY17 DATE 15-3-18	DECLARING, USING ARRAY	.....
DAY18 DATE 16-3-18	1-D ARRAY	WAP TO SORT AN ARRAY
DAY19 DATE 17-3-18	2-D ARRAY	WAP FOR ADDITION OF TWO MATRICES
DAY22 DATE 21-3-18	CONDITIONAL TEST	.....
DAY23 DATE 22-3-18	CONDITIONAL TEST	.....
DAY 24 DATE 23-3-18	HOLIDAY	
DAY 25 DATE 24-3-18	COLLECTION	WAP FOR COLLECTION IN VB
UNIT/PART IV		PRACTICAL
DAY4 DATE 29-3-18	HOLIDAY	
DAY5 DATE 30-3-18	INTRODUCTION TO PROCEDURES	.....
DAY6 DATE 31-3-18	GENERAL AND EVENT PROCEDURES	.....
DAY10 DATE 5-4-18	SUBROUTINES	.....
DAY11 DATE 6-4-18	FUNCTIONS	WAP FOR FUNCTIONS
DAY12 DATE 7-4-18	CALLING PROCEDURES	WAP FOR SELECT CASE
DAY16 DATE 12-4-18	ARGUMENTS-PASSING MECHANISM	.....
DAY17 DATE 13-4-18	OPTIONAL ARGUMENT	WAP FOR INPUT BOX
DAY18 DATE 14-4-18	HOLIDAY	
DAY21 DATE 18-4-18	HOLIDAY	
DAY22 DATE 19-4-18	NAMED ARGUMENT	.....
DAY23 DATE 20-4-18	FUNCTION	WAP FOR IMAGE BOX AND PICTURE BOX

LESSON PLAN FOR EVEN SEM
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NAME OF ASSISTANT PROFESSOR: SWATI SHARMA
CLASS/SECTION: BSC (NM) SEC-B II SEM
SUBJECT: BASIC COMPUTER EDUCATION

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY4 DATE 4-1-18	INTRODUCTION TO WORD PROCESSING	.....
DAY5 DATE 5-1-18	MENUS	.....
DAY6 DATE 6-1-18	CREATING DOCUMENT	.....
DAY10 DATE 11-1-18	FORMATTING DOCUMENT	.....
DAY11 DATE 12-1-18	EDITING DOCUMENT	.....
DAY12 DATE 13-1-18	SPELL CHECKING	.....
DAY16 DATE 18-1-18	PRINTING	.....
DAY 17 DATE 19-1-18	ZOOM COMMAND	.....
DAY18 DATE 20-1-18	IMPORT FILE	.....
DAY219 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	
DAY21 DATE 24-1-18	HOLIDAY	
DAY22 DATE 25-1-18	EXPORT FILE	.....
DAY23 DATE 26-1-18	HOLIDAY	
DAY24 DATE 27-1-18	SAVING DOCUMENT	.....
UNIT/PART II		
	THEORY	
DAY3 DATE 31-1-18	HOLIDAY	
DAY4 DATE 1-2-18	INSERTING ANOTHER DOC INTO CURRENT DOC	.....
DAY5 DATE 2-2-18	SELECTION TEXT	.....
DAY6 DATE 3-2-18	REPLACING TEXT	.....
DAY10 DATE 8-2-18	TEMPLATE	.....
DA11 DATE 9-2-18	ASSIGNMENT-1 TYPES OF FORMATTING	.....
DA12 DATE 10-2-18	HOLIDAY	
DAY14 DATE 13-2-18	HOLIDAY	

DAY16 DATE 15-2-18	INTRO TO TABLES	.....
DAY17 DATE 16-2-18	AUTOFIT , USING GRAPHICS AND WORD ART	.....
DAY18 DATE 17-2-18	MERGE AND SPLIT CELL	.....
DAY22 DATE 22-2-18	SPELLING CHECKING AND GRAMMER	.....
DAY23 DATE 23-2-18	SORTING, AUTO CORRECT, AUTO TEXT	.....
UNIT/PART III		
	THEORY	
DAY4 DATE 28-2-18	HOLIDAY	
DAY5 DATE 1-3-18	HOLIDAY	
DAY6 DATE 2-3-18	HOLIDAY	
DAY7 DATE 3-3-18	HOLIDAY	
DAY11 DATE 8-3-18	MACROS	.....
DAY12 DATE 9-3-18	MAIL MERGE	.....
DAY13 DATE 10-3-18	BOOK MARK HYPERLINK	.....
DAY17 DATE 15-3-18	INTRO TO INTERNET	.....
DAY18 DATE 16-3-18	DIAL UP CONNECTION, EMAIL	.....
DAY 19 DATE 17-3-18	ASSIGNMENT 2	.....
DAY23 DATE 22-3-18	CONDITIONAL TEST	.....
DAY 24 DATE 23-3-18	HOLIDAY	
DAY 25 DATE 24-3-18	CONDITIONAL TEST	.....
UNIT/PART IV		
	THEORY	
DAY4 DATE 29-3-18	HOLIDAY	
DAY5 DATE 30-3-18	DNS, FTP	.....
DAY6 DATE 31-3-18	IP ADDRESS, TELNET	.....
DAY10 DATE 5-4-18	URL ADDRESS	.....
DAY11 DATE 6-4-18	HTTP	.....
DAY12 DATE 7-4-18	CREATING AN EMAIL	.....

DAY16 DATE 12-4-18	SENDING AND DELETING AN EMAIL	.....
DAY17 DATE 13-4-18	NET SURFING	.....
DAY18 DATE 14-4-18	HOLIDAY	
DAY21 DATE 18-4-18	HOLIDAY	
DAY22 DATE 19-4-18	SEARCH ENGINE	.....
DAY23 DATE 20-4-18	WEB BROWSERS	.....

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT PROFESSOR: SWATI SHARMA
CLASS/SECTION: BA(SEC-B) II SEM
SUBJECT: BASIC COMPUTER EDUCATION (PRACTICAL)

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY1 DATE 1-1-18	-----	INTRODUCTION TO WORD PROCESSING
DAY2 DATE 2-1-18	-----	MENUS
DAY3 DATE 3-1-18	-----	CREATING DOCUMENT
DAY7 DATE 8-1-18	-----	FORMATTING DOCUMENT
DAY8 DATE 9-1-18	-----	EDITING DOCUMENT
DAY9 DATE 10-1-18	-----	SPELL CHECKING
DAY13 DATE 15-1-18	-----	PRINTING AND SAVING DOCUMENT
DAY 14 DATE 16-1-18	-----	ZOOM COMMAND
DAY15 DATE 17-1-18	-----	IMPORT AND EXPORT FILE
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	-----	INSERTING ANOTHER DOC INTO CURRENT DOC
DAY2 DATE 30-1-18	-----	SELECTION & REPLACING TEXT

DAY3 DATE 31-1-18	HOLIDAY	
DAY7 DATE 5-2-18	-----	TEMPLATE
DAY8 DATE 6-2-18	-----	TYPES OF FORMATTING
DAY9 DATE 7-2-18	-----	ASSIGNMENT 1
DAY13 DATE 12-2-18	-----	INTRO TO TABLES
DAY14 DATE 13-2-18	HOLIDAY	
DAY15 DATE 14-2-18	-----	AUTOFIT AND SORTING
DAY16 DATE 15-2-18	-----	MERGE AND SPLIT CELL
DAY19 DATE 19-2-18	-----	SPELLING CHECKING AND GRAMMER
DAY20 DATE 20-2-18	-----	USING GRAPHICS AND WORD ART
DAY21 DATE 21-2-18	-----	THESAURUS & AUTO CORRECT
DAY22 DATE 22-2-18	-----	AUTOTEXT
UNIT/PART III	TOPIC	
	THEORY	PRACTICAL
DAY2 DATE 26-2-18	-----	MACROS
DAY3 DATE 27-2-18	-----	MAIL MERGE
DAY4 DATE 28-2-18	HOLIDAY	
DAY5 DATE 1-3-18	HOLIDAY	
DAY6 DATE 2-3-18	HOLIDAY	
DAY7 DATE 3-3-18	HOLIDAY	
DAY8 DATE 5-3-18	-----	BOOK MARK & HYPERLINK
DAY9 DATE 6-3-18	-----	INTRO TO INTERNET
DAY10 DATE 7-3-18	-----	DIAL UP CONNECTION
DAY 14 DATE 12-3-18	-----	ASSIGNMENT 2
DAY15 DATE 13-3-18	-----	BROADBAND CONNECTION AND WI-FI
DAY16 DATE 14-3-18	-----	EMAIL
DAY20 DATE 19-3-18	-----	WWW AND WEBSITE

DAY21 DATE 20-3-18	-----	TEST
DAY 24 DATE 23-3-18	HOLIDAY	
UNIT/PART IV	THEORY	
	THEORY	PRACTICAL
DAY1 DATE 26-3-18	-----	IRC AND VIDEO CONFERENCING
DAY2 DATE 27-3-18	-----	NEWSGROUP AND OTHER INTERNET SERVICES
DAY3 DATE 28-3-18	-----	FTP AND TELNET
DAY4 DATE 29-3-18	HOLIDAY	
DAY7 DATE 2-4-18	-----	DNS
DAY8 DATE 3-4-18	-----	IP ADDRESS
DAY9 DATE 4-4-18	-----	URL ADDRESS
DAY13 DATE 9-4-18	-----	HTTP & NET SURFING
DAY14 DATE 10-4-18	-----	CREATING AN EMAIL
DAY15 DATE 11-4-18	-----	SENDING AND DELETING AN EMAIL
DAY18 DATE 14-4-18	HOLIDAY	
DAY19 DATE 16-4-18	-----	SEARCH ENGINE
DAY20 DATE 17-4-18	-----	WEB BROWSERS

LESSON PLAN FOR EVEN SEM
SESSION 2017-18

NAME OF ASSISTANT PROFESSOR: SWATI SHARMA
CLASS/SECTION: B.COM.(CA) II SEM
SUBJECT: C LANGUAGE (PRACTICAL)

UNIT/PART I	TOPIC	
	THEORY	PRACTICAL
DAY4 DATE 4-1-18	INTRODUCTION TO C LANGUAGE
DAY5 DATE 5-1-18	BASIC PROGRAMS
DAY6 DATE 6-1-18	IF STATEMENT
DAY10 DATE 11-1-18	IF ELSE STATEMENT
DAY11 DATE 12-1-18	SWITCH STATEMENT
DAY12	CONTINUE STATEMENT

DATE 13-1-18		
DAY16 DATE 18-1-18	.....	BREAK STATEMENT
DAY 17 DATE 19-1-18	.....	LOOPS- INTRO
DAY18 DATE 20-1-18	.....	WHILE LOOP
DAY219 DATE 22-1-18	HOLIDAY	
DAY20 DATE 23-1-18	SPORTS DAY	
DAY21 DATE 24-1-18	HOLIDAY	
DAY22 DATE 25-1-18	.....	DO WHILE LOOP
DAY23 DATE 26-1-18	HOLIDAY	
DAY24 DATE 27-1-18	.....	FOR LOOP
UNIT/PART II		
	THEORY	
DAY3 DATE 31-1-18	HOLIDAY	
DAY4 DATE 1-2-18	.....	LOOPS - CONTINUED
DAY5 DATE 2-2-18	.....	LOOPS - CONTINUED
DAY6 DATE 3-2-18	.....	PYRAMID PROGRAMS
DAY10 DATE 8-2-18	.....	PYRAMID PROGRAMS- CONTINUED
DA11 DATE 9-2-18	ASSIGNMENT-1	PYRAMID PROGRAMS- CONTINUED
DA12 DATE 10-2-18	HOLIDAY	
DAY14 DATE 13-2-18	HOLIDAY	
DAY16 DATE 15-2-18	.....	MATRIX PROGRAMS
DAY17 DATE 16-2-18	.....	MATRIX PROGRAMS - CONTINUED
DAY18 DATE 17-2-18	.....	STRINGS
DAY22 DATE 22-2-18	.....	STRINGS - CONTINUED
DAY23 DATE 23-2-18	.....	USER DEFINED FUNCTIONS
UNIT/PART III		
	THEORY	
DAY4 DATE 28-2-18	HOLIDAY	
DAY5	HOLIDAY	

DATE 1-3-18		
DAY6 DATE 2-3-18	HOLIDAY	
DAY7 DATE 3-3-18	HOLIDAY	
DAY11 DATE 8-3-18	.....	FUNCTIONS
DAY12 DATE 9-3-18	.....	RECURSION USING FUNCTIONS
DAY13 DATE 10-3-18	.....	POINTERS
DAY17 DATE 15-3-18	.....	POINTERS - CONTINUED
DAY18 DATE 16-3-18	.....	SWAP USING POINTERS
DAY 19 DATE 17-3-18	ASSIGNMENT 2	STRUCTURES
DAY23 DATE 22-3-18	CONDITIONAL TEST	STRUCTURES- CONTINUED
DAY 24 DATE 23-3-18	HOLIDAY	
DAY 25 DATE 24-3-18	CONDITIONAL TEST	STRUCTURES- CONTINUED
UNIT/PART IV		
	THEORY	
DAY4 DATE 29-3-18	HOLIDAY	
DAY5 DATE 30-3-18	.....	REVISION OF PYRAMID PROGRAMS
DAY6 DATE 31-3-18	.....	ARRAY OF STRUCTURE
DAY10 DATE 5-4-18	.....	PASS STRUCTURE TO FUNCTION
DAY11 DATE 6-4-18	.....	DOUBTS
DAY12 DATE 7-4-18	.....	TEST OF LOOPS AND STATEMENTS
DAY16 DATE 12-4-18	.....	UNIONS
DAY17 DATE 13-4-18	.....	UNIONS- CONTINUED
DAY18 DATE 14-4-18	HOLIDAY	
DAY21 DATE 18-4-18	HOLIDAY	
DAY22 DATE 19-4-18	.....	LOOPS TO PRINT SERIES
DAY23 DATE 20-4-18	.....	LOOPS TO PRINT SERIES

NAME OF TEACHER