Faculty of Information and Communication Engineering

M.E. Computer Science and Engineering (With Specialization in Networks)

(R 2021) Semester – I

Course Code: CP4161 Course Title: Advanced Data Structures and Algorithms Laboratory		
Sl. No.	**Description of Equipment**	**Required numbers (for batch of 25 students)**
1.	**HARDWARE/SOFTWARE REQUIREMENTS** 1. 64-bit Open source Linux or its derivative 2. Open Source C++ Programming tool like G++/GCC	25

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(R 2021) Semester – I

Course Code: NE4111	**Course Title:** Networks Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students)
1.	**HARDWARE/SOFTWARE REQUIREMENTS** **1:** C/Java/Python **2:** NS2/ QUALNET /NS3/ OMNET/ equivalent	25

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(R 2021) Semester – II

NE4212 Network Design and Programming Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students
1.	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse and GPU as required	25
2.	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	
3.	C/Java/Python 3.9 or later	
4	Simulators like NS2/ QUALNET /NS3/ OMNET/ equivalent	
5	Switches (24 ports), Routers, Linux	