

SDM COLLEGE OF ENGINEERING AND TECHNOLOGY DHARWAD
ALL DEPARTMENT LAB AREA

	NAME OF AREA	Area in sqm
A	COMPUTER SCIENCE DEPT LAB AREA:	
1	RESEARCH CENTRE	110.00
2	AFORDABLE SOLUTION LAB	94.08
3	SOFTWARE ENGINEERING LAB	92.40
4	ANALOG & DIGITAL ELECTRONICS LAB	109.50
5	PROJECT LAB	92.40
6	DBMS OR NW LAB	94.08
7	LAB STORE ROOMS (4 Nos.)	63.35
8	LAB SERVER ROOMS	18.49
9	PASSAGE AREA (INFRONT OF LAB)	75.00
	TOTAL AREA	749.30
B	INFORMATION SCIENCE & ENGG DEPT	
1	ISE LAB - I	114.95
2	ISE LAB - 2	114.95
3	ISE LAB - 3	83.47
4	ISE LAB - 4	81.10
5	ISE LAB - 5	84.72
6	ISE LAB - 6	62.64
7	SERVER ROOM	5.75
8	STORE ROOM	5.06
9	LAB PASSAGE AREA	76.25
	TOTAL AREA	628.89

C	E & C DEPARTMENT LAB AREA:	
1	ELECTRONIC CIRCUIT LAB & POWER	
2	ELECTRONIC LAB	121.41
3	COMMUNICATION LAB	74.78
4	INTEGRATED CIRCUIT LAB	
5	MICRO PROCESSOR LAB	120.90
6	SERVICE COUNTER	26.11
7	A) STORE ROOM - I	15.41
8	B) STORE ROOM - II	15.87
9	LAB ASST AREA	11.50
10	RESEARCH LAB	34.87
11	P.G.LAB	53.94
12	LAB PASSAGE AREA	68.00
13	VLSI / VHDL LAB	170.40
14	LAB STORE + SERVER ROOM	11.62
15	LAB ASST ROOM	6.25
	LAB FRONT AREA	7.50
	OFFICE ROOM	15.87
	TOTAL AREA	754.47

Handwritten:
 22/7/23
 CME

Handwritten Signature:
 Chappu...

PRINCIPAL
 SHRI DHARWASTI IN A MARUN
 COLLEGE OF ENGINEERING AND

PROGRAM SPECIFIC LABORATORIES AND COMPUTING FACILITIES

Sl. No	Name of the laboratory	Area in (Sqm.)
1	Digital Circuit Design Lab	120.90
2	LIC & Communication Lab	74.80
3	Analog Electronics Circuit Lab	121.41
4	Research Lab	34.90
5	P.G.Lab	53.94
6	VLSI/VHDL Lab	84
7	DSP lab	84
8	Space for Technical Support Staff, Storage	117.48
9	Class room 25	91.675
10	Class room 26	91.675
11	Class room 27	91.675
12	Class room 28	91.675
13	Class room 31	68.4
	Total	1126.53

sd/

HOD

Q:

Part 2 Marks
 Digital Electronics & Computer Arch Engg
 The Design of Embedded & Technology
 (Semester 2)

Lab Wise Equipment List

1) Digital Circuit Design Lab

Sl.No	Name of the Item	Quantity	Amount in Rs
1	IC-Trainers	24	153765.00
2	IC-Tester	02	50274.00
3	Digital Multimeter	10	15635.00
4	Oscilloscope	10	184200.00
Total Rs			403874.00

2) Analog Electronics Circuit Lab

Sl. No	Name of the Item	Quantity	Amount in Rs
1	Oscilloscopes	13	197263.00
2	Power supplies	14	58860.00
3	Function Generators	33	217708.00
4	Decade Resistance Box	15	41903.00
5	Decade Inductance Box	22	74739.00
6	Decade Capacitance Box	14	41236.00
7	Digital Multimeter	16	26845.00
8	LCR Meter	02	31280.00
Total Rs			689834.00

3) LIC & Communication Lab

Sl.No	Name of the Item	Quantity	Amount in Rs
1	Power Supplies	10	50502.00
2	Oscilloscopes	14	268314.00
3	Decade Capacitance Box	12	47946.00
4	Digital Multimeter	10	16371.00
5	Decade Inductance Box	23	41192.00
6	Decade Resistance Box	14	30689.00
7	Function Generator	15	121364.00
Total Rs			576378.00

4) HDL Programming Lab

Sl.No	Name of the Item	Quantity	Amount
1	Spartan 6 Daughter Board with downloader Xilinx 14.7	13	226312.00
2	Oscilloscope	05	132750.00
3	Computer Lenovo Think Centre /Intel(R) Core (TM) i3 -2130 CPU @ 3.40 GHz 500 GB HDD	20	800000.00
Total Rs			1159062.00

5) DSP Laboratory/ Embedded Laboratory

Sl.No	Name of the Item	Quantity	Amount
1	MAT LAB Software	50 User	2512967.00
2	Computers Lenovo 5k9fp4h 12 th gen Intel (R) core i5 -12400 8 GB RAM 1TB HDD SSD 256	10	510920.00
3	Lenovo Think Centre S 510/Intel(R) Core (TM) i5 -6400 CPU @ 3.10 GHz 4 GB RAM 500 HDD	15	750000.00
4	ARM Processor Trainer Kit LPC 2148	11	83757.00
5	IOT Base Boards Raspberry pi (Quad core 1.2Ghz Broadcom BCM 2837 64 bit CPU) Arduino (UNO R3 ADC NCP 3008 @328)	12 06 06	106042.00
		Total Rs	3963686.00

6) VLSI Laboratory/CCN

Sl.No	Name of the Item	Quantity	Amount
1	Cadence software	20 user	825000.00
2	LENOVO Thinkcentre 12 th gen intel (R) core TM i7 -12700 16 @ 2.10 GHz 16 GB RAM 1TB HDD	20	155019.00
3	DELL CORE I5 3080 TOWER intel @ core (TM) i5-10500 CPU @ 3.10GHz 16 GB RAM 1 TB HDD	5	250000.00
		Total Rs	1230019.00

7) PG Lab Lab

Sl.No	Name of the Item	Quantity	Amount
1	LabVIEW	20	773430.00
2	ARM Cortex Kits	06	107232.00
3	Lenovo Think Centre /Intel(R) Core (TM) i3 -2130 CPU @ 3.40 GHz 500 GB HDD	06	300000.00
		Total Rs	1180662.00