

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

S . No.	Room Number	AY 2023-24 (I and II B.Tech - AR22 and III and IV B.Tech - AR20)	
		Year and Regulation	Lab Name
1	101	III-ECE (AR20)	Microprocessors and Assembly Language Programming Lab (20EC31L01)
		III-EEE (AR20)	Microprocessors and Assembly Language Programming Lab (20EC32L04)
2	102	IV-EEE (AR20)	Electronic Design Lab (20EC41L03)
		III ECE (AR20)	Project Oriented Lab (20EC32L03)
3	105	II-ECE (AR22)	Electronic Circuit Analysis and Design Lab (20EC21L03)
		II-EEE (AR22)	Analog Circuits Lab (20EC22L03)
4	113	II-ECE (AR22) & II EEE (AR22)	Digital Design Lab (20EC21L02)
5	114		
		II-ECE (AR22)	Linear Integrated Circuits Lab (20EC22L02)
6	117		
		I ECE & EEE (AR22)	Semiconductor Devices and Circuits Lab (20EC12L01)
7	214	II-ECE (AR22)	Analog Communications Lab (20EC22L01)
		III-ECE (AR20)	Digital Communications Lab (20EC31L01)
8	315	IV-ECE (AR20)	Microwave Engineering Lab (20EC41L01)
9	316	IV-ECE (AR20)	EDA tools and Simulation Lab (20EC41L02)
		III-ECE (AR20)	Microcontrollers and Embedded Systems Lab (20EC32L01)
10	317	II-ECE (AR22)	Signals and Systems Lab (20EC21L01)
		III-ECE (AR20)	Digital Signal Processing Lab (20EC32L02)
11	318	III-CSE(IoT) (AR20)	Embedded Systems and IoT Lab (20EC31L03)
		II- CSE(IoT) (AR22)	Smart Sensors and Instrumentation Lab (20EC22L03)

Curriculum Labs in AY 2023–24

(I and II - AR22, III and 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	AR22	First	Signals and Systems Lab (Semester I) (20EC21L01)
	II-EEE			Digital Design Lab (Semester I) (20EC21L02)
3	II-ECE	AR22	Second	Electronic Circuit Analysis and Design Lab (Semester I) (20EC21L03)
	II-EEE			Digital Design Lab (Semester I) (D) (20EC21L02)
4	III-ECE	AR20	First	Analog Communications Lab (Semester II) (20EC22L01)
	III-EEE			Linear Integrated Circuits Lab (Semester II) (20EC22L02)
5	III-ECE	AR20	Second	Smart Sensors and Instrumentation Lab (Semester II) (20EC22L03)
	III-EEE			Analog Circuits Lab (Semester II) (20EC22L04)
6	IV-ECE	AR20	First	Microprocessors and Assembly Language Programming Lab (Semester I) (20EC31L01)
	IV-EEE			Digital Communications Lab (Semester I) (20EC31L02)
7	IV-ECE	AR20	Second	Embedded Systems and IoT Lab (Semester I) (20EC31L03)
	IV-EEE			Microcontrollers and Embedded Systems Lab (Semester II) (20EC32L01)
8	IV-ECE	AR20	First	Digital Signal Processing Lab (Semester II) (20EC32L02)
	IV-EEE			Project Oriented Lab (Semester II) (20EC32L03)
9	IV-ECE	AR20	Second	Microprocessors and Assembly Language Programming Lab (Semester II) (20EC32L04)
	IV-EEE			Microwave Engineering Lab (Semester I) (20EC41L01)
10	IV-ECE	AR20	First	EDA tools and Simulation Lab (Semester I) (20EC41L02))
	IV-EEE			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 (AR20)	Professional Communications Skills Lab (20EN31L01)
II-CSE(IoT) II Sem (AR22)	Smart Sensors and Instrumentation Lab (20EC22L03)		
II-EEE II Sem (AR22)	Analog Circuits Lab (20EC22L04)		
III-CSE(IoT) I Sem (AR20)	Embedded Systems and IoT Lab (Semester I) (20EC31L03)		
III-EEE II Sem (AR20)	Microprocessors and Assembly Language Programming Lab (Semester II) (20EC32L04)		
IV-EEE I Sem (AR20)	Electronic Design Lab (20EC41L03)		