

**PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**PANIPAT**  
**DEPARTMENT OF APPLIED SCIENCES & HUMANITIES**

**LESSON PLAN**

**Name: - Ms. Rakhi Sharma**

**Subject Name: - PPS**

**Branch/Semester: -1<sup>th</sup> Sem/ Sec-E (Session 2022-23)**

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

<b>Sr. No.</b>	<b>Lecture No.</b>	<b>Description of Topic</b>	<b>Lecture plandate</b>	<b>Methodology</b>	<b>Course Outcome</b>
1	L1	Why we study c	23/8/23	Discussion and Board	CO1
2	L2	Discussion on Logic method and importance of the subject(PPS)	24/8/23	Discussion and Board	
3	L3	Overview of Computers: Block diagram and its description	29/8/23	Discussion and Board	
4	L4	Number systems,	31/8/23-1/9/23, 5/9/23	Discussion and Board	
5	L5	Arithmetic of number systems	6/9/23, 8/9/23	Discussion and Board	
6	L6	Computer Hardware: Printers, Keyboard and	12/9/23	Discussion and Board	
7	L7	Mouse, Storage Devices.	13/9/23	Discussion and Board	
8	L8	Introduction to programming language: Different levels of PL:	14/9/23	Discussion and Board	
9	L9	Different levels of PL	15/9/23	Discussion and Board	
10	L10	High Level language, Assembly language, Machine language	19/9/23	Discussion and Board	
11	L11	Introduction to Compiler Linker, Loader,	20/9/23	Discussion and Board	
12	L12	Interpreter, Debugger, Assembler.	21/9/23, 26/9/23	Discussion and Board	
13	L13	Problem Analysis: Problem solving techniques, Algorithms and Flowchart representation.	27/9/23, 28/9/23	Discussion and Board	

14	L14	<b>REVISION of UNIT-I</b>	3/10/23	Discussion and Board		
15	L15	Overview of C	4/10/23	Discussion and Board	CO2	
16	L16	Elements of C	5/10/23	Discussion and Board		
17	L17	Data types	6/10/23, 10/10/23	Discussion and Board		
18	L18	Storage classes in C	11/10/23	Discussion and Board		
19	L19	Operators: Arithmetic, relational, logical,	12/10/23	Discussion and Board		
20	L20	bitwise, unary, assignment and conditional operators,	13/10/23	Discussion and Board		
21	L21	precedence & associativity of operators.	17/10/23	Discussion and Board		
22	L22	Input/output: Unformatted & formatted I/O function in C.	18/10/23	Discussion and Board		
23	L23	Control statements: if statement, switch statement	19/10/23	Discussion and Board		
24	L24	Repetition: for, while, and do-while loop	20/10/23, 31/10/23	Discussion and Board		
25	L25	break, continue, goto statements.	2/11/23	Discussion and Board		
26	L27	<b>REVISION of UNIT-II</b>	3/11/23	Discussion and Board		
27	L28	Arrays: Definition,	7/11/23	Discussion and Board		CO3
28	L28	Arrays types	8/11/23	Discussion and Board		
29	L29	initialization, processing an array	9/11/23	Discussion and Board		
30	L30	<b>String handling.</b> Functions: Definition,	16/11/23	Discussion and Board		
31	L31	prototype, parameters passing techniques,	17/11/23	Discussion and Board		
32	L32	recursion	21/11/23	Discussion and Board		
33	L33	built-in functions,	23/11/23	Discussion and Board		
34	L34	passing arrays to functions	24/11/23	Discussion and Board		

35	L35	returning arrays from functions	1/12/23	Discussion and Board	
36	L36	<b>REVISION of UNIT-III</b>	3/12/23	Discussion and Board	
37	L37	Pointers: Declaration,	6/12/23	Discussion and Board	CO4
38	L38	operations on pointers,	7/12/23	Discussion and Board	
39	L39	dynamic memory allocation,	8/12/23	Discussion and Board	
40	L40	pointers and arrays, pointers and functions, pointers and strings.	12/12/23	Discussion and Board	
41	L41	Structure & Union: Definition, processing,	13/12/23	Discussion and Board	
42	L42	passing structures to functions, use of union.	14/12/23	Discussion and Board	
43	L43	Data files: Opening and closing a file,	15/12/23	Discussion and Board	
44	L44	I/O operations on files.	19/12/23	Discussion and Board	
45	L45	<b>REVISION of UNIT-IV</b>	20/12/23	Discussion and Board	
46	L46	<b>SESSION END, PYQs</b>	21/12/23, 22/12/23	Discussion and Board	

**\*Highlighted part represents Content beyond Syllabus topics**

**\* Quizzes on Saturdays**

Subject In charge