FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING

M.E. VLSI AND EMBEDDED SYSTEMS (R 2021)

SEMESTER – I

Course Code: VE4111   **Course Title:** Embedded Systems Laboratory **Semester: I**

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students
1.	microcontrollers which supports IoT applications and corresponding programming software	14 users (licensed/open source)
2.	RTOS software	14 users (licensed/open source)
3.	PCs	14 Nos.

Course Code: VE4112   **Course Title:** Analog and Digital CMOS VLSI Design Laboratory **Semester: I**

Sl. No.	Description of Equipment	Required numbers (for batch of 25 students
1.	FPGA Simulator Tool	14 users (licensed/open source)
2.	FPGA Trainer Board	14 Kits
3.	Spice simulator tool	14 users (licensed/open source)
4.	PCs	14 Nos.

Degree: PG	**Name of the Course:** M.E. VLSI DESIGN AND EMBEDDED SYSTEMS	
Course Code:VE4212**Course Title:**Embedded Automation Laboratory **Semester: II**		
Sl. No.	**Description of Equipment**	**Required numbers (for batch of 25 students**
1.	8051 Microcontrollers	10 nos.
2.	Desktop Computers	10 nos.
3.	Embedded C Software	5 users