



SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN

(Autonomous)

Department of Electronics & Communication Engineering

Vishnupur, Bhimavaram - 534202

PROJECT LAB

Laboratory-In-charge : Dr. M. Prema Kumar

Laboratory-Technician : Mr. N.V.V Satish Kumar

Objective:

The Objective of Project Laboratory is to

- Offers the students, the opportunity to gain valuable hands-on experience
- Train them in the state-of-the-art environment where students become proficient in both the physical and creative skills needed in the field of Electronics and Communication Engineering.
- Plays a key role in promoting practical learning experience, a place where they develop creative proposals, and execute their final projects.



LAB EQUIPMENT:

S.No.	Item Description	Qty
1	1.NI Academic Circuits Teaching License - 2.NI LAB VIEW Research License -	50 USERS 5 USERS
2	a) SDR-USRP N 210 Kit b) Ettus USRP B 200 With USB Cable c) LFTX USRP Daughter Board (0 -30 MHz Tx) d) LFRX USRP Daughter Board (0 -30 MHz Rx)	1
3	Ansoft HFSS Academic Bundle	5 Users
4	Adriano Kits	10
5	ARM Kit	1
6	AT 89S51 Starter Board	10
7	P89V51 Development Kit	2
8	89LP2052 Starter Kit	2
9	LPC2103 Starter Kit	2
10	SPI Compatible 4-Ch ADC/1-Ch DAC Interface Card	2
11	AT89S SPI Programmer	2
12	P89V664 Starter Kit	2
13	XC9536 Trainer Board	2
14	MSP 430f169 Harder Board	2
15	MSP 430F169 Starter Kit	2
16	Universal Programmer Kit	1
17	Embedded System Lab Trainer Board	1
18	Multi Purpose Lab station(women's scientist project)	1
19	Multi Purpose Lab station(RPS)	1
20	MATLAB 2011 (Software) Computer Application Software License No: 707269 (1.Matlab, 2.Signal Processing Tool Box, 3.Dsp System Tool Box, 4.Communication System Tool Box, 5.Imageprocessing Tool Box, 6. Computer Vision Tool Box, 7. Simlink)	1
21	Computers: (HP PRO 3090 Business Pc, Intel Dual Core Processor, E 5700,3.0GHz,)	15
22	<u>VECTOR NETWORK ANALYZER</u> : (Range 0-4 GHz with transmission and reflection with LAN & USB Connectivity A) RF Training Kit Cables B) RF MIC Based Training Kit(IIT-Delhi)	1