FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

M.E. COMMUNICATION AND NETWORKING (R 2021)

SEMESTER – I

Course Code: CU4161   **Course Title:** Advanced Digital Signal Processing Laboratory

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students)
1.	MATLAB with Simulink and Signal Processing Tool Box or Equivalent Software in desktop systems	14 users (licensed/open source)
2.	Fixed and Floating point DSP Processor and Interfacing tool	14 users
3.	Signal Generators (5MHz)	5 Nos
4.	DSO / CRO (20MHz)	5 Nos

Course Code: NC4211 **Course Title:** Internet of Things Laboratory		
Sl. No.	**Description of Equipment**	**Required numbers (for batch of 25 students)**
1.	Arduino UNO	15
2.	Zigbee Module	10
3.	SIM 900A(GSM Module)	10
4.	HC-05 (Bluetooth Module)	10
5.	Raspberry PI	10
6.	Humidity Sensor	5
7.	Pulse Sensor	5
8.	5V Relay Module	10
9.	12V DC Fan	5
10.	JUMPER WIRES M – M M – F F – F	As required
11.	Bread Board	20