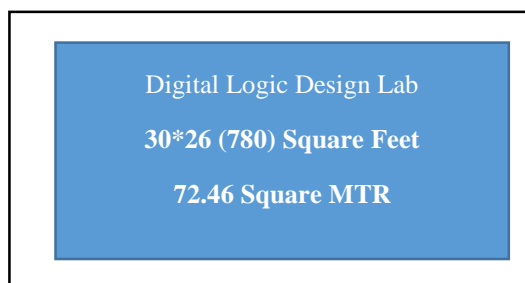


Laboratory Details of Digital Logic Design

DLD (C Wing 1st Floor)

Description: - The Digital Logic Design lab serves undergraduate computer science students, focusing on subjects such as Digital Electronics Logic gates, Shift Registers, Multiplexer, Demultiplexer. It is primarily utilized for hands-on practical sessions covering Logic gates, Shift Registers, Multiplexer, Demultiplexer. The lab has 10 Digital Trainer Kits, Additionally, it includes a 65-inch LED screen SENSES Smart Board & desktop with an Intel Core i5 processor. The total setup cost for the laboratory amounts to Rs. **562172.90**



Sr. No	Item	Model	Description	No. of Item	Unit Cost	Total
1	Dekstop HP600PON G6/I5/8GB	HP	HP, I5,8GB	1	48510	48510
2	IC Tester Analog & Digital	Nikki-Anadigi	Analog & Digital	1	68934	68934
3	30MHz Dual Trace Oscilloscope	Aplab	30MHz Aplab	2	18991.88	37983.76
4	Regulated Dual DC Power Supply	Aplab	LD3202 Aplab	2	11353.06	22706.12
5	Digital Multimeter	VC97	Aplab	2	1800	3600
6	Function Generator	Aplab	1MHz Aplab	2	4959	9918
7	Digital IC Trainer Kit	Adtron	Digital IC KIT	10	7700	77000
8	8 Channel Multiplexer	Adtron	IC74151	2	2100	4200
9	Demultiplexer	Adtron	IC74138	2	2100	4200
10	Bread Board with Metallic Plate	GL	BreadBoard	14	192.50	2695
11	Analog to Digital Converter	Adtron	k-33/2533	4	2100	8400
12	Digital To Analog Coverter	Adtron	k-34/2534	4	2100	8400
13	B/W TVTrainer	Sciencetech	ST2655	1	14337	14337
14	Color TV Trainer Kit	Sciencetech	ST2651	1	22037	22037
15	Understanding of DVD & CD Player	Sciencetech	2662A	1	10925	10925
16	Understanding of DTH System	Sciencetech	2664	1	8458	8458
17	Color Pattern Generator	Sciencetech	314353	1	6909	6909
18	Smart Board	SENSES 65 IV2000	Intel® Core™ i5- 7400CPU 3.00GHz	1	202960	202960
				Total Amount:-		562172.90

Laboratory Details of Digital Logic Design

Sr. No	SOFTWARES	Sr. No	OTHER DETAILS	No. of Item
01	Operating Systems:- Windows 7	01	No of Stools	33
02	Office Tools:- MS Office , Acrobat Reader	02	No of Fans	04
03	Antivirus SW:- Symantec Endpoint 14	03	No of ACs	02
		04	LED Lights	16
		04	CCTV Camera	00
		05	High-Speed LAN, Uninterrupted Power Supply Fire Safety measure	



Lab Assistant

Mr. Raosaheb Chavan

Lab in Charge

Prof. Bhushan Inje