

**Faculty of Information and Communication Engineering**

**M.E. Computer Science and Engineering (Artificial Intelligence and Machine Learning)**

**(R 2021) Semester – I**

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

**Faculty of Information and Communication Engineering**  
**M.E. Computer Science and Engineering (Artificial Intelligence and Machine Learning)**  
**(R 2021) Semester – II**  
**ML4211 Data Analytics Laboratory**

<b>Sl. No.</b>	<b>Description of Equipment</b>	<b>Required numbers (for batch of 25 students)</b>
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	1
3.	Java / Hadoop / Mahout / HBase/MongoDB/R	25
4.	Any basic level server	
5.	any open source data mining tools like ORANGE / WEKA / Sci-Kit Learn / equivalent	