



PBL REPORT

Computer Networks III-I CSE-DS

NOVEMBER 14, 2022

ANURAG UNIVERSITY
school of engineering

REPORT

Our section has formed 7 different teams with an 5 members in each team. All the teams performed well and came up with very innovative solutions for their given problem. The goal for this PBL event is to make students find solutions to given problem, which they will be doing later in their life.

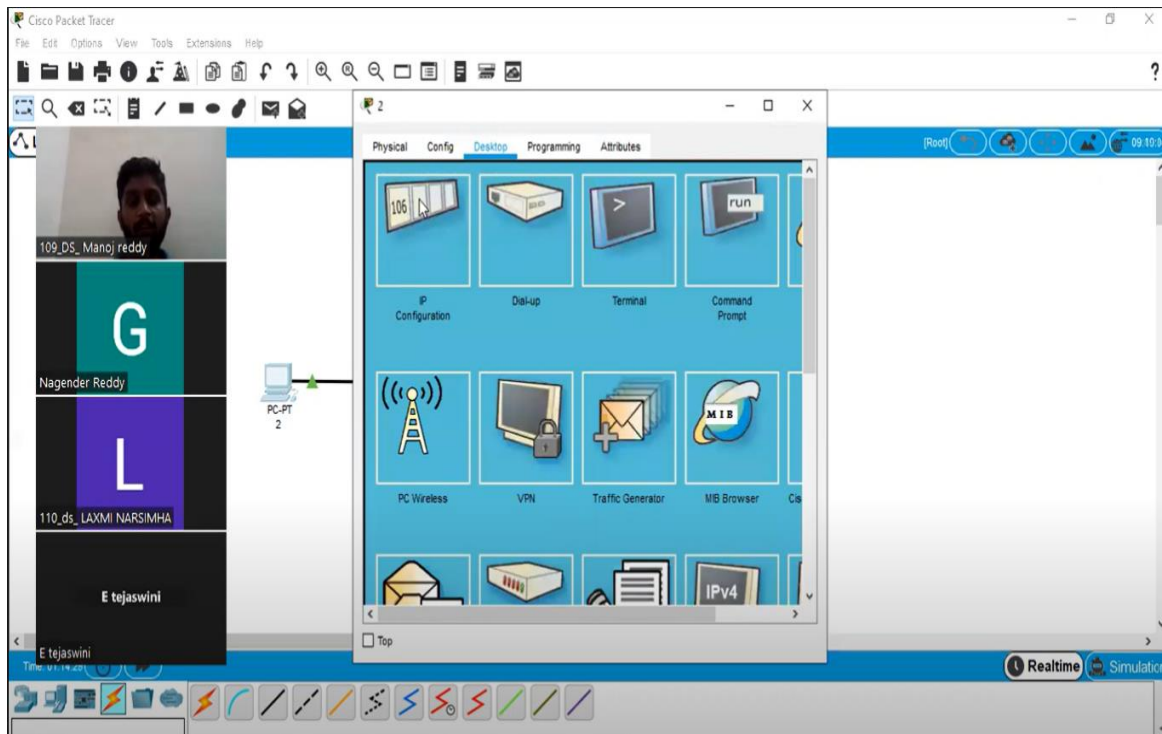
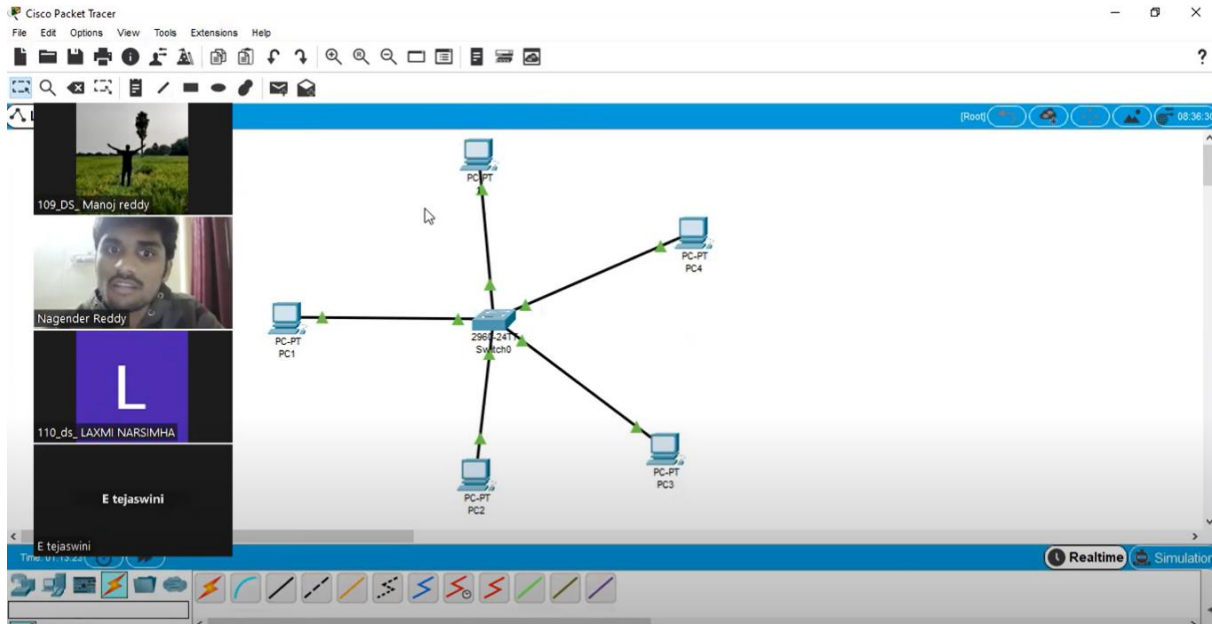
This type of events will develop the student's ability to work with his or her peers, building individual and teamwork skills.

Group NO	H NO	Student Name	Problem Statement
Group 1	20EG110101	Allam Jayavardhan Reddy	A peer to peer LAN consisting of two PCs.
	20eg110102	Avinnashh Darak	
	20eg110103	Barigala Sravan Kumar	
	20EG110104	Devarasetti Varun	
	20eg110105	Earla Sree Harsha	
Group 2	20EG110106	Eega Tejaswini	A small LAN consists of computers and switches
	20eg110107	Gopu Nagender Reddy	
	20eg110108	Gopu Vijay Simha Reddy	
	20EG110109	Gujjula Manoj Reddy	
	20EG110110	Gurrala Laxmi Narsimha	
Group 3	20eg110111	Javvaji Bhuvan	client server LAN
	20EG110112	Jogula Gayathri	
	20EG110113	Karnati Kumara Srinivas Reddy	
	20EG110114	Lakkireddy Vedanth Reddy	
	20EG110115	Lalitha Priya Krishnan	
Group 4	20EG110116	Mallela Dhatri	Configure 3 computers and a DHCP server. The hosts will obtain dynamic IP addresses and Explore the server will have a static IP address (because it is a DHCP server).
	20EG110117	Mogili Shiva Sai Manikanta	
	20EG110118	Pabbathi Sri Naga Harish	
	20EG110119	Palakolu Abhilash Reddy	
	20EG110120	Peddi Vyshnavi	
	20EG110121	Pittala Akhil Kumar	

Group 5	20EG110122	Potla Sushma Reddy	Implementation of EIGRP USING packet tracer
	20EG110123	Pulipati Varun	
	20EG110124	Rangapuram Akhil Reddy	
	20eg110125	Sravya Reddy S	
Group 6	20EG110126	Sripathi Dhanush Reddy	Implementation of OSPF using Packet Tracer
	20EG110127	Uppala Manaswini	
	20EG110128	Vaishnavi Rao	
	20eg110129	Venuturupalli Tanuja	
	20eg110130	Vuppalanchi Srivasta	
Group 7	20EG110131	Yedulla Sai Prakash Reddy	Implementation of RIP using Packet Tracer
	21EG510101	Birelli Sai Suhas Reddy	
	21EG510102	Medhini Sai Priyatham Reddy	
	21EG510103	Nandikanti Dyuthi Reddy	
	21eg510104	Vidala Maneesh	

Video Recording Presentations: Each team have worked and made Excellent Video recordings presentations on their respective problem.

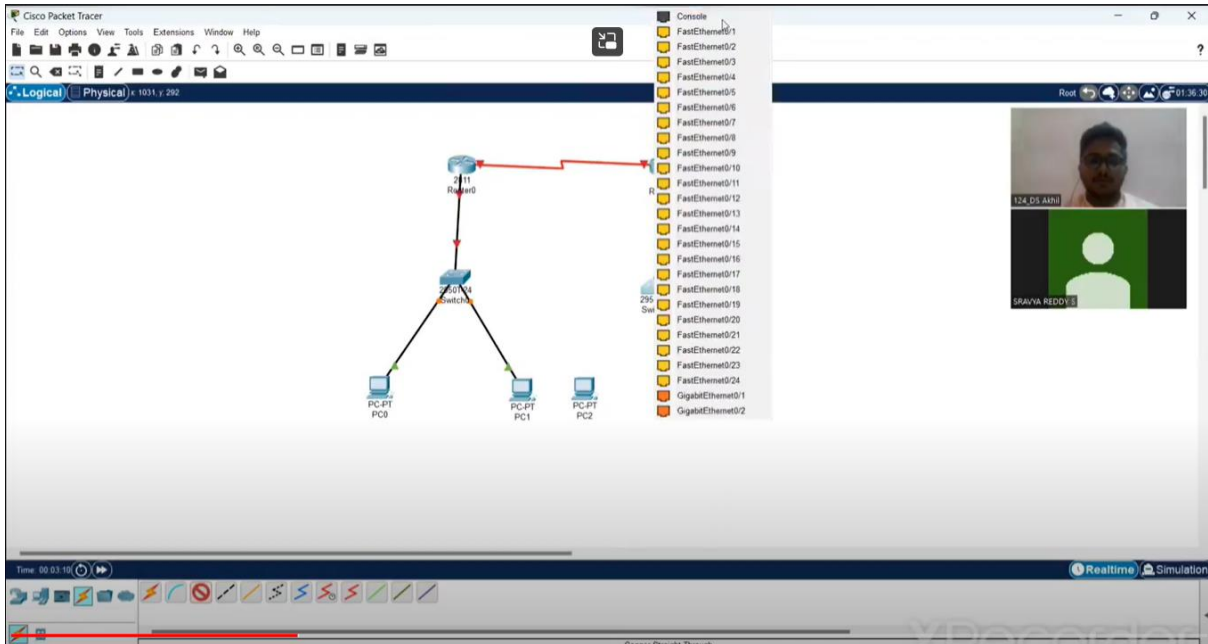




ENHANCED INTERIOR GATEWAY ROUTING PROTOCOL (EIGRP)

By

-20eg110121(Akhil)
-20eg110122(Sushma)
-20eg110123(Varun)
-20eg110124(Akhil reddy)
-20eg110125(Shravya)



**A CLIENT
SERVER
LAN**

GROUP-3

BUVANN 20EG110111
J.GAYATHRI 20EG110112
KUMARA SRINVAS REDDY 20EG110113
VEDANTH REDDY 20EG110114
K.LALITHA PRIYA 20EG110115

112_DS_GAYATHRI
114 ds Vedanth R.
114_ds_Vedanth Reddy
111_DS_Buvann Jayaji
113 ds KUMARA.

Cisco Packet Tracer

Logical Physical PC1/27

Server-PT Server1
2960-24T Switch1
PC-PT 1
PC-PT 2

Command Prompt

```
Packet Tracer PC Command Line 1.0  
C:\>ipconfig
```

111_DS_Buvann Jayaji
113 ds KUMARA.
114 ds Vedanth R.
114_ds_Vedanth Reddy
112 DS GAYATHRI
112_DS_GAYATHRI

PBL ACTIVITY EVALUATION SHEET

H NO	Problem Statement	METHODOLOGY/ DESIGN(3 M)	PRESENTATION SKILLS (PPT/Video/ Model / Program Execution) (3 Marks)	Report (4 marks)	Total Marks 10 Marks
20EG110101	A peer to peer LAN consisting of two PCs.	3	3	4	10
20eg110102		3	3	3	9
20eg110103		3	3	4	10
20EG110104		3	3	4	10
20eg110105		3	3	4	10
20EG110106	A small LAN consists of computers and switches	3	2	3	8
20eg110107		3	3	4	10
20eg110108		3	3	4	10
20EG110109		3	3	4	10
20EG110110		3	3	4	10
20eg110111	client server LAN	3	2	3	8
20EG110112		3	3	4	10
20EG110113		3	3	4	10
20EG110114		3	3	4	10
20EG110115		3	2	3	8
20EG110116	Configure 3 computers and a DHCP server. The hosts will obtain dynamic IP addresses whereas Sheet1 Explore the server will have a static IP address (because it is a DHCP server).	3	3	3	9
20EG110117		3	3	4	10
20EG110118		3	3	3	9
20EG110119		3	3	4	10
20EG110120		3	3	3	9
20EG110121	implementation of EIGRP USING packet tracer	3	3	2	8
20EG110122		3	3	2	8
20EG110123		3	3	4	10
20EG110124		3	3	4	10

20eg110125		3	3	3	9
20EG110126	Implementation of OSPF using Packet Tracer	3	3	4	10
20EG110127		3	3	4	10
20EG110128		3	3	2	8
20eg110129		3	3	4	10
20eg110130		3	2	3	8
20EG110131		3	2	3	8
21EG510101	Implementation of RIP using Packet Tracer	3	3	4	10
21EG510102		3	2	3	8
21EG510103		3	3	4	10
21eg510104		3	2	3	9

Course Instructor

Dean SOE