

Subject: Structured Computer Languages
Faculty Name: Mr. Rajeev Kumar
Lecture Plan

Unit No.	Topic	Lectures	Date	Book Code	Page No.
UNIT -I	Data types: definitions.	1		B1 & B2	
	Integer,character,floats,etc	1		B1 & B2	
	Constants and variables.	1		B1 & B2	
	Declaration,statement,integer constant	1		B1 & B2	
	Variable,integer expression,assignment.	1		B1 & B2	
	Boolean type,token keywords,identifier.	1		B1	
UNIT-II	Control structure,while statement.	2		B1	
	If –else statement,nested if statement.	2		B1	
	Nested logic, for loop, do-while loop., loop inside a loop structure	3		B1 & B2	
	Operators and expressions.	1		B1 & B2	
UNIT-III	Arrays and strings:introduction.	2		B1	
	Initialization ,declaration., more about arrays.	2		B1	
	String handling:comparision,concatenation	2		B1	
	Copy,finding string length	2		B1	
UNIT-IV	Sequence control:user defined and library functions	1		B1 & B2	
	Definition,declaration.	2		B1 & B2	
	Return values and their types, function calls	2		B1 & B2	
	Recursion	2		B1 & B2	
	Pointers	1		B1 & B2	
UNIT -V	Elementary and structure data type.	1		B1 & B2	
	Structures	1		B1 & B2	
	Unions,enumerations	2		B1 & B2	
	File and file structure:defining,opening,closing.	2		B1 & B2	
	Input/ output operations on files.	2		B1 & B2	

Text Books:

1:–“Programming with ANSI C” Balagurusamy E, TMH’ (**Book Code : B1**)

2:–“Let Us C” Yashwant Kanetkar, BPB. (**Book Code : B2**)