Name of Faculty: Sh. Shri Krishan

Designation: Lecturer in Computer Engg. Dept.

Discipline: Computer Engg.

Semester: 3rd

Subject : PIC

Lesson Plan Duration: 15 Weeks

		Theory	1	Practical
Week	Lecture	Topic(including	Practical	Topic
	Day	assignment/Test)	Day	1
	1st	Algorithm and	1st	Programming
		Programming		exercises
		Development-		onexecuting and
		Steps in		editing a
		development		Cprogram.
		of a program		
1st	2nd	Flow charts		
	3rd	Algorithm	2nd	Revision of
		development,		Practical Covered
		Program		on the last day.
		Debugging		
	1st	I/O statements	3rd	Programming exercises
	2nd	assign statements		ondefining
		S		variables and
2nd				assigningvalues
	21	C	441.	tovariables
	3rd	Constants,	4th	Revision of Practical Covered
		variables, data		on the last day.
	1 -4	types	<i>54</i> 1.	
	1st	Operators	5th	Programming exercises on
	2nd	Expressions		arithmetic and
3rd	211U	Lapicssions		relational
	3rd	Unformatted and	6th	Revision of
		Formatted IOS		Practical Covered

				on the last day.
	1st	Data Type	7th	Programming
		Casting		exercises on
4th	2nd	Revision of Unit		arithmetic
		1 & Unit 2		expressions and
7011				their evaluation
	3rd	Assignment 1-	8th	Revision of
		Unit1 & Unit 2		Practical Covered
		and class test		on the last day.
	1st	Control	9th	Programming
		Structures -		exercises on
		Introduction		formatting
	2nd	Decision making		input/output
5th		with IF –		using
		statement		printf and scanf
	21		1041	and their return
	3rd	IF – Else, nested-	10th	Revision of
		if statement		Practical Covered
	1 ~4	While Loop	11th	on the last day.
	1st	While Loop	11111	(i) Programming
	2nd	do while I con	-	exercises using if statement
	ZIIU	do-while Loop,		(ii)Programming
6th		for loop		exercises usi □g
Oth				if – Else
	3rd	Break. Continue	12th	Revision of
		statements		Practical Covered
		Statements		on the last day.
	1st	gotoand switch	13th	Programming
		statements		exercises on
	2nd	Revision of Unit	1	switch statement
7th		3		
	3rd	Pointers-	14th	Revision of
		Introduction to		Practical Covered
		pointers		on the last day.
	1st	Address operator	15th	Progra□i□g
0.5				exercises o□ do
8th	2nd	Address operator	1	_
		and pointers		while, statement
<u> </u>	1	and pointers		,

	3rd	Declaring and	16th	Revision of
		initialising		Practical Covered
		pointers		on the last day.
	1st	Single pointer	17th	Progra□□i□g
				exercises $o \square$ for
	2nd	Revision of Unit		_
9th		4		statement
	3rd	Functions-	18th	Revision of
		Introduction to		Practical Covered
		functions		on the last day.
	1st	Global and Local	19th	Simple
		Variables		programs using
	2nd	Function		pointers
10th		Declaration		
	3rd	Standard	20th	Revision of
		functions		Practical Covered
				on the last day.
	1st	Parameters and	21st	Programs on
		Parameter		one-dimensional
		Passing	-	array
	2nd	Call - by value		
11th		and Call-by		
		reference		
	3rd	Revision of Unit	22nd	Revision of
		5		Practical Covered
				on the last day.
	1st	Class test	23rd	Programs on
	2 4	Aggierrange 2	 	two-dimensional
	2nd	Assignment 2-		array
		Unit 3,Unit4 & Unit 5		
12th	3rd	Arrays & String-	24th	Revision of
	Siu	Introduction to	2-1011	Practical Covered
		arrays, Array		on the last day.
		Declaration,		
		Length of array		
	1st	Single and	25th	(i) Programs for
13th	151	Multidimensional	23tH	putting two
1		wining in the list of all		patang two

		Arrays		strings together.
	2nd	Arrays of		(ii) Programs for
		characters		comparing two strings.
	3rd	Introduction of	26th	Revision of
		Strings-String		Practical Covered
		declaration and		on the last day.
		definition, string		
		functions		
	1st	Passing an array	27th	Simple
		to function		programs using
	2nd	Pointers to an		functions
		array and		
14th		pointers to		
		strings		
	3rd	Revision of Unit	28th	Revision of
	3rd		28th	Practical Covered
		Revision of Unit 6		Practical Covered on the last day.
	3rd 1st	Revision of Unit 6 Structures and	28th 29th	Practical Covered on the last day. Simple
		Revision of Unit 6 Structures and Unions -		Practical Covered on the last day. Simple programs using
		Revision of Unit 6 Structures and Unions - Declaration		Practical Covered on the last day. Simple programs using Structures and
	1st	Revision of Unit 6 Structures and Unions - Declaration of structures		Practical Covered on the last day. Simple programs using
		Revision of Unit 6 Structures and Unions - Declaration of structures Accessing		Practical Covered on the last day. Simple programs using Structures and
15th	1st	Revision of Unit 6 Structures and Unions - Declaration of structures Accessing structure, union		Practical Covered on the last day. Simple programs using Structures and
15th	1st	Revision of Unit 6 Structures and Unions - Declaration of structures Accessing		Practical Covered on the last day. Simple programs using Structures and
15th	1st	Revision of Unit 6 Structures and Unions - Declaration of structures Accessing structure, union members and structure, union		Practical Covered on the last day. Simple programs using Structures and
15th	1st 2nd	Revision of Unit 6 Structures and Unions - Declaration of structures Accessing structure, union members and structure, union initialization	29th	Practical Covered on the last day. Simple programs using Structures and unions
15th	1st	Revision of Unit 6 Structures and Unions - Declaration of structures Accessing structure, union members and structure, union		Practical Covered on the last day. Simple programs using Structures and unions Revision of
15th	1st 2nd	Revision of Unit 6 Structures and Unions - Declaration of structures Accessing structure, union members and structure, union initialization	29th	Practical Covered on the last day. Simple programs using Structures and unions