

Wisdom Tree, Avinashi Road, Neelambur, Coimbatore 641062

Criteria-4

Infrastructure and Learning Resources

Sub Criteria 4.1

Physical Facilities

4.1.3: Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)



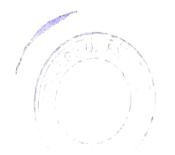
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Criteria 4.1.3

Percentage of classrooms & seminar hall with ICT-enabled facilities such as smart classes

S. No.	Description	Page No.
1	Number of Classrooms & Seminar Hall with ICT facilities	2
2	List of ICT Enabled classrooms	3-4
3	List of ICT Enabled Seminar Halls	5
4	Geo-Tagged classroom photos	6-32
5	Geo-Tagged Seminar Hall photos	33-35



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Criteria 4.1.3

Number of Classrooms with ICT facilities

S. No.	Department	No. of Class Rooms	LCD Facilities	Wi-Fi/ LAN	Smart Class Room	LMS Facilities
1	AID&S	2	Yes	Yes	Yes	Yes
2	CSE	3 .	Yes	Yes	Yes	Yes
3	ECE	3	Yes	Yes	Yes	Yes
4	EEE	3	Yes	Yes	Yes	Yes
5	MECHANICAL	4	Yes	Yes	Yes	Yes
6	MBA	2	Yes	Yes	Yes	Yes
7	S&H	4	Yes	Yes	Yes	Yes
8	CIVIL	-	Yes	Yes	Yes	Yes
Total		27				1

Number of Seminar Hall with ICT facilities

S. No.	Department	No. of Seminar Hall	ICT Facilities
1	MECHANICAL/ EEE /CIVIL	1	Yes
2	CSE/AIDS	1	Yes
3	ECE/Science and humanities	1	Yes
4	MBA/Training & placement	1	Yes





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Criteria 4.1.3

List of ICT Enabled Class Rooms

s No	Room	Namo	Type of ICT	Area of Room
3. 140.	No. Name		Facility	in sq.m.
1	213	LH - 1		118.85
2	214	Tutorial Hall		60.80
3	216	LH - 2		89.13
4	217	LH - 3		88.44
5	304 A	LH - 4		118.15
6	304 B	LH - 21		110.10
7	306 A	LH - 5		
8	306 B	Tutorial Hall	LCD Projector with Wi-Fi Internet	118.15
9	307	Tutorial Hall	Connection, LAN	27.64
10	308	LH - 6		88.44
11	309	LH - 7		87.75
12	402	LH - 8		70.28
13	403	LH - 9		101.08
14	405	LH - 10		101.08
15	406	LH - 11		101.08

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	107			00.71
16	407	LH - 12		98.71
17	416	LH - 13		134.63
18	417	LH - 14		103.37
19	419	LH - 15		100.96
20	420	LH - 16		104.17
21	421 A	LH - 17		
22	421 B	Tutorial Hall		104.17
23	424	LH - 18		104.17
24	425 A	LH - 19	LCD Projector with	
25	425 B	Tutorial Hall	Wi-Fi Internet Connection, LAN	102.56
26	426 A	LH - 20		
27	426 B	Tutorial Hall		102.56



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Criteria 4.1.3

List of ICT Enabled Seminar Halls

S. No.	Room No.	Name	Type of ICT Facility	Area of room in sq.m.
1	117	Seminar Hall - GF	LCD Projector	211.43
2	303	Seminar Hall-SF	with Wi-Fi Internet	207.29
3	318	Auditorium	Connection,	446.36



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AREA DETAILS (AS PER AICTE NORMS)

Instructional Area

S No.	Category	Description	unit area (in Sq. m)	Req. Nos	Req. area (in Sq. m)
1	Class rooms (UG & MBA)	Total no. of divisions * 0.75	66	19	1254
2	Class rooms (PG)	Total no. of divisions * 0.75	.33	6	198
3	Tutorial rooms	25% of total class rooms	33	5	165
4	Laboratory for 1 Year	4	66	4	264
5	Laboratory other than I Year	2/Course/Year	66	30	1980
6	Laboratory for PG courses	1/Course	66	4	264
O		1 Research Laboratory	66	1	66
7	Workshp	1	200	1	200
8	Additional Workshop/Laboratory for 'X' category courses	1	200	1	200
9	Drawing Hall	1	132	1	132
10	Computer Centre	1	150	1	150
11	Seminar Hall		132	1	132
12	Library		400	1	400
13	Language Laboratory		33	1	33
					5438

Administrative Area

S No.	Category	Description	unit area (in Sq. m)	Req. Nos	Req. area (in Sq. m)
1	Principal Room		30	1	30
	Board Room		20	1	20
3	Office (all inclusive)		300	1	300
4	Cabin for HoD/Department office		20	5	100
5	Faculty rooms		5	95	475
6	Central Stores		30	1	30
7	Maintenance		10	1	10
8	Secuirty		10	1	10
9	House keeping		10	1	1
10	Pantry for staff		10	1	1
11	Examination control office		30	1	3
12	Placement office		30 m	1	



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			And the second s		1055
		neties Area			
1	Toilets (Ladies/Gents)		350	1	350
2	Boys Common Room		100	1	100
3	Girls Common Room		100	1	100
4	Cafeteria		150	1	150
5	Stationery Store/Reprography		10	1	10
6	Fist Aid/Sick Room		10	1	10
					720
	Circu	llation Area			
1	(INA + ADA + AMA)	25% of Total Area	7213	0.25	1803
	Total R	Required Area			
1	Instructional Area				5438
2	Administrative Area				1055
3	Ameneties Area				720
4	Circulation Area				1803
					9016

	KCE - AREA AVAILABLE AND REQUIRED DETAILS AS PER AICTE NORMS							
		Available in KCE	Required as per AICTE	Excess				
1	Instructional Area	7687	5438	2249				
2	Administrative Area	1100	1055	45				
3	Ameneties Area	930	720	210				
4	Circulation Area	2429	1803	626				
		12146	9016	3130				
Excess Built-up area available (in %)								



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Laboratory Area Allocation

S.No	Room	Description		ea	Total area in square	Total area in square
	NO				feet	meter
1	109	Manufacturing Technology Laboratory	55.25	29.75	1643.69	152.70
2	110	Electrical Machines Laboratory	52	29.75	1547	143.72
3	110	Electrical Engineering Laboratory	42	29.75	1249.5	116.08
4	111	Thermal Engineering-I Laboratory	31.25	21	656.25	60.97
5	113	Strength of Materials Laboratory	31.25	21	656.25	60.97
6	118	Engineering Practice (ME) Laboratory	32.25	29.75	959.4375	89.13
7	203	Soft Skills & Communication Laboratory	32.75	29.75	974.31	90.52
8	204	Modelling and Simulation Laboratory	32.25	29.75	959.44	89.13
9	205	Power Systems Simulation Laboratory	32	29.75	952.00	88.44
10	207	Artificial Intelligence & Data Science Laboratory	32	29.75	952.00	88.44
11	208	DBMS and Software Engineering Laboratory	53.5	29.75	1591.63	147.87
12	209	Data Structures and Algorithm/Programming 63.5 29.75		29.75	1889.13	175.50
13	213	Fluid Mechanics Machinery Laboratory	43	29.75	1279.25	118.85
14	222	Physics Laboratory	53.5	29.75	1591.63	147.87
15	218	Chemistry Laboratory	53.25	29.75	1584.19	147.17
16	201 A	Electronic Devices & Circuits Laboratory	39	31.25	1218.75	113.22
17	201 B	Engineering Practices (EE) Laboratory	20.75	31.25	648.44	60.24
18	311	Kinetics and Dynamics Laboratory	42.25	29.75	1256.94	116.77
19	312	Metrology and Measurements Laboratory	21.25	29.75	632.19	58.73
20	313	Thermal Engineering-II Laboratory	31	29.75	922.25	85.68
21	321	Power Electronics & Drives Laboratory	32	29.75	952.00	88.44
22	322	Control & Instrumentation Laboratory	21	29.75	624.75	58.04
23		Optical & Microwave Laboratory	20.75	29.75	617.31	57.35
24		Digital & Integrated Circuits Laboratory	32	29.75	952.00	88.44
25		Renewable Energy Systems Laboratory	32.25	34	1096.50	101.87
26		Microprocessors & Microcontrollers Laboratory	33	34	1122.00	104.24
27		Embedded Systems Laboratory,	32	34	1088.00	101.08
28	+	VLSI Laboratory	32	34	1088	101.08
20	712					2852.55

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Class rooms Area Allocation

Class Toollis Area Allocation								
S.No	Room No	Description	Area		Total area in square feet	Total area in square meter		
1	213	LH - 1	43	29.75	1279.25	118.85		
2	214	Tutorial Hall	22	29.75	654.50	60.80		
3	216	LH - 2	32.25	29.75	959.44	89.13		
4	217	LH - 3	32	29.75	952.00	88.44		
5	304 A	LH - 4	42.75	29.75	1271.81	118.15		
6	304 B	LH - 21	42.75	29.75	12/1.01	110.13		
7	306 A	LH - 5	42.75	29.75	1271.81	118.15		
8	306 B	Tutorial Hall	42.73	23.73	12/1.01	110:10		
9	307	Tutorial Hall	10	29.75	297.5	27.64		
10	308	LH - 6	32	29.75	952.00	88.44		
11	309	LH - 7	31.75	29.75	944.56	87.75		
12	402	LH - 8	22.25	34	756.50	70.28		
13	403	LH - 9	32	34	1088.00	101.08		
14	405	LH - 10	32	34	1088.00	101.08		
15	406	LH - 11	32	34	1088.00	101.08		
16	407	LH - 12	31.25	34	1062.50	98.71		
17	416	LH - 13	44.25	32.75	1449.19	134.63		
18	417	LH - 14	32.25	34.5	1112.63	103.37		
19	419	LH - 15	31.5	34.5	1086.75	100.96		
20	420	LH - 16	32.5	34.5	1121.25	104.17		
21	421 A	LH - 17	34.5	32.5	1121.25	104.17		
22	421 B	Tutorial Hall	34.3	32.3	1121.23	20 1127		
23	424	LH - 18	32.5	34.5	1121.25	104.17		
24	425 A	LH - 19	32	34.5	1104.00	102.56		
25	425 B	Tutorial Hall	32	34.3	1104.00	132.30		
26	426 A	LH - 20	22	24.5	1104.00	102.56		
27	426 B	Tutorial Hall	32	34.5	1104.00	102.50		
				•		2126.18		



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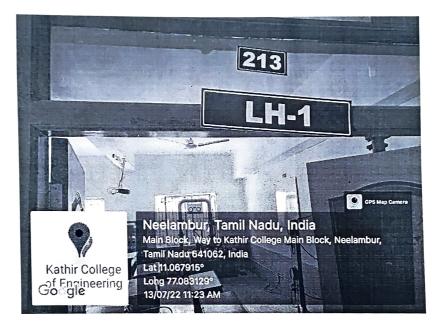


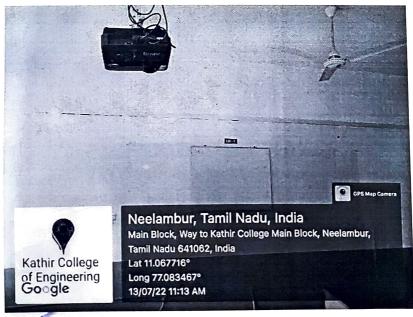
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Class Rooms ICT Facilities

LH 1







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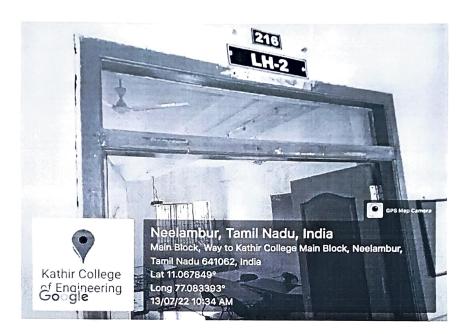
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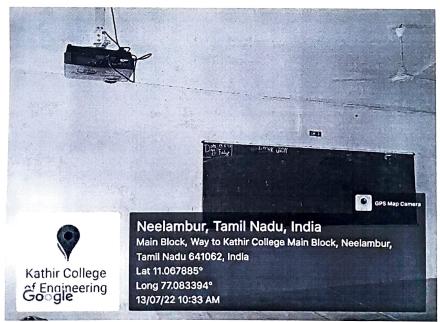


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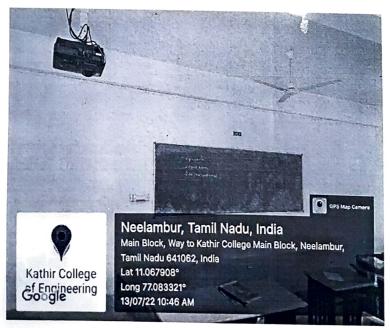


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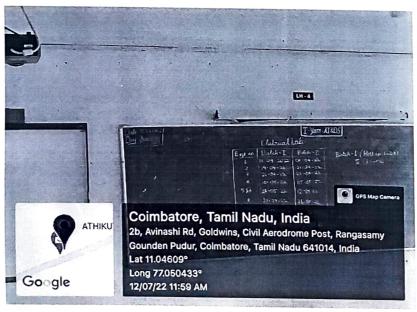


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LH 4









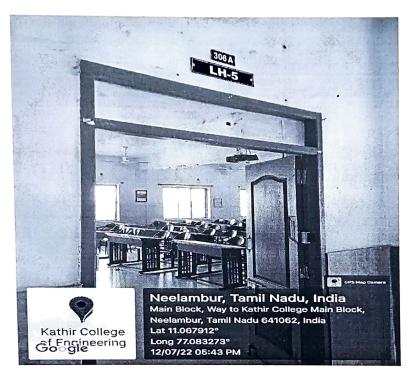
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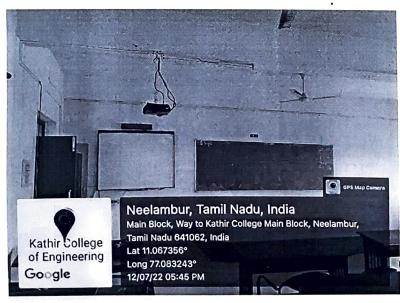


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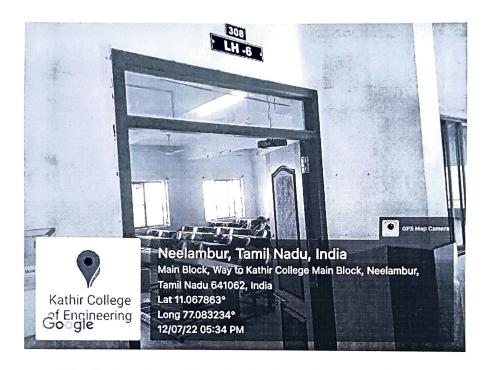
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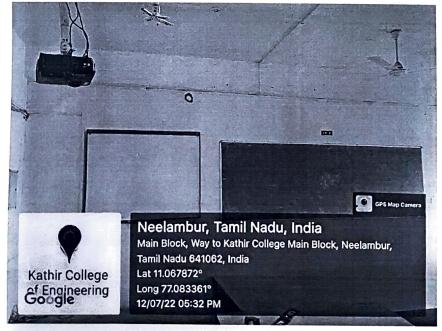


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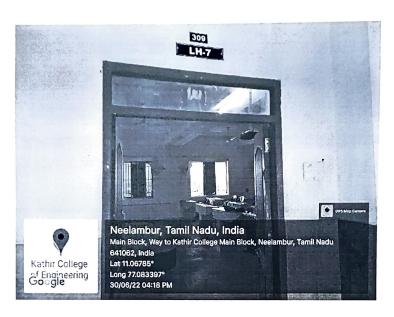


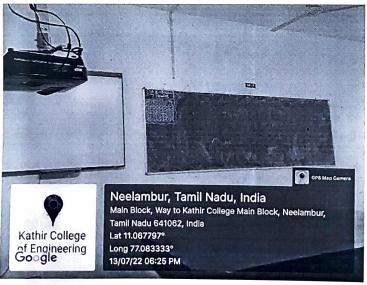


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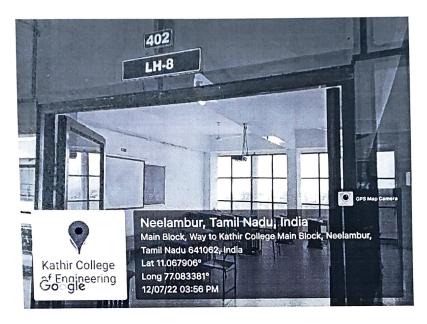
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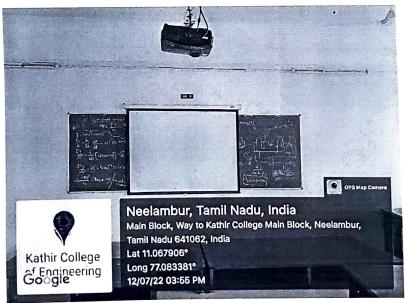


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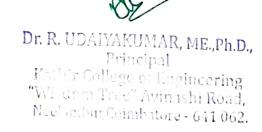
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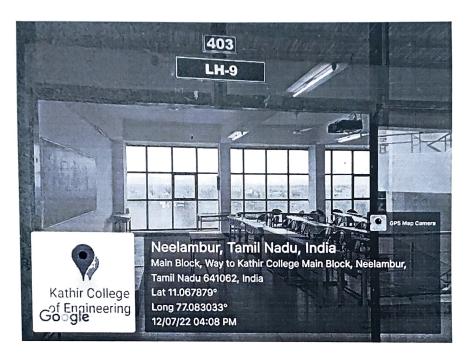


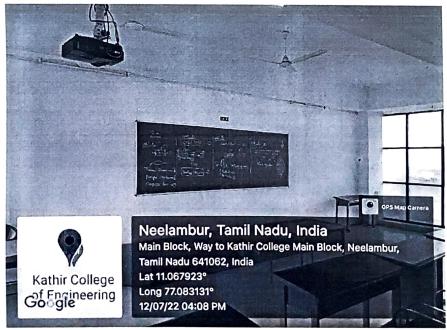


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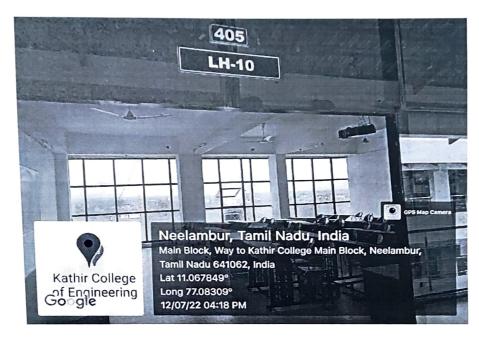
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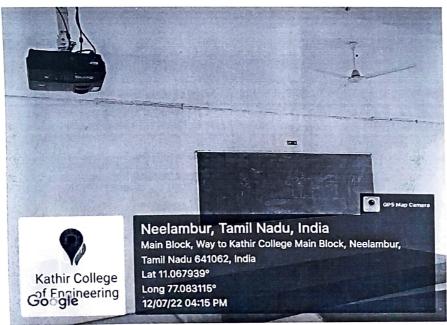


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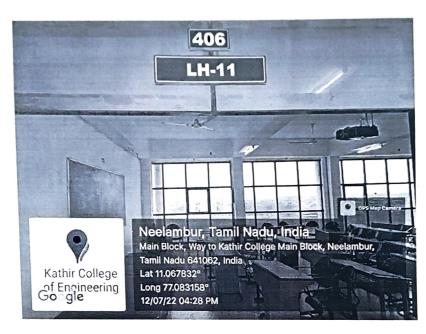


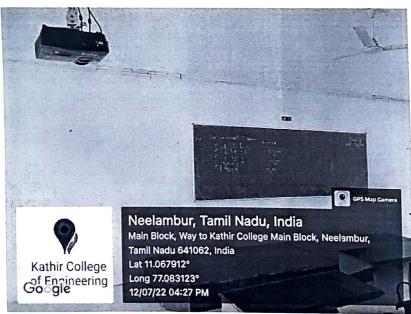


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LH 11







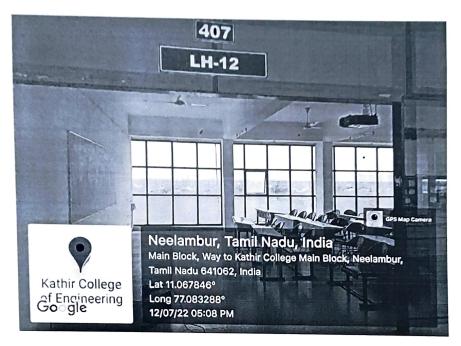


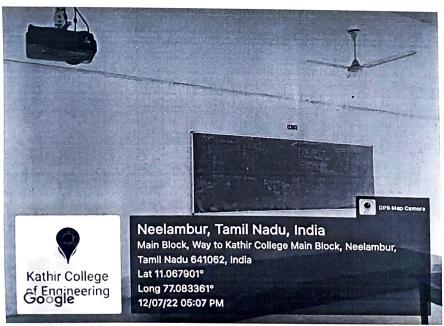


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LH 12









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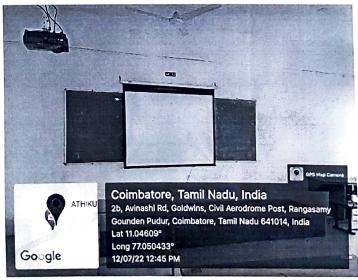


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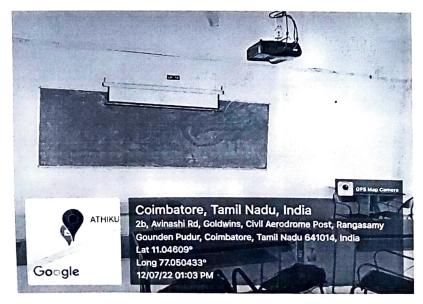


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LH 14







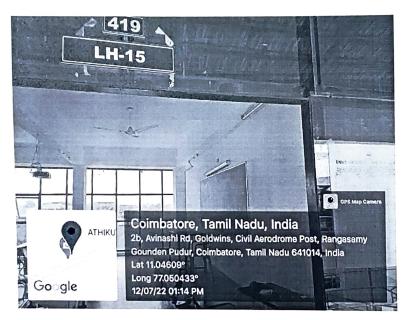




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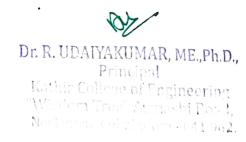
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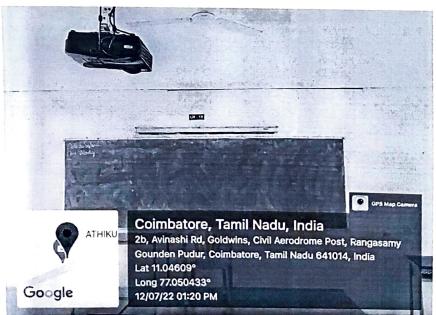


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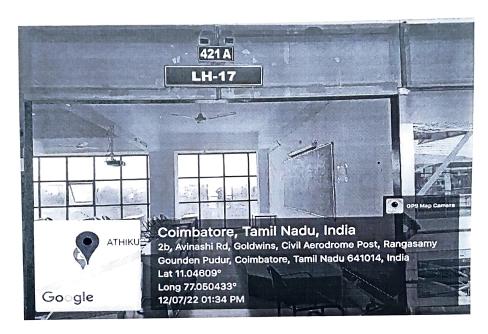
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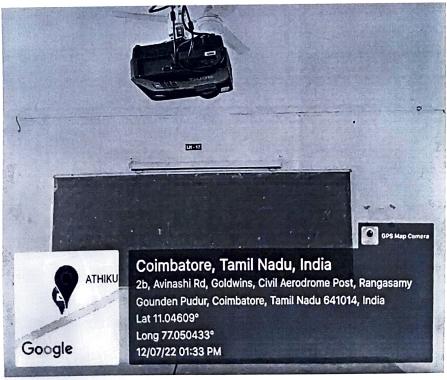


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LH 17





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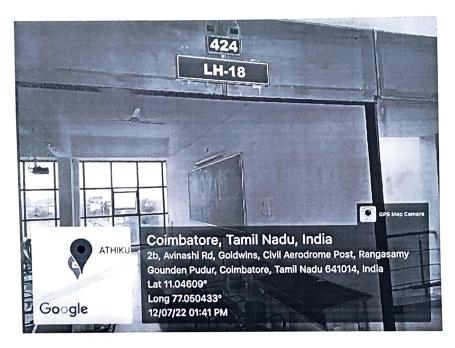


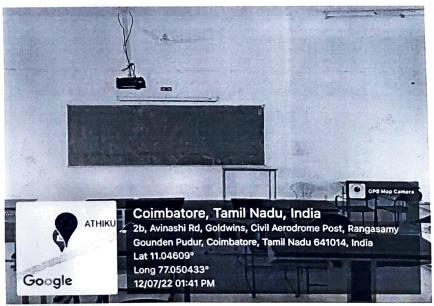


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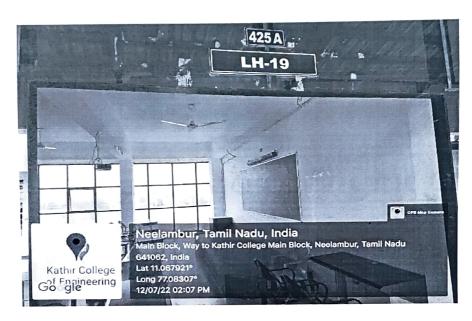
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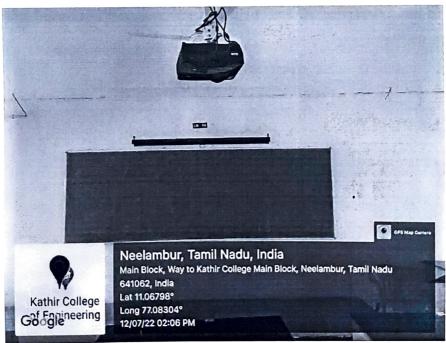


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Dr. R. UDAIYAKUMAR, ME., Ph.D.,

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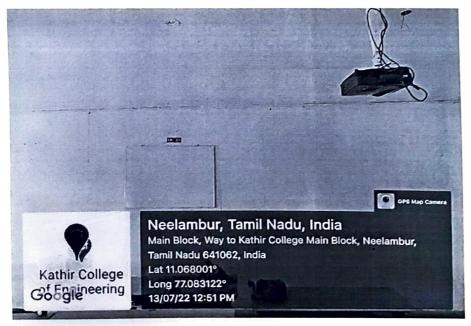


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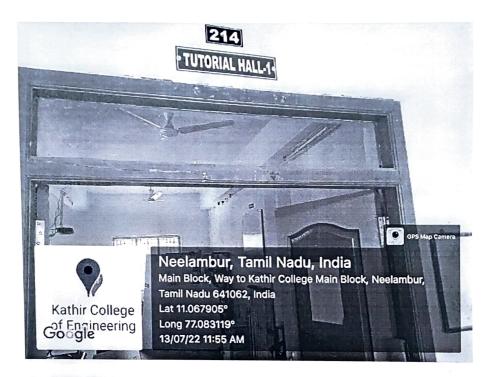
Dr. R. UDAIYAKUMAR, ME.,Ph.D.,
Principal
Kathir College of Engineering
"Wadden Tree" Avinashi Rood,
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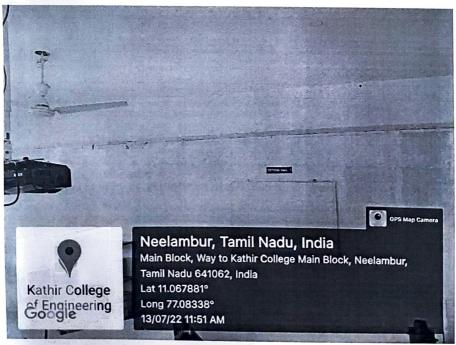


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Tutorial Hall - 1









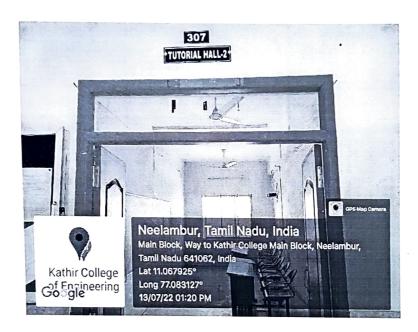
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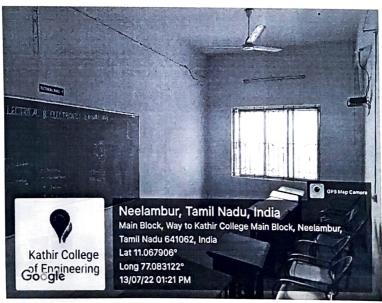


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Tutorial Hall - 2







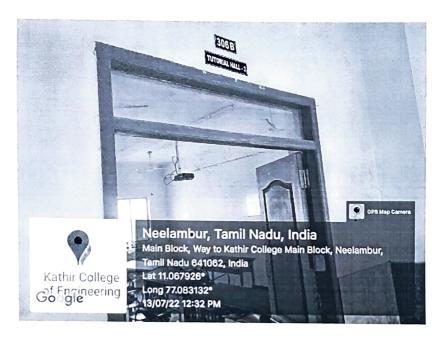


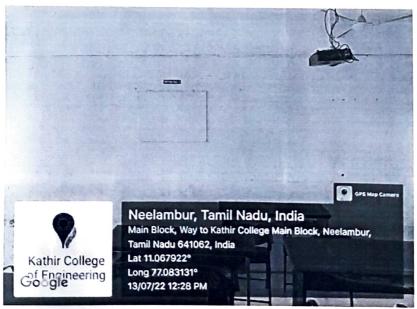


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Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

Tutorial Hall - 3









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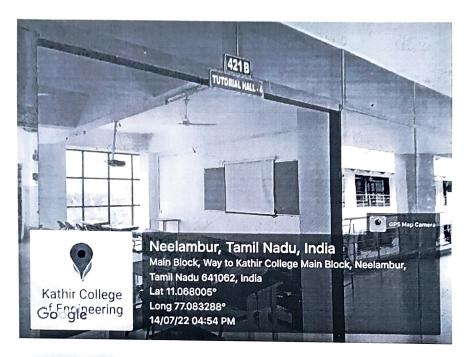
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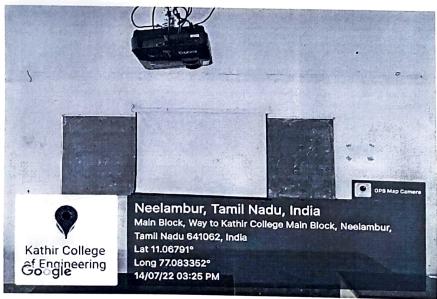


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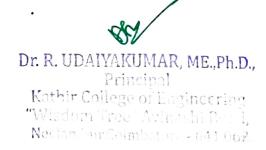
Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

Tutorial Hall - 4









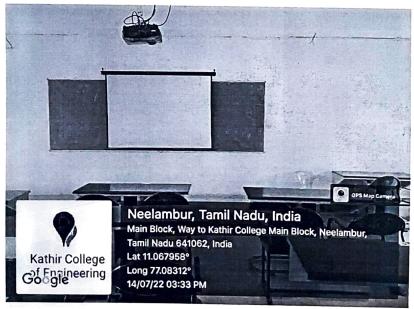


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Tutorial Hall - 5









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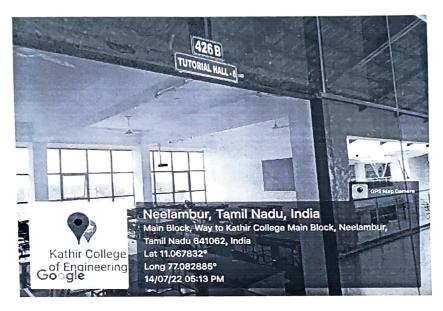
Principal
Kathir College of Engineering
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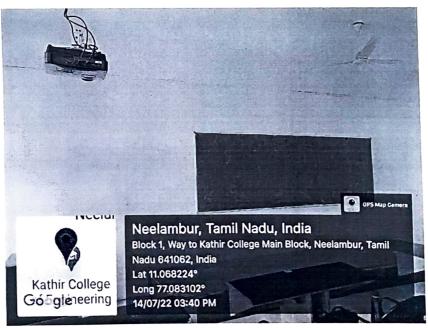


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Tutorial Hall - 6







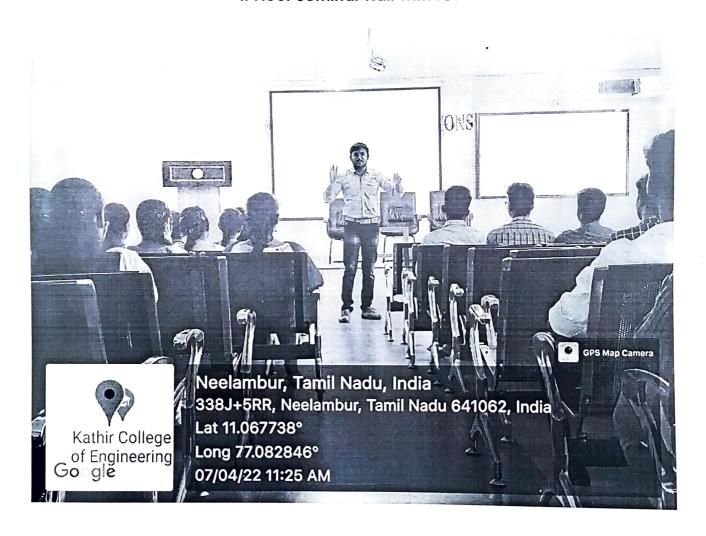
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Wisdom Tree, Neelambur, Avinashi Road, Coimbatore-62

II Floor Seminar Hall with ICT









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Auditorium with ICT









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Ground Floor Seminar Hall with ICT





