



SATHYABAMA

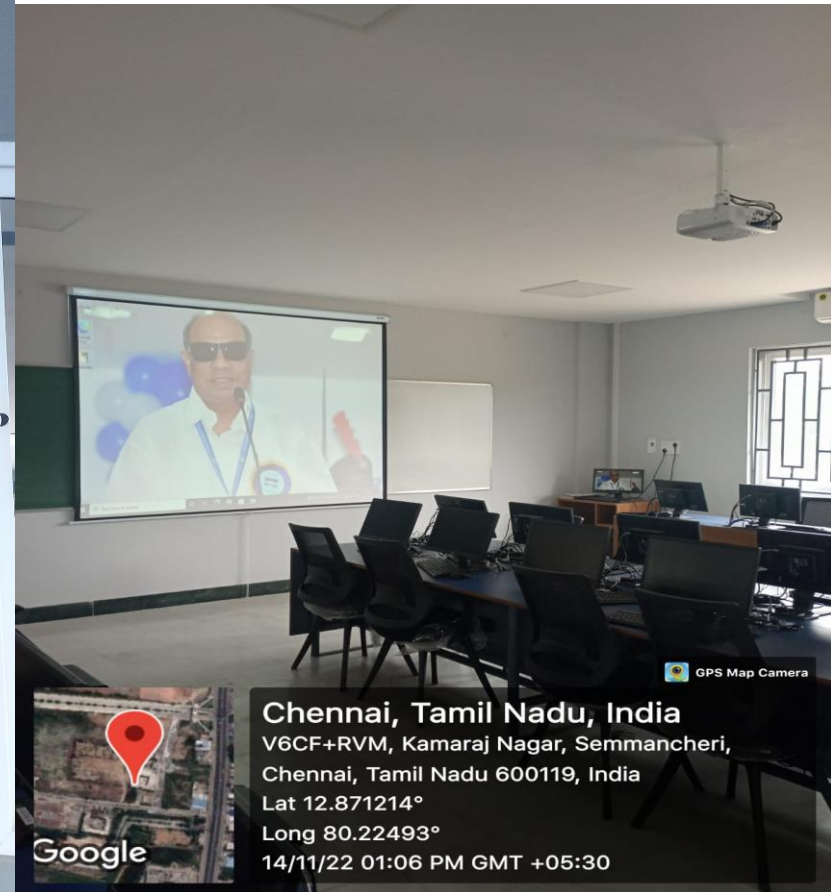
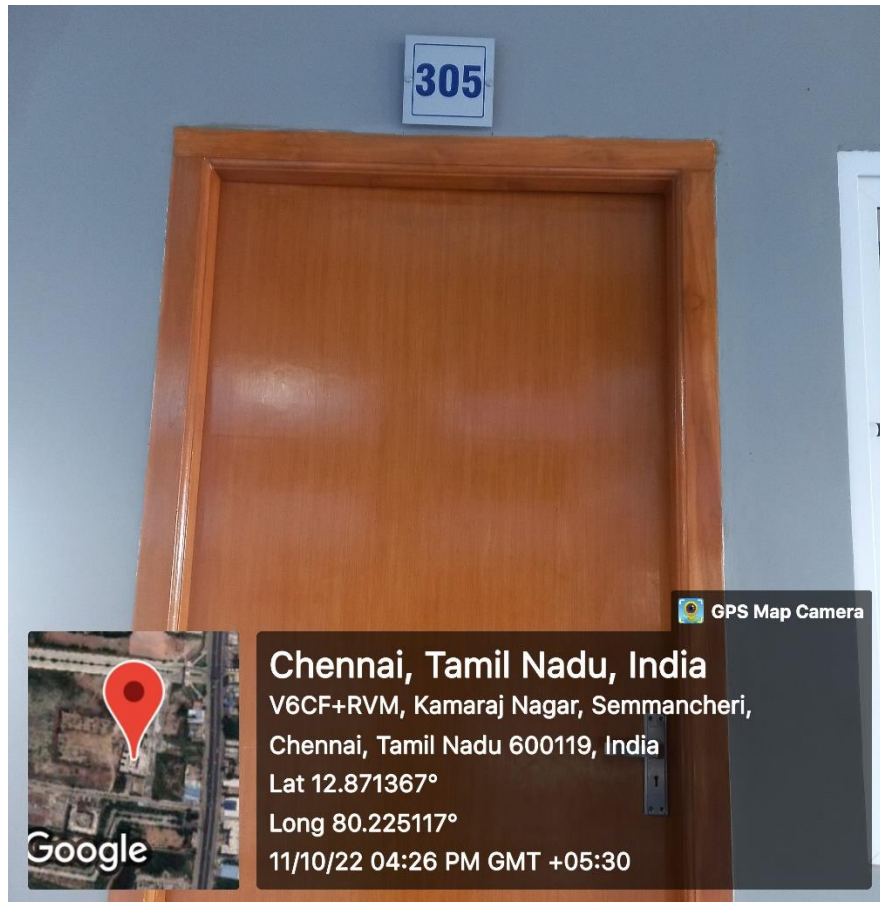
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited A++ Grade by NAAC | 12B Status by UGC | Approved by AICTE

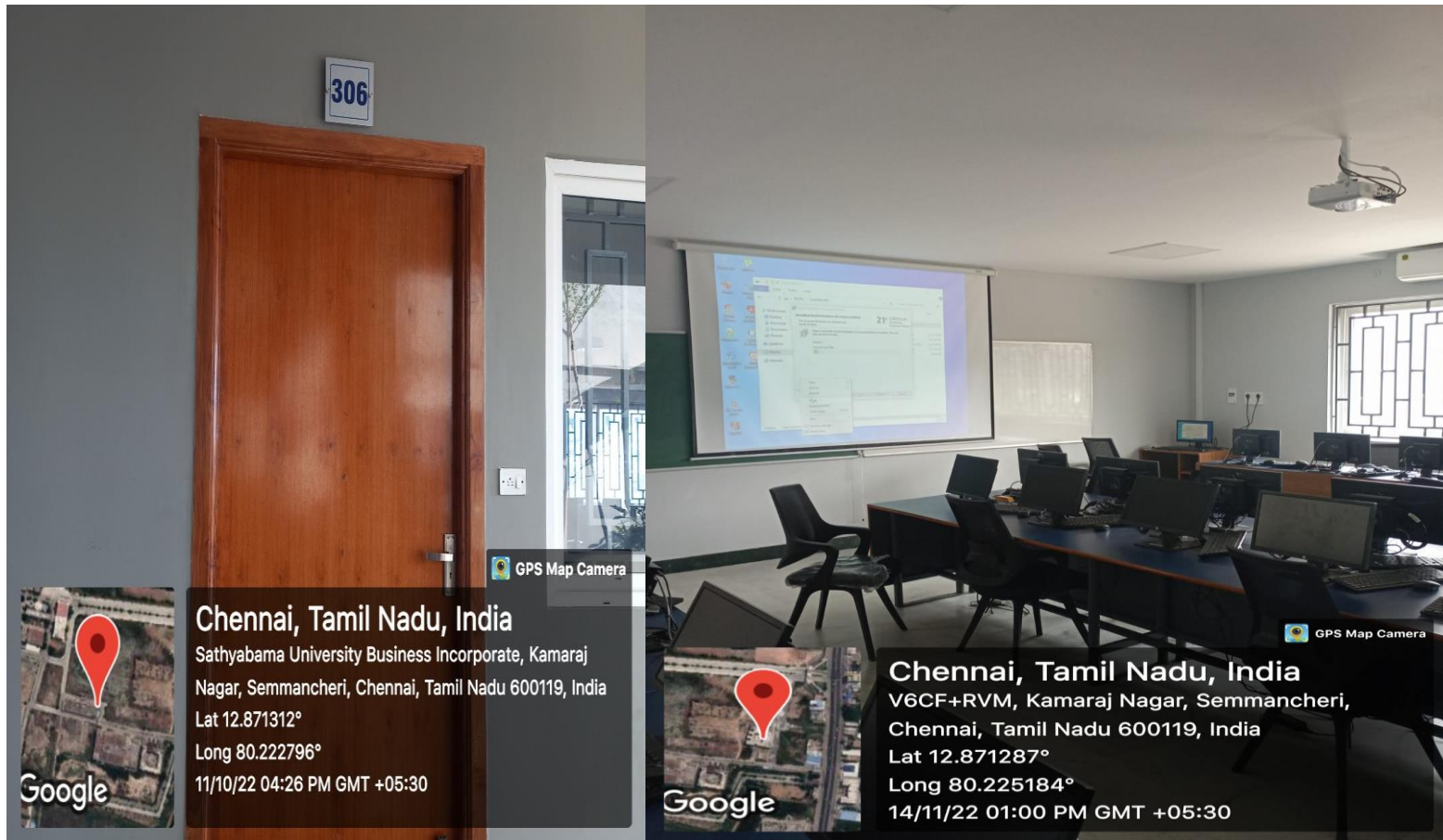
www.sathyabama.ac.in

4.1.1 TEACHING & LEARNING FACILITIES

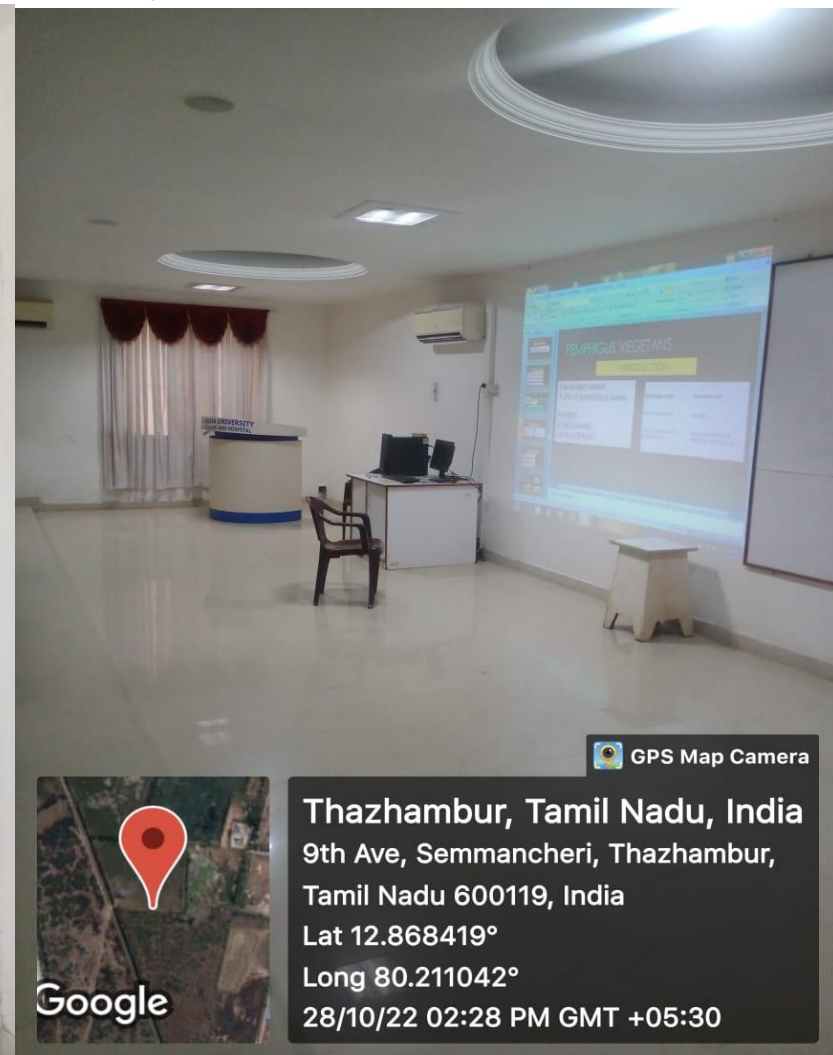
Classroom with ICT Enabled Facility (LCD, LAN/ Wi-Fi)



Classroom with ICT Enabled Facility (LCD, LAN/ Wi-Fi)



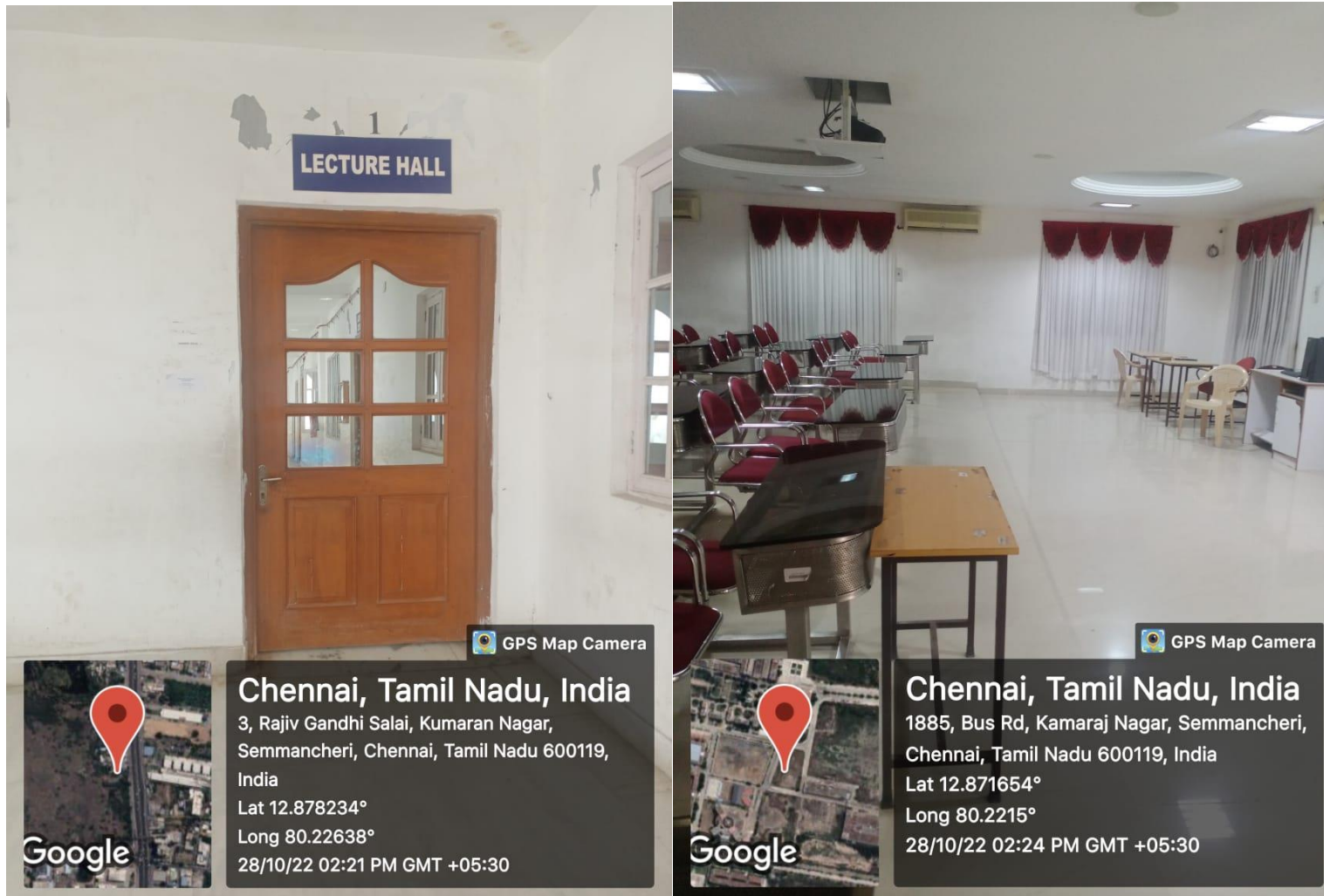
Lecture Hall with ICT Enabled Facility (LCD, LAN/ Wi-Fi)



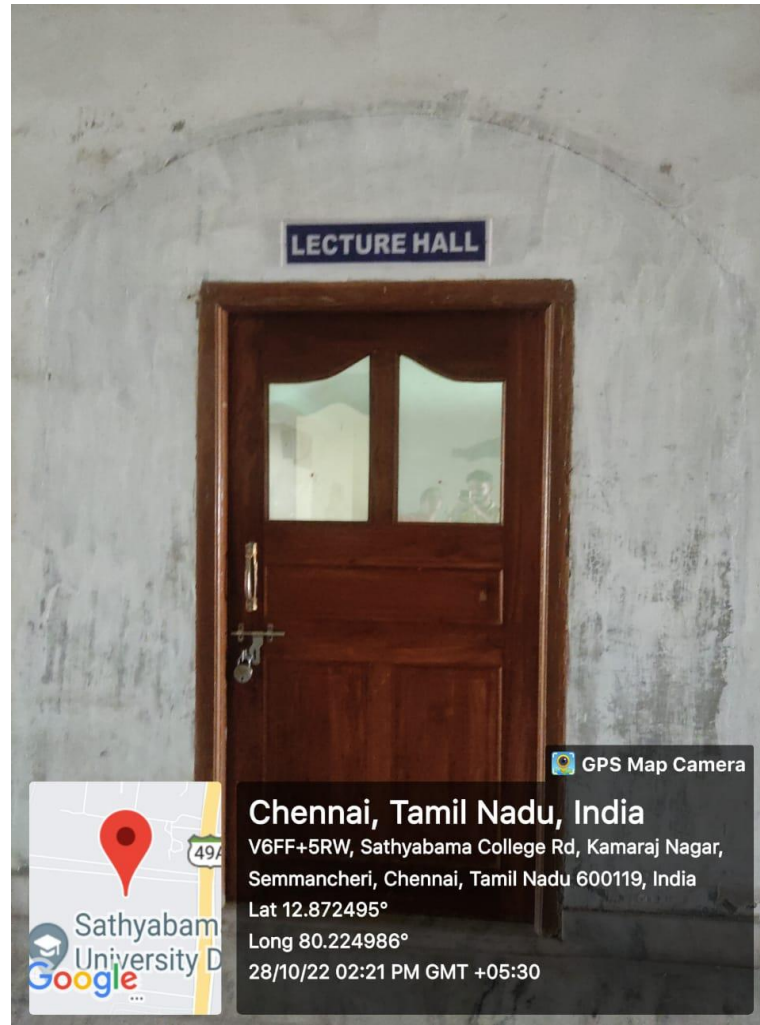
Lecture Hall with ICT Enabled Facility (LCD, LAN/ Wi-Fi)



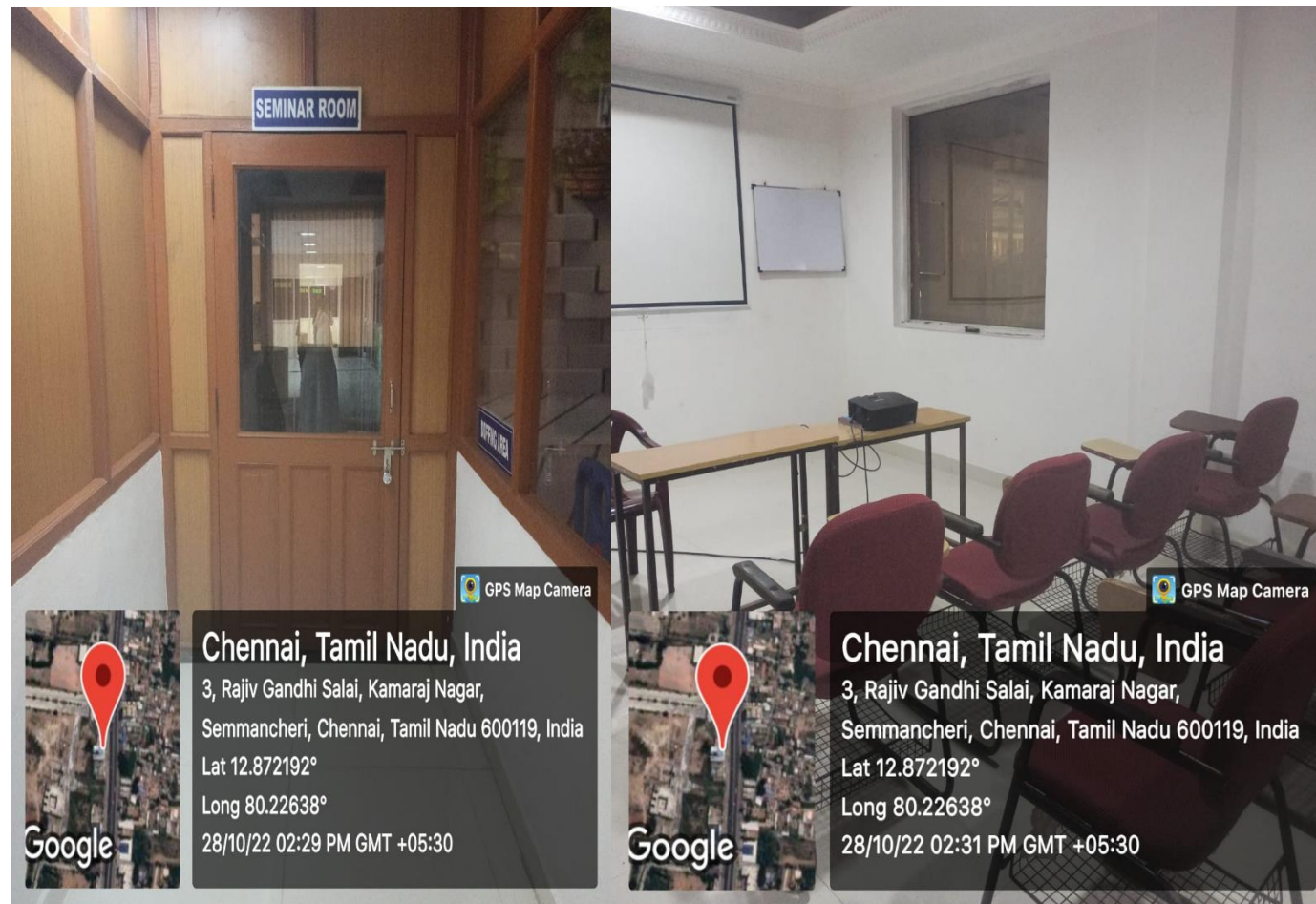
Lecture Hall with ICT Enabled Facility (LCD, LAN/ Wi-Fi)



Lecture Hall with ICT Enabled Facility (LCD, LAN/ Wi-Fi)



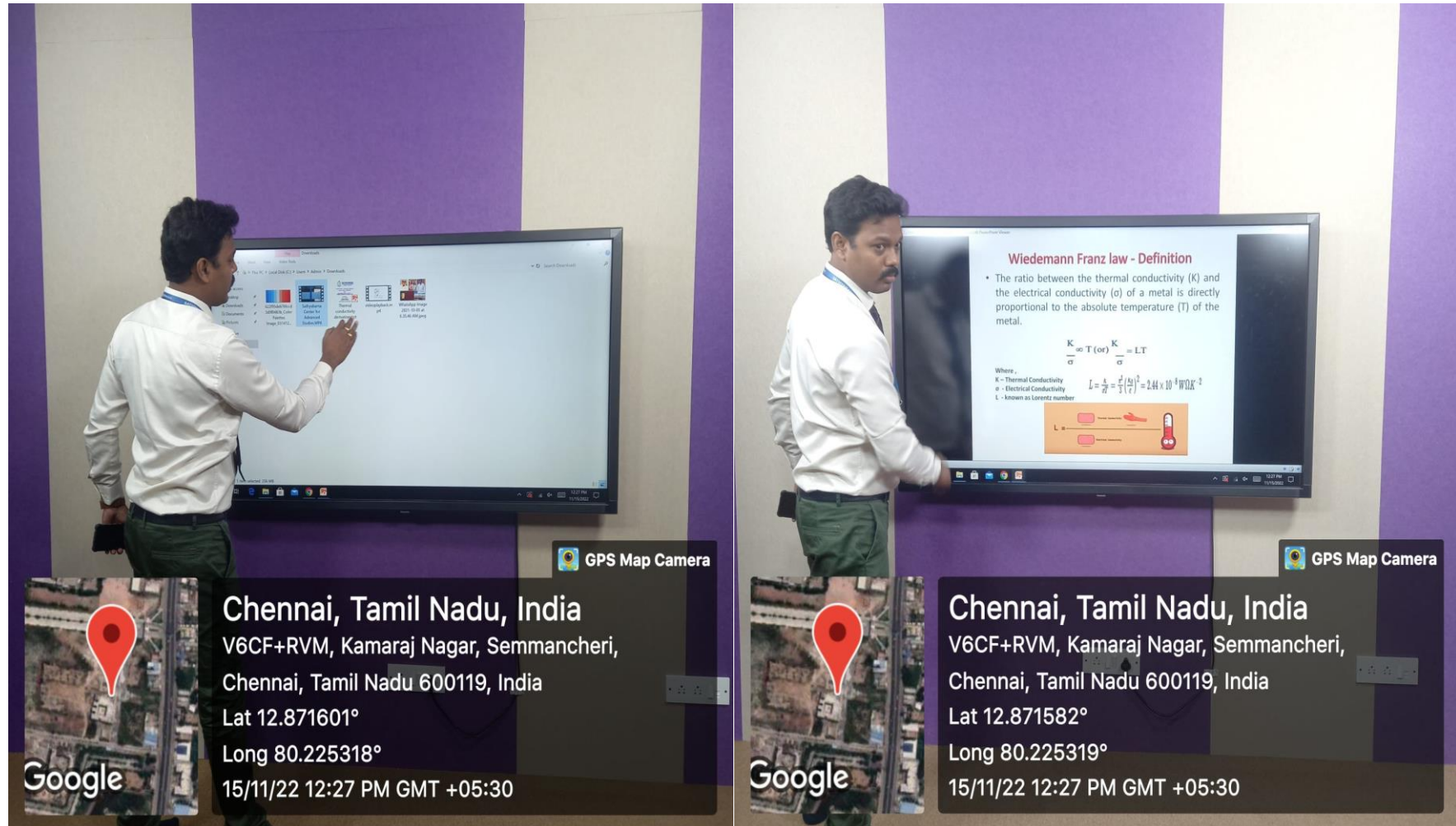
Seminar Room with ICT Enabled Facility (LCD, LAN/ Wi-Fi)



Seminar Room with ICT Enabled Facility (LCD, LAN/ Wi-Fi)

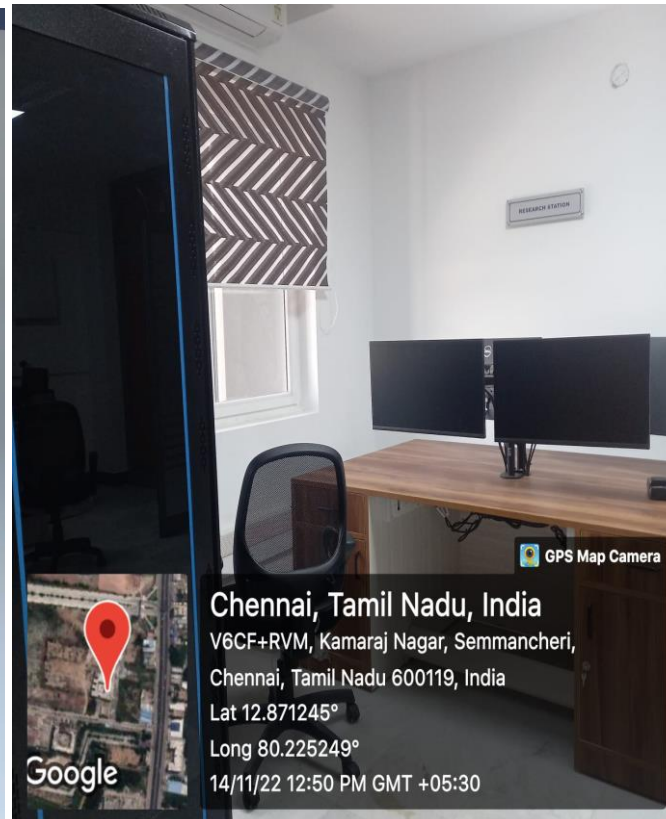


Interactive Board Facility

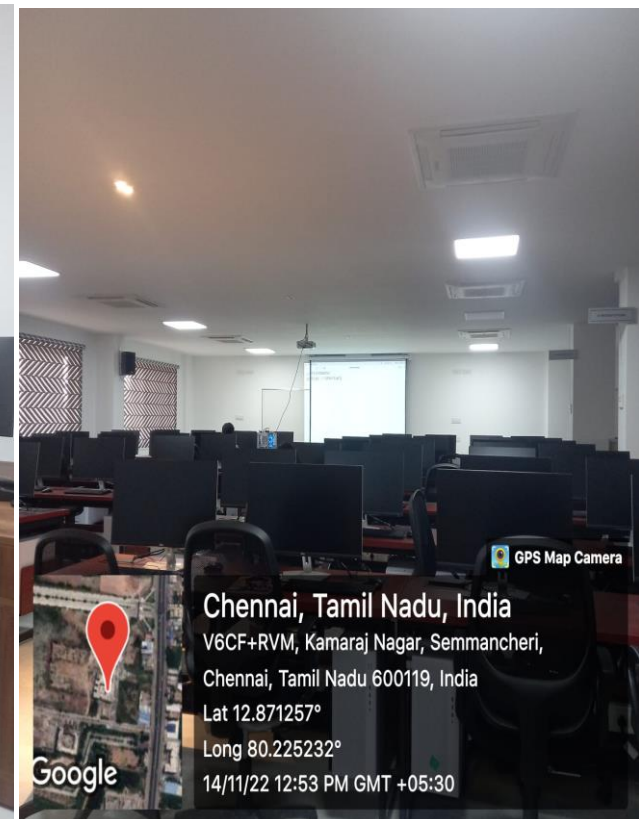


Computing Facilities

Research Station and Server



Workstations



Data Science Lab



Virtual Computing Lab



Cloud Computing Lab



Edge Computing Lab



GPS Map Camera

Chennai, Tamil Nadu, India

Ambrosia Apartment Block-G, AMBROSIA APARTMENT,
Camps Rd, Kamaraj Nagar, Semmancheri, Chennai, Tamil
Nadu 600119, India

Lat 12.87642°

Long 80.219535°

10/11/22 10:34 AM GMT +05:30



Media Centre

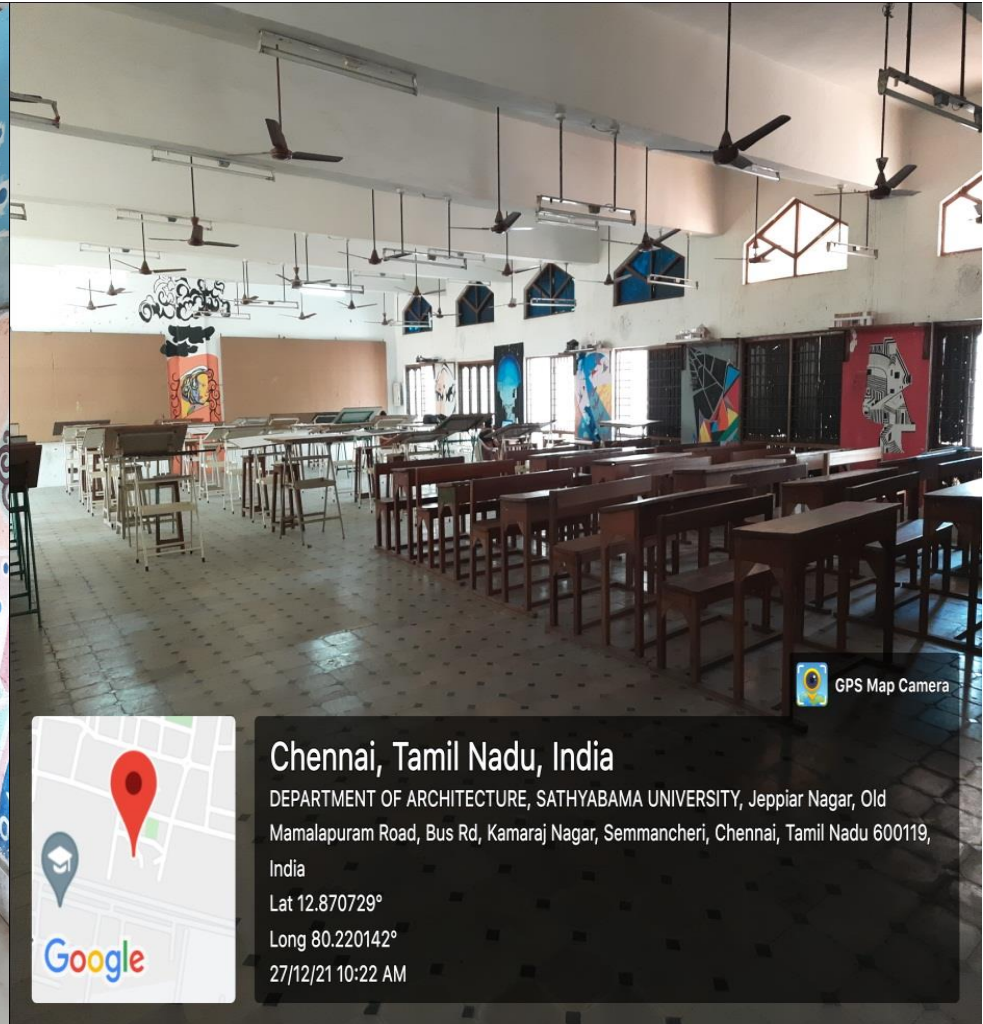
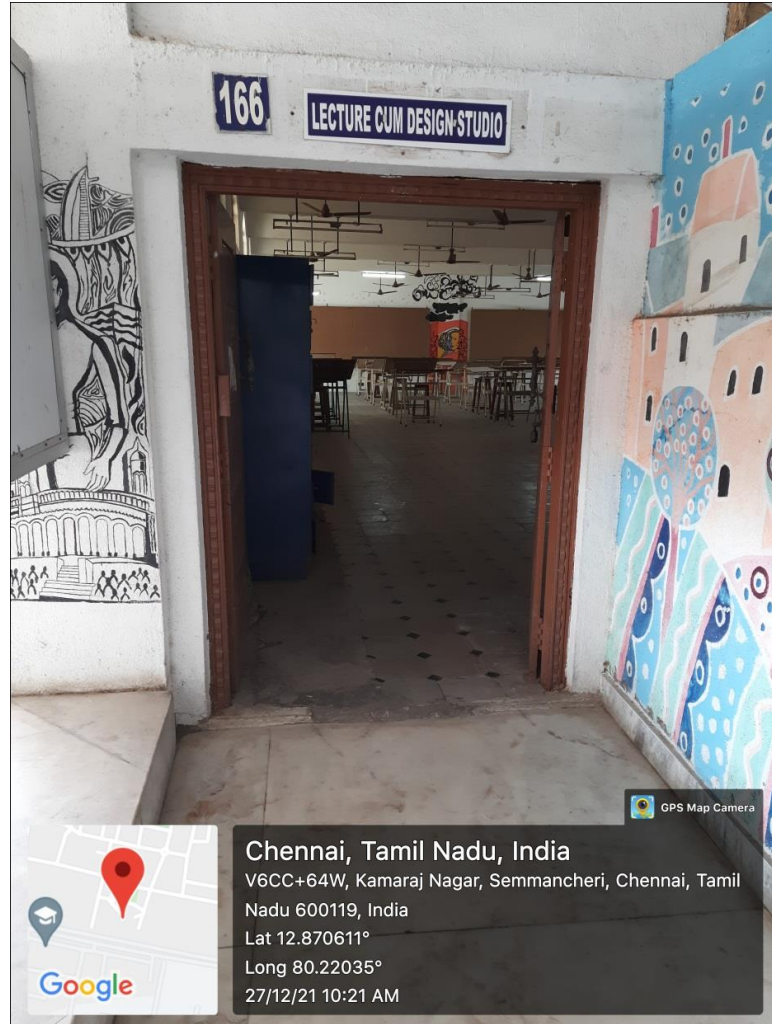


Moot Court

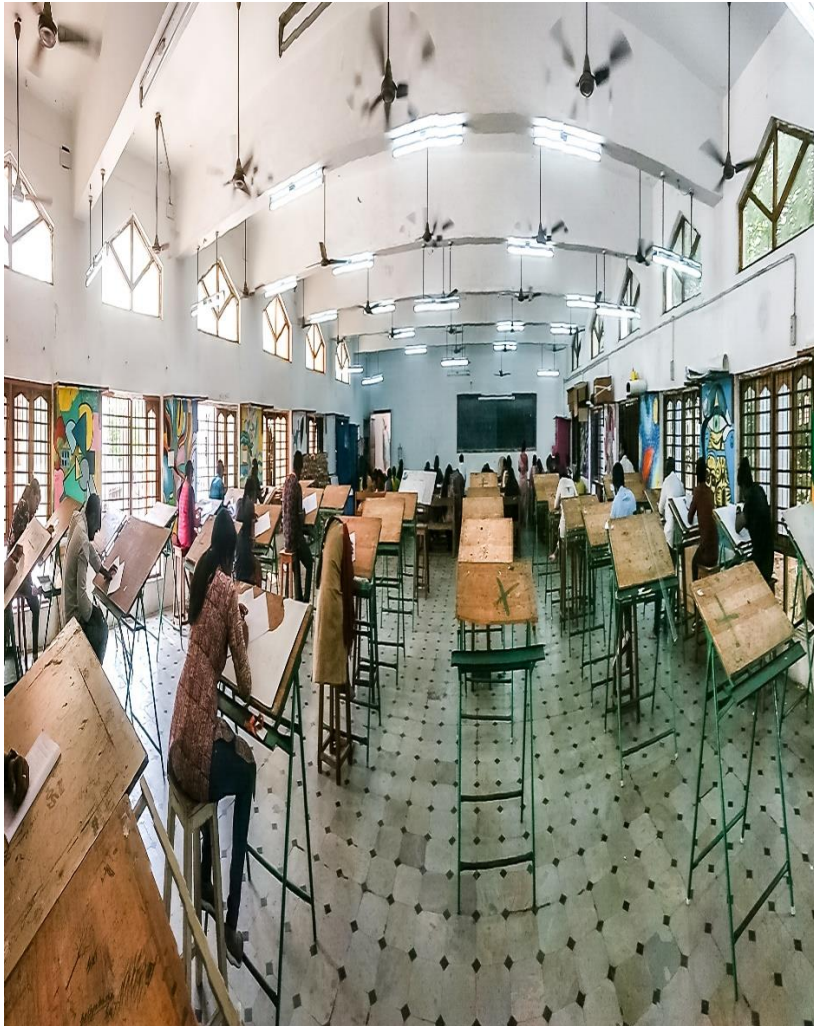


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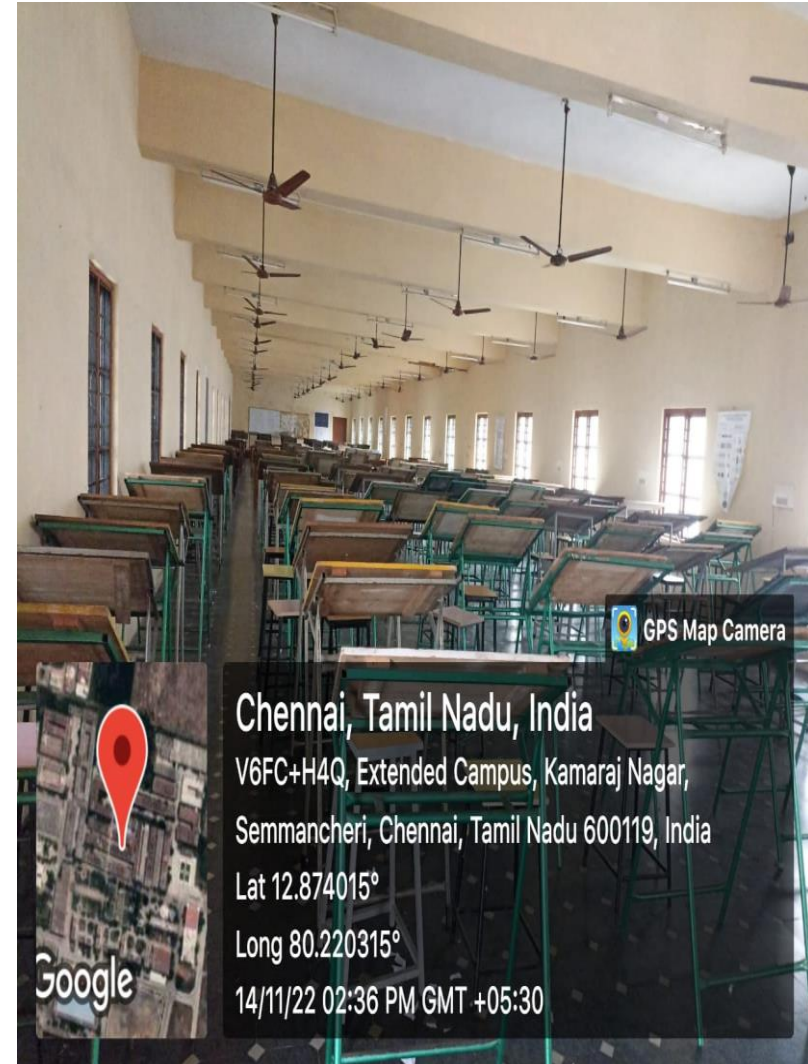
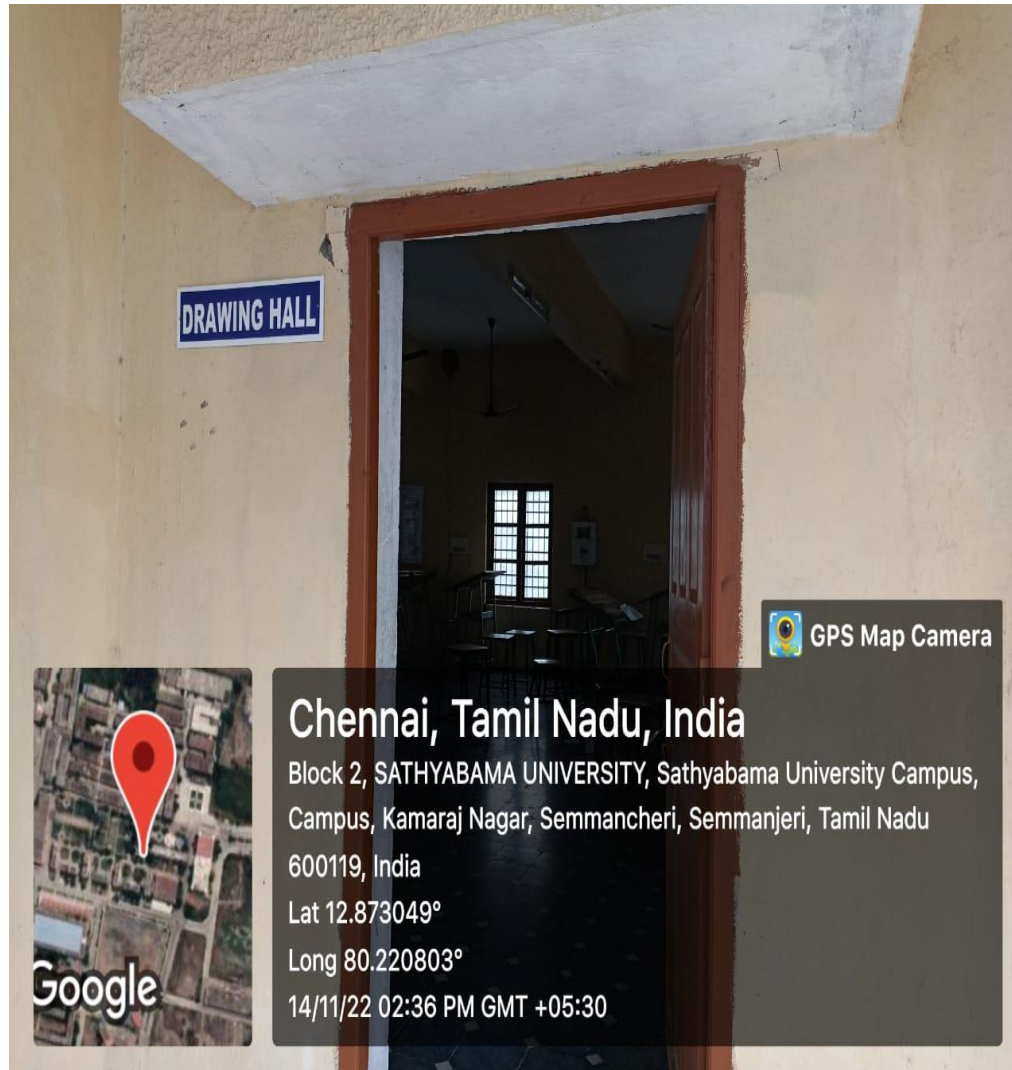
Lecture cum Design Studio



Lecture cum Design Studio



Drawing Hall



LIST OF LABORATORIES

S. No.	School / Centre	Name of the Lab
1.	School of Computing	Edge Computing Lab
2.	School of Computing	Virtual Computing Lab
3.	School of Computing	AI and Machine Learning Lab
4.	School of Computing	Mobile Application Development Lab
5.	School of Computing	Rich Internet Applications Lab
6.	School of Computing	Software Engineering Lab
7.	School of Computing	Networking Lab
8.	School of Computing	Data Structures Lab
9.	School of Computing	Computing Simulation Lab
10.	School of Computing	RDBMS Lab
11.	School of Computing	Programming Lab
12.	School of Computing	AI Supercomputing Lab
13.	School of Computing	Metaverse Studio
14.	School of Computing	DST FIST funded WSN and IoT Lab
15.	School of Computing	Data Science Lab (Center for excellence- Capgemini)
16.	School of Computing	DST FIST funded Cloud Computing Lab
17.	School of Computing	NEXTGEN Research lab
18.	School of Electrical and Electronics	Electronic Devices Laboratory-1

19.	School of Electrical and Electronics	Electronic Devices Laboratory-2
20.	School of Electrical and Electronics	Electronic Circuits Laboratory
21.	School of Electrical and Electronics	Computing & Simulation Laboratory-I
22.	School of Electrical and Electronics	Computing & Simulation Laboratory-II
23.	School of Electrical and Electronics	Digital Signal Processing Lab
24.	School of Electrical and Electronics	System Design Laboratory
25.	School of Electrical and Electronics	Analog Integrated Circuits Laboratory
26.	School of Electrical and Electronics	Communication Laboratory
27.	School of Electrical and Electronics	VLSI Design Laboratory
28.	School of Electrical and Electronics	Microwave & Microcontroller Laboratory-1
29.	School of Electrical and Electronics	Microwave & Microcontroller Laboratory-II
30.	School of Electrical and Electronics	Centre of Excellence on Embedded Programming & IC
31.	School of Electrical and Electronics	Centre for Advanced Electronic Test Engineering
32.	School of Electrical and Electronics	Amatuer Radio Station (HAM radio)
33.	School of Electrical and Electronics	Sathyabama NI LabVIEW Academy
34.	School of Electrical and Electronics	Electrical Machines Laboratory
35.	School of Electrical and Electronics	Power System Laboratory
36.	School of Electrical and Electronics	Circuits and Devices Laboratory
37.	School of Electrical and Electronics	Embedded System Laboratory
38.	School of Electrical and Electronics	Power Electronics Laboratory
39.	School of Electrical and Electronics	Texas Instruments innovation Laboratory

40.	School of Electrical and Electronics	Reverse Engineering Laboratory
41.	School of Electrical and Electronics	Electrical Drives Laboratory
42.	School of Electrical and Electronics	Centre of Energy
43.	School of Bio and Chemical	Molecular Biology Lab
44.	School of Bio and Chemical	Plant Tissue culture Lab
45.	School of Bio and Chemical	Bioprocess Lab
46.	School of Bio and Chemical	Animal Tissue culture Lab
47.	School of Bio and Chemical	Biochemistry Lab
48.	School of Bio and Chemical	Microbiology Lab
49.	School of Bio and Chemical	CBiRD Research Lab
50.	School of Bio and Chemical	Project Lab
51.	School of Bio and Chemical	Biosciences lab
52.	School of Bio and Chemical	Medical Electronics and Electronic Devices lab
53.	School of Bio and Chemical	Biotransducers and Digital Systems lab
54.	School of Bio and Chemical	Bioinstrumentation Lab
55.	School of Bio and Chemical	Biocomputing Lab
56.	School of Bio and Chemical	Molecular Modelling lab
57.	School of Bio and Chemical	Mass transfer Lab
58.	School of Bio and Chemical	Chemical reaction engineering lab
59.	School of Bio and Chemical	Mechanical operations lab
60.	School of Bio and Chemical	Technical analysis and Instrumentation lab

61.	School of Mechanical	Material Testing Lab
62.	School of Mechanical	Thermal Engineering Lab
63.	School of Mechanical	Fluid Mechanics and Machinery Lab
64.	School of Mechanical	Collaborative Product Design and Development Lab
65.	School of Mechanical	Dynamics Lab
66.	School of Mechanical	Computational Fluid Mechanics Lab
67.	School of Mechanical	Mechatronics and Simulation Lab
68.	School of Mechanical	Sensors and Instrumentation Lab
69.	School of Mechanical	Robotics Lab
70.	School of Mechanical	CAM Lab
71.	School of Mechanical	Aerodynamics LAB
72.	School of Mechanical	Supersonic wind tunnel lab
73.	School of Mechanical	Propulsion Lab
74.	School of Mechanical	Aircraft Structures Lab
75.	School of Mechanical	Aircraft Composites Lab
76.	School of Mechanical	Computation Lab
77.	School of Mechanical	Aircraft System and Maintenance Lab
78.	School of Mechanical	Aero Modelling and space lab
79.	School of Mechanical	Fuels and Lubricants Lab
80.	School of Mechanical	Automotive Electrical Lab
81.	School of Mechanical	Two and Three Wheeler Lab

82.	School of Mechanical	Automotive chassis and engine components Lab
83.	School of Mechanical	Vehicle Maintenance and Vehicle Reconditioning Lab
84.	School of Building and Environment	Environment Engineering Lab
85.	School of Building and Environment	Building Services Lab
86.	School of Building and Environment	CAAD Lab
87.	School of Building and Environment	Material Museum
88.	School of Building and Environment	Model Making Lab
89.	School of Building and Environment	Structural Engineering Lab
90.	School of Building and Environment	Strength of Materials Lab
91.	School of Building and Environment	Soil Mechanics Lab
92.	School of Building and Environment	Surveying Lab
93.	School of Building and Environment	Environmental Engineering Lab
94.	School of Building and Environment	Highway Engineering Lab
95.	School of Building and Environment	CAD Laboratory
96.	School of Building and Environment	Concrete Technology Laboratory
97.	School of Science and Humanities	Physics Lab
98.	School of Science and Humanities	DST-FIST Sponsored Material Science Lab

99.	School of Science and Humanities	Chemistry Lab
100.	School of Science and Humanities	Audio Work Station
101.	School of Science and Humanities	Voice Booth
102.	School of Science and Humanities	Video editing lab
103.	School of Science and Humanities	Television production lab
104.	School of Science and Humanities	Photography Studio
105.	School of Science and Humanities	Multimedia Lab
106.	School of Science and Humanities	Media Centre
107.	School of Science and Humanities	Psychology Lab
108.	School of Management Studies	Computer Lab - 1
109.	School of Management Studies	Computer Lab - 2
110.	School of Management Studies	Computer Lab - 3
111.	School of Management Studies	Computer Lab – 4
112.	School of Law	Moot Court
113.	School of Dental Sciences	Histopathology Lab
114.	School of Dental Sciences	Pedodontics UG Clinic
115.	School of Dental Sciences	Pedodontics PG Clinic
116.	School of Dental Sciences	Biochemistry Lab
117.	School of Dental Sciences	Biochemistry Instrumentation Lab
118.	School of Dental Sciences	Microbiology Lab
119.	School of Dental Sciences	General Pathology Lab

120.	School of Dental Sciences	Endodontics UG Preclinical Lab
121.	School of Dental Sciences	Endodontics PG Preclinical Lab
122.	School of Dental Sciences	Endodontics Wet Lab
123.	School of Dental Sciences	Endodontics Ceramic Lab
124.	School of Dental Sciences	Anatomy Histology Lab
125.	School of Dental Sciences	Anatomy Cadaver Demonstration Lab
126.	School of Dental Sciences	Anatomy Museum
127.	School of Dental Sciences	Physiology Hematology Lab
128.	School of Dental Sciences	Physiology Clinical Lab
129.	School of Dental Sciences	Pharmacology Lab
130.	School of Dental Sciences	Public Health Dentistry Clinical Area
131.	School of Dental Sciences	Dental Museum
132.	School of Dental Sciences	3 Peripheral Centres
133.	School of Dental Sciences	Oral Medicine and Radiology Clinical Area
134.	School of Dental Sciences	Oral Maxillofacial Surgery Clinical Area
135.	School of Dental Sciences	Orthodontics PG Lab
136.	School of Dental Sciences	Orthodontics UG Lab
137.	School of Dental Sciences	Periodontics Clinical Area
138.	School of Dental Sciences	Prosthodontics Casting Lab
139.	School of Dental Sciences	Prosthodontics Ceramic Lab
140.	School of Dental Sciences	Prosthodontics Dry Lab

141.	School of Dental Sciences	Prosthodontics Phantom Lab
142.	School of Dental Sciences	Prosthodontics Preclinical Lab
143.	School of Dental Sciences	Prosthodontics Dental Materials Lab
144.	School of Pharmacy	Pharmaceutical Chemistry-I Lab
145.	School of Pharmacy	Pharmaceutical Chemistry-II Lab
146.	School of Pharmacy	Pharmaceutics Lab-I
147.	School of Pharmacy	Pharmaceutics Lab-II
148.	School of Pharmacy	Pharmaceutics Lab-III
149.	School of Pharmacy	Pharmacognosy Lab-I
150.	School of Pharmacy	Pharmacognosy Lab-II
151.	School of Pharmacy	Pharmacology (HAP) Lab-I
152.	School of Pharmacy	Pharmacology Lab-II
153.	School of Pharmacy	Pharmacology Lab-III (Pharmacy Practice)
154.	School of Pharmacy	Pharmaceutical Analysis- Lab
155.	School of Pharmacy	Pharmaceutical Biotechnology Lab
156.	School of Pharmacy	Machine Room
157.	School of Pharmacy	Store Room
158.	School of Nursing	Nursing Foundation Lab
159.	School of Nursing	Nutrition Lab
160.	School of Nursing	Maternal and Child Health Nursing Lab
161.	School of Nursing	Community Health Nursing Lab

162.	School of Nursing	Advanced Nursing Lab
163.	Centre for Nanoscience and Nanotechnology	Advanced Characterization Facility (HRSTEM, FESEM, XRD)
164.	Centre for Nanoscience and Nanotechnology	Raman Spectroscopy Lab
165.	Centre for Nanoscience and Nanotechnology	Chemical Lab
166.	Centre for Nanoscience and Nanotechnology	XRD lab
167.	Centre for Nanoscience and Nanotechnology	FESEM lab
168.	Centre for Nanoscience and Nanotechnology	AFM lab
169.	Centre for Nanoscience and Nanotechnology	Molecular Nanaomedicine Research Unit
170.	Centre for Nanoscience and Nanotechnology	Soft Matter Lab
171.	Centre for Nanoscience and Nanotechnology	Surface Physics Lab
172.	Centre for Nanoscience and Nanotechnology	Material testing lab
173.	Centre for Nanoscience and Nanotechnology	Chemical lab
174.	Centre for Nanoscience and Nanotechnology	Nutrition Physiology lab
175.	Centre for Nanoscience and Nanotechnology	Cement and Concrete lab
176.	Centre for Nanoscience and Nanotechnology	Bio-fouling lab

177.	Centre for Waste Management	Biofuels Lab
178.	Centre for Waste Management	Fermentation and Bio processing
179.	Centre for Waste Management	Quality Testing and Analysis Lab
180.	Centre for Climate Change Studies	Marine Algal Culture Lab
181.	Centre for Climate Change Studies	Experimental Aquaculture Lab
182.	Center for Energy Research	Photovoltaic lab
183.	Center for Energy Research	Energy Materials Lab
184.	Centre for Advanced Studies	Drone and Robotics Experimentarium
185.	Centre for Advanced Studies - Makerspace	Tissue Engineering Lab
186.	Centre for Advanced Studies - Makerspace	Material Testing Lab
187.	Centre for Advanced Studies - Makerspace	Chemical Processing Lab
188.	Centre for Additive Manufacturing	Design Lab
189.	Centre for Additive Manufacturing	FAB Lab
190.	Centre for Additive Manufacturing	Post Processing Lab
191.	Centre for Nanoscience and Nanotechnology	Analytical Spectroscopy

192.	Centre for Molecular Nano Medicine	Fermentation and Bioprocessing Lab
193.	Centre for Molecular Nano Medicine	Functional Genomics Lab
194.	Centre for Molecular Nano Medicine	Neuroscience Lab
195.	Centre for Molecular Nano Medicine	Zebrafish facility
196.	Centre for Molecular Nano Medicine	Bio separation Facility
197.	Centre for Molecular and Nanomedical Sciences	Cell Culture and Molecular Biology Lab
198.	Centre for Molecular and Nanomedical Sciences	Invitro Organ Culture Lab
199.	Centre for Molecular and Nanomedical Sciences	Earthworm Culture and rearing Lab
200.	Centre for Molecular and Nanomedical Sciences	Regeneration and Stem Cell Biology Lab
201.	Centre for Remote Sensing	Remote Sensing and GIS La
202.	Centre for Quality Assurance and Nondestructive Evaluation	Non-destructive Testing lab
203.	Centre for Laboratory Animal Technology and Research	Animal Facility Room
204.	Centre for Laboratory Animal Technology and Research	Operation Theatre
205.	Centre for Laboratory Animal Technology and Research	Biochemistry Lab
206.	Centre for Laboratory Animal Technology and Research	Pharmacology Lab

207.	Centre for Laboratory Animal Technology and Research	Biomaterials Lab
208.	Centre for Laboratory Animal Technology and Research	Microbiology Lab
209.	Centre for Laboratory Animal Technology and Research	Invitro Lab
210.	Centre for Laboratory Animal Technology and Research	Behavioral Study Lab
211.	Centre for Laboratory Animal Technology and Research	Molecular Lab
212.	Technology Business Incubator	Advanced Prototyping Space
213.	Technology Business Incubator	Bioproducts Lab.
214.	Technology Business Incubator	Macroalgal Lab
215.	Center for Ocean Research	Mass spectroscopy lab
216.	Center for Ocean Research	Microscopy lab
217.	Center for Ocean Research	Genomics and Proteomics lab
218.	Center for Ocean Research	Fish cell line culture lab
219.	Center for Ocean Research	Biofermentation lab
220.	Center for Ocean Research	Microbiology lab
221.	Center for Ocean Research	Biofouling lab

222.	Center for Ocean Research	Halophyte invitro propagation lab
223.	Center for Ocean Research	General Analytical lab
224.	Center for Ocean Research	Instrumentation lab
225.	Center for Ocean Research	Marine biotechnology lab
226.	Center for Ocean Research	Post-harvest lab
227.	Center for Ocean Research	Materials Chemistry lab
228.	Center for Ocean Research	Macro algal by-product lab
229.	Center for Ocean Research	Bioproduct lab
230.	Center for Ocean Research	Col. Dr. Jeppiar Ocean Research Field Facility
231.	Centre for Earth and Atmospheric Sciences	Atmospheric Science Lab

Links:

Laboratories: <https://www.sathyabama.ac.in/sites/default/files/2022-12/Laboratories.pdf>

Major Equipment: <https://www.sathyabama.ac.in/sites/default/files/2022-11/Major%20Equipments%20%282%29.pdf>

Classrooms/ Seminar Halls:

<https://www.sathyabama.ac.in/sites/default/files/2022-11/4.3.1%20ICT%20Enabled%20Classrooms%20and%20Seminar%20Halla.pdf>

<https://sist.sathyabama.ac.in/download/iqac/ICT%20enabled%20Class%20Rooms%20-%20Centre%20for%20Advanced%20Studies%20and%20St.Pauls%20Block.pdf>

