Faculty of Information and Communication Engineering

B.E. Computer and Communication Engineering

(R 2021) Semester – II

Course Code: CS3271	Course Title: Programming in C Laboratory	
Sl. No.	**Description of Equipment**	**Required numbers (for batch of 30 students**
1.	Systems with Linux Operating System with GNU compiler	30

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(R 2021) Semester – III

CS3361 Data Science Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 30 students
1.	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30
2.	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30
3.	Python 3.9 or later, Anaconda Distribution	
4.	Scipy, statmodels, seaborn, plotly	

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(R 2021) Semester – III

CD3281 Data Structures and Algorithms Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 30 students
1	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30
2	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30
3	Dev C++ / Eclipse CDT / Code Blocks / CodeLite / equivalent open source IDE	

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(R 2021) Semester – IV

EC3461   Communication Systems Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 30 students
1.	Trainer Kits for AM, FM, Signal Sampling, TDM, PCM, PAM, PPM,PWM, DM and Line Coding Schemes	Each 2 Nos.
2.	Trainer Kits for ASK, FSK and PSK	Each 2 Nos.
3.	CRO/DSO (30 MHz)	15 Nos
4.	Signal Generators / Function Generators (3 MHz)	15 Nos
5.	MATLAB or equivalent open source software package for simulation Experiments.	15 Users
6.	Standalone desktops PC	15 Nos

Faculty of Information and Communication Engineering

B.E. Computer and Communication Engineering

(R 2021) Semester – IV
CS3481 DATABASE MANAGEMENT SYSTEMS LABORATORY

Sl. No.	Description of Equipment	Required numbers (for batch of 30 students
1.	INTEL based desktop PC with min. 8GB RAM and 500 GB HDD, 17" or higher TFT Monitor, Keyboard and mouse	30
2.	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30
4.	Oracle Database 12 or higher, MySQL 5.7 or higher versions, SQL Server 2022(16.x)	

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(R 2021) Semester – V

IT3681 Mobile Application Development Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 30 students
1	**Android Studio**	
2	Windows 10 or higher operating system / Linux Ubuntu 20 or higher	30
3	Dev C++ / Eclipse CDT / Code Blocks / CodeLite / equivalent open source IDE	30