G. Narayanamma Institute of Technology and Science (For Women)
(AUTONOMOUS)

Department of ECE

Computer Networks and Programming Lab

This center is designed to facilitate practical learning in Computer Networks for 3rd year B.Tech students and Python Programming for 2nd year students with an area of the laboratory spread over 90.2 Sq.mts, a strength of 24 students can be comfortably accommodated in the lab. The center is equipped with essential tools and resources, including 27 computer systems loaded with Netsim V12 (Licensed with 30 users) and Python 3.12.1 (Open Source) softwares. The total cost of the equipment in this center is Rs. 11,79,939/-. This setup makes sure that students can do experiments and learn practical skills in Computer Networks and Python Programming.

Faculty associated with Computer Networks and Programming Lab

S. No	Name of the faculty	Designation	Area of research
1	Dr. M. Vijaylakshmi	Assoc.Prof	Wireless Networks
2	Dr. C. Padmaja	Asst.Prof	Wireless Communications
3	Mrs. K. Swathi	Asst.Prof	Communications
4	Mrs. P. Lavanya	Asst.Prof	Communications
5	Mrs. G. Madhavi	Asst.Prof	Communications and Image Processing

Photos

Fig. Computer Networks and Programming Lab

Academic projects carried out by Students

Batch No.	Roll No.	Title of the Project	Name of the Supervisor
C10	18251A04F9	IOT Based Smart Home System Using CISCO Packet Tracer	Mrs. K. Swathi
	18251A04G7		
	19255A0418		
	18251A04H3		
B13	18251A04A9	Comparative Analysis of TCP Congestion Control Algorithms using NETSIM	Mrs. E V S S Vyshnavi
	18251A0471		
	18251A0477		
	18251A0494		
C6	18251A04G3	Impact of Distance on Throughput for Different Wireless LANS	Mrs. E V S S Vyshnavi
	18251A04E0		
	18251A04D2		
	18251A04E2		

Outcome of the Student Academic projects
Papers published/communicated

S.No	Title of the Paper	Name of the Conference/Journal	Year	Status of the paper(Submiited/Acc epted/Published)
1.	Comparative Analysis of TCP Congestion Control Algorithms using NETSIM	GIS Science Journal	2022	Published