FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

M.E. ELECTRONICS AND COMMUNICATION ENGINEERING (INDUSTRY INTEGRATED)

(R 2021)

SEMESTER I

Course Code: EL4161	**Course Title:** Digital Communication Systems Laboratory	

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students)
1.	Software Defined Radio Device (USRP/WarpLab/WicommT or Equivalent) with antenna	2 Nos.
2.	PC loaded with MATLAB/LABVIEW/GNU RADIO or Equivalent	14 users (licensed/open source)

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SEMESTER II

Course Code: II4211   **Course Title:** Internet of Things Applications Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students)
1.	Arduino UNO	15
2.	LED Light (Any color)	20
3.	Buzzer	15
4.	IR Sensor	15
5.	DC Stepper Motor	15
6.	Relay	15
7.	Push Button	30
8.	DHT11 Sensor	10
9.	Soil Moisture Sensor, Ultra-Sonic Sensor, Pulse Sensor, Temperature Sensor	10 each
10.	LCD Display (16X2)	10
11.	JUMPER WIRES M – M M – F F – F	As required