Faculty of Information and Communication Engineering

B.Tech. Information Technology

(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

CS3461 Operating 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
3.	Linux Ubuntu 20 or higher	30
4.	DevC++ / Eclipse CDT / Code Blocks / CodeLite / equivalent open source IDE	

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(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 – IV

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

Faculty of Information and Communication Engineering

B.Tech. Information Technology

(R 2021) Semester – V
IT3511 FULL STACK WEB DEVELOPMENT LAB

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	Node js ,Express, Angular, MongoDB, React, Web Server, XAMPP latest version / Equivalent web server	