

Geethanjali College of Engineering and Technology
Department of ECE
Occupancy of Physical Labs under ECE Department

S . No.	Room Number (Area in Sq.m)	AY 2024-25 (I, II and III B.Tech - AR22 and IV B.Tech - AR20)	
		Year and Regulation	Lab Name
1	F101 (71)	III-ECE (AR22)	Microprocessors and Assembly Language Programming Lab (20EC31L01)
		III-EEE (AR22)	Microprocessors and Assembly Language Programming Lab (20EC32L04)
2	F102 (69)	IV-EEE (AR20)	Electronic Design Lab (20EC41L03)
		III ECE (AR22)	Project Oriented Lab (20EC32L03)
3	F105 (106)	II-ECE (AR22)	Electronic Circuit Analysis and Design Lab (20EC21L03)
		II-EEE (AR22)	Analog Circuits Lab (20EC22L03)
4	F113 (80)	II-ECE (AR22) & II EEE (AR22)	Digital Design Lab (20EC21L02)
		I ECE & EEE (AR22)	Semiconductor Devices and Circuits Lab (20EC12L01)
5	F114 (105)		
		II-ECE (AR22)	Linear Integrated Circuits Lab (20EC22L02)
6	S214 (105)	II-ECE (AR22)	Analog Communications Lab (20EC22L01)
		III-ECE (AR22)	Digital Communications Lab (20EC31L02)
7	T315 (105)	IV-ECE (AR20)	Microwave Engineering Lab (20EC41L01)
8	T316 (68)	IV-ECE (AR20)	EDA tools and Simulation Lab (20EC41L02)
		III-ECE (AR22)	Microcontrollers and Embedded Systems Lab (20EC32L01)
9	T317 (69)	II-ECE (AR22)	Signals and Systems Lab (20EC21L01)
		III-ECE (AR22)	Digital Signal Processing Lab (20EC32L02)
10	T318 (78)	III-CSE(IoT) (AR22)	Embedded Systems and IoT Lab (20EC31L03)

Curriculum Labs in AY 2024–25

(I, II and III - AR22, IV Year- AR20)

S . No.	Year	Regulation	Semester	Lab Name
1	I ECE & EEE	AR22	Second	Semiconductor Devices and Circuits Lab (20EC12L01)
2	II-ECE II-EEE	AR22	First	Signals and Systems Lab (Semester I) (20EC21L01)
				Digital Design Lab (Semester I) (20EC21L02)
				Electronic Circuit Analysis and Design Lab (Semester I) (20EC21L03)
				Digital Design Lab (Semester I) (D) (20EC21L02)
3	II-ECE II-EEE	AR22	Second	Analog Communications Lab (Semester II) (20EC22L01)
				Linear Integrated Circuits Lab (Semester II) (20EC22L02)
				Analog Circuits Lab (Semester II) (20EC22L04)
4	III-ECE III CSE(IoT)	AR22	First	Microprocessors and Assembly Language Programming Lab (Semester I) (20EC31L01)
				Digital Communications Lab (Semester I) (20EC31L02)
				Embedded Systems and IoT Lab (Semester I) (20EC31L03)
5	III-ECE III-EEE	AR22	Second	Microcontrollers and Embedded Systems Lab (Semester II) (20EC32L01)
				Digital Signal Processing Lab (Semester II) (20EC32L02)
				Project Oriented Lab (Semester II) (20EC32L03)
				Microprocessors and Assembly Language Programming Lab (Semester II) (20EC32L04)
6	IV-ECE IV-EEE	AR20	First	Microwave Engineering Lab (Semester I) (20EC41L01)
				EDA tools and Simulation Lab (Semester I) (20EC41L02))
				Electronic Design Lab (Semester I) (20EC41L03)

Lab Masters to Give to EEE and CSE(IoT) Departments		Lab Masters to receive from FE and CSE Departments	
I EEE II Sem (AR22)	Semiconductor Devices and Circuits Lab (20EC12L01)	II ECE II Sem (AR22)	Object Oriented Programming Lab (20CS22L01)
II-EEE I Sem (AR22)	Digital Design Lab (Semester I) (D) (20EC21L02)	III ECE I Sem (AR22)	Professional Communications Skills Lab (20EN31L01)
II-EEE II Sem (AR22)	Analog Circuits Lab (20EC22L04)		
III-CSE(IoT) I Sem (AR22)	Embedded Systems and IoT Lab (Semester I) (20EC31L03)		
III-EEE II Sem (AR22)	Microprocessors and Assembly Language Programming Lab (Semester II) (20EC32L04)		
IV-EEE I Sem (AR20)	Electronic Design Lab (20EC41L03)		