



EASWARI ENGINEERING COLLEGE

(An Autonomous Institution)

Bharathi Salai, Ramapuram, Chennai – 600 089

DEPARTMENT OF INFORMATION TECHNOLOGY



LABORATORY DETAILS

Name of the Laboratory : INTERNET TECHNOLOGY LAB

No of systems : 35

Configuration Details :

- Lenovo Desktop Intel Core i7 12700 (12th Generation)
- 16GB-DDR4 RAM
- 1 TB 7200 RPM SATA
- Wired USB Keyboard & Mouse
- 21.5” FHD Monitor

Photo:



Name of the Laboratory : OPEN SOURCE LAB

No of systems : 35

Configuration Details :

- Lenovo Desktop Intel Core i7 12700 (12th Generation)
- 16GB-DDR4 RAM
- 1 TB 7200 RPM SATA
- Wired USB Keyboard & Mouse
- 21.5" FHD Monitor

Photo:



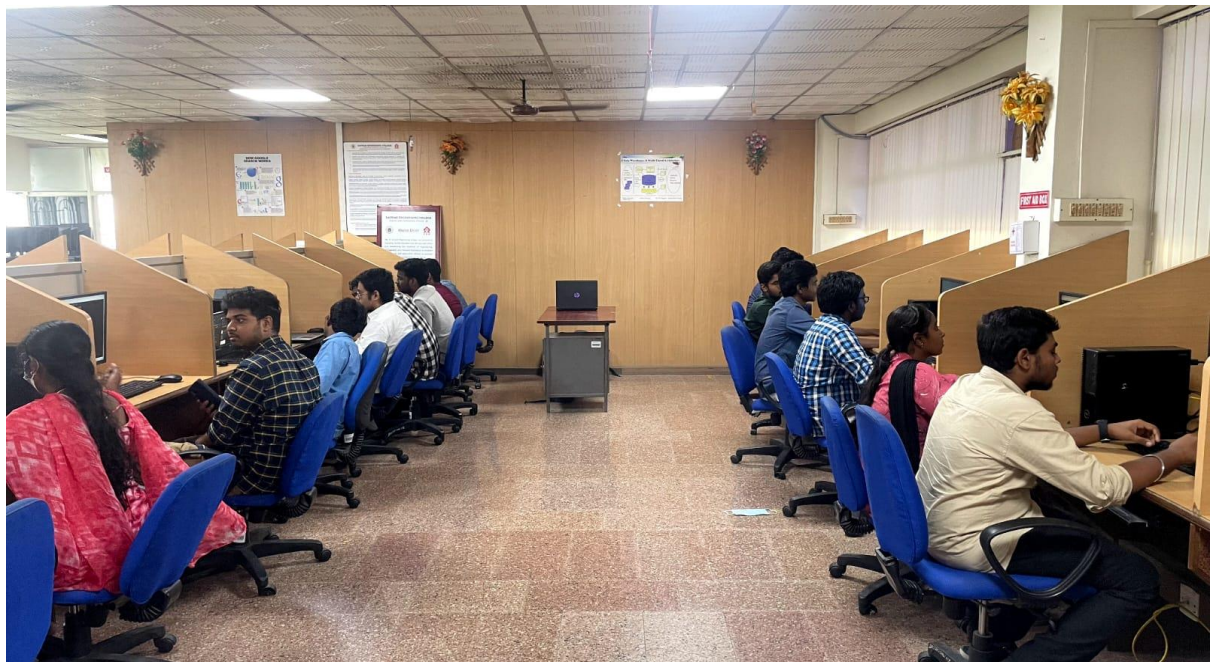
Name of the Laboratory : DATA BASE MANAGEMENT SYSTEMS LAB

No of systems : 35

Configuration Details :

- DELL Intel core i7-11th Gen Processor
- 32 GB DDR4 RAM 1 TB HDD
- Keyboard & Mouse
- 24" inch LED Monitor

Photo:



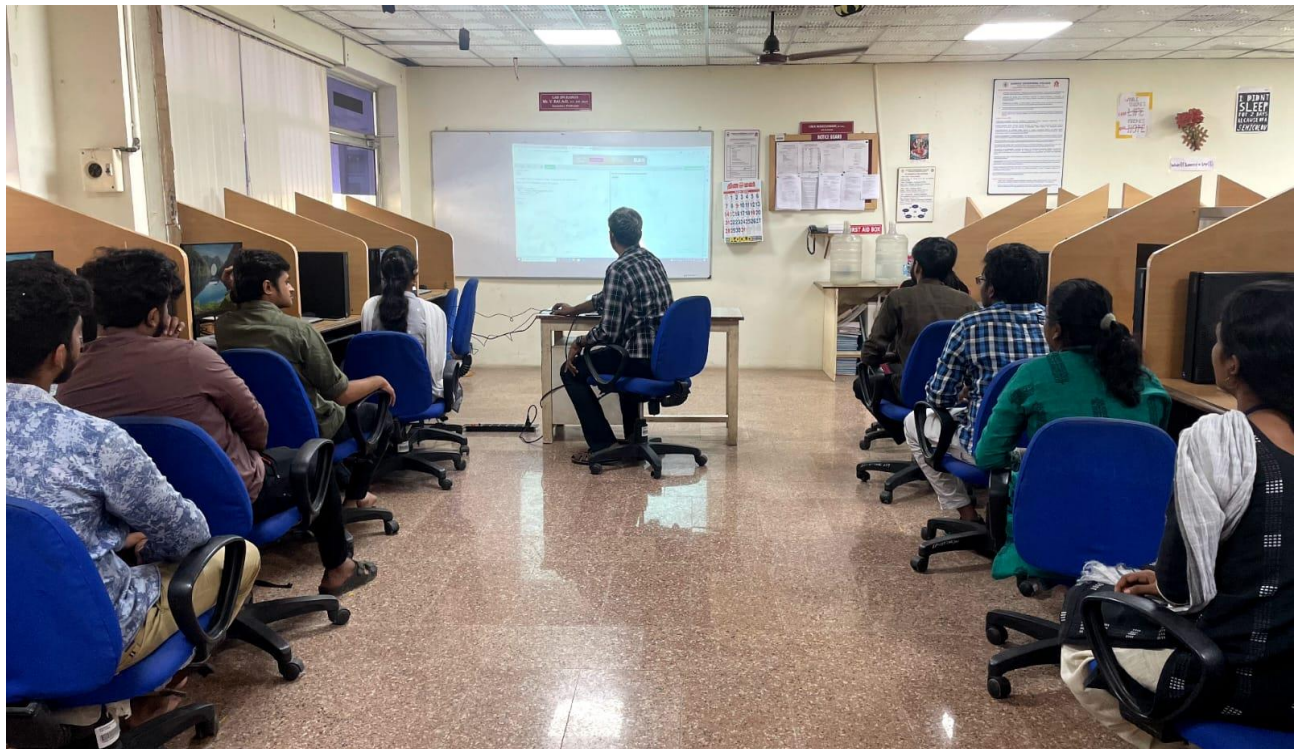
Name of the Laboratory : SOFTWARE ENGINEERING LAB

No of systems : 35

Configuration Details :

- Lenovo Desktop Intel Core i7 12700 (12th Generation)
- 16GB-DDR4 RAM, 1 TB 7200 RPM SATA
- Wired USB Keyboard & Mouse
- 21.5" FHD Monitor.

Photo:



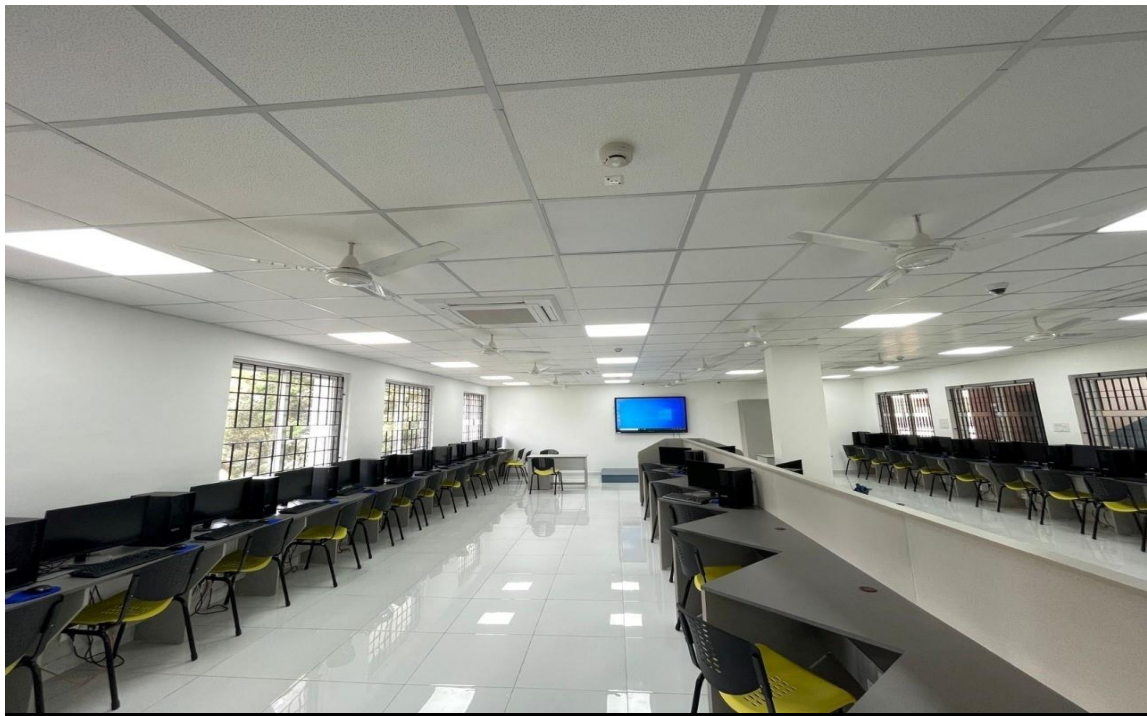
Name of the Laboratory : COMPUTER PROGRAMMING LAB-I

No of systems : 65

Configuration Details :

- Dell Intel core i7-11th Gen Processor
- 16 GB DDR4 RAM 1 TB HDD
- Wired USB Keyboard & Mouse
- 21.5” inch LED Monitor

Photo:



Name of the Laboratory :COMPUTER PROGRAMMING LAB-II

No of systems : 65

Configuration Details :

- Dell Intel core i7-11th Gen Processor
- 16 GB DDR4 RAM 1 TB HDD
- Wired USB Keyboard & Mouse
- 21.5” inch LED Monitor

Photo:



Name of the Laboratory : DIGITAL IoT LAB

No of systems : 35

Configuration Details :

- WIPRO PERSONAL COMPUTER CORE i5-2400
- 3.10GHz 6MB 500 GB SATA2
- 7200RPM HDD 4GB DDR3

List of Components:

S.NO	NAME OF THE COMPONENT	QUANTITY
1.	Arduino Uno R3	5
2.	Blue Tooth & WiFi Node	6
3.	ESP32 WiFi Node	5
4.	DC Motor-9v	2
5.	Embedded LPC2148 Arm Trainer Kit	4
6.	Embedded LPC21768 Arm Trainer Kit	4
7.	LED, ADXL3xx Accelerometer, Piezo Electric Disc	50
8.	IoT Gate way	4
9.	PIC Micro Controller	2
10.	TFT LCD Display for Arduino(5 inch)	5
11.	USB to TTL Serial Convertor	6
12.	ZIG BEE Node	5
13.	MOSFET	6
14.	Relay Board	2
15.	LoRa WAN Sensor Node	6
16.	37 in 1 Sensor Module kit for Arduino	5
17.	Humidity sensor	10
18.	Light sensor	10
19.	PIR Motion Sensor	10
20.	Smoke Sensor	10
21.	Temperature Sensor	10
22.	Hook Wire Coil	10
23.	Bread Board Wire Coil	3
24.	Bread Board	10
25.	Resister 1K	25
26.	Resister 10 K	25
27.	Resister 100 ohm	25
28.	Resister 200 ohm	100
29.	Resister 270 ohm	25
30.	i5 processor, 4GB RAM, 500 GB hard disk	35

Photo:

