

PRASIDDHA COLLEGE OF ENGINEERING & TECHNOLOGY

INFRASTRUCTURE FACILITIES

Details of Laboratories (with No. of Experiments and floor area in sq.m)

S. No	Name of the laboratory	Floor area (sq.m)	No. of working Computers with audio, software	Courses for which the lab. is to be used and No. of students working/per week
1.	English Language	70	30	B.Tech:- CSE, ECE, EEE, MECH, CIVIL
2.	Computer labs	300	130	B.Tech:- CSE, ECE, EEE, MECH, CIVIL M.Tech:- CSE, CS, DECS, CAD/CAM, PE&PS, TE,ES
3.	Drawing Hall	132	No. of Drg. Tables:	120

Name of the Department:

S. No	Name of the laboratory	Floor area (sq.m)	Experiments			Courses for which the lab. is to be used and No. of students working/per week
			Total No.	No. per cycle-	session	
1	DEPARTMENT OF CSE:					
	Computer programming lab	70	13	6	2	B.Tech CSE,ECE,EEE,MECH, CIVIL(260)
	Advanced data structures lab	70	12	6	2	B.Tech CSE (35)
	Unix & Shell Progammig Lab	70	13	6	2	B.Tech CSE(98)
	Object Oriented programming through	70	12	6	2	B.Tech CSE (35)

	C++ lab					
	Object oriented programming through java lab	70	12	6	2	B.Tech CSE(35)
	DBMS Lab	70	12	6	2	B.Tech CSE (45)
	Micro processor & interfacing Lab	70	13	6	2	B.Tech CSE, ECE,EEE(184)
	Computer networks & Case tool Lab	70	12	6	2	B.Tech CSE(55)
	Computer networks Lab	70	12	6	2	B.Tech CSE(45)
	Operating Systems & UNIX Lab	70	13	6	2	B.Tech CSE(45)
	IT WORK SHOP	70	13	7	2	B.Tech CSE,ECE,EEE, MECH, CIVIL(260)
	DS LAB	70	16	8	2	B.Tech CSE(35)
	Web Technology Lab	70	12	6	2	B.Tech CSE(45)
	AWT LAB	70	12	6	2	B.Tech CSE(79)
	FOSS LAB	70	12	6	2	B.Tech CSE(35)
	Compiler design lab	70	12	6	2	B.Tech CSE(35)
	SE lab	70	12	6	2	B.Tech CSE(45)
	UML & DP lab	70	12	6	2	B.Tech CSE(98)
	MAD lab	70	12	6	2	B.Tech CSE(98)
	CSE LAB-1	70	12	6	2	B.Tech CSE(14)
	CS LAB-1	70	12	6	2	M.Tech CS(1)
	CSE Lab-II	70	12	6	2	M.Tech CSE(14)

	CS Lab-II	70	12	6	2	M.Tech CS(1)
2	DEPARTMENT OF ECE:					
	EDC LAB	70	12	6	2	B.Tech ECE,EEE, MECH(123)
	PDC Lab	70	12	6	2	B.TECH ECE(29)
	DLD LAB	70	12	6	2	B.Tech CSE(35)
	Analog Communications Lab	70	12	6	2	B.Tech ECE(58)
	Digital Communications Lab	70	12	6	2	B.Tech ECE(58)
	ECA Lab	70	12	6	2	B.Tech ECE(58)
	Microprocessor & MC Lab	70	12	6	2	B.Tech EEE,ECE(184)
	Microwave & OC Lab	70	12	6	2	B.Tech ECE(130)
	DSP Lab	70	12	6	2	B.Tech ECE(130)
	LICA Lab	70	12	6	2	B.Tech ECE(58)
	DSD & Dica Lab	70	12	6	2	B.Tech ECE(58)
	Design & Simulation Lab	70	12	6	2	M.Tech DECS(14)
	ACS Lab	70	12	6	2	M.Tech DECS(14)
	Embedded C Lab	70	12	6	2	M.Tech ES(23)
	Embedded Systems Lab	70	12	6	2	M.Tewch Es(23)

3	DEPARTMENT OF EEE:					
	Electrical Circuits & Simulation Lab	70	12	6	2	B.Tech ECE,EEE(123)
	Electrical Machines Lab-I	70	12	6	2	B.Tech EEE(40)
	Electrical Machines Lab-II	70	12	6	2	B.Tech EEE(56)
	Control systems & Simulation Lab	70	12	6	2	B.Tech EEE(56)
	Power Electronics & Simulation Lab	70	12	6	2	B.Tech EEE(56)
	Electrical Measurements Lab	70	12	6	2	B.Tech EEE(56)
	Power Systems Lab	70	12	6	2	B.Tech EEE(52)
	Systems Simulation Lab	70	12	6	2	M.Tech PE & PS(18)
	Power Systems Lab	70	12	6	2	M.Tech PE & PS(18)
4	DEPARTMENT OF MECHANICAL:					
	Engineering Workshop Practice lab	70	12	6	2	B.Tech CSE, ECE,EEE, MECH(260)
	CAD Lab	70	12	6	2	B.Tech MECH(54)
	Machine Tools Lab	70	12	6	2	B.Tech MECH(60)
	Production Technology Lab	70	12	6	2	B.Tech Mech(54)
	MOS Lab & Metallurgy	70	12	6	2	B.Tech MECH(54)

	Lab					
	Thermal Engineering	70	12	6	2	B.Tech MECH(54)
	FM & HM LAB	70	12	6	2	B.Tech MECh,CIVIL(65)
	Thermal Engineering & HYDRO Lab	70	12	6	2	B.Tech EEE(40)
	Metrology & Instrumentation Lab	70	12	6	2	B.Tech MECh (60)
	Simulation Lab	70	12	6	2	B.Tech MECh(77)
	HT Lab	70	12	6	2	B.Tech MECh(60)
	Advanced CAD Lab	70	12	6	2	M>Tech CAD/CAM(3)
	Thermal Engineering Lab	70	12	6	2	M.Tech TE(11)
	Modeling & Analysis of Manufacturing Processes Lab	70	12	6	2	M.Tech CAD/CAM(3)
	Thermal Systems Design Lab	70	12	6	2	M.Tech TE(11)
5	DEPARTMENT OD HUMANITIES & BASIC SCIENCE:					
	English Language Lab	70	12	6	2	B.Tech CSE,ECE,EEE, MECH,CIVIL (260)
	Engineering Physics Lab	70	12	6	2	B.Tech CSE,ECE,EEE, MECH,CIVIL (260)
	Engineering Chemistry lab	70	12	6	2	B.Tech CSE,ECE,EEE, MECH,CIVIL (260)