

**PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY  
PANIPAT  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**LESSON PLAN  
Subject Name: - PPS**

**Branch/Semester: -2<sup>nd</sup> Sem.**

**Subject Code: - ES-105A**

Unit	Lecture No.	Topics to Be Covered	Target Outcome	Lecture Plan Date
1	L 1	<b>Unit 1: -Introduction and Overview of Computers:</b>	CO1	19-04-2021
	L2	Block diagram and its description		20-04-2021
	L 3	Number systems		21-04-2021
	L4	Number systems contd..		23-04-2021
	L5	Number systems contd..		26-04-2021
	L6	Arithmetic of number systems		27-04-2021
	L7	Arithmetic of number systems contd..		28-04-2021
	L8	Computer Hardware: Keyboard & Mouse		03-05-2021
	L9	Storage Devices		04-05-2021
	L10	Storage Devices contd..		05-05-2021
	L11	Printer		07-05-2021
				<b>BREAK FROM 08/05/2021- 12/05/2021</b>
L12	Introduction to programming language	13-05-2021		
2	L13	Different levels of PL: High Level language, Assembly language, Machine language	CO 2	14-05-2021
	L14	Introduction to Compiler, Interpreter,		17-05-2021

		Debugger, Linker, Loader, Assembler.		
	L15	Introduction to Compiler, Interpreter, Debugger, Linker, Loader, Assembler cntd.		18-05-2021
	L16	Problem Analysis: Problem solving techniques, Algorithms and Flowchart representation.		19-05-2021
	L17	Problem Analysis: Problem solving techniques, Algorithms and Flowchart representation contd..		21-05-2021
	<b>TEST UNIT 1</b>			24-05-2021
	L18	<b>UNIT-II</b> Overview of C: Elements of C,		25-05-2021
	L19	Data types		26-05-2021
	<b>1<sup>st</sup> Sessional from 28/05/2021-31/05/2021</b>			
	L20	Storage classes in C and pre-processor directives		01-06-2021
	L21	Storage classes in C and pre-processor directives cntd.		
	L22	Operators: Arithmetic, relational, logical, bitwise, unary		02-06-2021
	L23	Operators: Arithmetic, relational, logical, bitwise, unary cntd.		04-06-2021
	L24	Assignment and conditional operators, precedence & associativity of operators.	CO 3	07-06-2021
	L25	Input/output: Unformatted & formatted I/O function in C.		08-06-2021
	L26	Control statements: if statement, switch statement		09-06-2021
	L27	Repetition: for, while, and do-while loop		11-06-2021
	L28	Repetition: for, while, and do-while loop cntd.		14-06-2021
	L29	break, continue, goto statements.		15-06-2021

TEST UNIT 2			16-06-2021	
3	L30	<b>UNIT – III</b> Arrays: Definition, types, initialization, processing an array	CO 3	18-06-2021
	L31	Arrays: Definition, types, initialization, processing an array cntd.		21-06-2021
	L32	2 D arrays		22-06-2021
	L33	Programs on arrays		23-06-2021
	L34	String handling	CO 4	25-06-2021
	L35	String handling cntd.		28-06-2021
	L36	Programs on String handling		29-06-2021
	L37	Functions: Definition, prototype		30-06-2021
	<b>2<sup>ND</sup> Sessional from 1/07/2021-5/07/2021</b>			
	L38	parameters passing techniques		06-07-2021
	L39	parameters passing techniques cntd.		07-07-2021
	L40	Recursion, built-in functions		09-07-2021
L41	Recursion, built-in functions cntd.	12-07-2021		
4	L42	Passing arrays to functions, returning arrays from functions.	CO 6	13-07-2021
	<b>Test UNIT 3</b>			14-07-2021
	L43	<b>UNIT IV</b> Pointers: Declaration, operations on pointers		16-07-2021
	L44	Pointers: Declaration, operations on pointers cntd.		19-07-2021
	L45	dynamic memory allocation		20-07-2021
	L46	dynamic memory allocation cntd.		21-07-2021
	L47	pointers and functions and strings		22-07-2021
	L48	Programs on pointers and functions and strings		23-07-2021
	L49	Structure:Definition, processing		26-07-2021

	L50	Union: Definition, processing		27-07-2021
	L51	passing structures to functions, use of union		28-07-2021
	L52	Data files: Opening and closing a file		29-07-2021
	L53	Data files: Opening and closing a file cntd.		30-07-2021
	L54	I/O operations on files		01-08-2021
	<b>3<sup>rd</sup> Sessional from 03/08/2021-05/08/2021</b>			