Faculty of Information and Communication Engineering

M.E. Big Data Analytics

(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: BD4111	Course Title: Big Data Computing Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students)
1.	**HARDWARE/SOFTWARE REQUIREMENTS** **1:** Java **2:** Hadoop **3:** Mahout **4:** HBase/MongoDB	25
2.	Any basic level server	1 No.

Faculty of Information and Communication Engineering

M.E. Big Data Analytics

(R 2021) Semester II

BD4211 Big Data Mining And Analytics 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.	Hadoop / MongoDB/ Hbase/ R Package	
5	Apache Spark	
6	Connectivity to cloud (to access & process Big Data)	