GOVERNMENT CO.ED POLYTECHNIC RAIPUR (C.G)

DEPARTMENT OF ELECTRICAL

LESSON PLAN

Session: April-May

Session start as per university calendar:

Course Name: Computer Programming & Basic Networking

Name of Subject Teacher: Lakeshwar Prasad Sahu

Lecturer plan L+P = 5

Course code: 2000455(022)

Discipline: Electrical | Semester: 4th | Class room Instruction Start Date:

S.No.	Chapter No.	Topics	Sub Topic to be covered under this unit	Total hours	No. of periods planned	Actual No of periods taken	Date of Class Conduction	Use of AV resources if any	Remarks if any
1	1	Introduction to C Programming	Program logic development	17	2	1	3/2/25	NA	
			Algorithm		2	2	4/2/25		
			Flowchart		3	3	5/2/25		
			Basic structure of C program		1	1	7/2/25		
			Data concept		3	2	8/2/25		
			Data types		1	2	10/2/25		
			Operators & its types		3	8	12,14,15,17,18/2/25		
			Input / output function		2	4	21,22,27,28/2/25		
2	2	Decision Making with Branch Statement & loop statement	Decision making statement in C	13	2	1	1/3/25	NA	
			Decision making with IF, IF ELSE, Nested IF ELSE , ELSE IF Ladder		3	4	3,4/03/25		
			The switch statement		1	1	7/03/25		
			The ? ; operator		1	1	7/03/25		
			GoTo statement		1	1	8/03/25		
			While, Do While statement		2	2	11/03/25		

			For, Break, Continue Statement		3	2	12/03/25 17/03/25		
3	3	User Defined Function	Concept & need of Function	12	2	2	24/03/25	NA	
			Library, Math, String, other mislaneous Function		10	07	28/03, 29/03, 01/04, 02/04		
4	4	Array in C	One dimentional Array	15	3	3	04/04, 05/04, 07/04	NA	
			Array Operations (insertion,searching,deletion, string, concantation opration)		12	10	11/, 12, 15, 17, 19		
5	5	Computer Networks & Devices	Definition & histry of Networks	18	1	1	21/04/25	NA	
			Application of Computer Networks		1	1	22/04/25		
			Standard Organization & Protocol		1	1	25/04/25		
			Line Conguration		2	2	26, 28/04/25		
			Network Topology		2	2	29/04/25, 02/05/25		
			Categories of Networks		1	1	05/05/25		
			OSI Model		1	1	05/05/25		
			TCP / IP Model		2	2	06/05/25		
			Types of tranmission Media		2	2	09/05/25		
			Introduction to Network communication Devices		5	4	10, 13, 14/05/25		
				75					