



# ZES's ZEAL COLLEGE OF ENGINEERING AND RESEARCH

## LABORATORY

Department : Civil Engineering		
Sr. No.	LABORATORY	Available Area (in sqm)
1	Basic Civil Engineering	70.43
2	Engineering Mechanics	73.50
3	Surveying	69.56
4	Geotechnical Engineering	69.56
5	Engineering Geology	69.56
6	Testing of Materials - I	90.28
7	Testing of Materials - II	100.64
8	CAD	69.56
9	Environmental Engineering	93.70



## Department : Computer Engineering

Sr. No.	LABORATORY	Available Area (in sqm)
1	Software Lab-II	66.08
2	Hardware Lab	69.35
3	Digital Electronics Lab	69.92
4	Software Lab-I	69.73
5	Programming Lab-II	69.35
6	Project Lab	69.63
7	Database Lab	66.08
8	Research Lab	74.84
9	Multimedia System Lab	66.08
10	Computer Network Lab	66.08
11	Programming Lab-I	74.84
12	Internet Facility Center Lab	140.44



## Department : Electrical Engineering

Sr. No.	LABORATORY	Available Area (in sqm)
1	Electrical Machine Lab 1	66.94
2	Electrical Machine Lab 2	66.94
3	Computer Lab 1	63.38
4	Computer Lab 2	63.38
5	Electrical Measurement & Instrumentation Lab	66.94
6	Switchgear Protection Lab	66.94
7	Material Science & High Volt. Engg. Lab	66.94
8	Control System Lab & PLC SCADA	66.94
9	Power Electronics & Drives Lab	66.94
10	Micro Controller & Processor Lab	66.94
11	Analog & Digital Electronics Lab	69.92
12	Research Lab	66.94



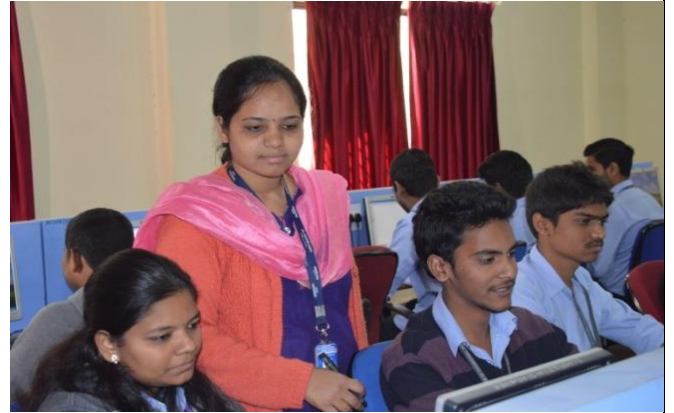
## Department : E&TC Engineering

Sr. No.	LABORATORY	Available Area (in sqm)
1	Electronic Devices & Circuit lab	69.92
2	DLD & MC Lab	66.02
3	Communication Engg Lab	66.02
4	VLSI & Embedded System Lab	66.94
5	Computer Programming Lab	68.72
6	PCB Lab	69.52
7	Power Electronics Lab	69.92
8	MWFO Lab	66.02
9	Project Lab ( Research )	66.02
10	PG Lab	66.76



## DEPARTMENT OF INFORMATION TECHNOLOGY

Sr. No.	LABORATORY	Available Area (in sqm)
1	Software Laboratory - I	66.44
2	Software Laboratory - II	66.44
3	Operating System Laboratory	66.44
4	Project Laboratory	66.03
5	Software Development And Testing Laboratory	69.56
6	Digital Electronics & Microprocessor Laboratory	90.09
7	Computer Graphics Laboratory	69.56
8	Computer Programming Laboratory -I	69.56
9	Computer Programming Laboratory II	69.56



## Department - Mechanical Engineering

Sr. No.	LABORATORY	Available Area (in sqm)
1	IC Engine Lab	67.71
2	CAD Lab - A	66.22
3	CAD Lab - B	67.43
4	Heat Transfer Lab	77.09
5	Metrology & Quality Control Lab	76.63
6	Mechatronics Lab	77.04
7	Thermodynamics Lab	66.22
8	Theory of Machine Lab	79.67
9	CAD Lab - C	77.25
10	Design of Machine Lab	66.22
11	Refrigeration, Air Conditioning Technology Lab	78.96
12	CAD Lab - PG	71.20
13	Strength of Machine Lab	69.56
14	Fluid Mechanics Lab	69.56
15	Turbo Machine Lab	69.56
16	BME - I	68.60
17	BME - II	69.34
18	CAD - I	79.92
19	CAD- II	69.35
20	Workshop	906.25



## Applied Science

Sr. No.	LABORATORY	Available Area (in sqm)
1	CAD Lab- I	79.92
2	CAD Lab- II	69.35
3	Computer Center	151.06
4	Physics Lab	93.675
5	Electrical Lab	80.47
6	Electronics Lab	79.49
7	Basic Civil Lab	70.43
8	Engineering Mechanics Lab	73.5
9	Chemistry Lab	99.075
10	Drawing Hall	141.4

