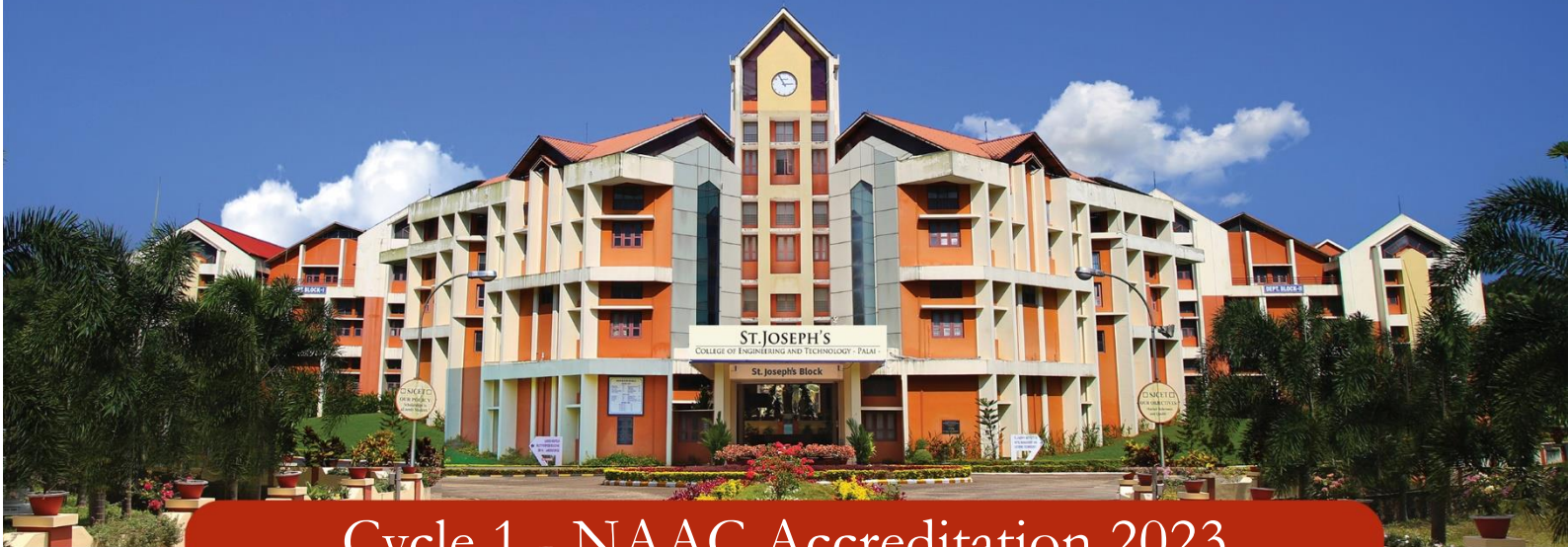




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Cycle 1 - NAAC Accreditation 2023

Criterion - 4

Infrastructure & Learning Resources

4.3.2 Student – Computer Ratio

Submitted to:



National Assessment and Accreditation Council

Criterion - 4

Infrastructure & Learning Resources

CONTENTS

- [Computer Infrastructure Summary](#)
- [Computer Students Ratio Computation Sheet](#)
- [Computer Facility Details](#)
- [Computer Details \(Stock Register Entries & Bills\)](#)



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IT INFRASTRUCTURE SUMMARY

Computers for Students use			
Sl. No.	Location	Department	Quantity
1	Software Computing Lab	CSE	65
2	Networking Lab	CSE	33
3	Programming Lab	CSE	34
4	Centre For Software Consultancy	CSE	3
5	Research Lab	CSE	28
6	EEE Computer Lab	EEE	33
7	Simulation Lab	EEE	20
8	CE Software Lab	CE	64
9	CAD/CAM Lab	ME	36
10	Industrial Engineering & Computational Lab	ME	15
11	EDA Lab	ECE	35
12	VLSI & Embedded Systems Lab	ECE	35
13	Communication Lab	ECE	6
14	Research & Development Lab	ECE	25
15	AD Computer Lab - I	AD	32
16	MBA Reference	MBA	10
17	MCA Computer Lab	MCA	62
18	Process Control Lab	EI	5
19	Main Library	Central	14
20	Central Computing Facility (CCF)	Central	60
Total =			615




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Computers Students Ratio Mandated by AICTE

Programs →	B.Tech.	M.Tech.	MCA	MBA
Ratio	1:6	1:4	1:4	1:6

Students Strength 2022-23

Programs	Sanctioned Intakes (All Years)	Computers Required (For Sanctioned Strength)	Enrolled Student Strength 2022-23 (ODD)	Computers Required (For Enrolled Student Strength)
B.Tech	2100	350	1925	321
M.Tech	126	32	42	11
MCA	120	30	100	25
MBA	120	20	83	14
Total =	2466	-	2150	-
Computer Required Total =		432		371
Available =			615	

Students Computer Ratio: **3.49:1**

(Formula Students : Computers $2150/615 = 3.49:1$)




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Name of Lab/ Amenity	Software Computing Lab
Room Number	115
Location	Mother Theresa Block
Total Floor Area	188.48 sq m
Additional facility in the described area	Wifi, LAN, LCD



Figure 1: Software Computing Lab Geotagged Photo 1

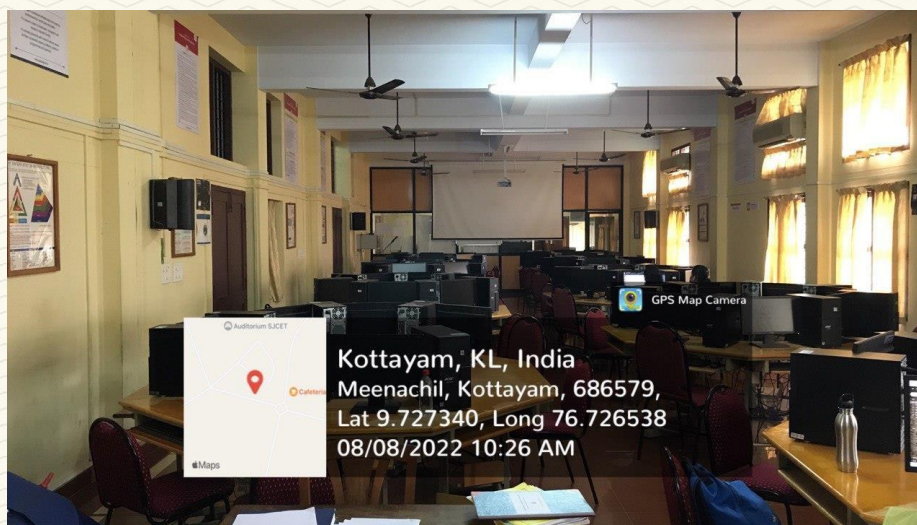


Figure 2: Software Computing Lab Geotagged Photo 2



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Figure 3: Software Computing Lab Geotagged Photo 3



Figure 4: Software Computing Lab Geotagged Photo 4



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Name of Lab/ Amenity	Networking Lab
Room Number	209
Location	St. John Paul Block
Total Floor Area	75 sq m
Additional facility in the described area	LAN

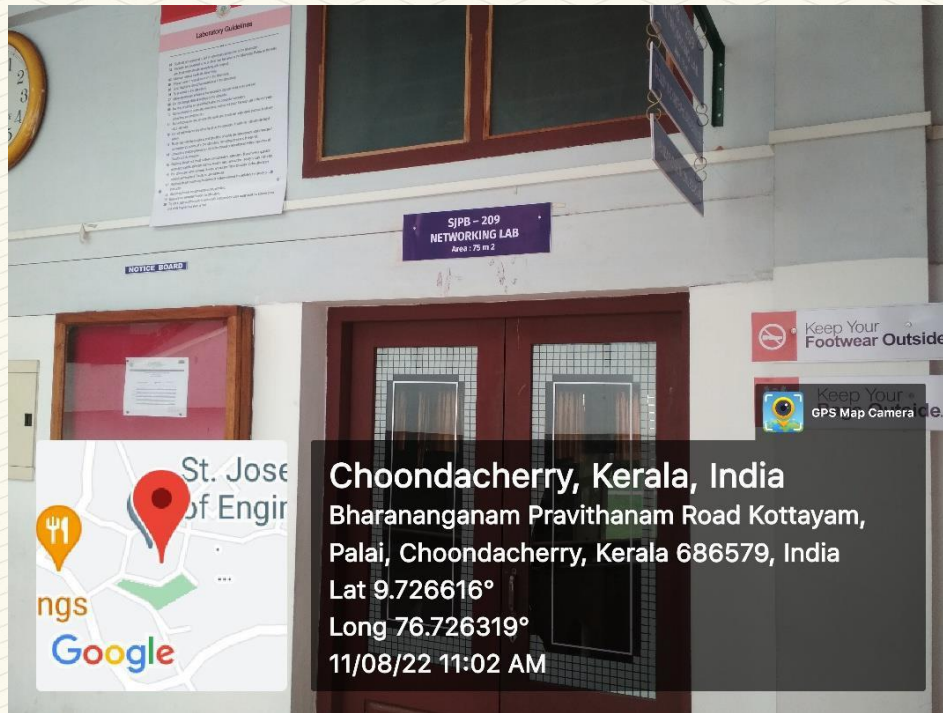


Figure 1: Networking Lab Geotagged Photo 1

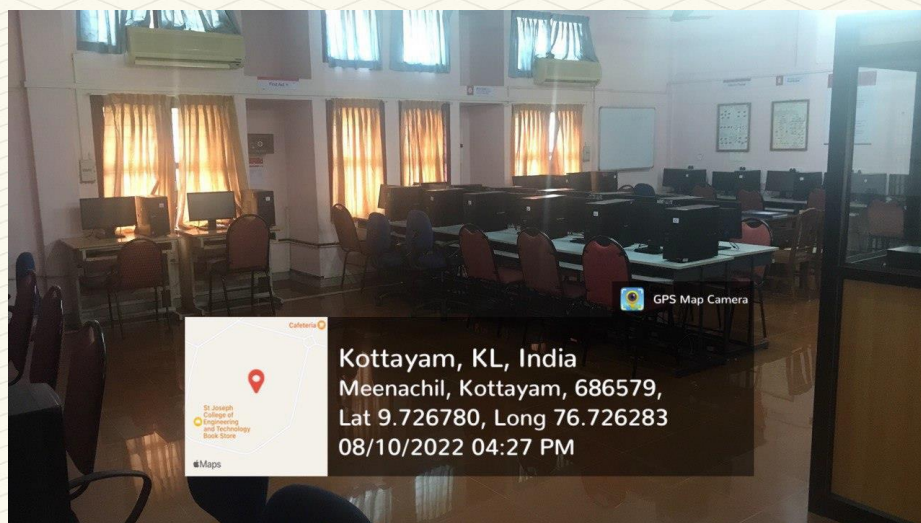


Figure 2: Networking Lab Geotagged Photo 2



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Name of Lab/ Amenity	Programming Lab
Room Number	209
Location	Mother Theresa Block
Total Floor Area	93.68 sq m
Additional facility in the described area	Wifi, LAN, LCD

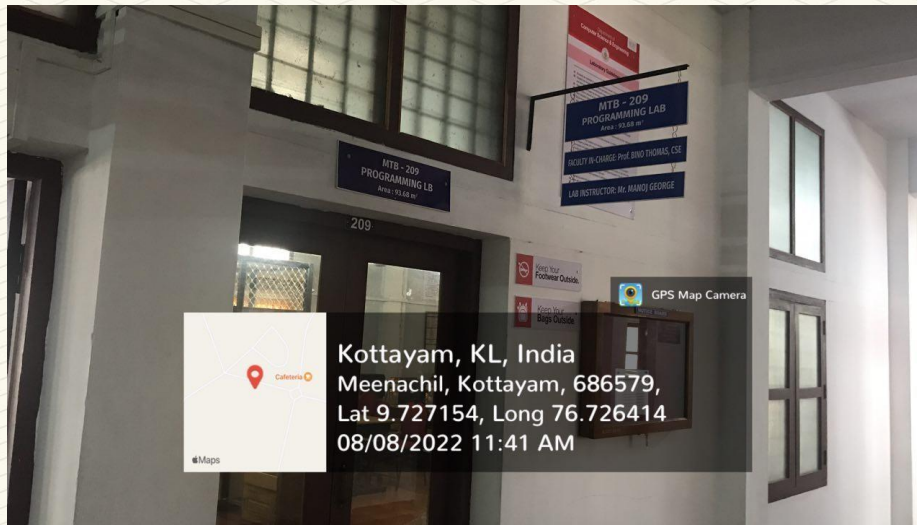


Figure 1: Programming Lab Geotagged Photo 1



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Figure 2: Programming Lab Geotagged Photo 2

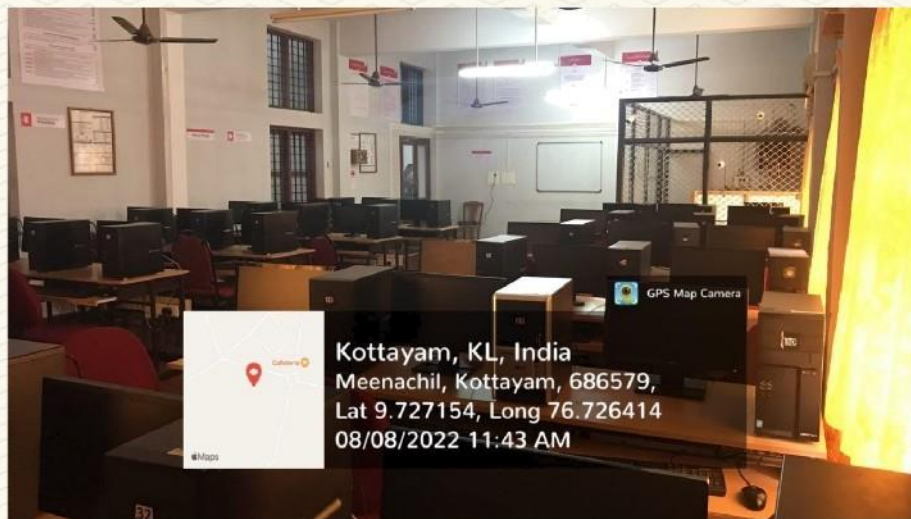


Figure 3: Programming Lab Geotagged Photo 3



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Name of Lab/ Amenity	Research Lab
Room Number	308
Location	Mother Theresa Block, Third Floor
Total Floor Area	69.61 sq m
Additional facility in the described area	Wifi, LAN, LCD

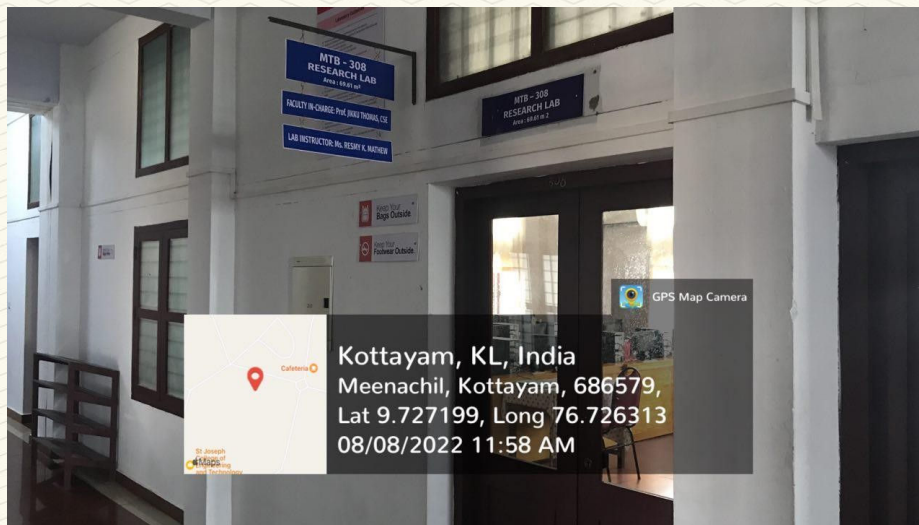


Figure 1: Research Lab Geotagged Photo 1



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Figure 2: Research Lab Geotagged Photo 2



Figure 3: Research Lab Geotagged Photo 3



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Department	Electrical and Electronics Engineering
Name of the Lab/Amenity	EEE Computer Lab
Location, Room No.	SJPB, third floor, 306
	

Figure 1

Figure 2



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Department	Electrical and Electronics Engineering
Name of the Lab/Amenity	EEE Simulation Lab
Location, Room No.	Electrical Lab Complex, second floor,13
Total Floor Area	65
Additional Facility in the described area	LAN, White Board



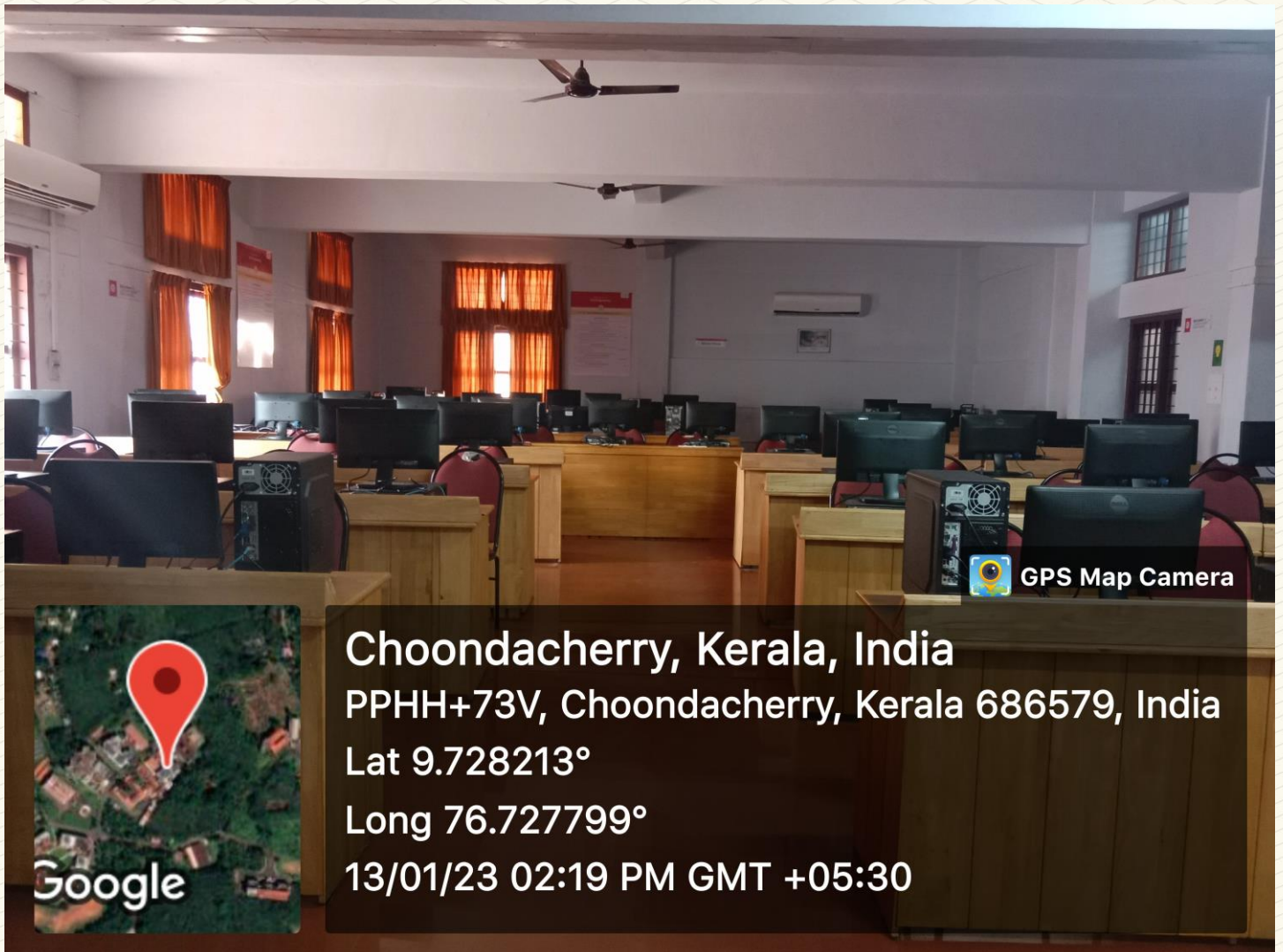
Figure 21: EEE Simulation Lab



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Department	Civil Engineering
Name of the LAB/ Amenity	Computer Lab (Room No.013)
Location	NEWTON BLOCK
Total floor Area	141m ²
The additional facility in the described area	Wi-Fi, LAN, Desktops, UPS



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Figure 1 Computer Lab



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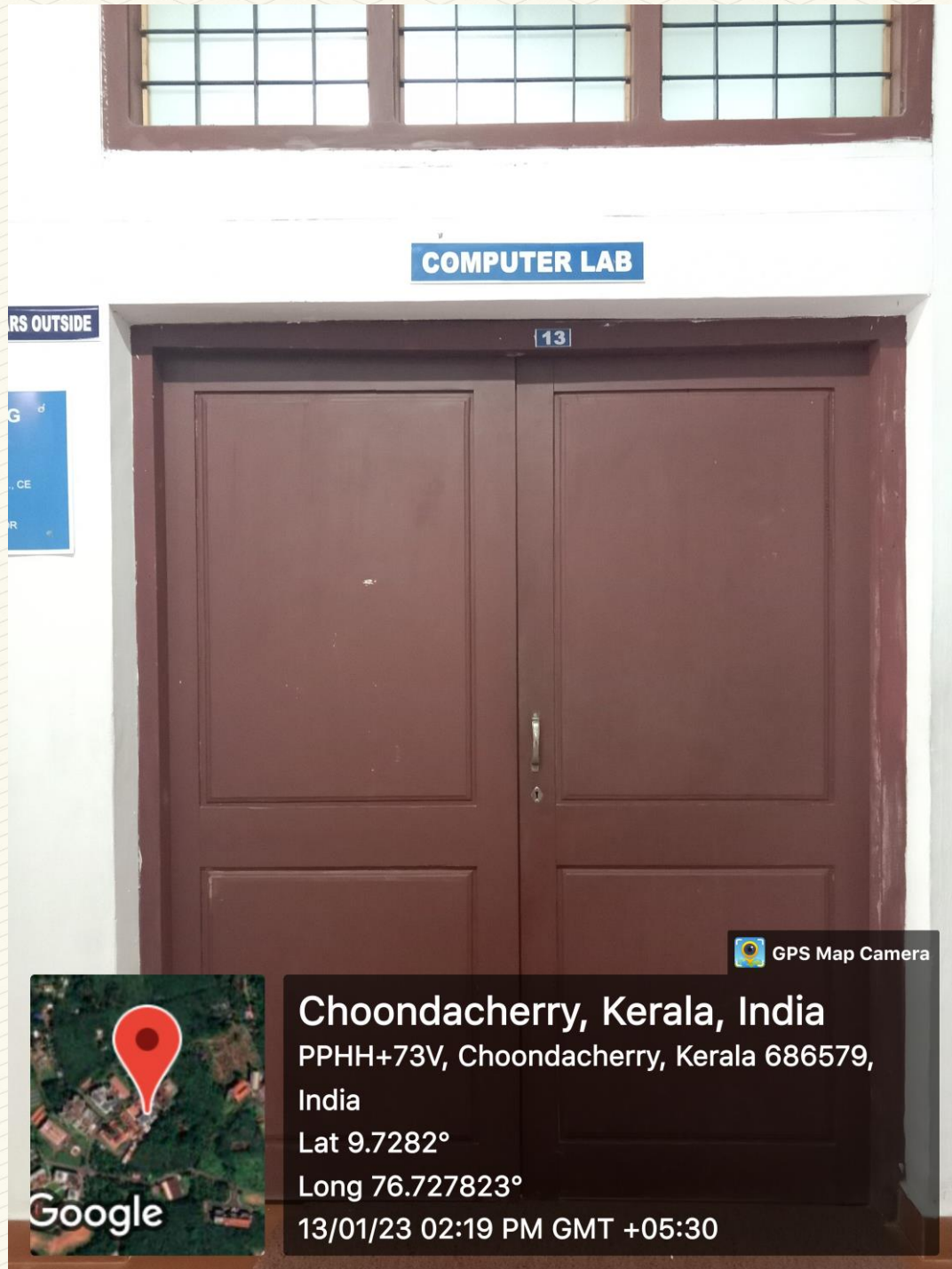


Figure 2. Computer Lab



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Department	Mechanical Engineering
Name of Classroom	CAD Lab (303)
Location	St. John Paul Block
Total Floor Area (m ²)	56
Additional Facilities in the Area	Wi-Fi, LCD Projector, LAN Switch, Fire Extinguisher, FAB

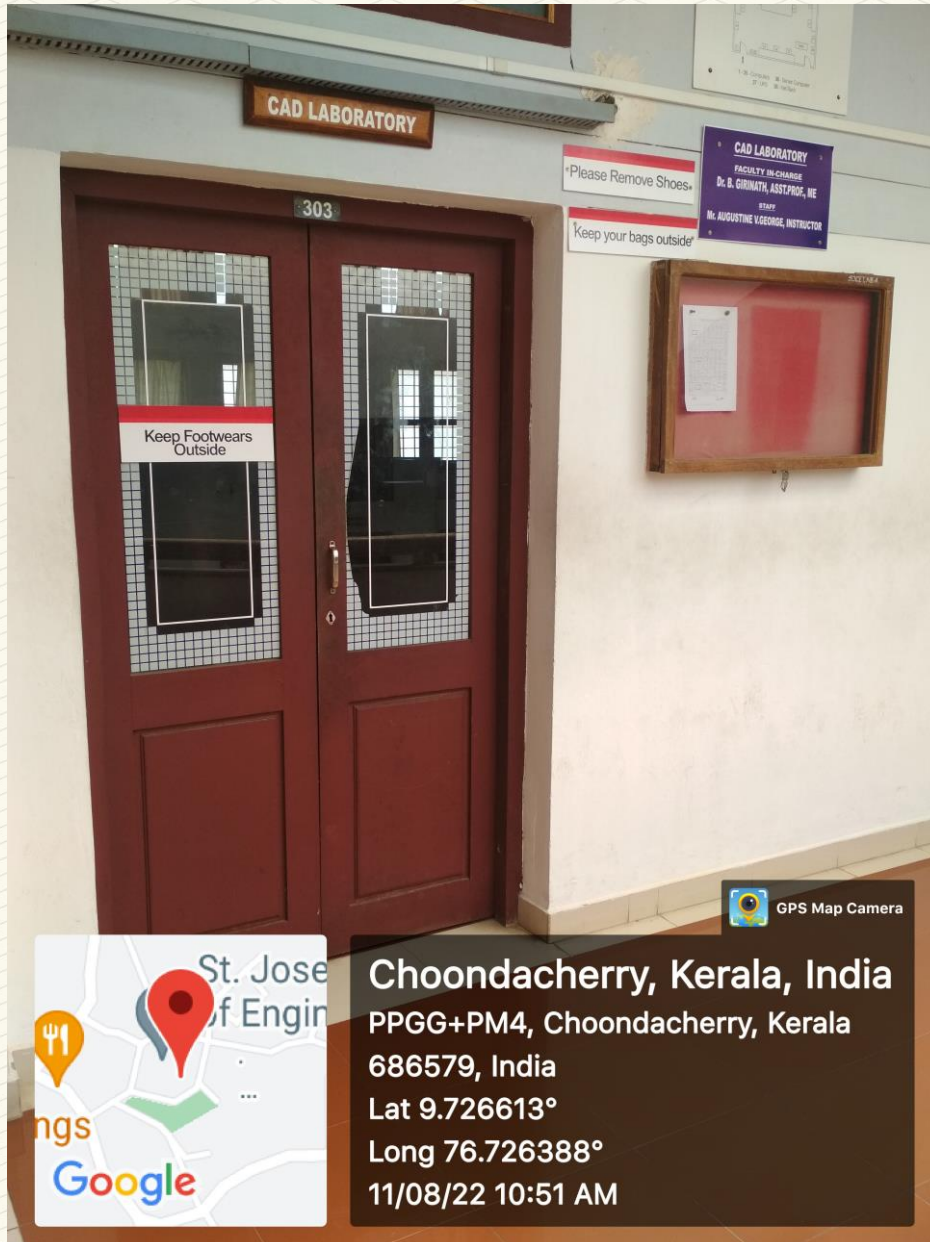


Figure 99: CAD Lab Geotagged Photo 1



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Figure 100: CAD Lab Geotagged Photo 2



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Figure 101: CAD Lab Geotagged Photo 3



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Department	Mechanical Engineering
Name of Laboratory	Industrial Engineering & Computational Lab (Room No. 8)
Location	Newton Block, Ground Floor
Total Floor Area (m²)	18.2
Additional Facilities in the Area	Wi-Fi, LAN, 15 Computers, Section for Funded projects, Equipment of funded projects

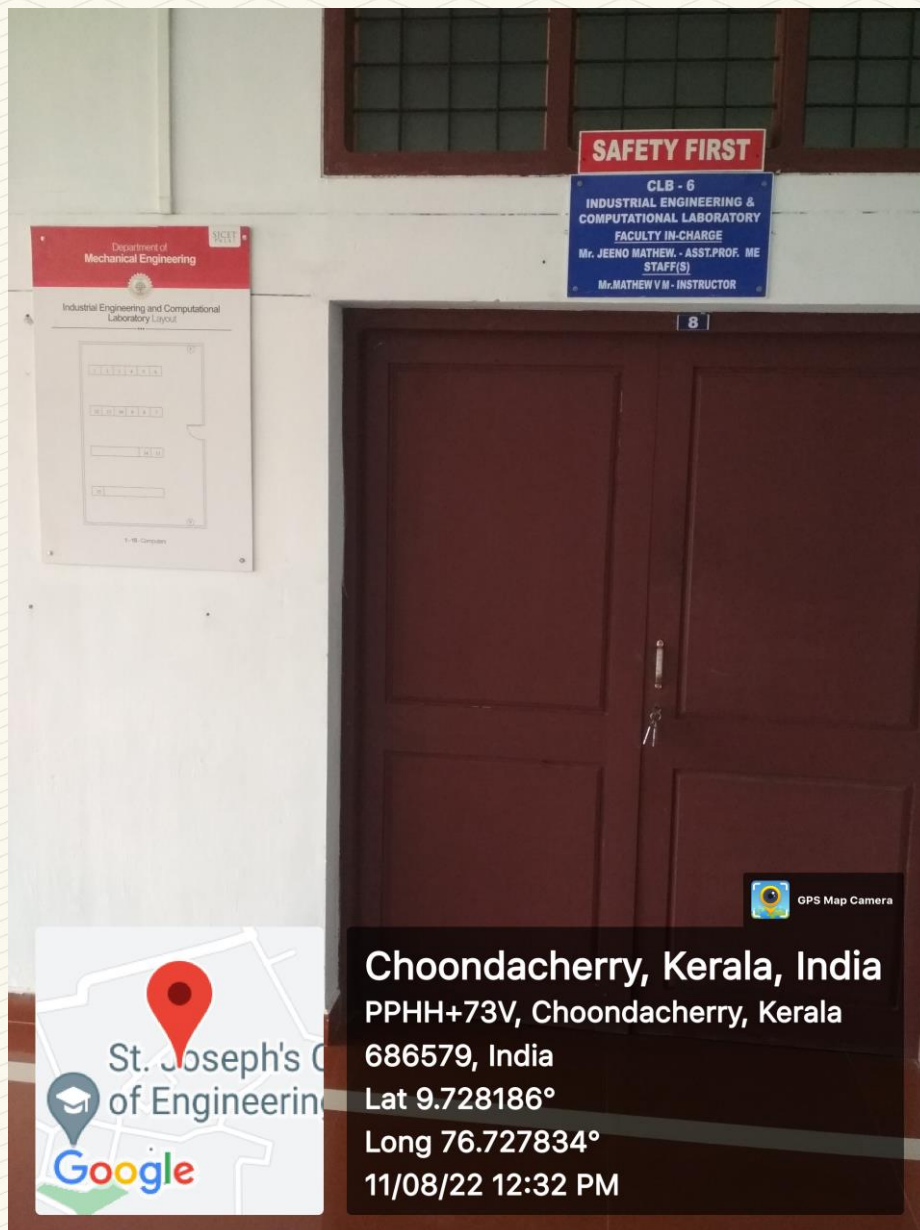


Figure 19: Industrial Engineering & Computational Lab Geotagged Photo 1



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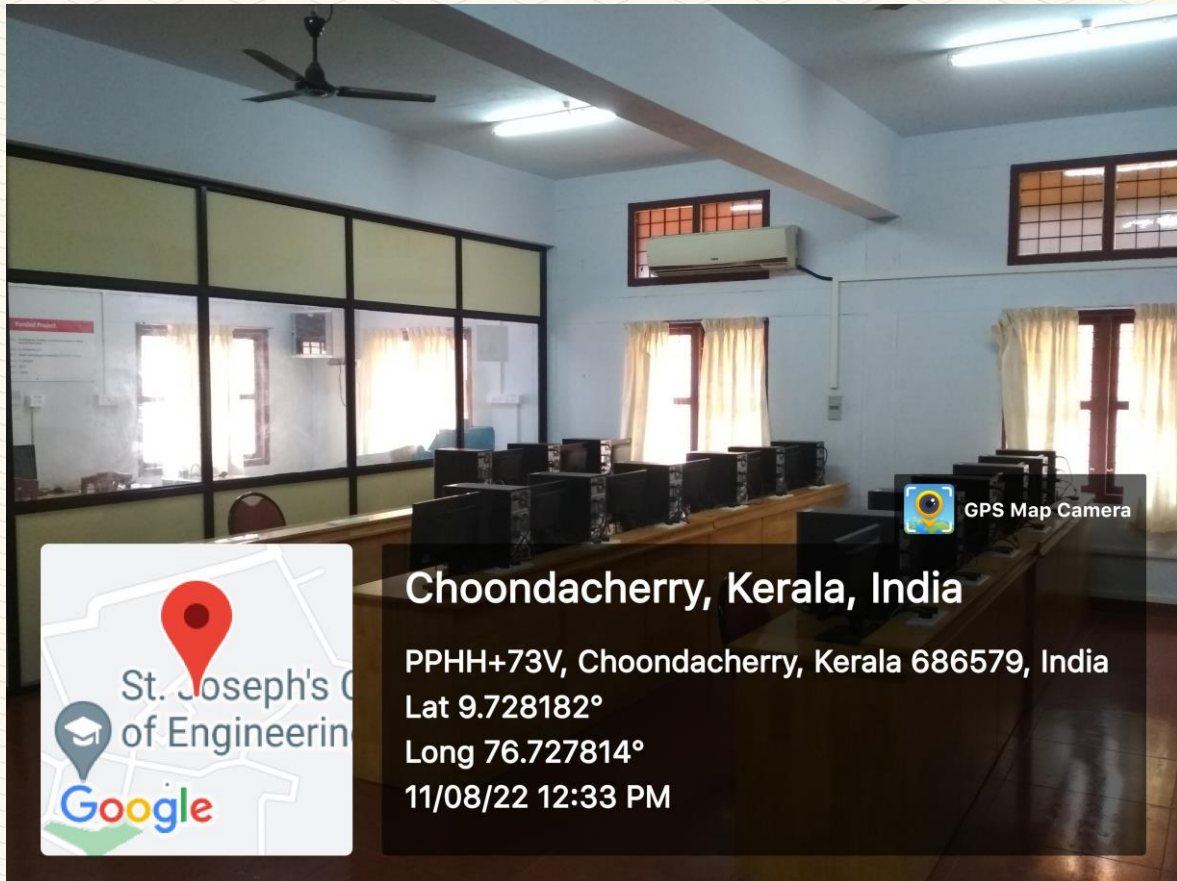


Figure 20: Industrial Engineering & Computational Lab Geotagged Photo 2



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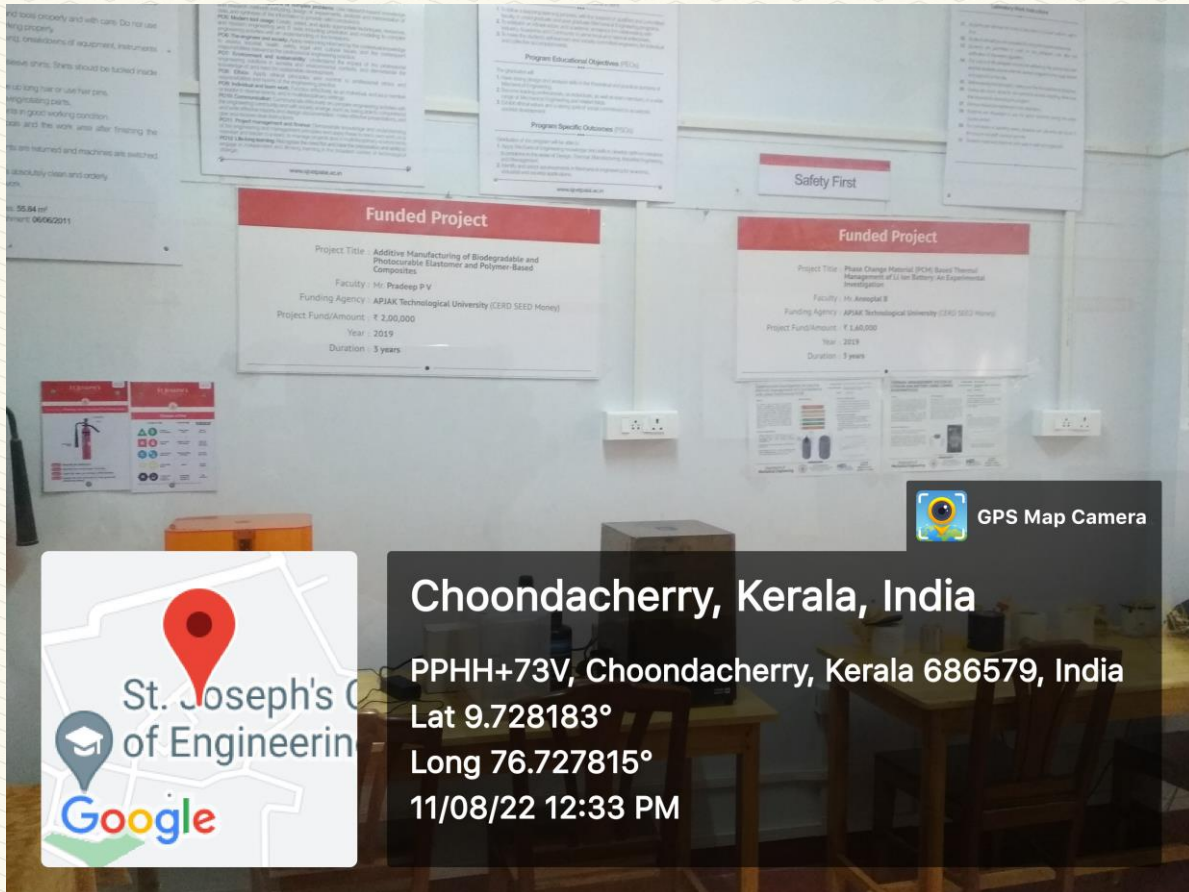


Figure 21: Industrial Engineering & Computational Lab Geotagged Photo 3



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Department	Electronics and Communication Engineering
Name of the LAB/ Amenity	E.D.A Lab (Room No. 14)
Location	Electronics Lab Block (First floor)
Total floor Area	121.72 sq. m.
Additional facility in the described area	Fire Extinguisher, First aid box, LCD Projector

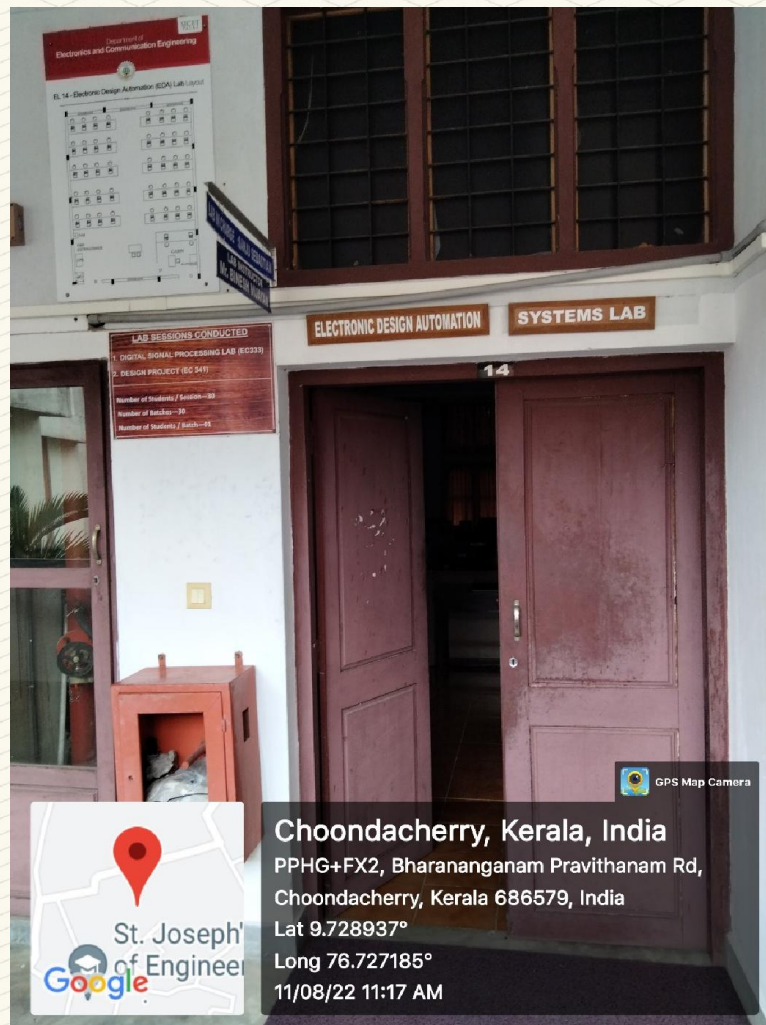


Figure 1: E.D.A Lab (Room No. 14)
Geotagged Photo 1



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Figure 2: E.D.A Lab (Room No. 14) Geotagged Photo 2



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Figure 3: E.D.A Lab (Room No. 14) Geotagged Photo 3



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Figure 4: E.D.A Lab (Room No. 14) Geotagged Photo 4



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Department	Electronics and Communication Engineering
Name of the LAB/ Amenity	VLSI Lab (Room No. 13)
Location	Electronics Lab Block (First floor)
Total floor Area	126.06 sq. m.
Additional facility in the described area	Fire Extinguisher, First aid box

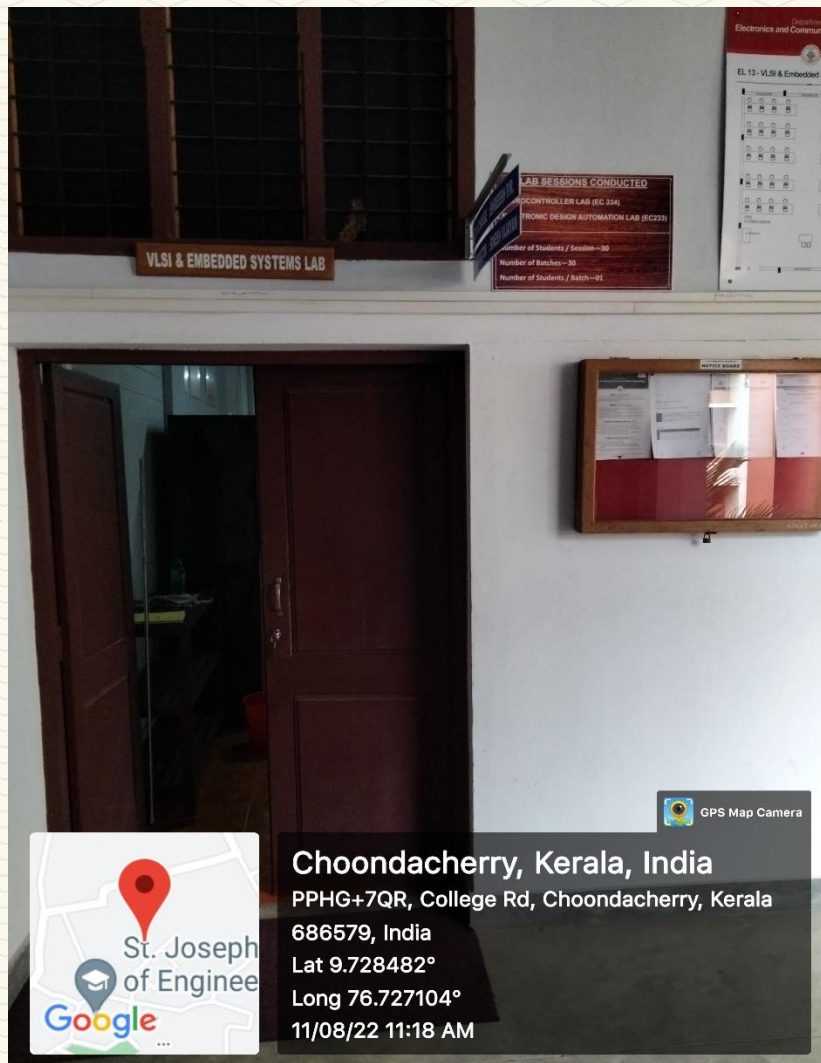


Figure 1: VLSI Lab (Room No. 13) Geotagged
Photo 1

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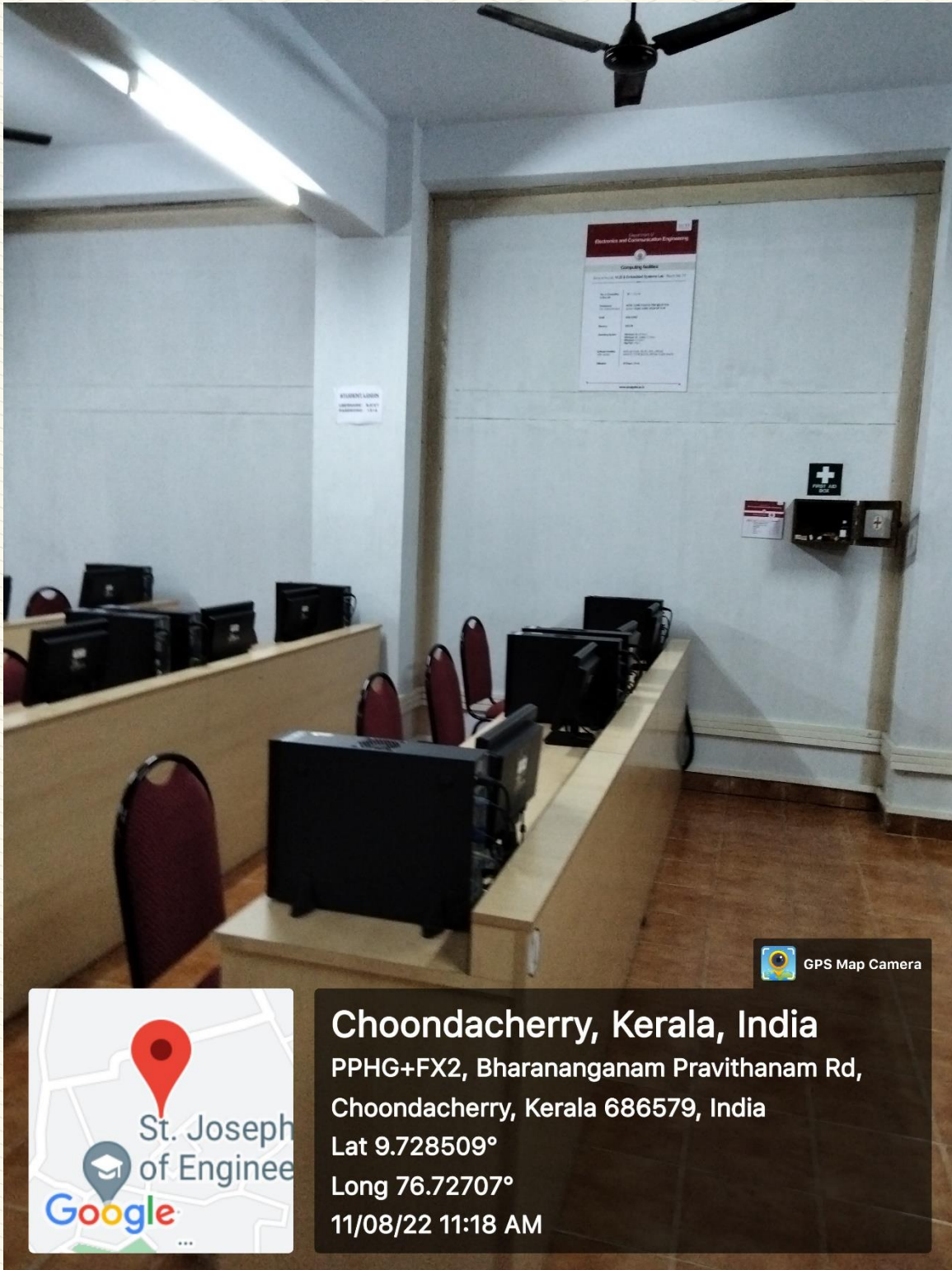


Figure 2: VLSI Lab (Room No. 13) Geotagged Photo 2



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GPS Map Camera



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Lat 9.728509°

Long 76.72707°

11/08/22 11:18 AM

Figure 3 VLSI Lab (Room No. 13) Geotagged Photo 3



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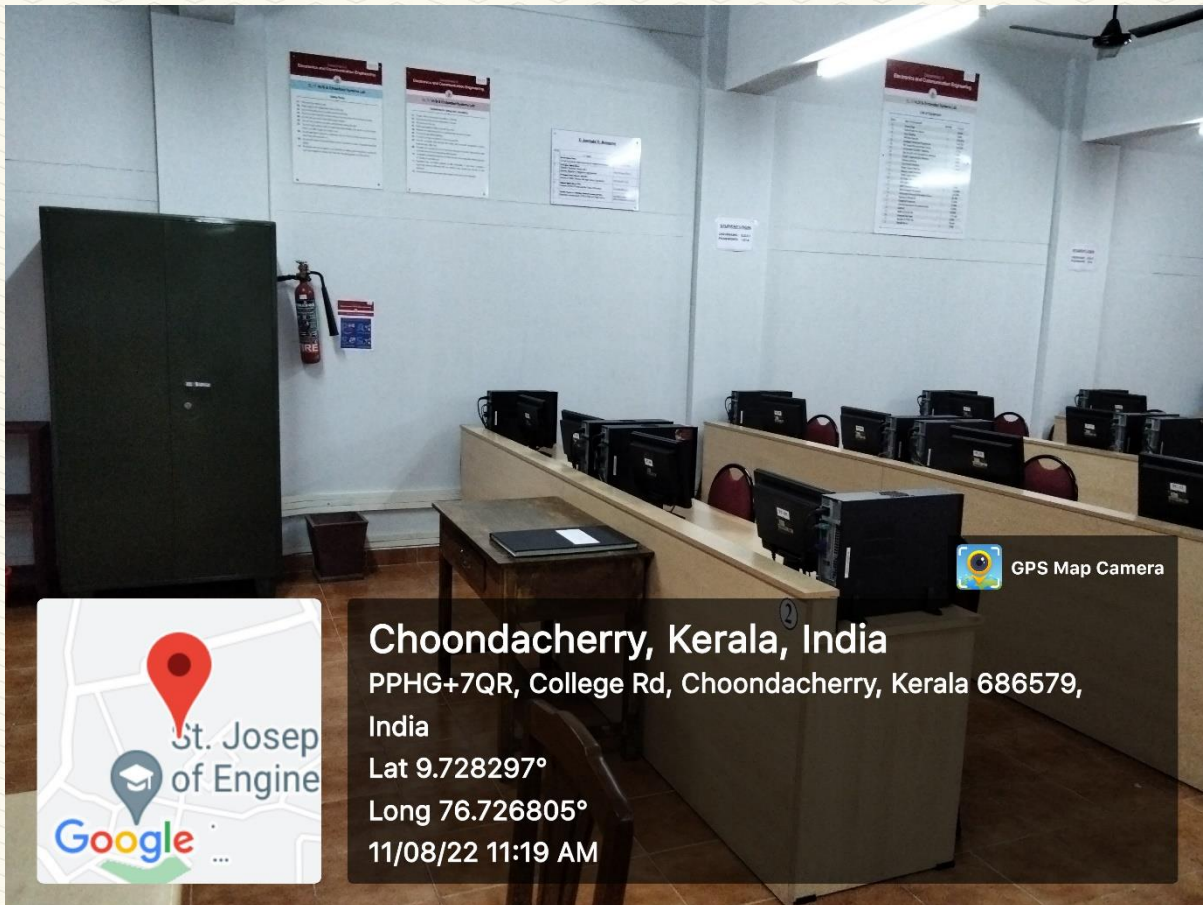


Figure 4: VLSI Lab (Room No. 13) Geotagged Photo 4



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Department	Electronics and Communication Engineering
Name of the LAB/ Amenity	R & D Lab
Location	St. Peters Block, Second Floor
Total floor Area	123.95 m ²
Number of cabins	1
Additional facility in the described area	Wi-Fi, LAN, Computing Facility, AC, 8 Tube Lights, 6 Fans

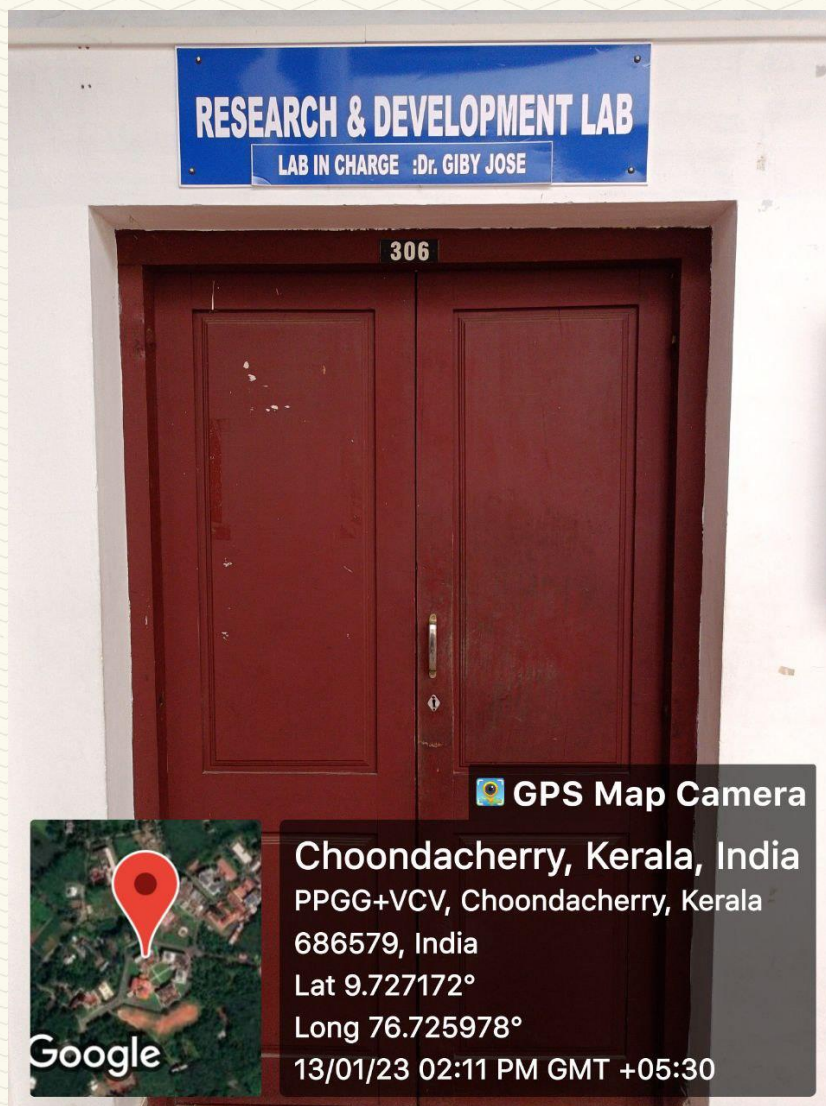


Figure 1: R & D Lab Geotagged Photo 1



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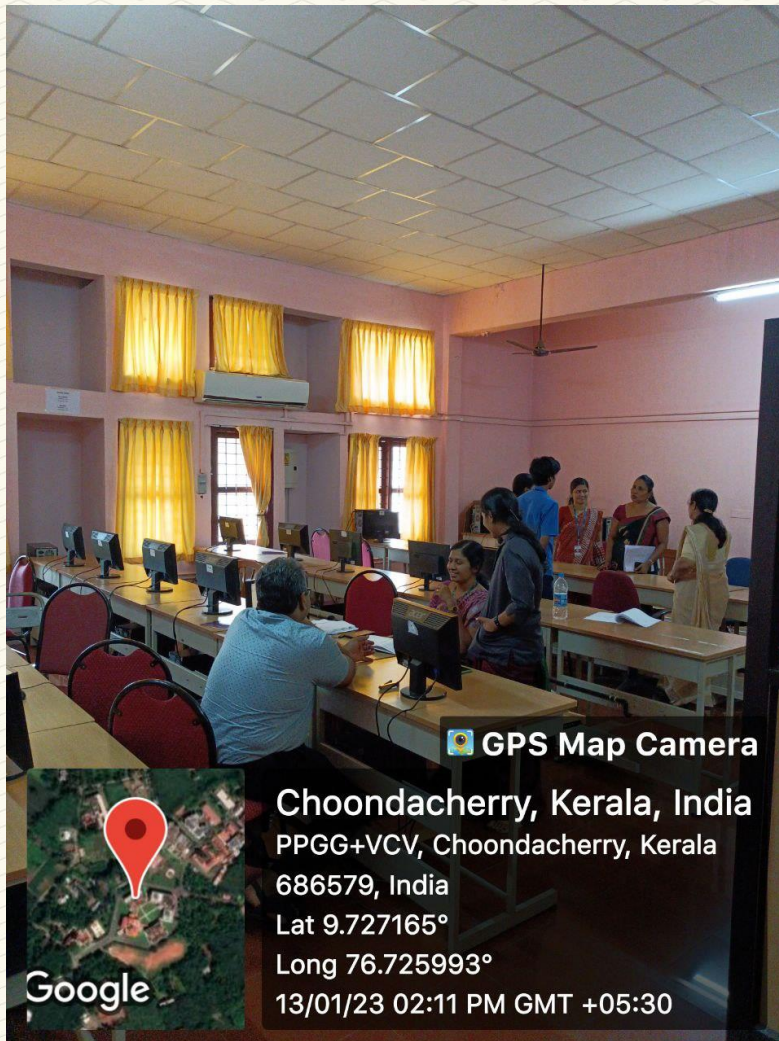


Figure 2: R & D Lab Geotagged Photo 2



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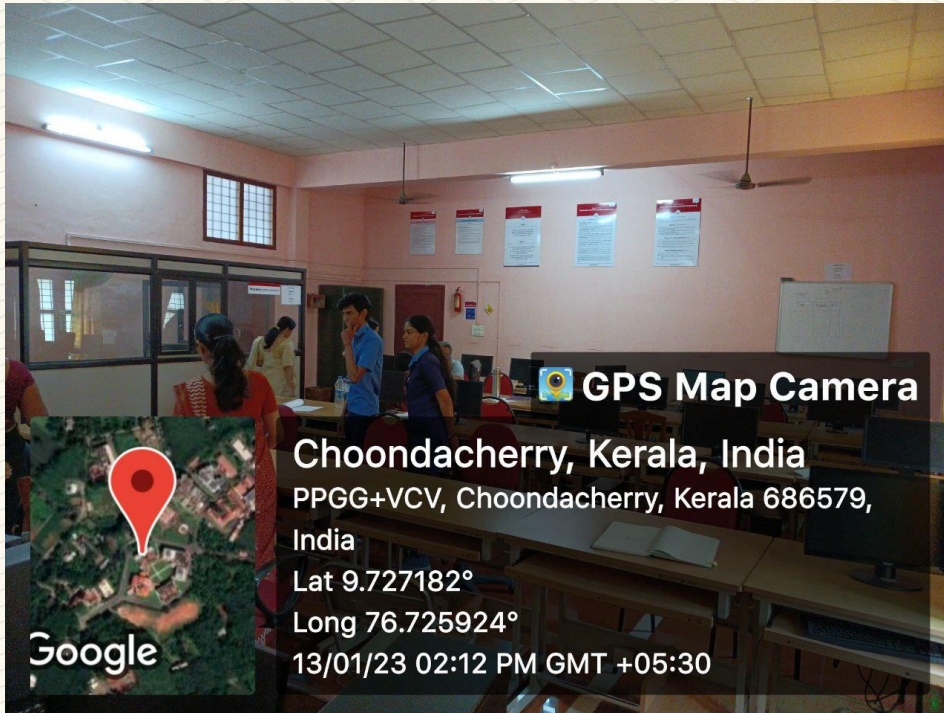


Figure 3: R & D Lab Geotagged Photo 3



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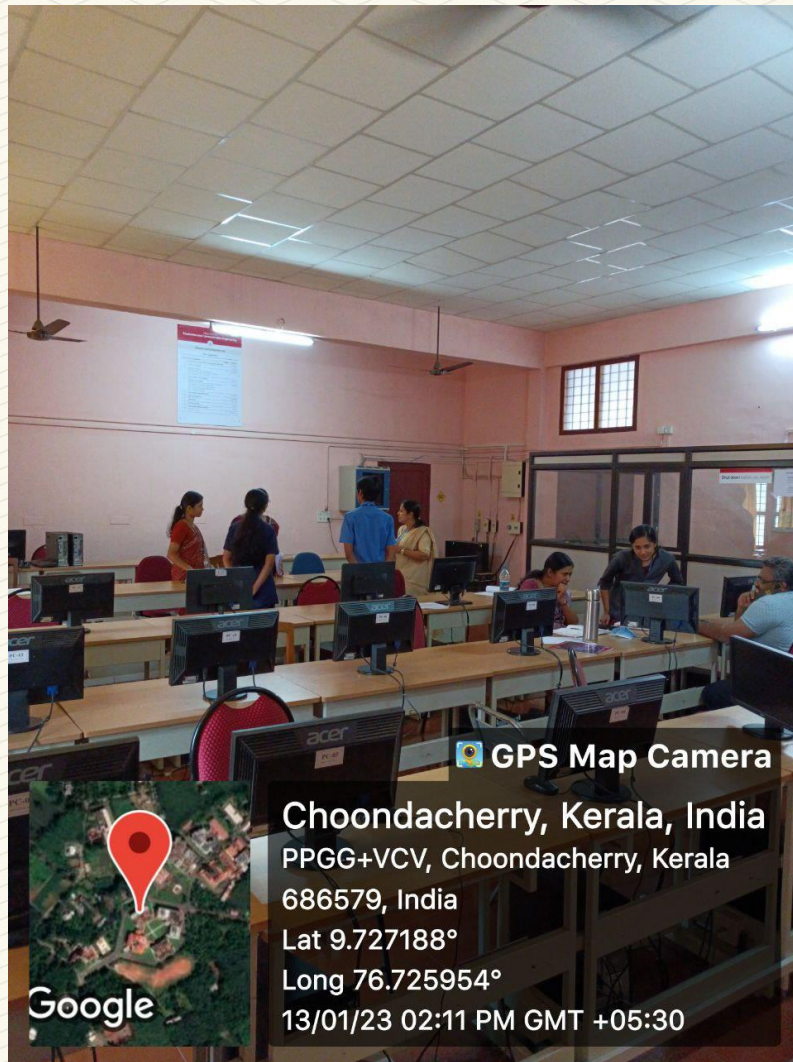


Figure 4: R & D Lab Geotagged Photo 4



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Department	Artificial Intelligence and Data Science
Name of the LAB/ Amenity	Artificial Intelligence and Data Science Lab (Room No. 12)
Location	ECE Lab Block, First Floor
Total floor Area	123.95 m ² .
Additional facility in the described area	Wi-Fi, LAN, HD TV



Figure 1: Artificial Intelligence and Data Science Lab Geotagged Photo 1



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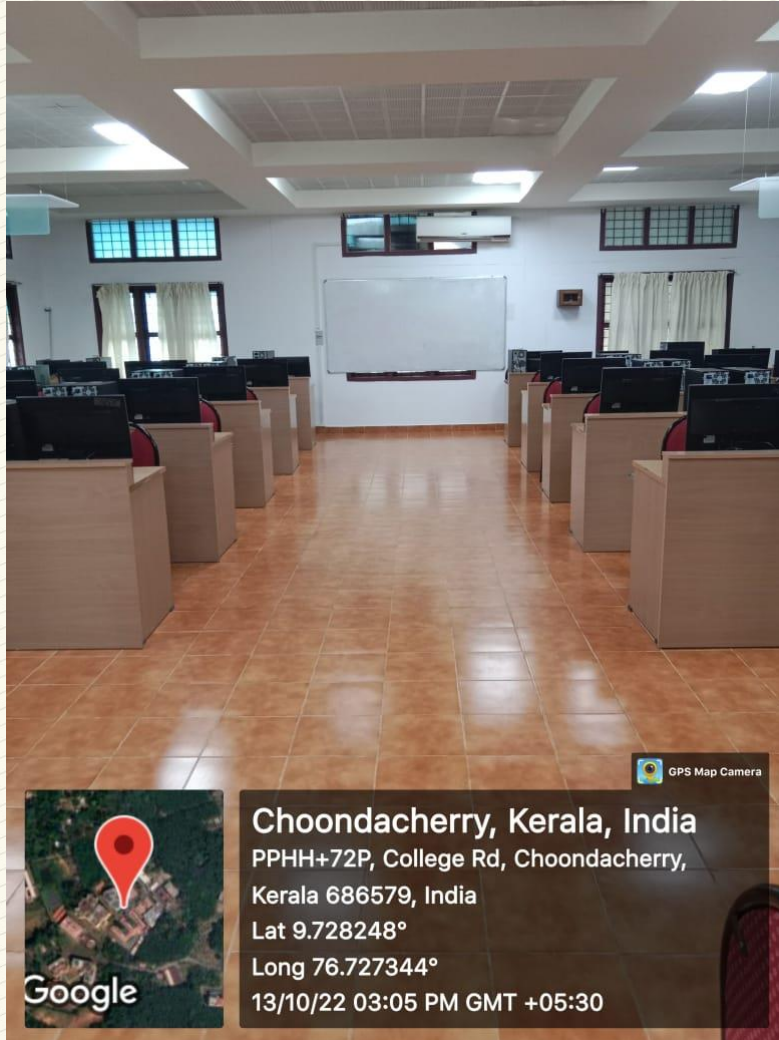


Figure 2: Artificial Intelligence and Data Science Lab Geotagged Photo 2



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Figure 3: Artificial Intelligence and Data Science Lab Geotagged Photo 3



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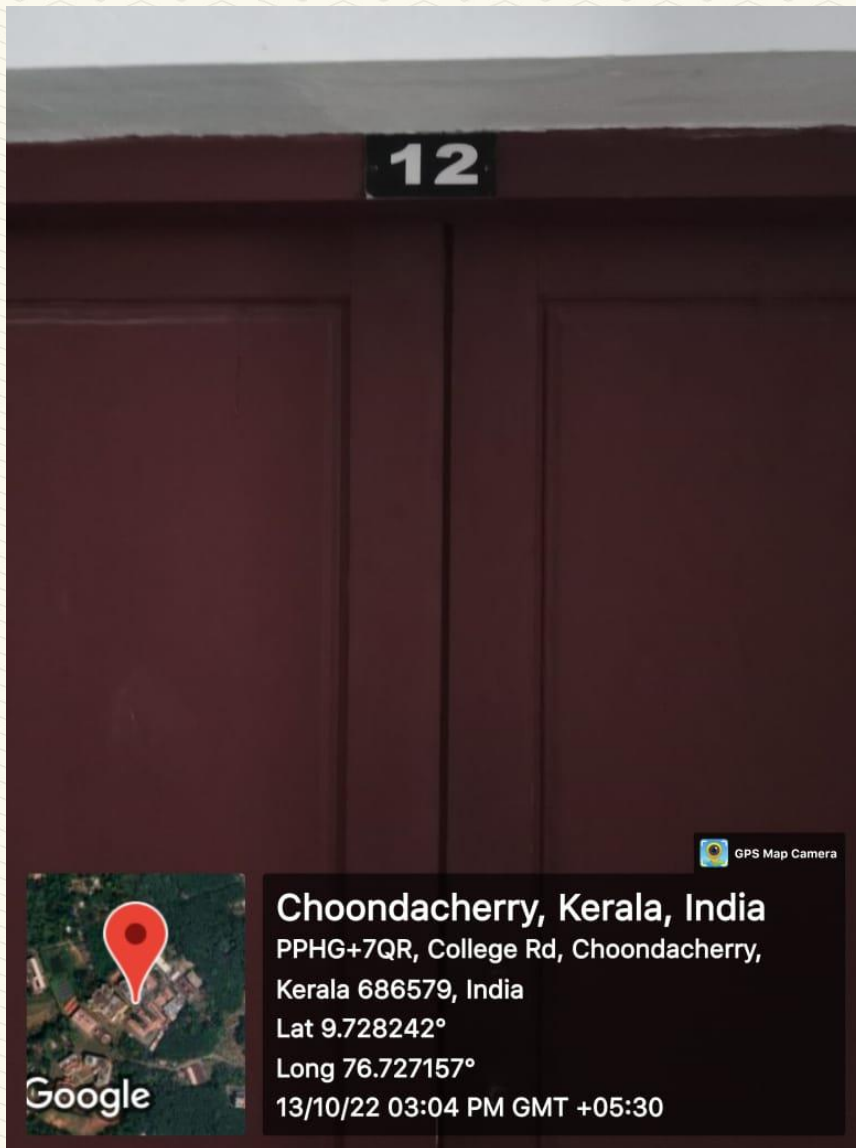


Figure 4: Artificial Intelligence and Data Science Lab Geotagged Photo 4



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Department	MBA
Name of Lab/ Amenity	Reference
Room Number	218
Location	St. Francis Block, Second Floor
Total Floor Area	90.60 m ²
Additional facility in the described area	Library, Computing facility, Reprographic area, LAN & Wi-Fi



Figure 1: Reference Room Geotagged Photo 1

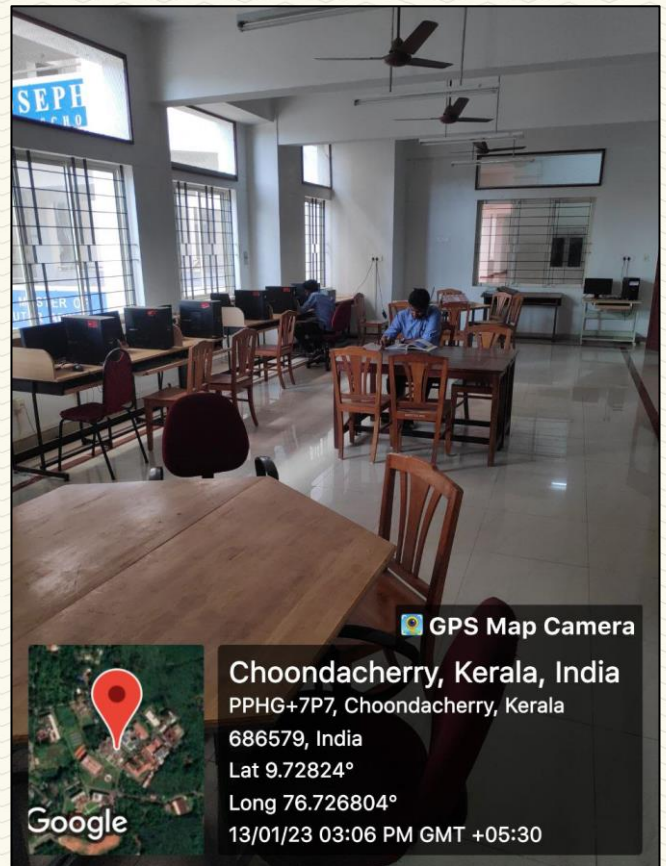


Figure 2: Reference Room Geotagged Photo 2



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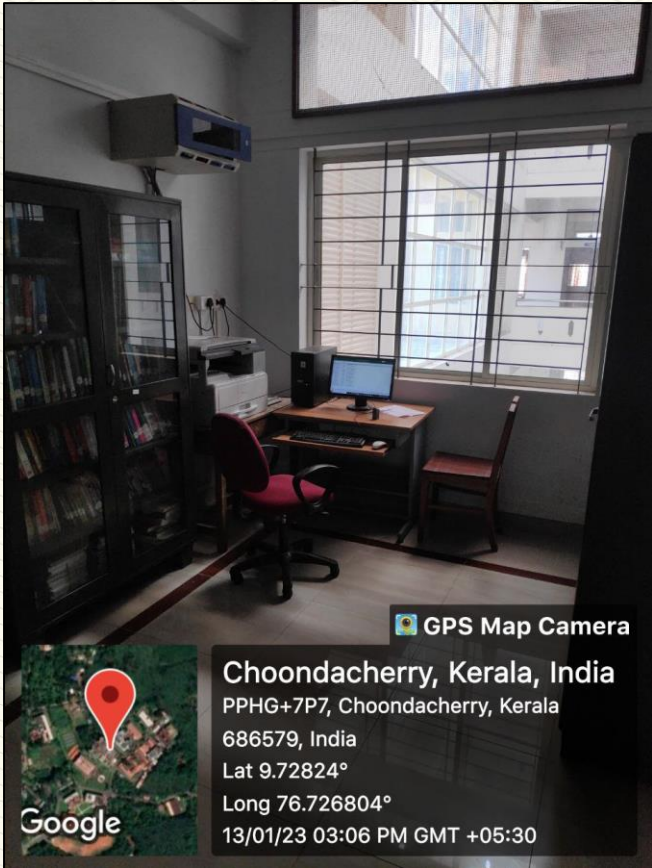


Figure 3: Reference Room Geotagged Photo 3

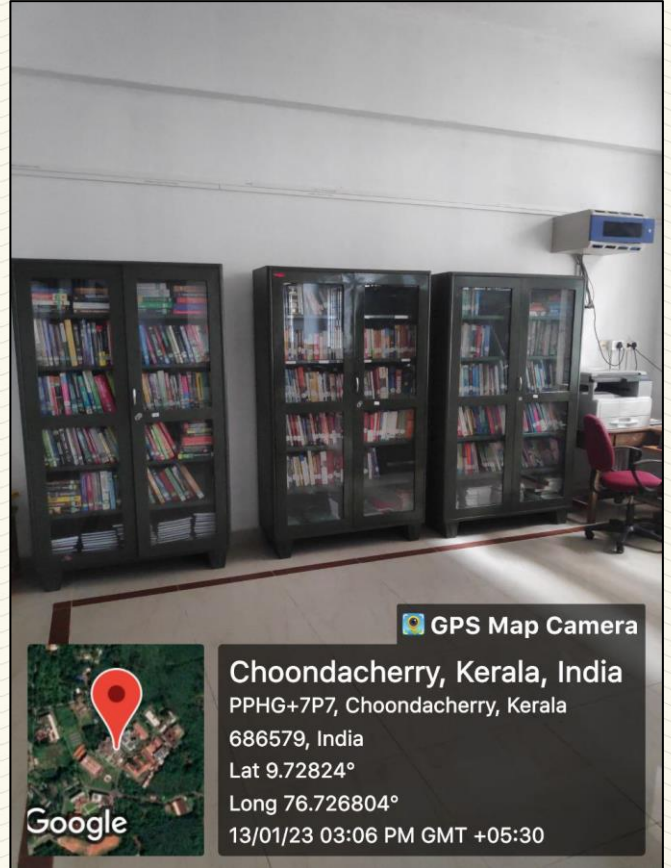


Figure 4: Reference Room Geotagged Photo 4



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Department	MCA
Name of Lab/ Amenity	MCA COMPUTER LAB
Room Number	117
Location	St. Francis Block, First Floor
Total Floor Area	126.81 m ²
Number of Computer	64
Additional facility in the described area	Wi-Fi, LAN, AC, Fire-Extinguisher, First Aid Box & Reprographic Facility



Figure 1: MCA Computer Lab Geotagged Photo 1



Figure 2: MCA Computer Lab Geotagged Photo 2



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Figure 3: MCA Computer Lab Geotagged Photo 3

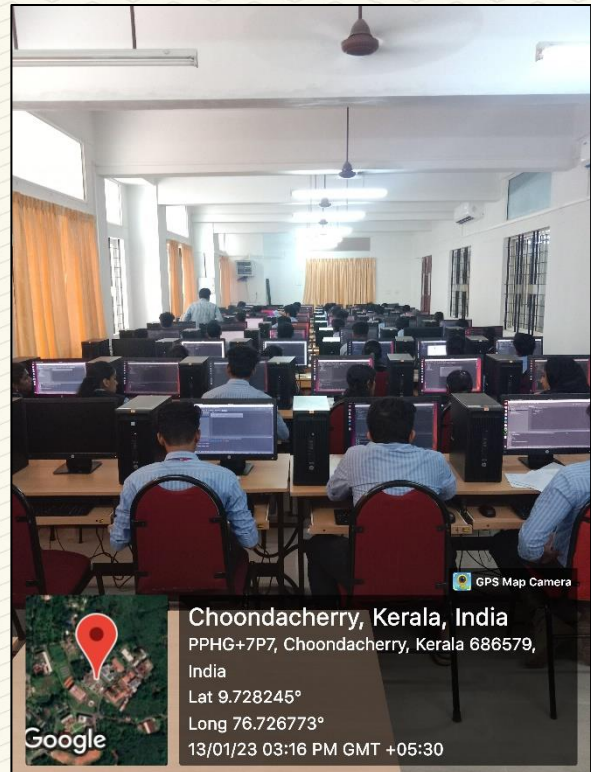


Figure 4: MCA Computer Lab Geotagged Photo 4



Figure 5: MCA Computer Lab Geotagged Photo 5



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Department	Library and Information Division
Name of the LAB/ Amenity	Digital Library
Location	Mother Teresa Block, Ground Floor
Additional facility in the described area	Wi-Fi, Computers, Tube Lights, Fans

Fig. 12 Digital Library



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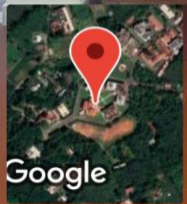
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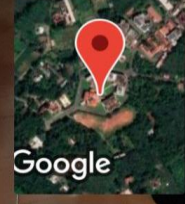
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Department	Science and Humanities
Name of the Amenity	Central Computing Facility
Location	St. Joseph's Block, Ground floor
Total floor area	168m2



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