



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

Electronics and Communication Engineering

Laboratory Equipment – Integrated Circuits Applications Laboratory

This laboratory provides all hardware required to design and analysis of integrated circuits with their applications. The configuration of hardware used is detailed as follows:

1. Laboratory Equipment:

S. No	Item	Make	Quantity	Cost per Unit (Rs.)	Total Cost (Rs.)
1	Digital storage oscilloscope (0-25MHz)	Professional Advanced Electronics	18	14,625	2,63,250
2	Digital storage oscilloscope (0-25MHz)	NVIS	05	12,500	62,500
3	Digital storage oscilloscope (0-25MHz)	Sunseas Tech Pvt. Ltd.	12	20,500	2,46,000
4	Function generator (0.1-1MHz)	Physitech	17	5,440	92,480
5	Function generator (0-1MHz)	Physitech	04	2,925	11,700
6	Function generator (0-2MHz)	Sunseas Tech	13	12,400	1,61,200
7	Dual DC regulated power supply (0-30V)	Physitech	05	3,400	17,000
8	Dual DC regulated power supply (0-30V)	Physitech	09	2,925	26,325
9	Dual DC regulated power supply (0-30V)	Sunseas Tech	13	6,240	81,120
10	Linear and digital kits / general purpose kits	Physitech	10	5,440	54,400
11	Linear and digital kits / general purpose kits	Physitech	08	4,192	33,536
12	Digital multimeter	Physitech	13	1,218.75	15,843.75
13	Digital multimeter	Professional Advanced Electronics	05	1,487	7,435
14	Single channel DC regulated power supply (0-30V)	Physitech	02	3,200	6,400
Total Cost (Rs.)					23,18,636
In Words- Rupees twenty three lakh eighteen thousand six hundred and thirty six only					

Date:

HOD