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Laboratories of Mechanical Department

Sl No.	Room number	Name of Laboratory	Area (m ²)	Location (Block name)	Types of ICT facility	Link
1	101 A	Project (Fabrication) Lab	14	Mechanical Laboratories	Wi-Fi	Click here to View
2	101	Mechanical Workshop I	443	Mechanical Laboratories	Wi-Fi, LAN	Click here to View
3	104	Mechanical Workshop II	457	Mechanical Laboratories	Wi-Fi, LAN	Click here to View
4	105	Machine Shop	440	Mechanical Laboratories	Wi-Fi, LAN	Click here to View
5	105 A	Machine Shop – Store	14	Mechanical Laboratories	Nil	Click here to View
6	105 B	Precision Engineering Lab	90	Mechanical Laboratories	Wi-Fi, LAN	Click here to View
7	107	Hydraulics Lab	300	Mechanical Laboratories	Wi-Fi, LAN, Black Board	Click here to View
8	107 B	Hydraulics Lab - Store	14	Mechanical Laboratories	Nil	Click here to View
9	110	Thermal Lab	300	Mechanical Laboratories	Wi-Fi, LAN, Black Board	Click here to View
10	110 B	Mechanical Systems Lab	47	Mechanical Laboratories	Wi-Fi, LAN	Click here to View





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11	111	Heritage Diesel Engine	28.68	Mechanical Laboratories	Wi-Fi, LAN	Click here to View
12	20	Mechanical Measurements Lab	125	Electronics Laboratory Block, Third Floor	Wi-Fi, LAN	Click here to View
13	21	Heat Transfer Lab	124	Electronics Laboratory Block, Third Floor	Wi-Fi, LAN, White board	Click here to View
14	B1	Model Room	120	Electronics Laboratory Block, Base Floor	Wi-Fi, LAN	Click here to View
15	B2	Hydraulic Lab Annex	120	Electronics Laboratory Block, Base Floor	Wi-Fi, LAN	Click here to View
16	B3	Project Lab	120	Electronics Laboratory Block, Base Floor	Wi-Fi, LAN	Click here to View
17	5	Research Lab	86	Newton Block, Ground Floor	Wi-Fi, LAN	Click here to View
18	8	Industrial Engineering & Computational Lab	18.2	Newton Block, Ground Floor	Wi-Fi, LAN	Click here to View
19	303	CAD Lab	56	St. John Paul Block	Wi-Fi, LCD Projector	Click here to View





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Department	Mechanical Engineering
Name of Laboratory	Project (Fabrication) Lab (Room No. MLB 101 A)
Location	Mechanical Laboratories
Total Floor Area (m ²)	14
Additional Facilities in the Area	Wi-Fi, Pyrolysis Chamber (Funded Project)

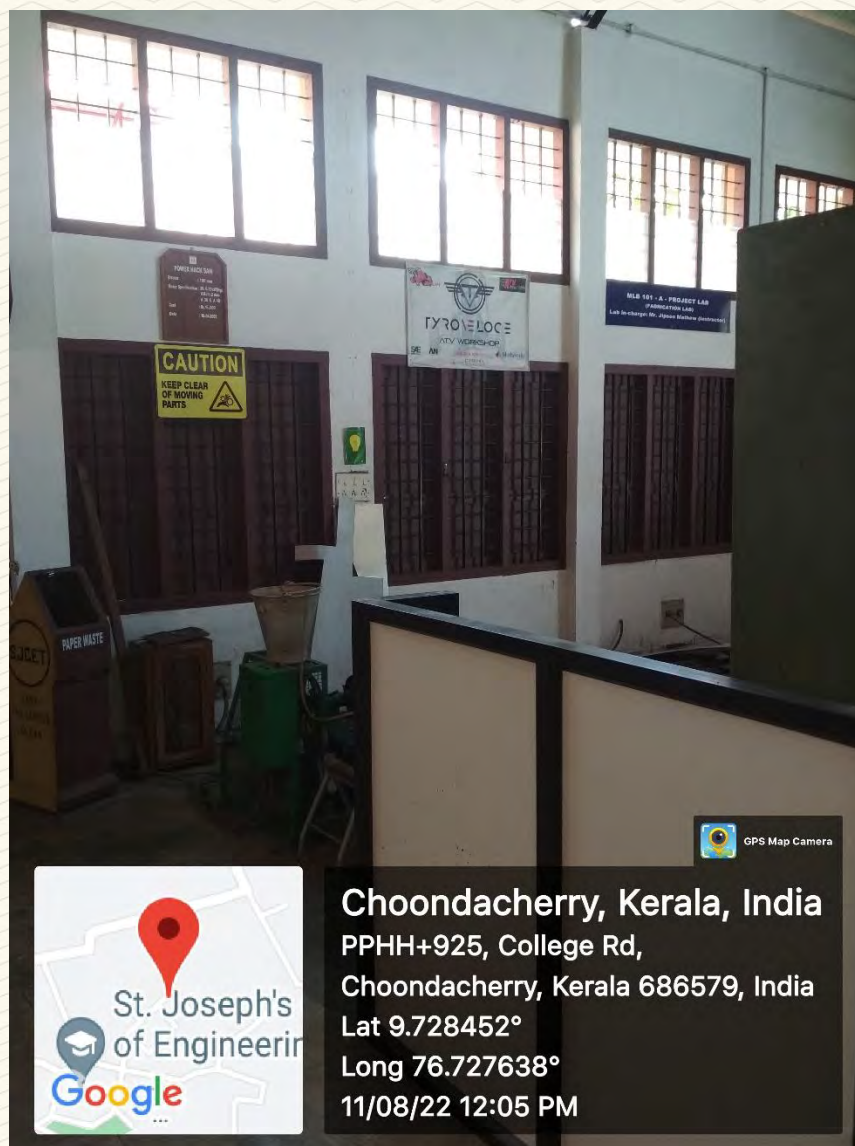


Figure 1: Project (Fabrication) Lab



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Department	Mechanical Engineering
Name of Laboratory	Mechanical Workshop I (Room No. MLB 101)
Location	Mechanical Laboratories
Total Floor Area (m ²)	443
Additional Facilities in the Area	Wi-Fi, LAN, Store room, Project (Fabrication) room

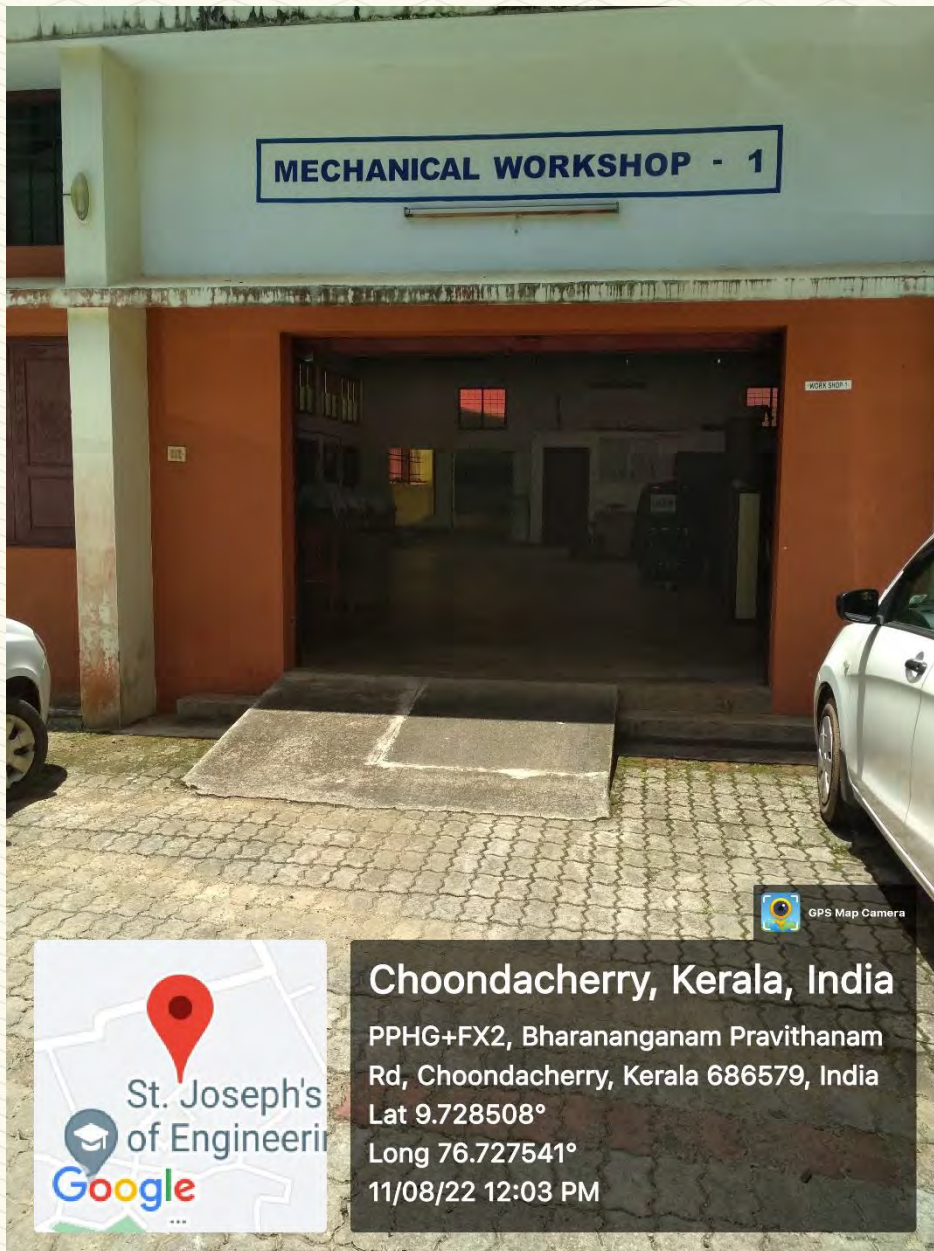


Figure 2: Mechanical Workshop I



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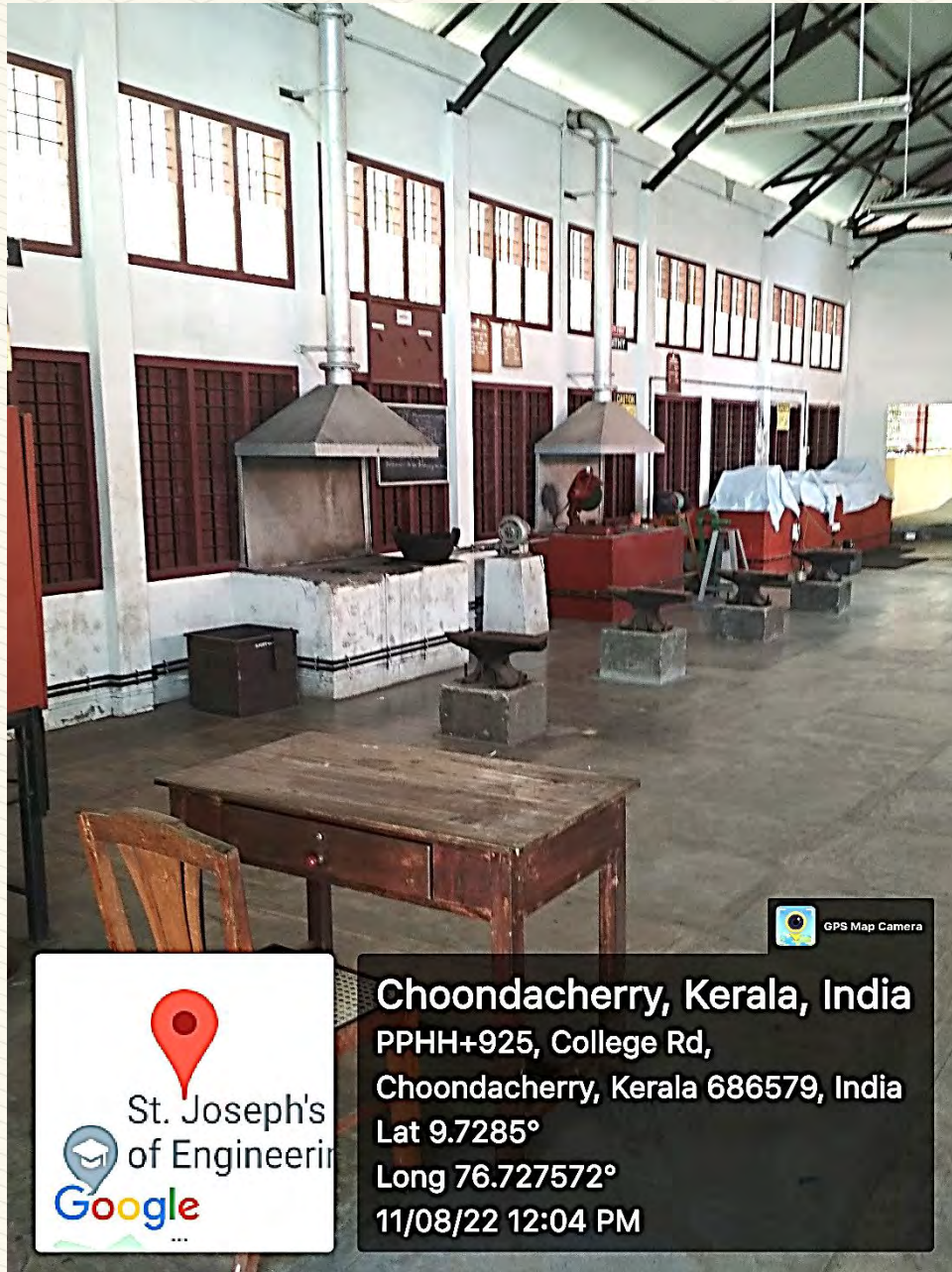
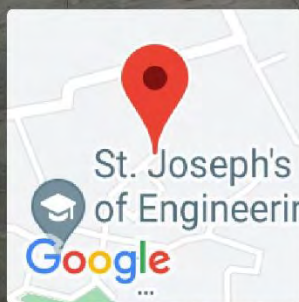
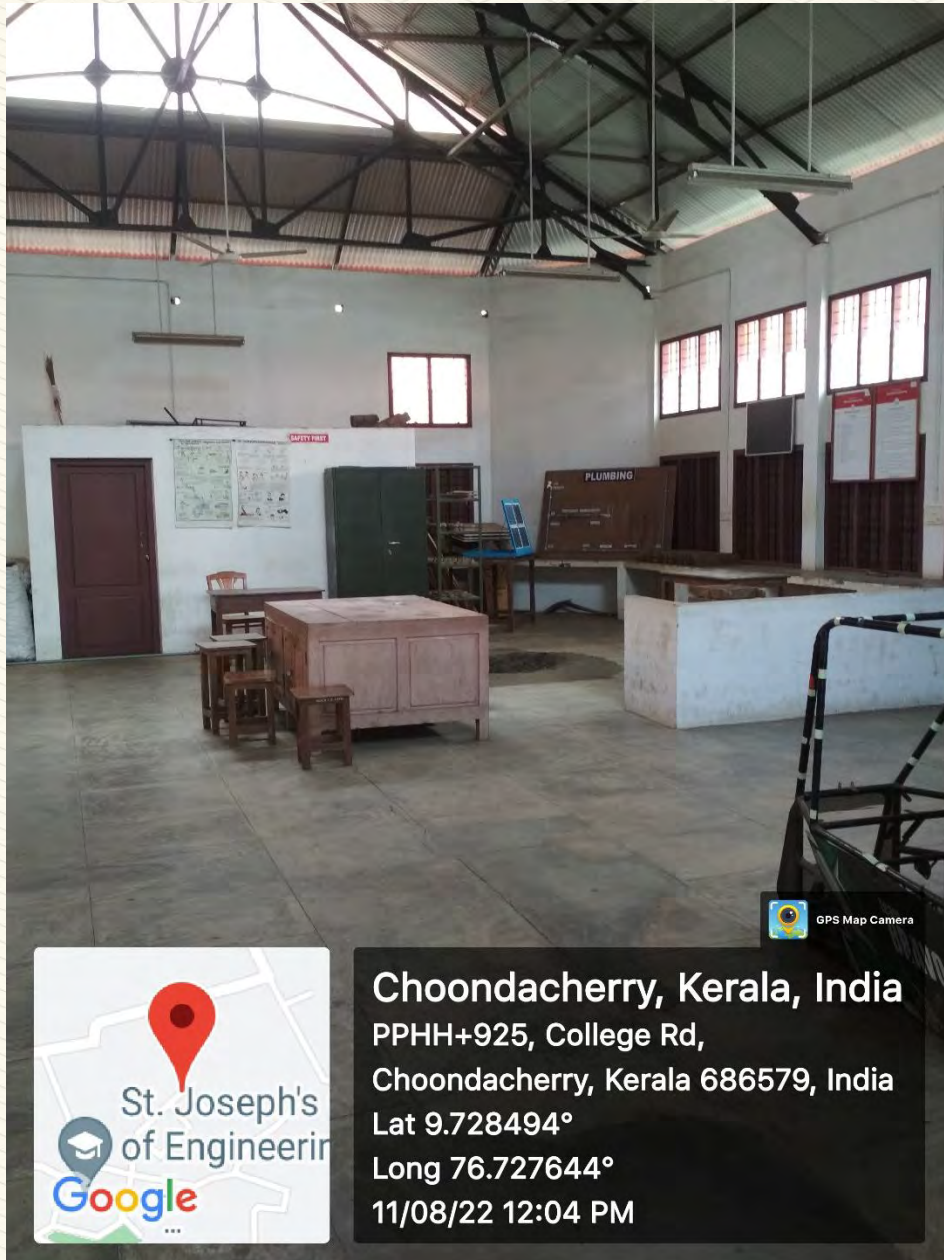


Figure 3: Mechanical Workshop I



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Choondacherry, Kerala, India
PPHH+925, College Rd,
Choondacherry, Kerala 686579, India
Lat 9.728494°
Long 76.727644°
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Figure 4: Mechanical Workshop I



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Department	Mechanical Engineering
Name of Laboratory	Mechanical Workshop II (Room No.MLB 104)
Location	Mechanical Laboratories
Total Floor Area (m ²)	457
Additional Facilities in the Area	Wi-Fi, LAN, Staffroom, Section for Electrical Workshop

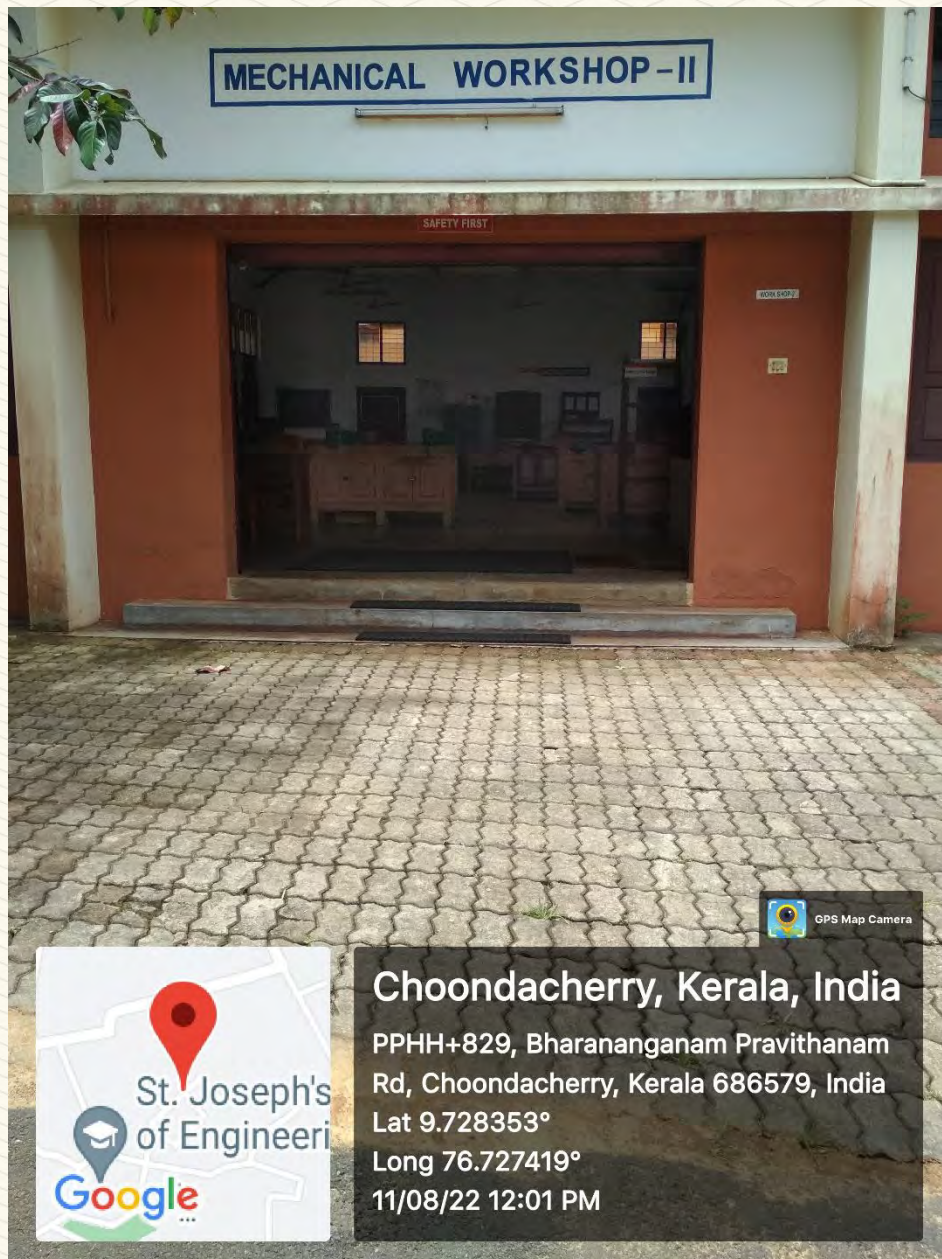


Figure 5: Mechanical Workshop II



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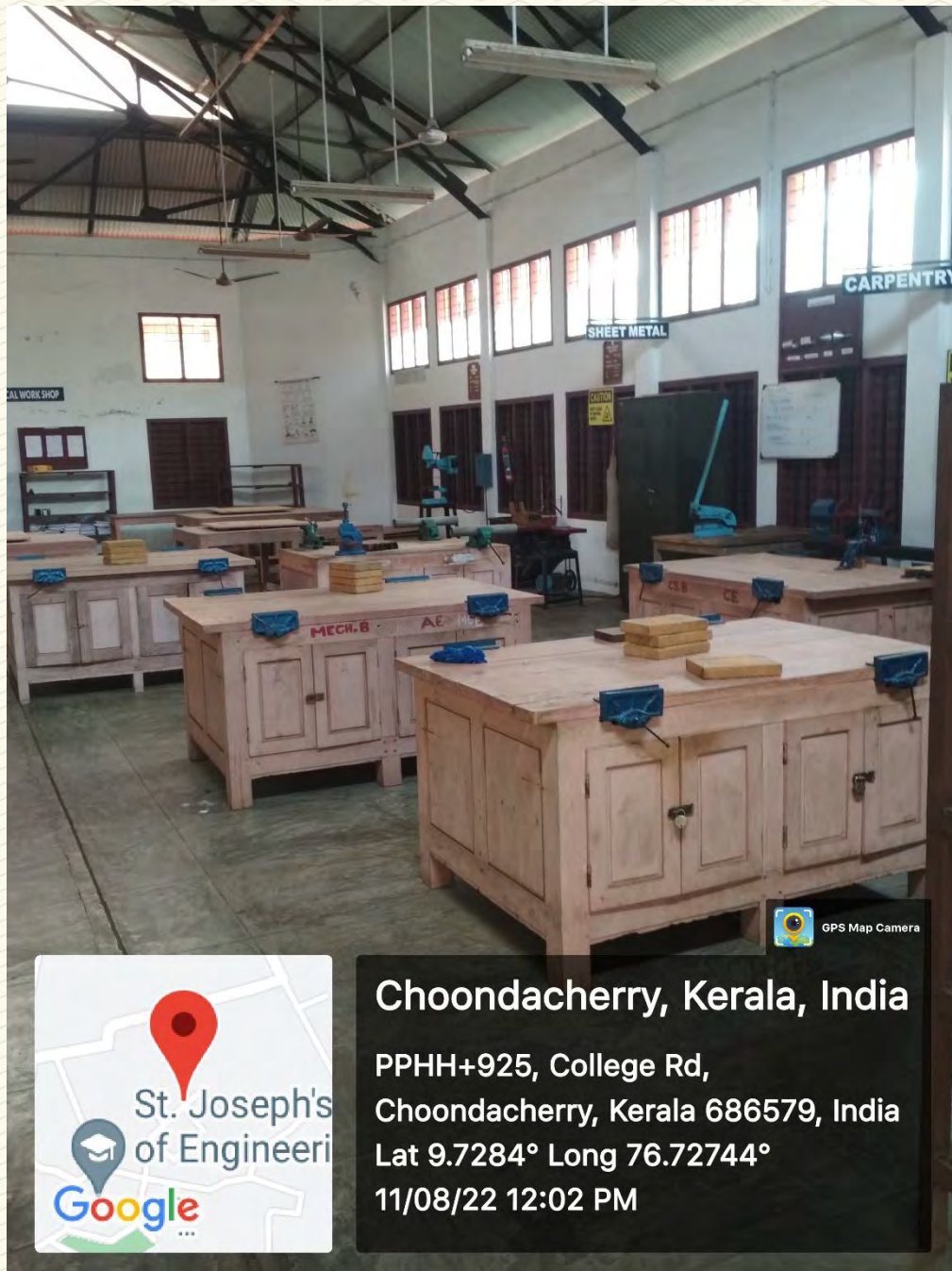
Choondacherry, Kerala, India
PPHH+925, College Rd,
Choondacherry, Kerala 686579, India
Lat 9.728354°
Long 76.727482°
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Figure 6: Mechanical Workshop II



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Choondacherry, Kerala, India

PPHH+925, College Rd,
Choondacherry, Kerala 686579, India

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Figure 7: Mechanical Workshop II





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Department	Mechanical Engineering
Name of Laboratory	Machine Shop (Room No. MLB105)
Location	Mechanical Laboratories
Total Floor Area (m ²)	440
Additional Facilities in the Area	Wi-Fi, LAN, Computer, Staffroom, Store Room

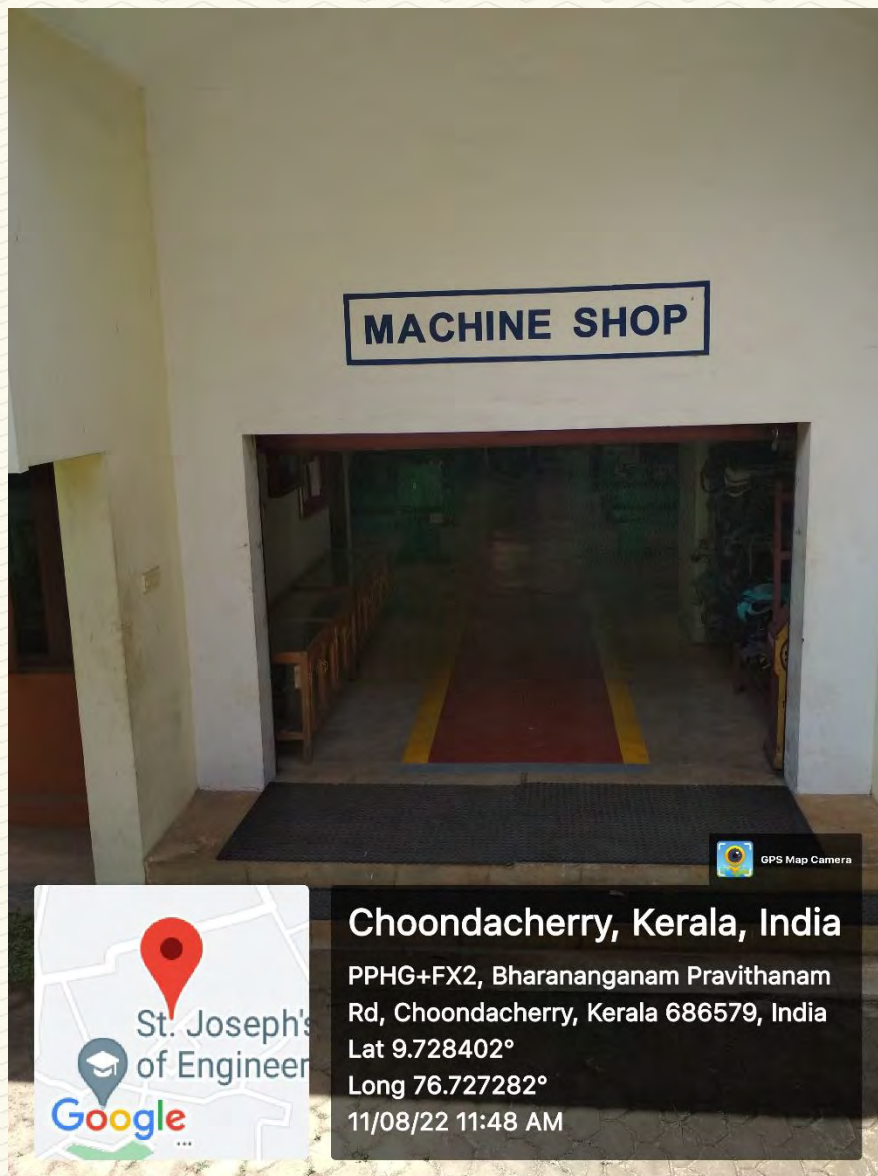
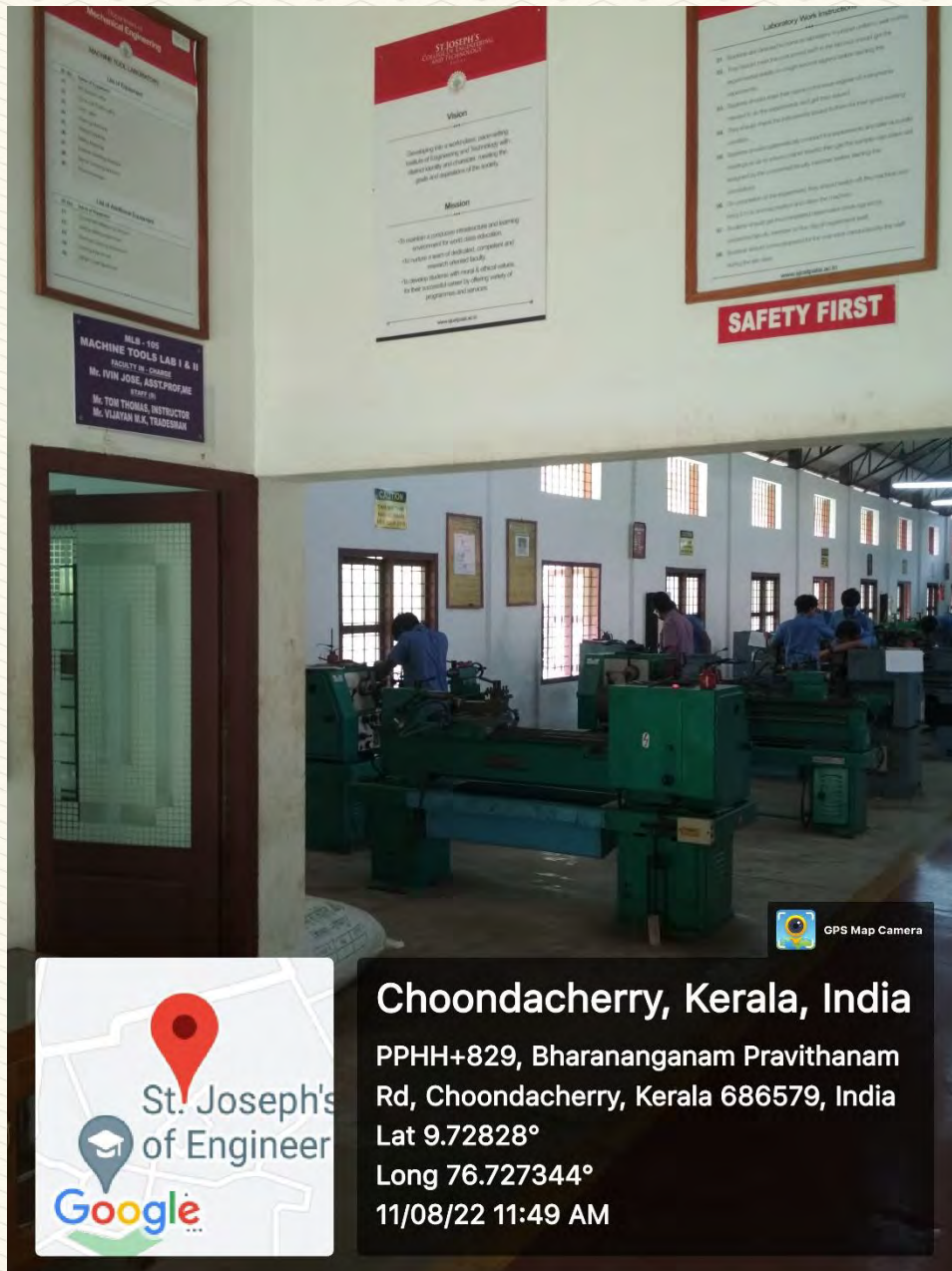


Figure 8: Machine Shop



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Figure 9: Machine Shop



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Figure 10: Machine Shop



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Department	Mechanical Engineering
Name of Laboratory	Machine Shop – Store (Room No. MLB105 A)
Location	Mechanical Laboratories
Total Floor Area (m ²)	14

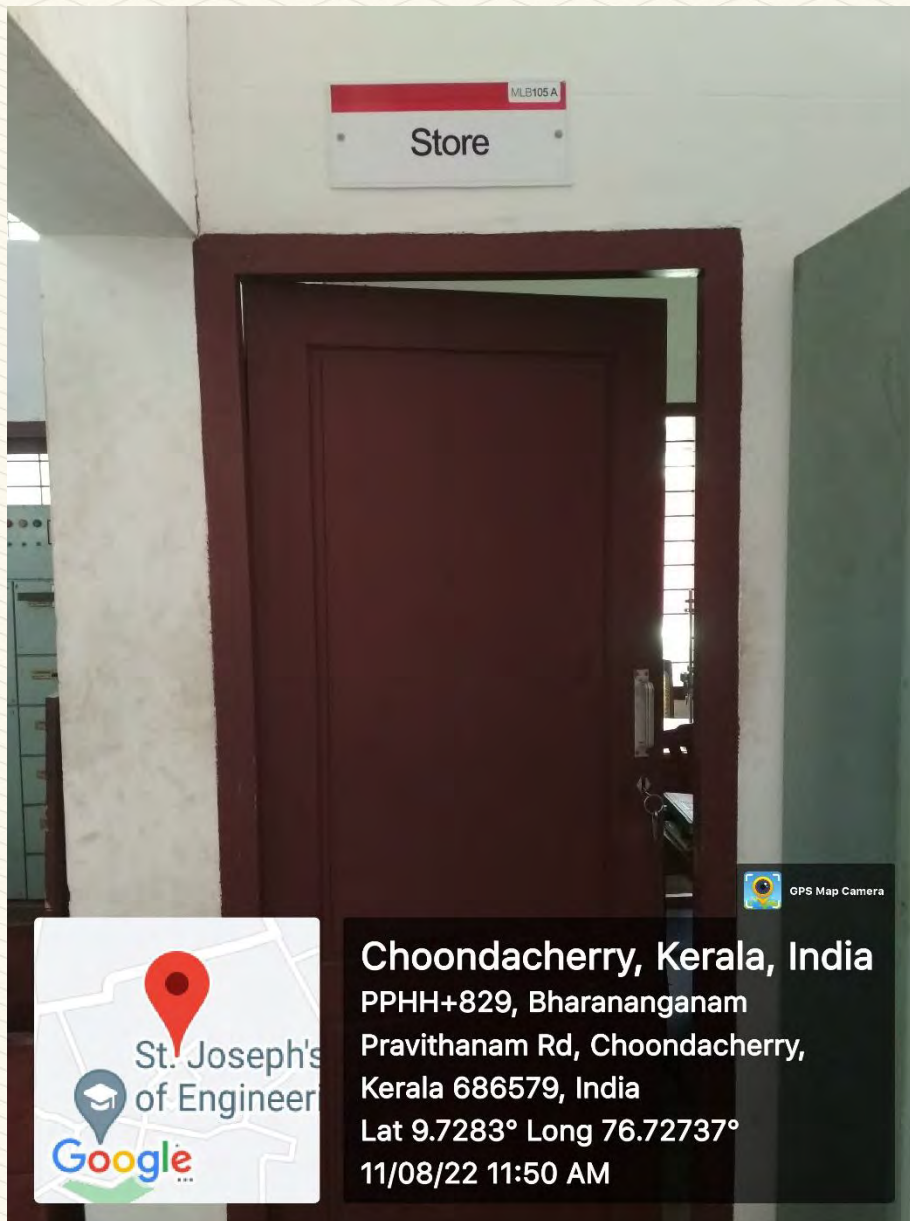


Figure11: Machine Shop -Store



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Figure 12: Machine Shop -Store





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Department	Mechanical Engineering
Name of Laboratory	Precision Engineering Lab (Room No. MLB105 B)
Location	Mechanical Laboratories
Total Floor Area (m ²)	90
Additional Facilities in the Area	Wi-Fi, LAN, Training room for CNC machine, Cabin for CMM

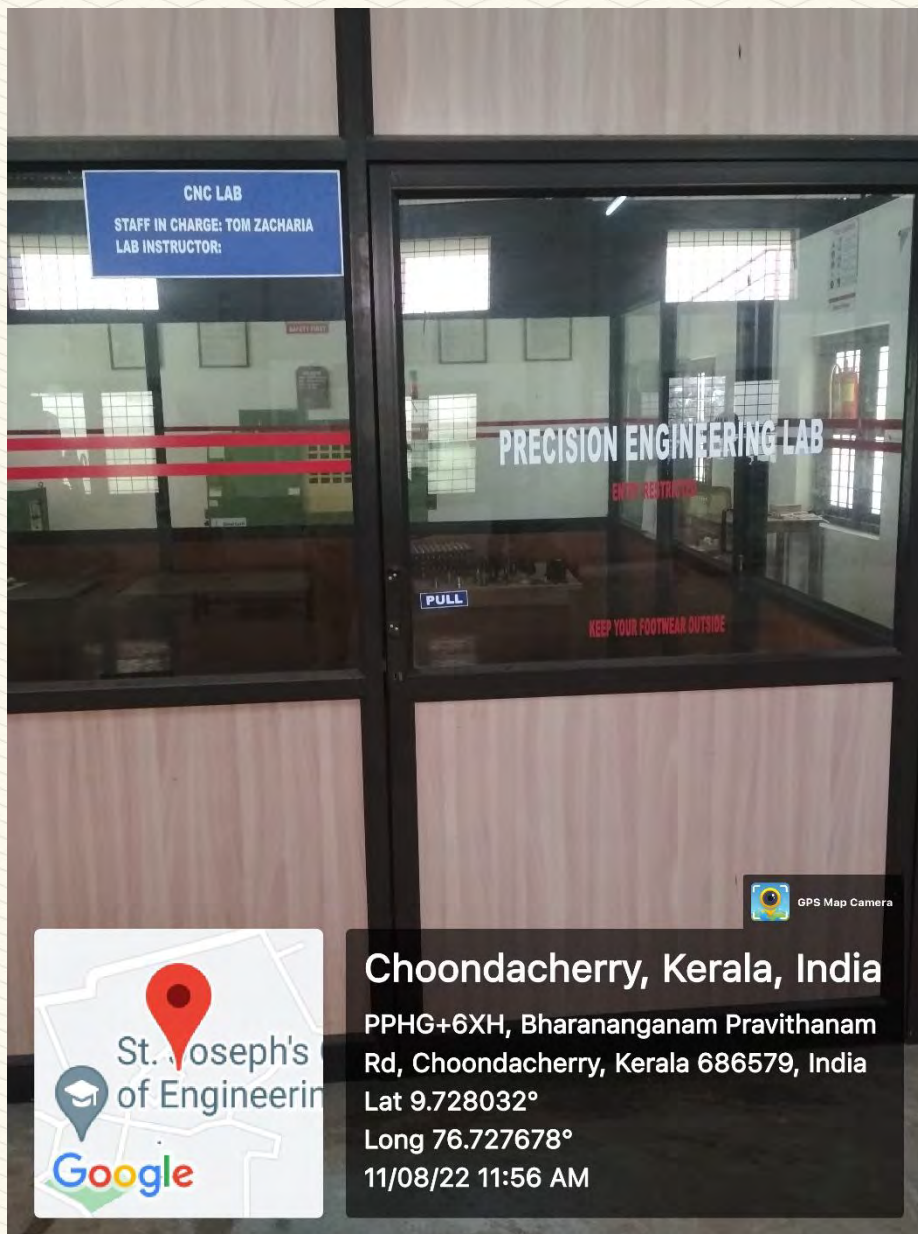


Figure 13: Precision Engineering Lab



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Figure 14: Precision Engineering Lab



Figure 15: Precision Engineering Lab



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Department	Mechanical Engineering
Name of Laboratory	Hydraulics Lab (Room No. MLB107)
Location	Mechanical Laboratories
Total Floor Area (m ²)	300
Additional Facilities in the Area	Wi-Fi, LAN, Computer, Staffroom, Store Room



Figure 16: Hydraulics Lab



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Figure 17: Hydraulics Lab





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Figure 18: Hydraulics Lab



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Department	Mechanical Engineering
Name of Laboratory	Hydraulics Lab - Store (Room No. MLB107 B)
Location	Mechanical Laboratories
Total Floor Area (m ²)	14
Additional Facilities in the Area	Wi-Fi, Washbasin

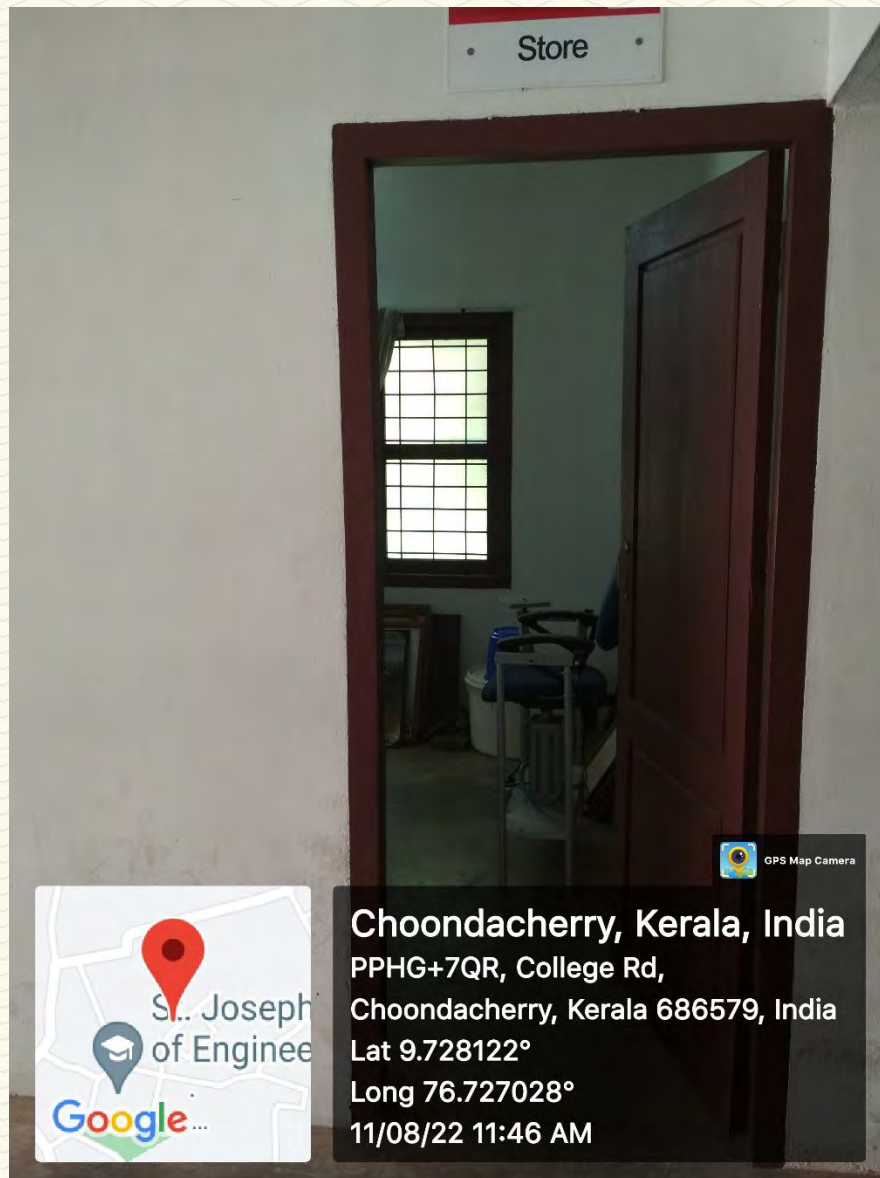


Figure 19: Hydraulics Lab-Store



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Figure 20: Hydraulics Lab-Store



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Department	Mechanical Engineering
Name of Laboratory	Thermal Lab (Room No. MLB110)
Location	Mechanical Laboratories
Total Floor Area (m ²)	300
Additional Facilities in the Area	Wi-Fi, LAN, Computer, Staffroom, Store Room

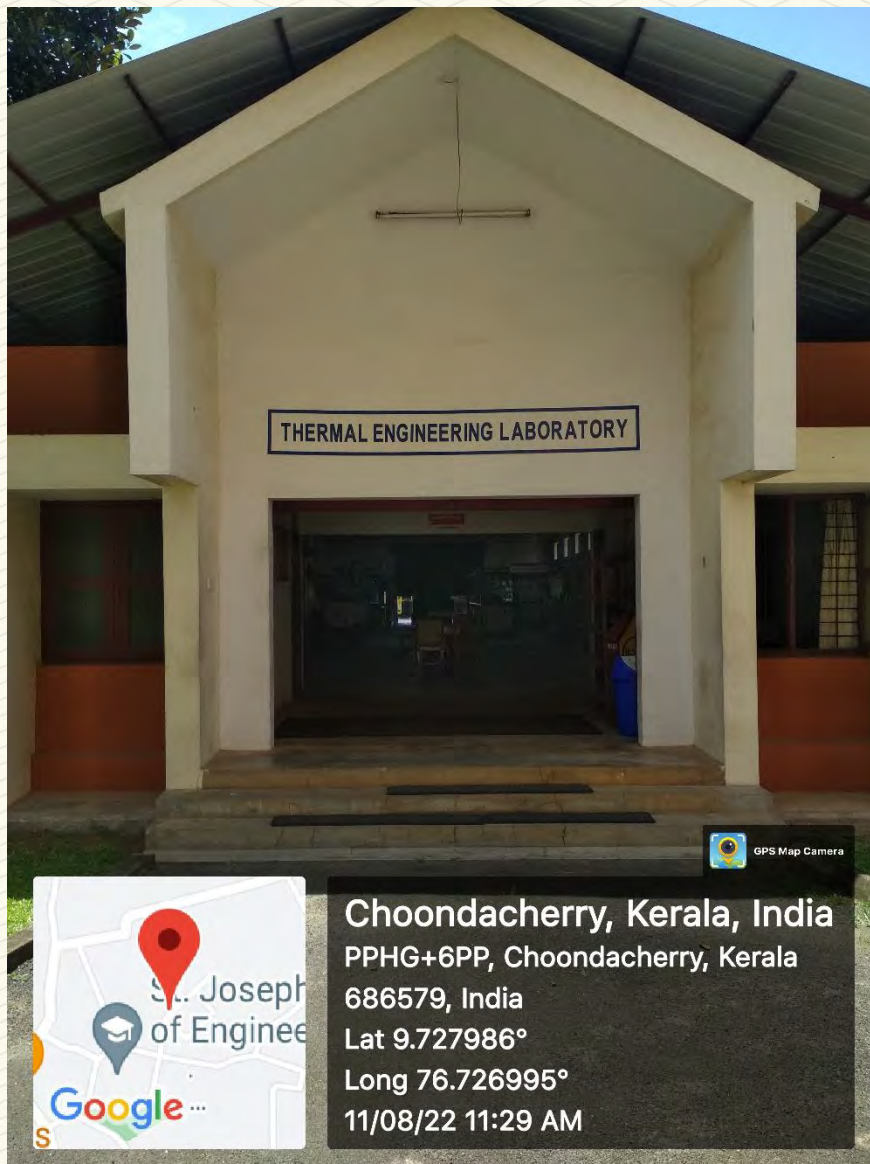


Figure 21: Thermal Lab



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Figure 22: Thermal Lab



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Department	Mechanical Engineering
Name of Laboratory	Mechanical Systems Lab (Room No. MLB110 B)
Location	Mechanical Laboratories
Total Floor Area (m²)	47
Additional Facilities in the Area	Wi-Fi, LAN, Store Room, Fire Extinguisher, FAB



Figure 23: Mechanical Systems Lab



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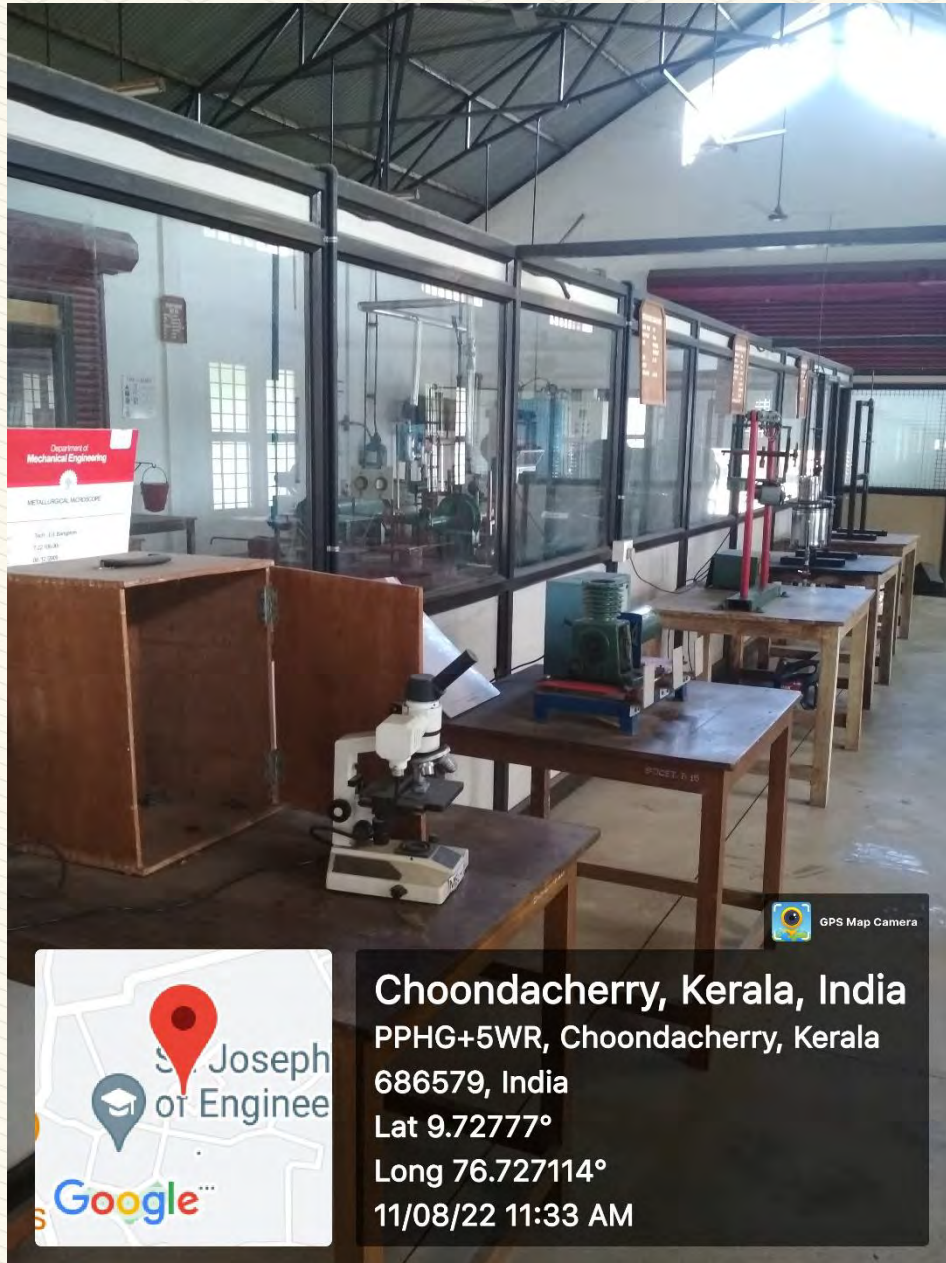
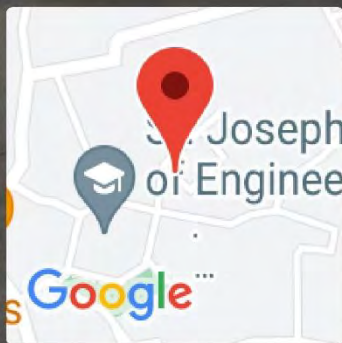


Figure 24: Mechanical Systems Lab



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686579, India
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Figure 25: Mechanical Systems Lab



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Department	Mechanical Engineering
Name of Laboratory	Heritage Diesel Engine (Room No. MLB111)
Location	Mechanical Laboratories
Total Floor Area (m ²)	28.68
Additional Facilities in the Area	Wi-Fi, Mechanical air compressor & tank, Fuel tank



Figure 26: Heritage Diesel Engine



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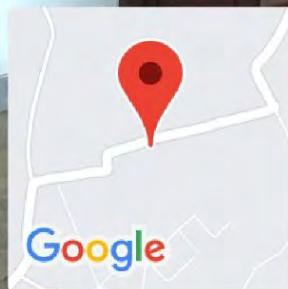
Figure 27: Heritage Diesel Engine



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Department	Mechanical Engineering
Name of Laboratory	Mechanical Measurements Lab (Room No. ELB20)
Location	Electronics Laboratory Block, Third Floor
Total Floor Area (m ²)	125
Additional Facilities in the Area	Wi-Fi, LAN



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686579, India
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Figure 28: Mechanical Measurements Lab





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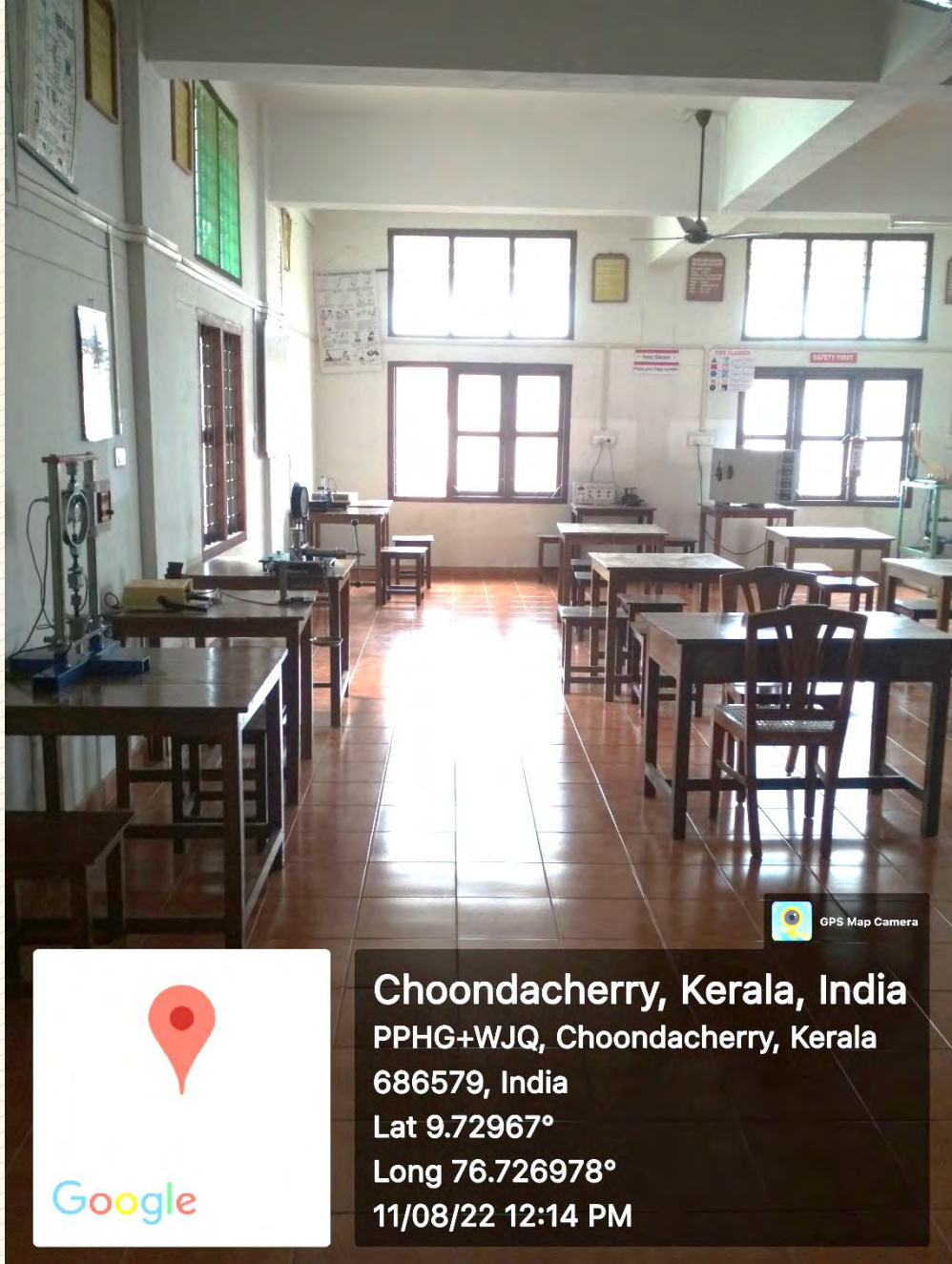


Figure 29: Mechanical Measurements Lab



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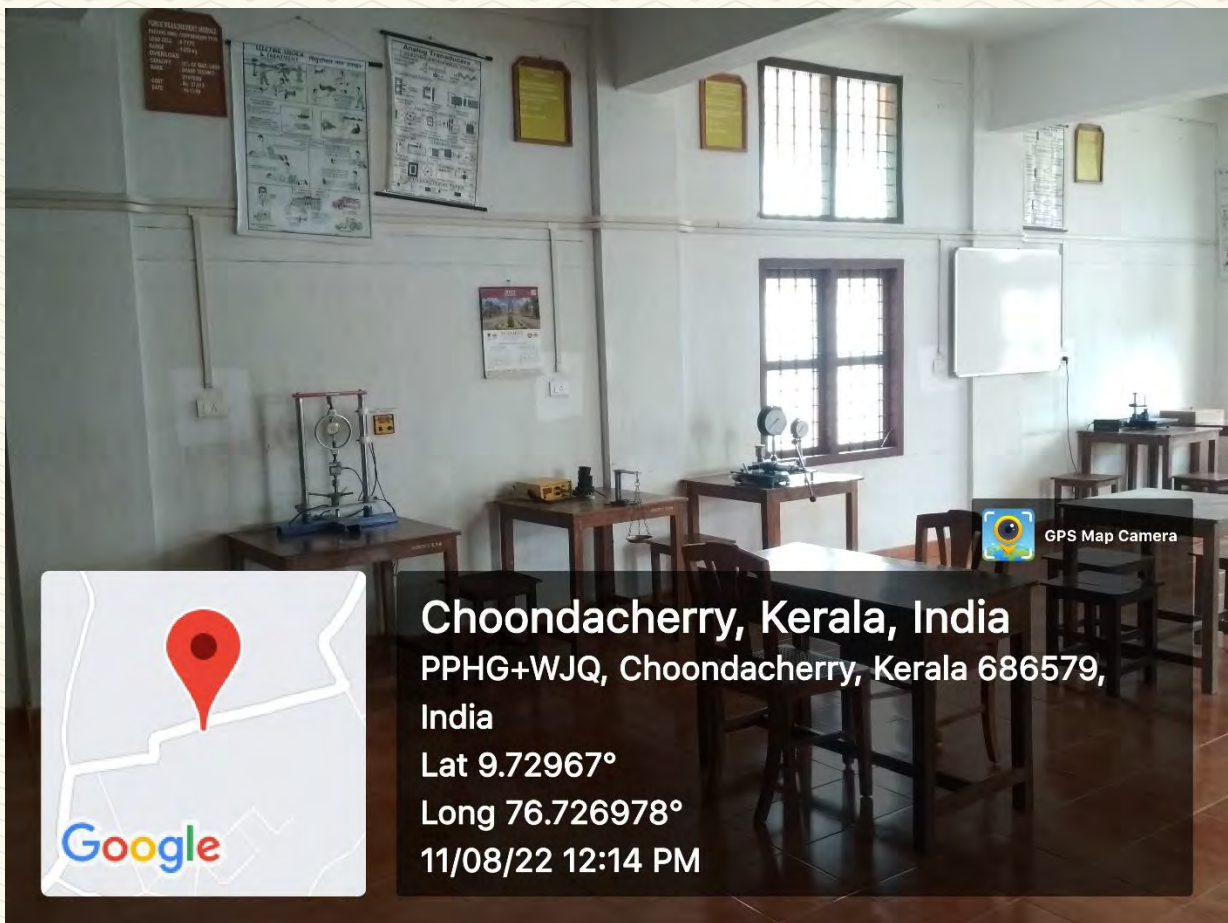


Figure 30: Mechanical Measurements Lab



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Department	Mechanical Engineering
Name of Laboratory	Heat Transfer Lab (Room No.21)
Location	Electronics Laboratory Block, Third Floor
Total Floor Area (m²)	124
Additional Facilities in the Area	Wi-Fi, LAN, White board

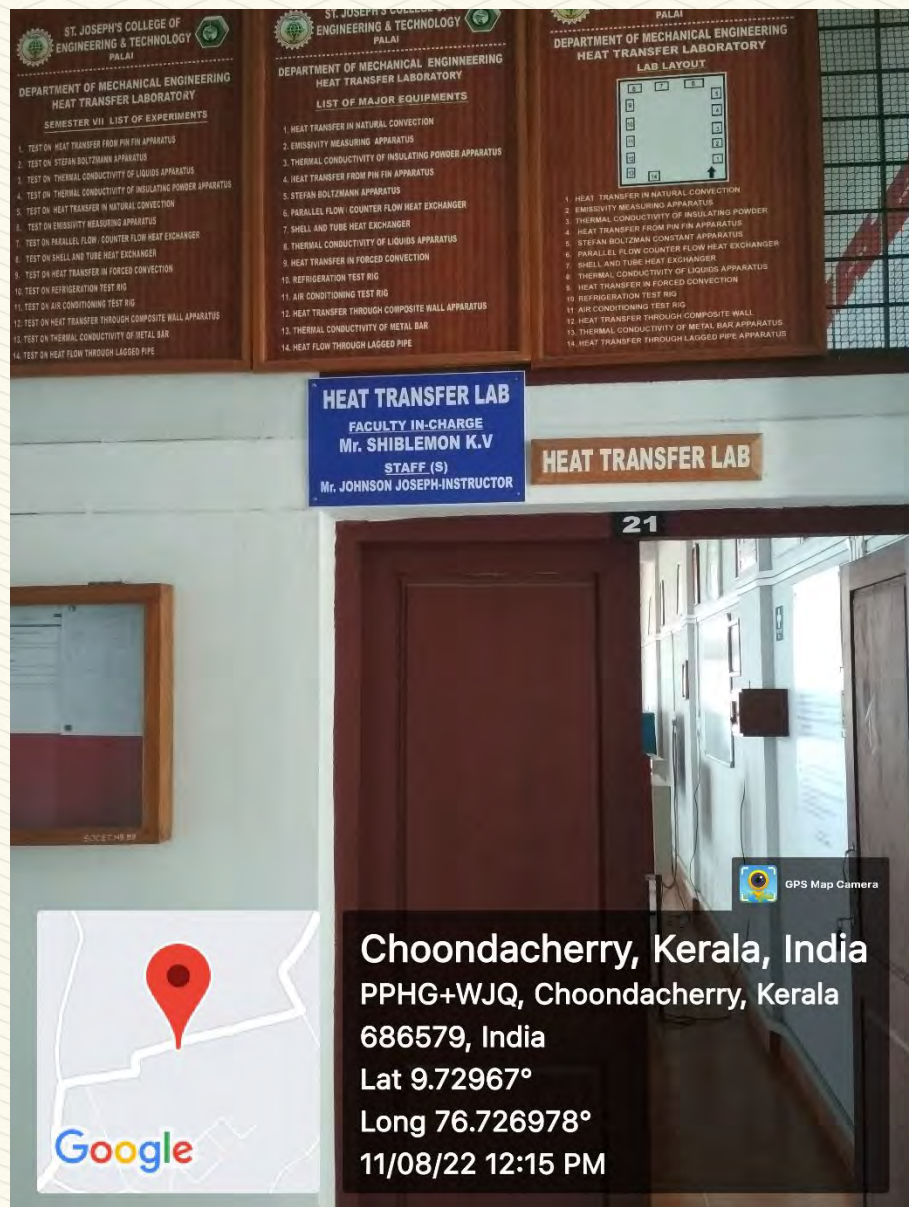
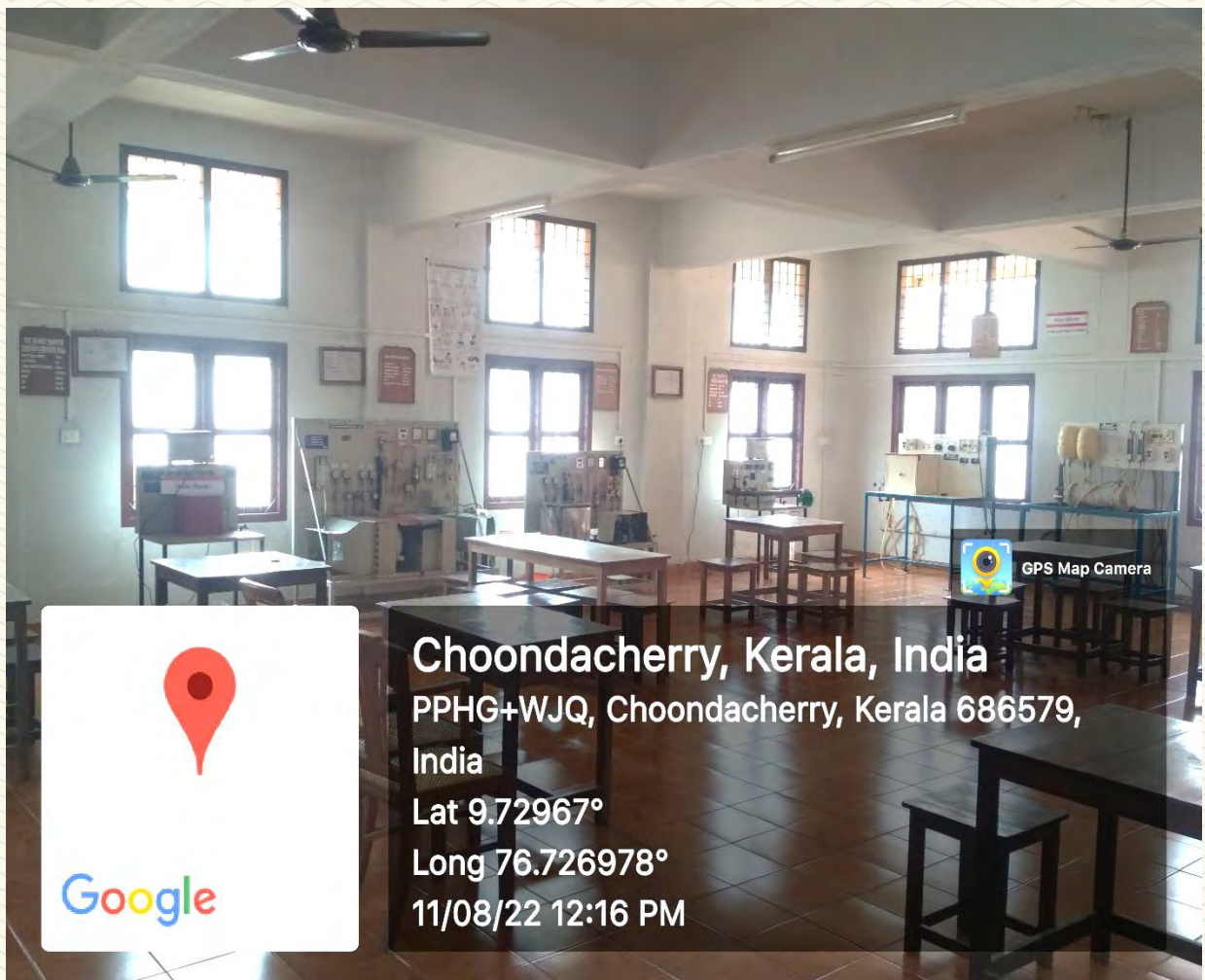


Figure 31: Heat Transfer Lab



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Choondacherry, Kerala, India
PPHG+WJQ, Choondacherry, Kerala 686579,
India
Lat 9.72967°
Long 76.726978°
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Figure 32: Heat Transfer Lab



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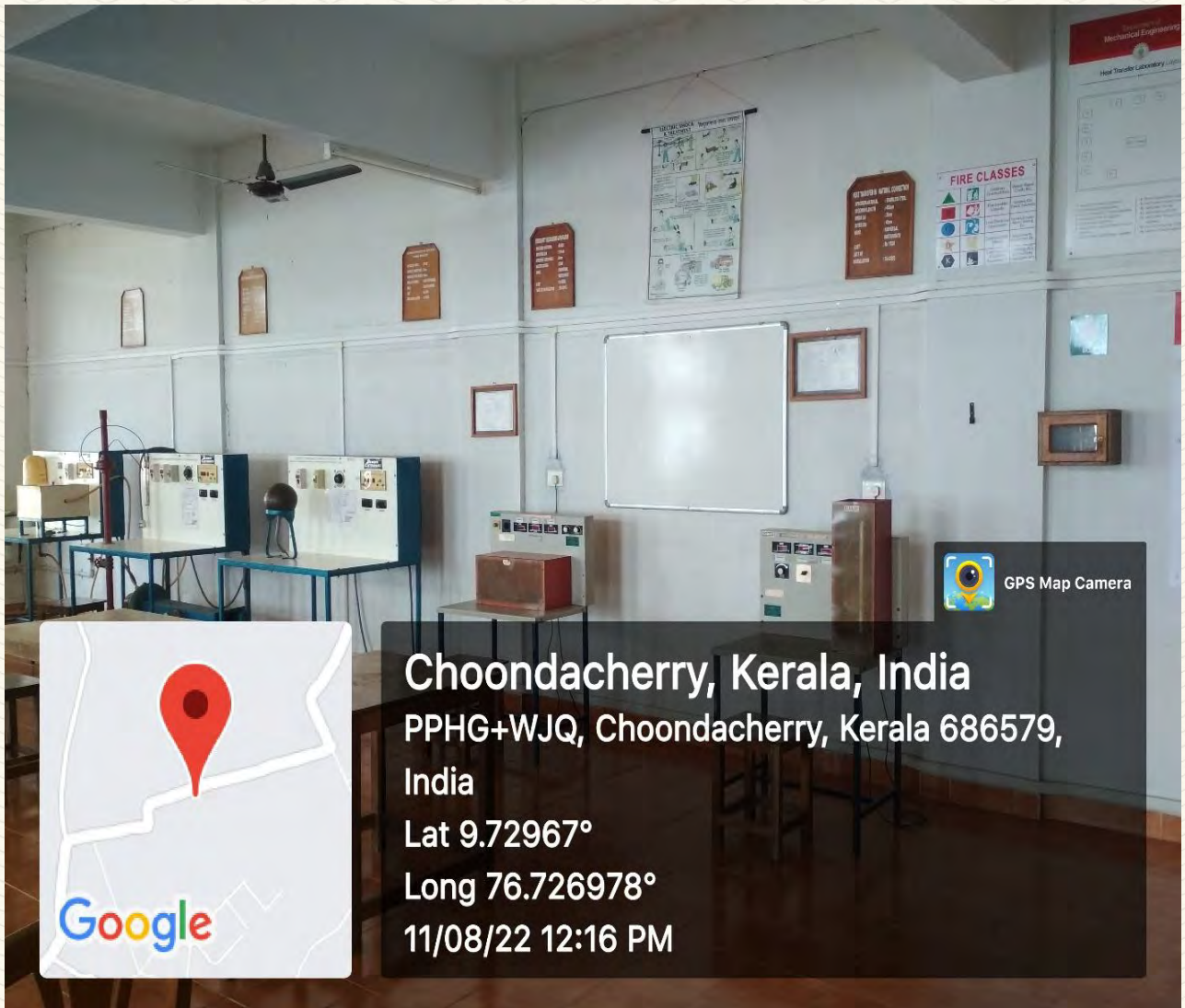


Figure 33: Heat Transfer Lab



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Department	Mechanical Engineering
Name of Laboratory	Model Room (Room No. ELB B1)
Location	Electronics Laboratory Block, Base Floor
Total Floor Area (m ²)	120
Additional Facilities in the Area	Project models, Equipment of Various Funded Projects, Wi-Fi, LAN, 2 Fans, 4 Tube Lights, 10 plug points (5 nos. UPS enabled)



Figure 34: Model Room



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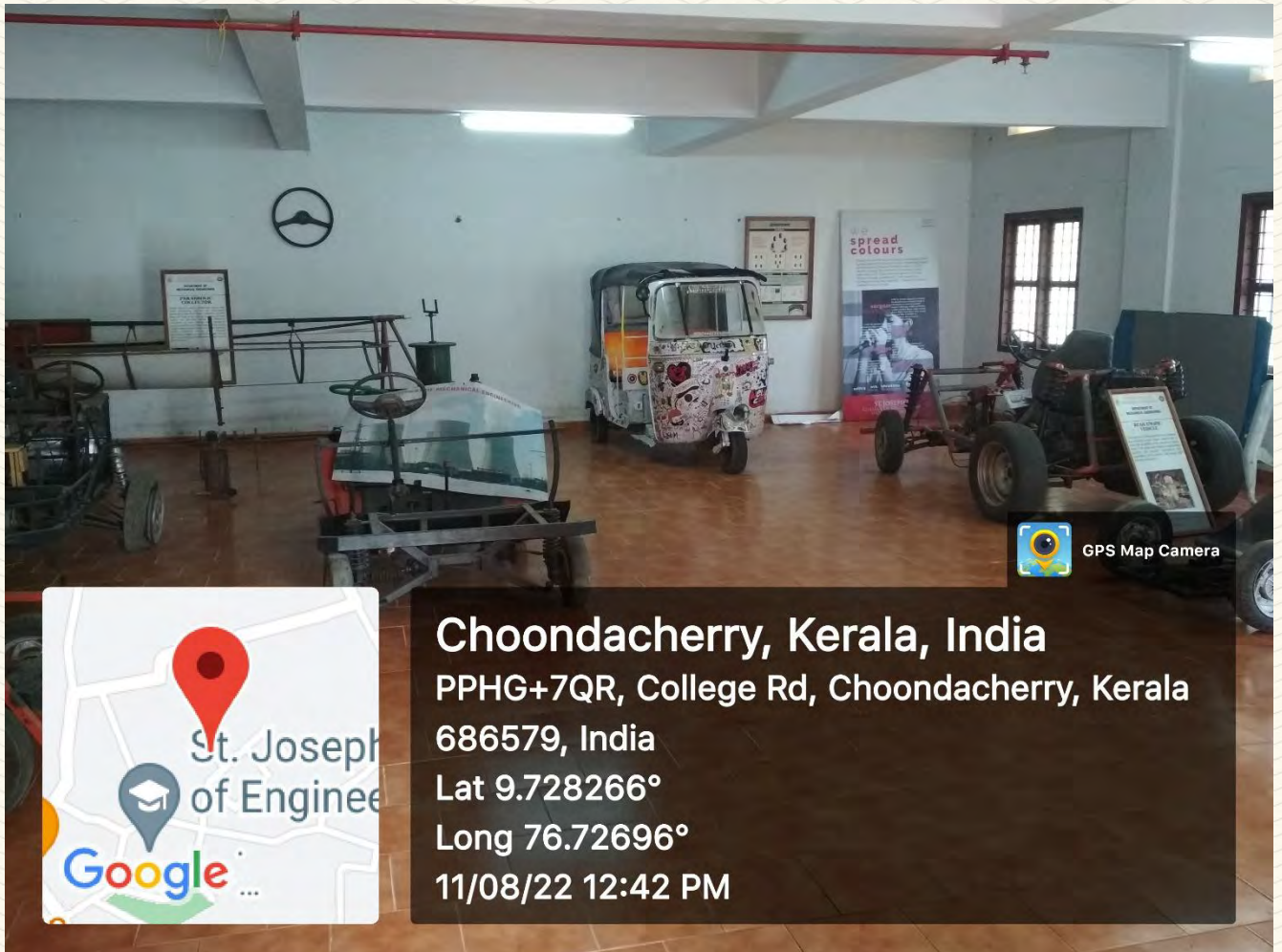


Figure 35: Model Room



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Figure 36: Model Room



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Department	Mechanical Engineering
Name of Laboratory	Hydraulics Lab Annex (Room No. ELB B2)
Location	Electronics Laboratory Block, Base Floor
Total Floor Area (m ²)	120
Additional Facilities in the Area	Wi-Fi, 2 Fans, 4 Tube Lights



Figure 37: Hydraulics Lab Annex



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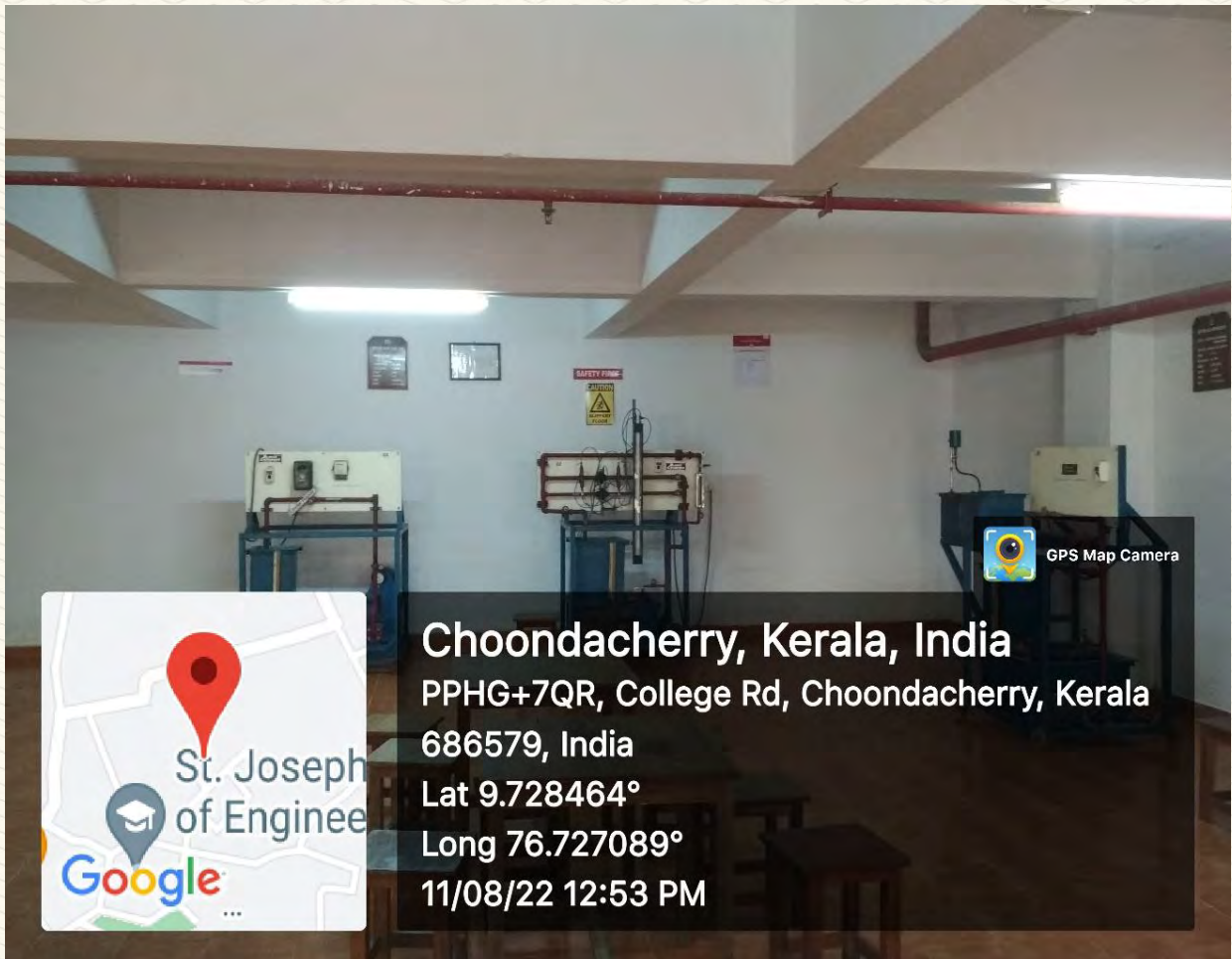


Figure 38: Hydraulics Lab Annex



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Department	Mechanical Engineering
Name of Laboratory	Project Lab (Room No. ELB B3)
Location	Electronics Laboratory Block, Base Floor
Total Floor Area (m ²)	120
Additional Facilities in the Area	Physical models of Projects (by Students), Wi-Fi, 2 Fans, 4 Tube Lights

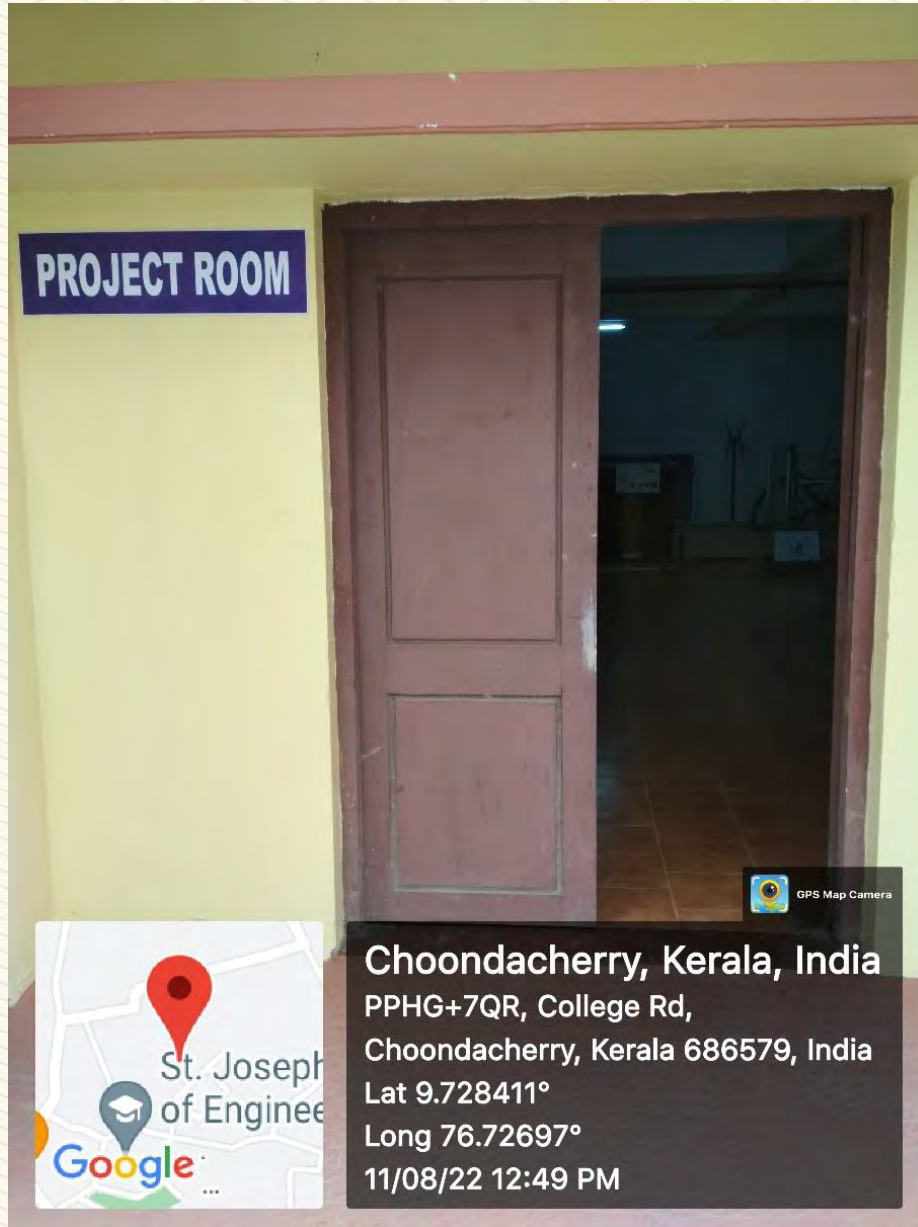


Figure 39: Project Lab



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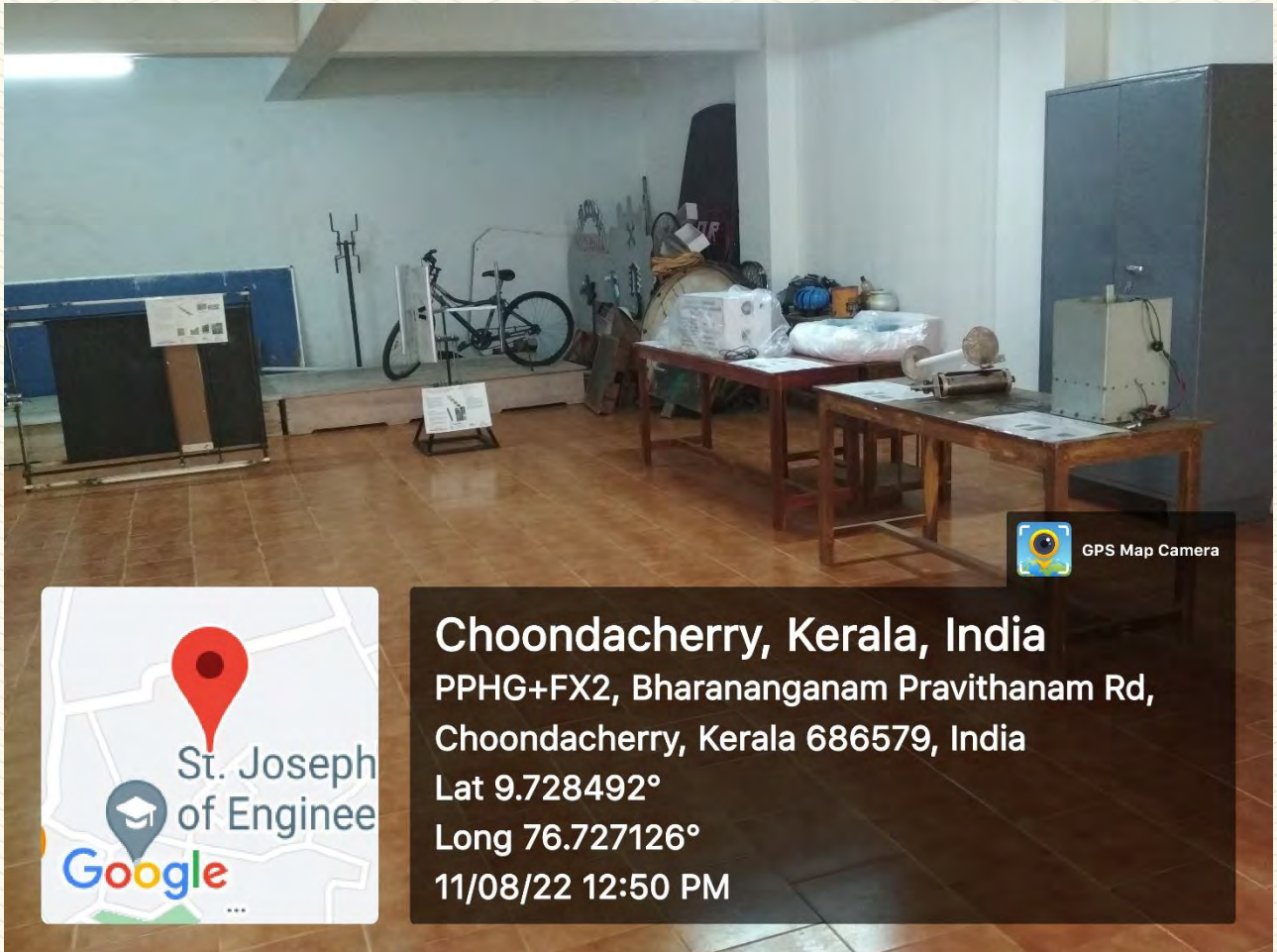


Figure 40: Project Lab



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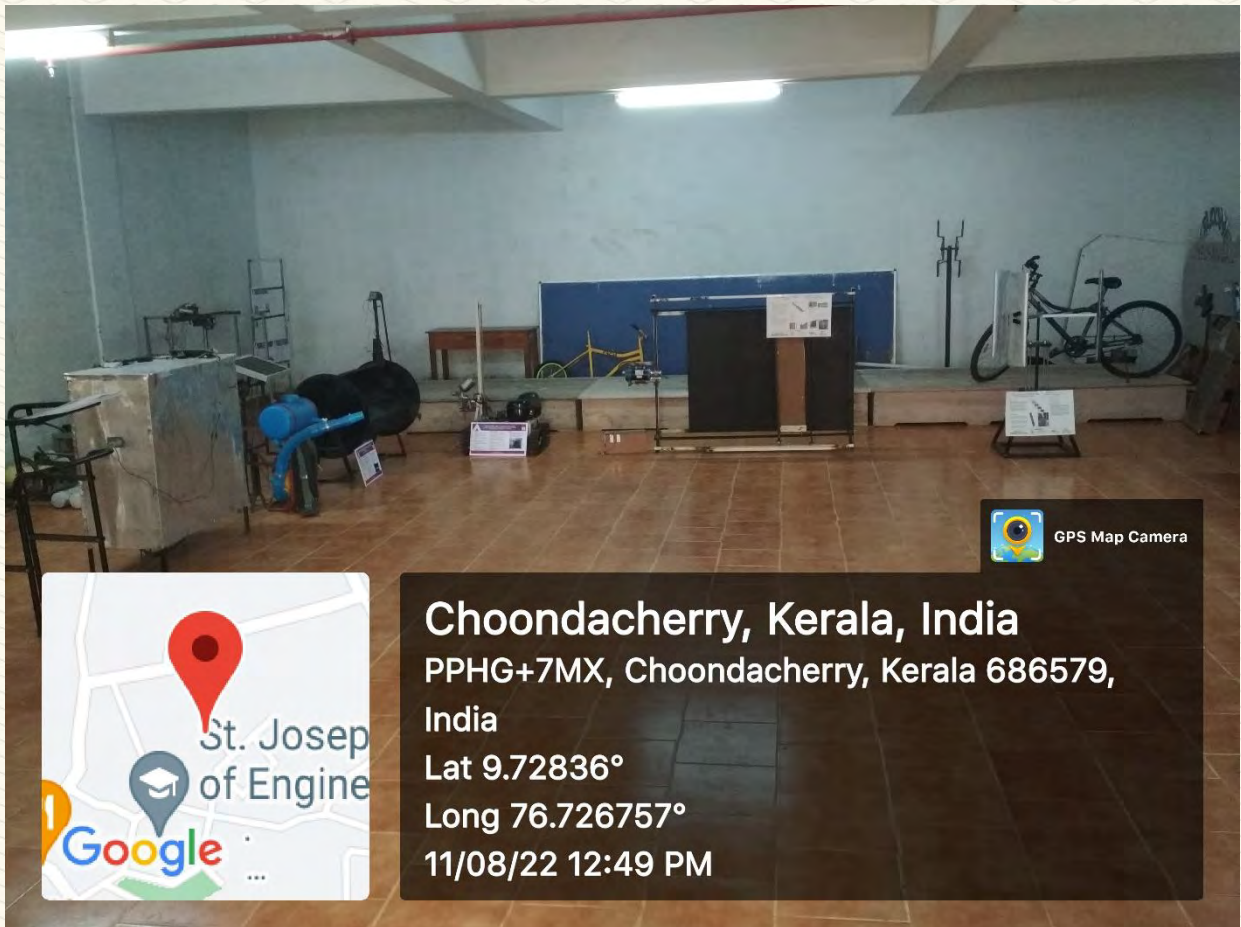


Figure 41: Project Lab



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Department	Mechanical Engineering
Name of Laboratory	Research Lab (Room No. 5)
Location	Newton Block, Ground Floor
Total Floor Area (m ²)	86
Additional Facilities in the Area	Wi-Fi, LAN, Cabins for Funded projects, Equipment of funded projects

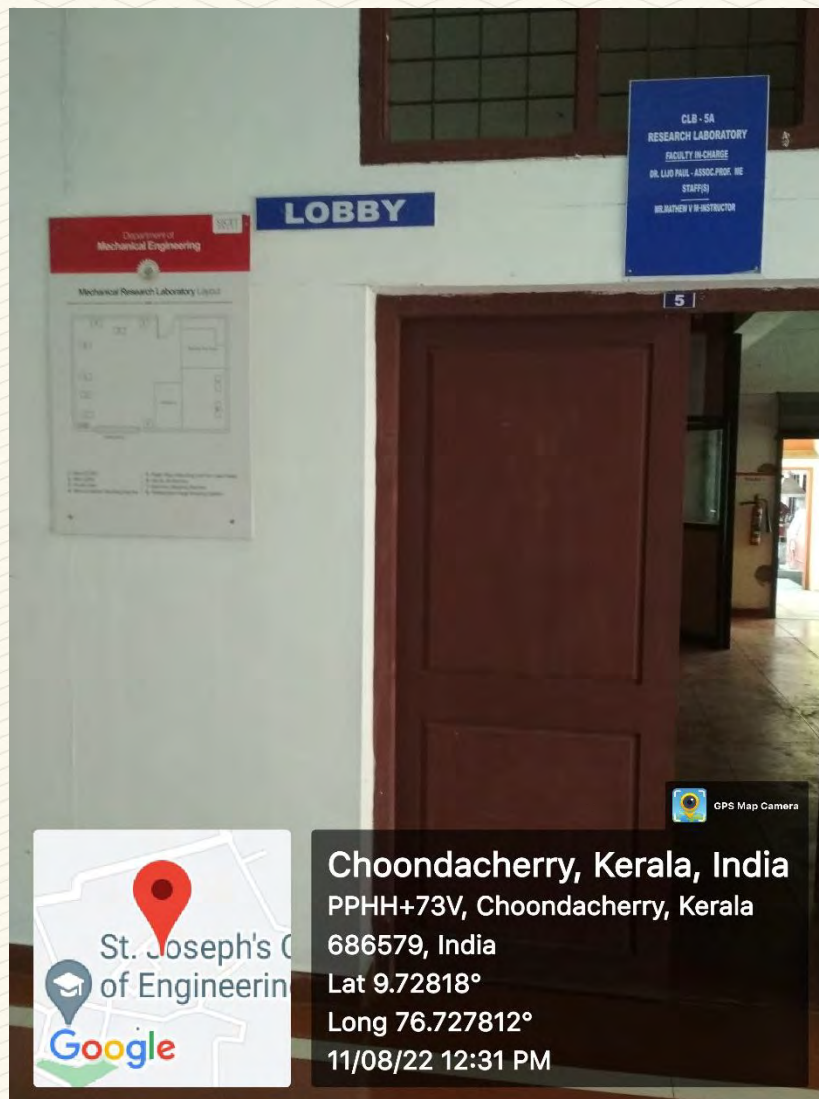


Figure 42: Research Lab



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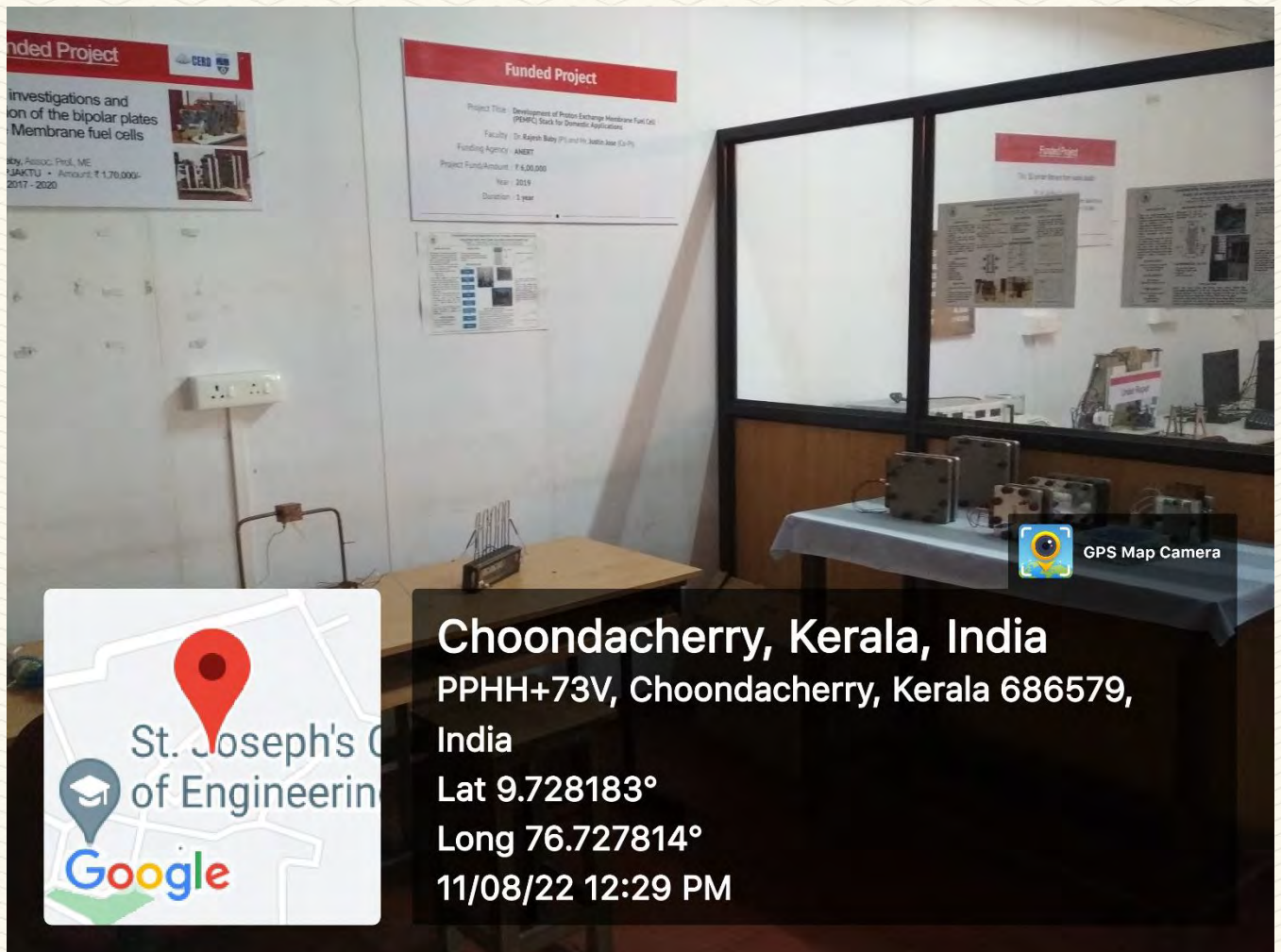


Figure 43: Research Lab



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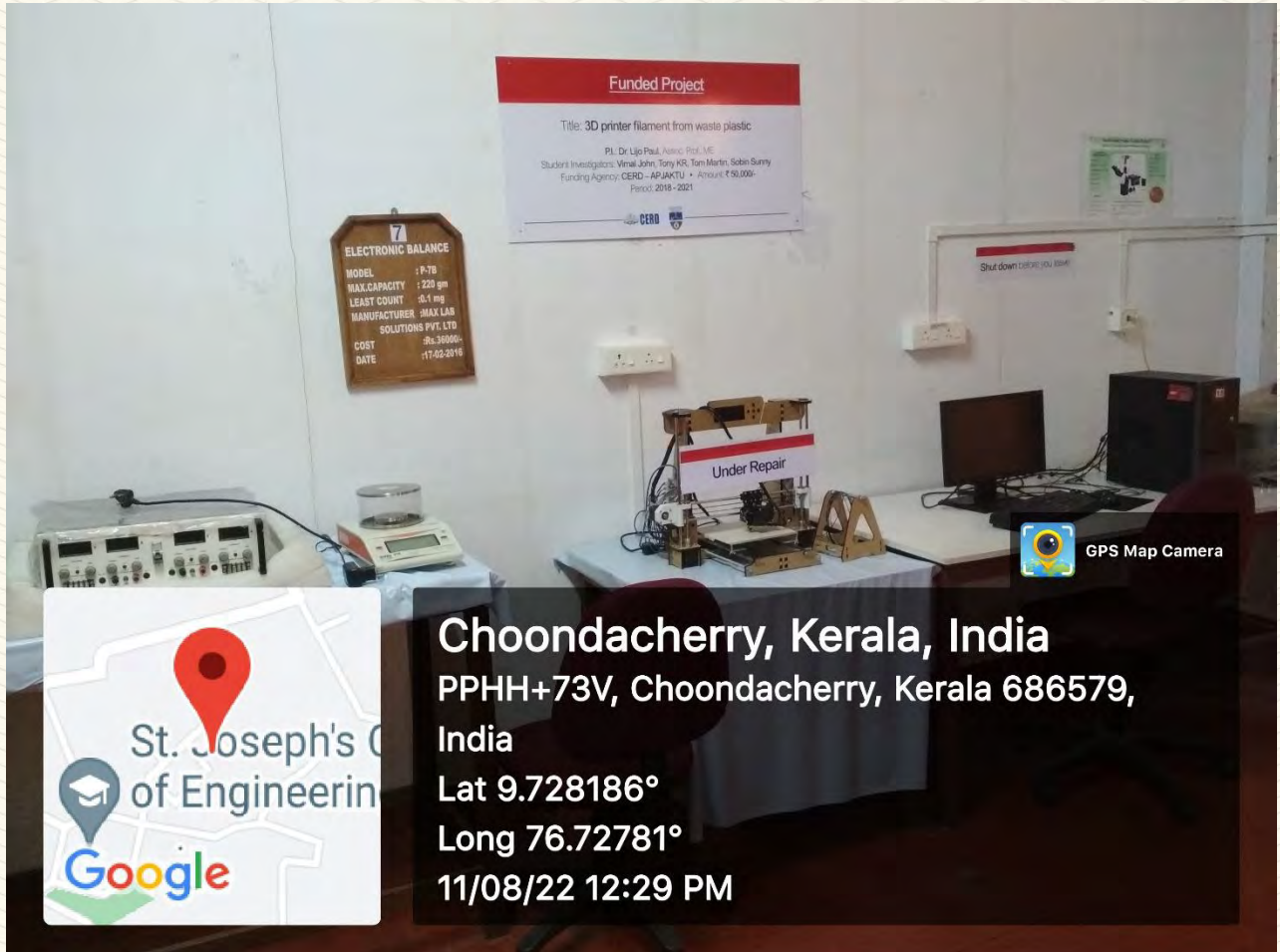


Figure 44: Research Lab



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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 (m ²)	18.2
Additional Facilities in the Area	Wi-Fi, LAN, 15 Computers, Section for Funded projects, Equipment of funded projects

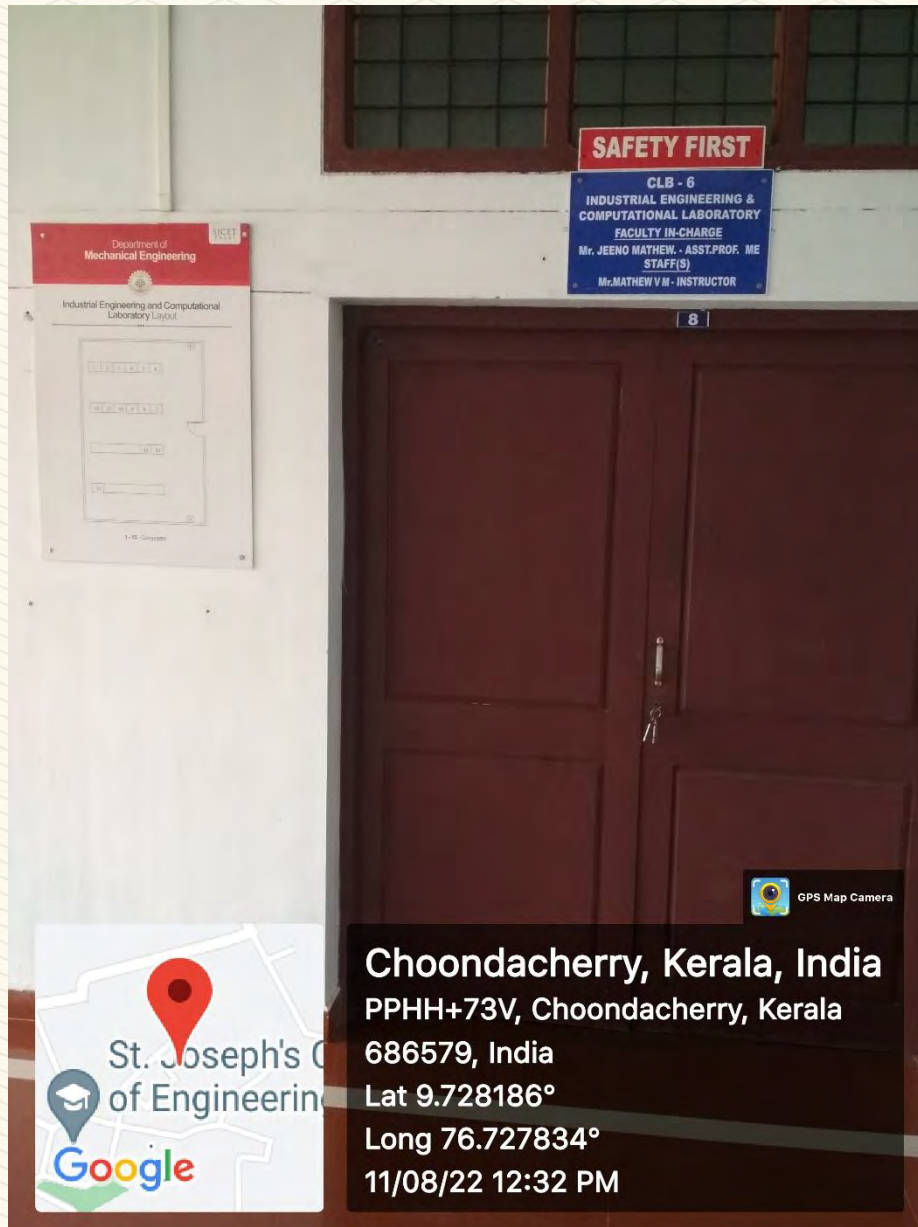


Figure 45: Industrial Engineering & Computational Lab



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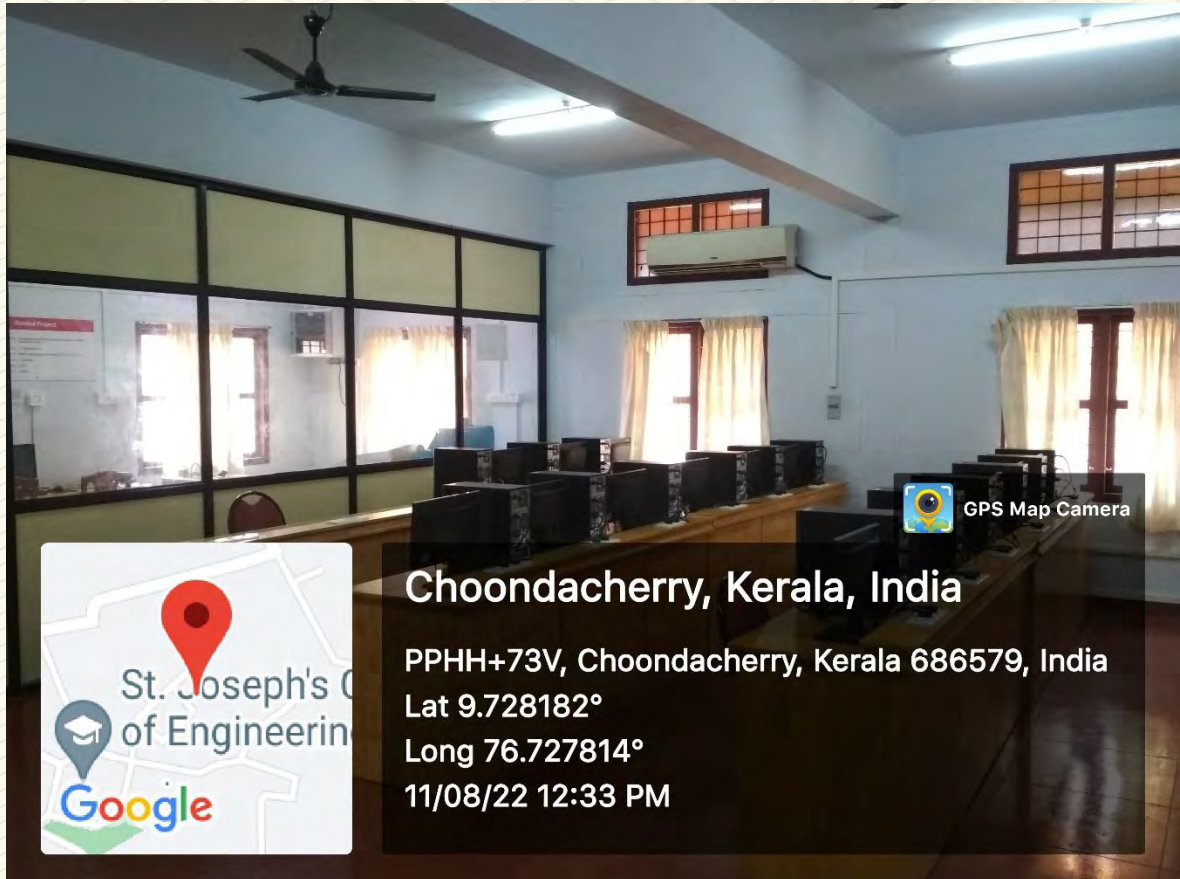


Figure 46: Industrial Engineering & Computational Lab



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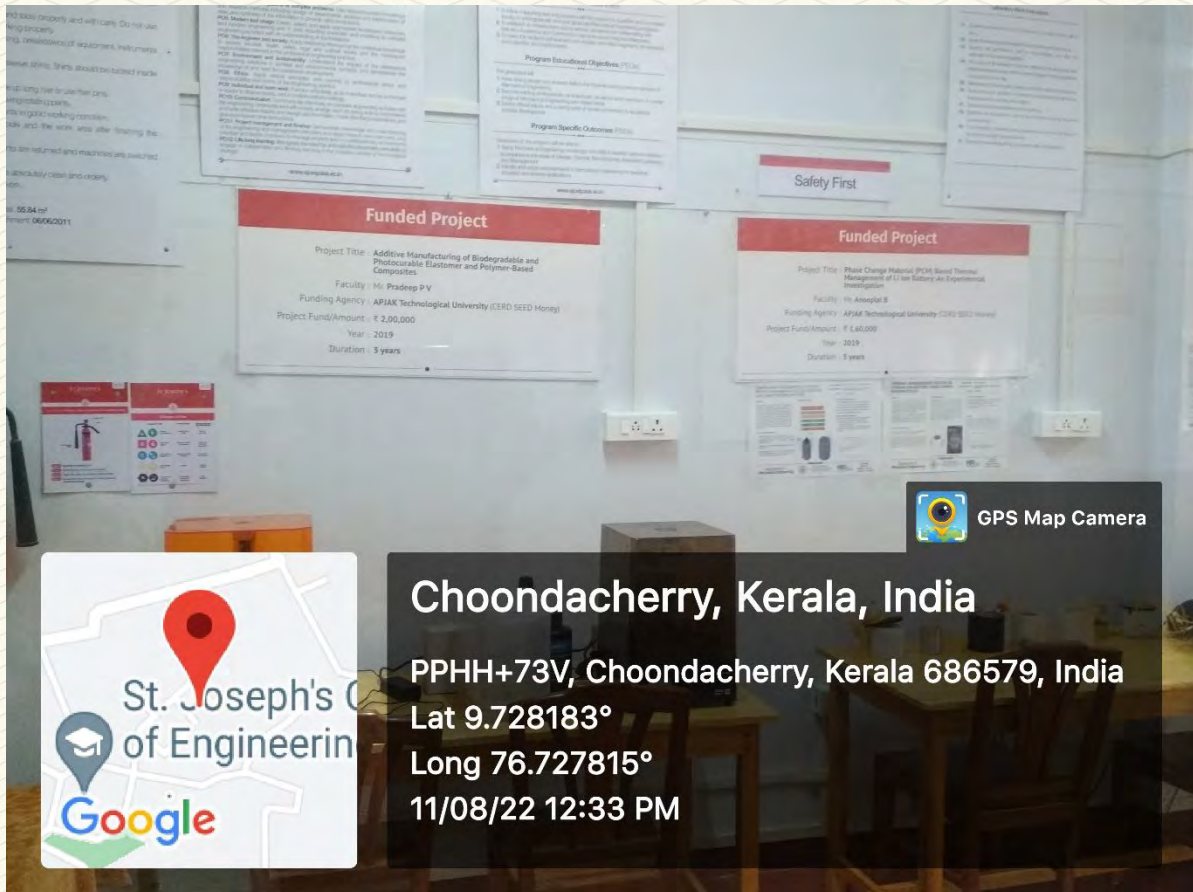


Figure 47: Industrial Engineering & Computational Lab



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Department	Mechanical Engineering
Name of Classroom	CAD Lab (Room No.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 48: CAD Lab



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Figure 49: CAD Lab