



-: Criterion 4: - Infrastructure & Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT infrastructure, facilities for cultural and sports activities, gymnasium, yoga centre etc. in the institution:



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4.1. Physical facilities

4.1.1 List of number of classrooms, library, sports room, laboratories and seminar hall

SR NO.	CLASS ROOMS	LOCATION		YEAR OF ESTABLISHMENT
		Floor	Number	
1.	Seminar Hall	Ground Floor	---	2004-05
2.	Class room	2 nd	203	2004-05
3.	Class room	2 nd	206	2004-05
4.	Class room	2 nd	207	2004-05
5.	Class room	3 rd	305	2004-05
6.	Class room	3 rd	306	2004-05
7.	Class room	4 th	403	2004-05
8.	Class room	4 th	406	2004-05
9.	Class room	5 th	505	2021-22
10.	Class room	5 th	506	2021-22
11.	Class room	5 th	507	2021-22
12.	Library	3 rd	301	2004-05
13.	Admin office	4 th	401	2004-05
14.	Staff room	4 th	402	2004-05
15.	Exam room	4 th	404	2004-05
16.	H.O.D cabin	4 th	405	2004-05
17.	Machine room	Ground Floor	01 02	2004-05
18.	Animal House	2 nd	205	2004-05
19.	Sports room/Gymkhana	7 th	711	2004-05
20.	Store room	3 rd	307	2004-05



21.	Computer room	4 th	411	2004-05
22.	Pharm. Chemistry Lab-I	2 nd	209	2004-05
23.	Pharm. Analysis Lab-I	2 nd	210	2004-05
24.	Pharmacology Lab-I	2 nd	211	2004-05
25.	Pharmaceutics Lab-I	2 nd	212	2004-05
26.	Central Instrument Lab	3 rd	304	2004-05
27.	Pharm. Chemistry Lab-II	3 rd	308	2004-05
28.	Pharmaceutics Lab-II	3 rd	309	2004-05
29.	Pharmacognosy Lab	3 rd	310	2004-05
30.	Pharmacology Lab-II	4 th	407	2004-05
31.	M. Pharm QA Lab	4 th	408	2004-05
32.	M. Pharm Pharmaceutics Lab-I	4 th	409	2004-05
33.	M. Pharm Pharmaceutics Lab-II	4 th	410	2004-05
34.	Boys common room	4 th	412	2004-05
35.	Girls common room	5 th	513	2004-05

**4.1.1 User rate of sports room and seminar hall:**

Sr. No.	Room	Location	Area (sq. mtrs.)	User rate
1	Sports room/Gymkhana	7 th	87.79	Daily
2	Seminar Hall	Ground floor	126.34	Avg. 12 events every year

**LIST OF INSTRUMENTS/EQUIPMENTS**

Sr. No	Name of Instruments/Equipments	QTY.	Make	Model
1	Ampoule sealing machine	01	Microlab	-
2	Magnetic stirrer 500 ml & 1 Litr capacity	09	Remi Microlab	-
3	Tablet coating machine	02	Microlab Inst Thiacoater	
4	Ball mill	01	Microlab	
5	Double cone blender	01	Microlab	S01
6	Autoclave	02	Microlab	GH10
7	Steam distillation still	01	-	-
8	Vacuum pump	Centralised	-	-
9	Tablet punching machine (Manual)	01	Microlab	-
10	Capsule filling machine	01	Dolphin	-
11	Ampoules washing machine	02	Microlab	-
12	Tablet Disintegration apparatus	02	Expo-Hi-Tech Dolphin	-
13	Hardness tester	09	Expo	ELC.66
14	Friability test apparatus	03	Veego Dolphin Vinsyst Tech	VFT-2D
15	Clarity test apparatus	02	Microlab Inst	-
16	Digital pH meter	05	Systonic Toshcon PCI Analytics	GDE19 BI 111
17	Bulk density	02	Pragati Scientist Expo- Hi-Tech	-
18	Hot plate	09	Remi Microlab	-
19	Humidity Chambers	02	Dolphin	-



20	Tray dryer	01	Microlab	-
21	Spray Dryer	01	JISL	-
22	Water bath	02	Dolphin	-
23	Ointment filling machine	01	-	-
24	Capsule counter	02	Microlab	-
25	Tablet counter	01	Microlab	-
26	Homoginizer	01	Sam Engineering & Fabricators	LEQ-HC-0707-05
27	Digital balance	07	Phoenix Wensar Contech Accuratio	Aniso
28	Microscope	37	Wetzon Bombay Micolab Inst	-
29	Brookfileld viscometer	01	Brookfield	LVDV-11+Pro
30	Sieve Shaker Machine	01	Expo-Hi-Tech	-
31	Grinding Machine	01	Microlab	-
32	Mechanical Stirrer	20	Remi	-
33	Ultra Sonicator	02	Kromtech India	K.I-1.5 K.I-2
34	8 Stn Compression Machine	01	Karnavatti Engg.	Minipress-2
35	Franz Diffusion cell	01	Orchid Scientific	FDCO-8
36	Hot Air Oven	-	Micro Lab Expo	EHT-169
37	Tablet Dissolution test apparatus	04	Veego 6 stn Veego 8 stn Vincat 8 stn	VDA-6D



38	Filtration assembly	01	-	-
39	Helipath Stand	01	Brookfield	D-220
40	Refrigerator	02	Whirlpool Croma	0216
41	Vaccum Distillator	01	-	-
42	Centrifuge	04	Biolab Microlab	BL150RS
43	Beadmill	01	JISL	Rotomate-II
44	Lyophiliser	01	Labnics Inst	LED100-A
45	Vertical Deep Freezer	01	Classic Scientific	-
46	Probe Sonicator	01	Electosonic Industries	EI-250UP
47	Vortex Minture	03	Dolphin Vinsyst Microlab	1180
48	Sperodizer Extruder	01	Bhairav	-
49	Rotary Vaccum Evaporater	01	SUPERFIT	R/190
50	Verniar Calliber (Digital)	02	Ocean	Absolute Digimate
51	Verniar Calliber (Manual)	05	Ocean	-
52	Peristaltic Pump	01	-	LEQ-HC-030-18
53	Speradibility Test Apparatus	01	Raj Chemicals	-
54	Compressor	01	Delta	SBTY2H
55	Tube Crimping Machine	02	Rajesh Chemicals	-
56	Conical Mill	01	Gansons	-
57	Orbital Shaker	02	Pragati Lab Labtop	R/1-90
58	Heating Mantle	02	Dolphin	-
59	Triple Beam Balance	03	Veego	-



60	Sensitive Electronic Balance	01	Wensar	-
Pharmaceutical Chemistry & Q.A.Department				
Sr. No	Name of Instruments/Equipments	QTY.	Make	Model
61	Analytical Balance	05	Microlab	-
62	Hot Air Oven	02	ExpoHitech Biotechnic India	A/7981
63	Distillation Plant	02	Microlab	
64	pH Meter	01	Equiptronics	EQ610
65	Electronic Water Bath	01	Microlab	-
66	Electronic Balance	03	Contech	-
67	Fuming Hood	01	Godrej	-
68	Hot Plate	01	Microlab	-
69	Heating Mantle	06	ExpoHitech	-
70	U.V. Cabinet	02	ExpoHitech	-
71	Colorimeter	02	Equiptronics	Pathocal652 EQ650
72	Emergency Shower & Eye wash unit	01	Microlab	-
73	Deep Freezer (Horizontal)	01	Bluestar	CHF100C
74	Magnetic Stirrer	05	Equiptronics	EQ770
75	Melting point Apparatus	01	K.J Entp	-
76	Microwave Oven	01	Catalyst Engg	CATA-R
77	HPLC (Isocratic)	01	Shimadzu	SPD-20A
78	HPLC (Gradient)	01	Shimadzu	LC-2030
79	HPTLC	01	Camag	Linomat-5



80	Flame Photometer	01	Systronic	128
81	U.V Spectrophotometer	01	Shimadzu	1800
82	U.V Spectrophotometer	01	Shimadzu	1900
83	F.T.I.R	01	Jassco	FT/IR-0000
84	Hydraulic Pallette Press	01	Kimaya Engg.	-
85	Photoflurometer	01	Systronic	152
86	Ion Exchange	01	K.J Entp	-
87	H.P.L.C Water Maker	01	Ion Exchange India LTD	Indian Lab Q Ultra
88	Bath Sonicator	01	-	-
89	Turbidimeter	01	Microlab	EQ811
90	Micro Pipette	06	Perfect Anti Pipette Lab Line	-
91	Karl Fisher Tirator	01	Microlab Inst	-
92	Conductivity Meter	01	Testronics	15
93	Potentiometer	01	Equiptronics	EQ609
94	Arsenic Limit Test Apparatus	01	-	-
95	Digital Polarimeter	01	Abrigo	EQ801
96	Refractometer	02	-	-
97	Vacuum pump	Centralised	-	-

**Pharmacognosy Department**

Sr. No	Name of Instruments/Equipments	QTY.	Make	Model
98	Autoclave	01	Microlab Inst	GH10
99	Camera Lucida	47	Microlab Inst Amazon	-
100	Compound Microscope	34	Microlab Inst Nilpa Consultancy	-
101	Colony Counter	01	Microlab Inst	-
102	Colorimeter	02	Microlab Inst Equiptronics	EQ658
103	Digital Electronic Balance	02	Labmen Scientific Wensar	PGB205 PGB505
104	Digital pH Meter	01	Microlab	MLWB06
105	Microtome	01	Nilpa Consultancy	-
106	Heating Mantle	15	Microlab Inst K.J Entp	-
107	Vacuum pump	Centralised	-	-
108	Hot Air Oven	01	Microlab Inst	-
109	Hot Plate	01	Microlab	-
110	Incinerator	01	Microlab Inst	-
111	Muffle Furnace	01	Microlab Inst	EHT119
112	Mixer Grinder	02	Natraj Trading	JP1290
113	Moisture Balance	01	Omega Inst	ME200C
114	Projection Microscope	01	Microlab Inst	-
115	Simple Microscope	07	Microlab Inst	-
116	Binocular Microscope	01	Micron	-
117	Verniar Calliber	02	Labmen Scientific Inst	-
118	Zone Reader	01	Microlab Inst	-

Pharmacology Department



Sr. No	Name of Instruments/Equipment's	QTY.	Make	Model
119	Digital Electronic Balance	02	Wensar	-
120	Microscope	22	Microlab Instr.	-
121	PH meter	02	Testronic	-
123	Kymograph Machine	39	Inco	E-8-REC-DRUM
124	Histamine Chamber	01	Microlab Inst	-
125	Centrifuge Machine	01	Microlab Inst	-
126	Electro Convulsimeter	01	Microlab Inst	-
127	Pole Climbing Apparatus	01	Microlab Inst	-
128	Actophotometer	01	Microlab Inst	-
129	Rota Rod	01	Omega Inst	-
130	Micro Pipette	04	Microlab Inst	-
131	Analgesiometer	01	Dolphin	-
132	Plethysmograph	01	Dolphin	-
133	Muscle Stimulator	01	K.J Entp	-
134	Muscle Electrode	01	K.J Entp	-
135	Lucas Moist Chamber	01	Dolphin	-
136	Organ Bath	10	Rajesh Chemco	-
137	Motic Digital Microscope	01	Swastik Life Science	DMBI-ASC-B
138	Inverted Microscope	01	Metzer Biomedical	-
139	Spirometer	01	Dolphin	-
140	Myographic Lever	01	Dolphin	-
141	Sphygmomanmeter	16	Dolphin	-
142	Refrigerator	01	Haier	SH223



143	Stethoscope	11	Dolphin	-
144	Students Physiograph	01	Rajesh Chemicals	-
145	Elevated Plus Maze	01	VJ Inst	-
146	Water Maze	01	VJ Inst	VJMWM-MR-150
147	Y Maze	01	VJ Inst	VJYM-01R
148	CO2 Incubator	01	Thermal Fischer	-
149	CO2 Cylinder	01	Mauli Fire Safety	-
150	Digital Thermometer	20	Easy Care	-
151	Digital Weighing Balance	01	Easy Care	-
152	Vacuum pump	Centralised	-	-
153	Glucometer	01	Accu Check	-

**Pharmaceutical Microbiology Department**

Sr. No	Name of Instruments/Equipments	QTY.	Make	Model
154	B.O.D Incubator	01	Innovative	DTC-968
155	Laminar Air Flow	01	Microlab	ST/6/81
156	Colony Couter	01	Microlab	-
157	Incubator	01	Expo	E.H.T-10
158	Centrifuge Machine	01	Biolab	BL-135D
159	Clarity Test Apparatus	02	-	-
160	Compressor	03	-	-
161	Refrigerator	01	Godrej	GDE19B1
162	Gel Electrophoresis	01	Systronics	-
163	Digital Electronic Balance	03	Wensar	Aniso:201
164	Microscope	20	Nilpa Consultancy	-
165	Micro Pipette	03	Kroma Tech	-
166	Oscilloscope	01	EZ	05-5020
167	Vacuum pump	Centralised	-	-



OCP ANIMAL HOUSE Reg. No. 1464/PO/Re/S/11/CPCSEA

Oriental College of Pharmacy, has developed the state-of-the-art animal facility to conduct preclinical experiments using various animals like Mice, Rats, Guinea Pig, Rabbits. The facility has been constructed in accordance with the Committee for the Control and Supervision of Experiments on Animals (CCSEA) guidelines and is registered (Reg. No. 1464/PO/Re/S/11/CPCSEA) for experiments on animals under CCSEA, Ministry of Environment & Forests (Animal Welfare Division), Government of India.

The air-conditioned facility is located on 2nd floor of College and has a total built up area of about 60 square meters. Various functional areas like a separate Quarantine area, store room, wash area, animal housing areas and experimental/ dosage area are present. Facility for housing different species in different rooms is available. Experimentation area is equipped with instruments required for surgery and euthanasia.

• **Dimensions of various areas of animal house are as follows:**

Total AREA: - 641.75 SQ. FT

Sr No.	Area	Dimensions In Sq.
1.	Wash Area	61.32
2.	Store Room	74.04
3.	Quarantine Room	51.21
4.	Passage	4'-9"
5.	Animal Room: 01	102.63
6.	Animal Room: 02	72.91
7.	Experimental Room	79.34
8.	Passage	5'-9"

• **Washing facilities and sanitation conditions:** Required washing facilities and sanitation conditions are maintained as per guidelines. Cages are washed in separate wash area. To maintain personnel hygiene, the autoclaved aprons, disposable masks, disposable foot covers and disposable caps are available. Floor and walls are cleaned with disinfectant routinely.



- Disposal of animals after experimentation as per norms: SOP is in place for Disposal of animals after experimentation. Institute has outsourced services of Mumbai Waste management as per bio medical waste (M&H) as per the Rules & Guidelines-MPCB for the disposal of bio medical waste.

- Air conditioning/handling/circulation/facilities: There are two air conditioners fitted in the facility

- **Projects:**

At our animal house we have successfully completed projects (preclinical experiments) for some industries in collaborative research practice. Very routinely our animal house is utilized for M. Pharm research projects of our students.

- **Projects Undertaken/ can be undertaken at Animal House:**

1. Evaluation of Anti-inflammatory activity
2. Evaluation of CNS/neuropharmacological activities
3. Evaluation of Antimalarial activity
4. Toxicity testing by Dermal, Oral, parenteral route of administration
5. Evaluation of Skeletal Muscle relaxant activity
6. Pharmacokinetic Evaluation
7. Ex vivo permeation studies
8. Antifertility studies
9. Anti-hyperlipidaemia /anti-obesity and antidiabetic studies

In addition to above mentioned experiments, other experiments can be performed after getting the IAEC approval

Geotag photo of Principal cabin with ICT enabled facilities



Geotag photo of Board Room with ICT enabled facilities

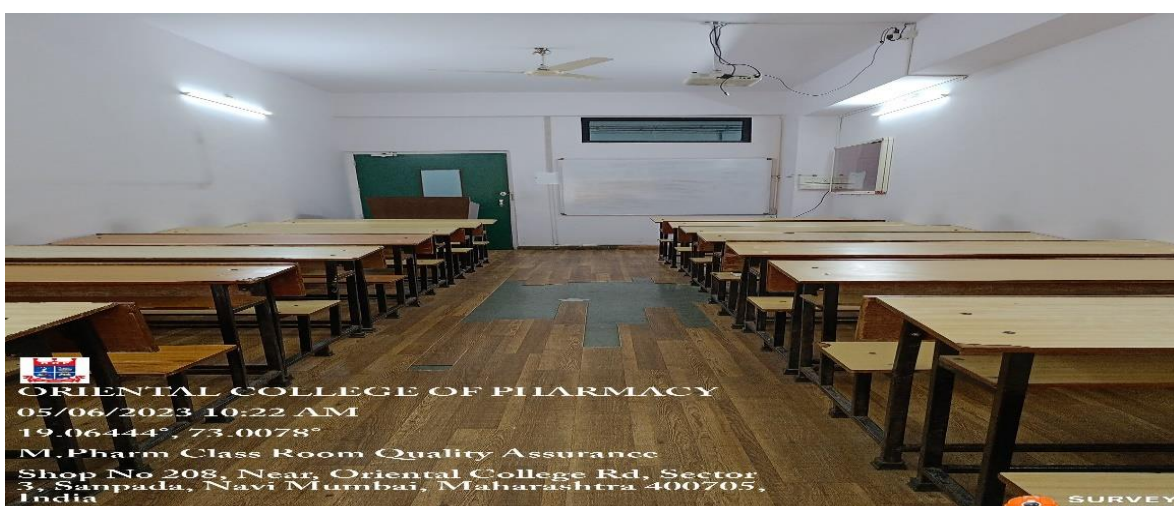
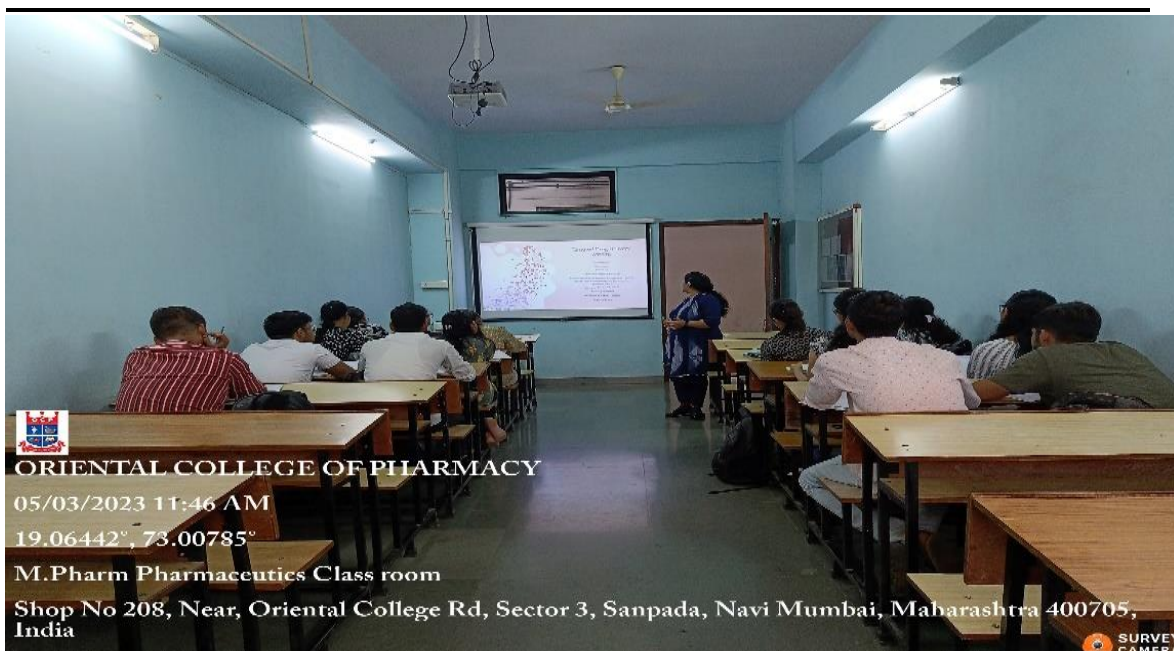


Geotag photo of Board Room with ICT enabled facilities:

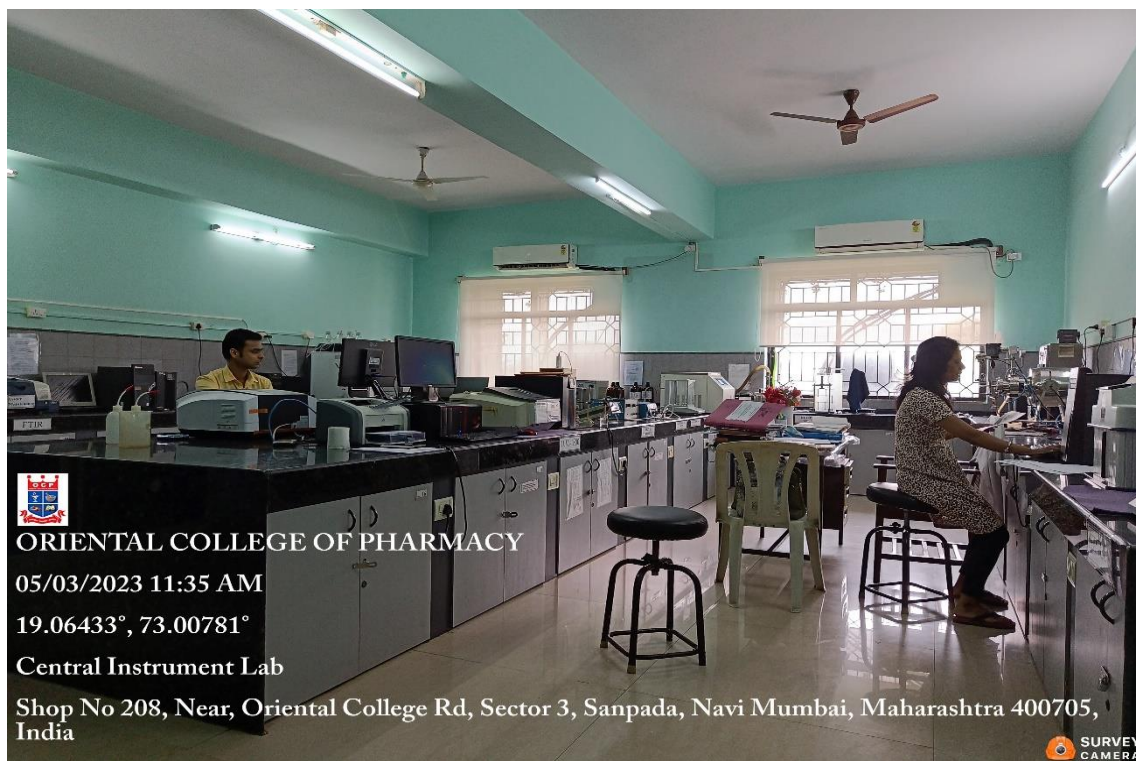


4.1.1 Geotag photos of smart classroom.

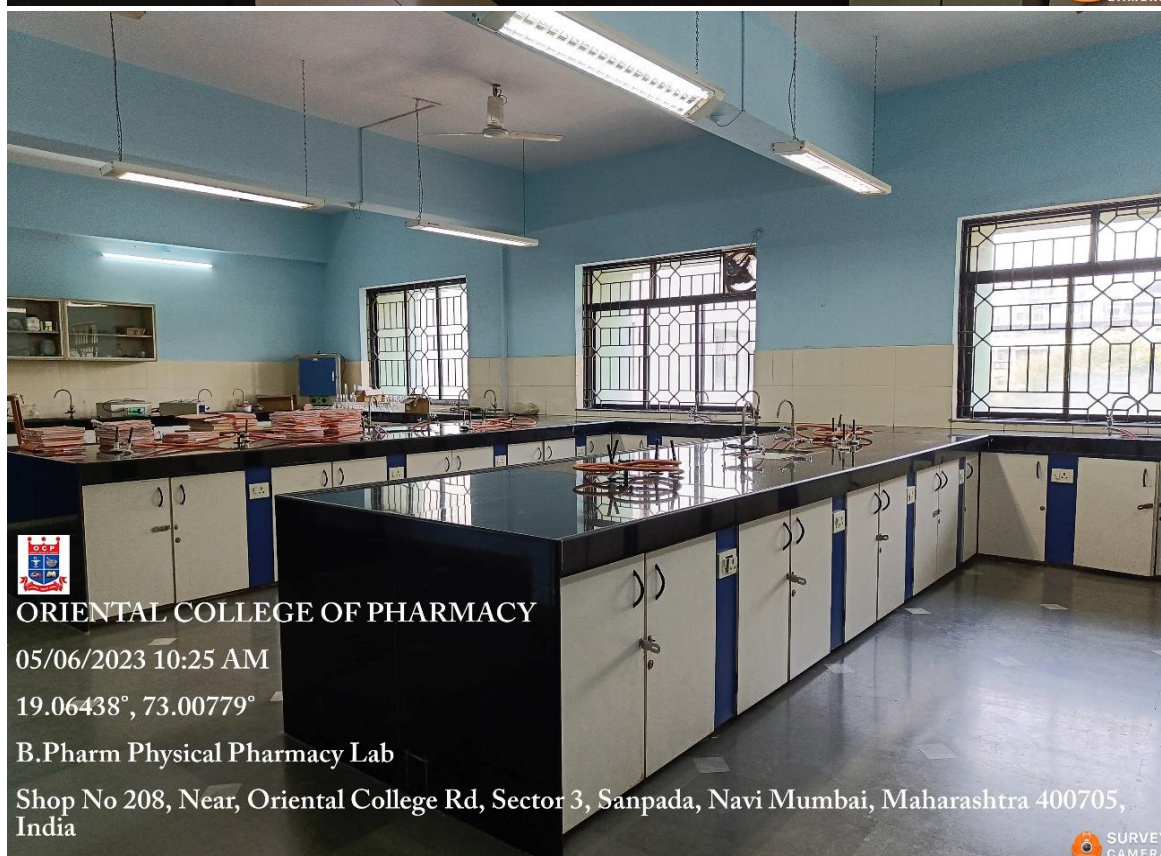




4.1.1 Geotag photos of Laboratories



4.1.1 Geotag photos of Labs.



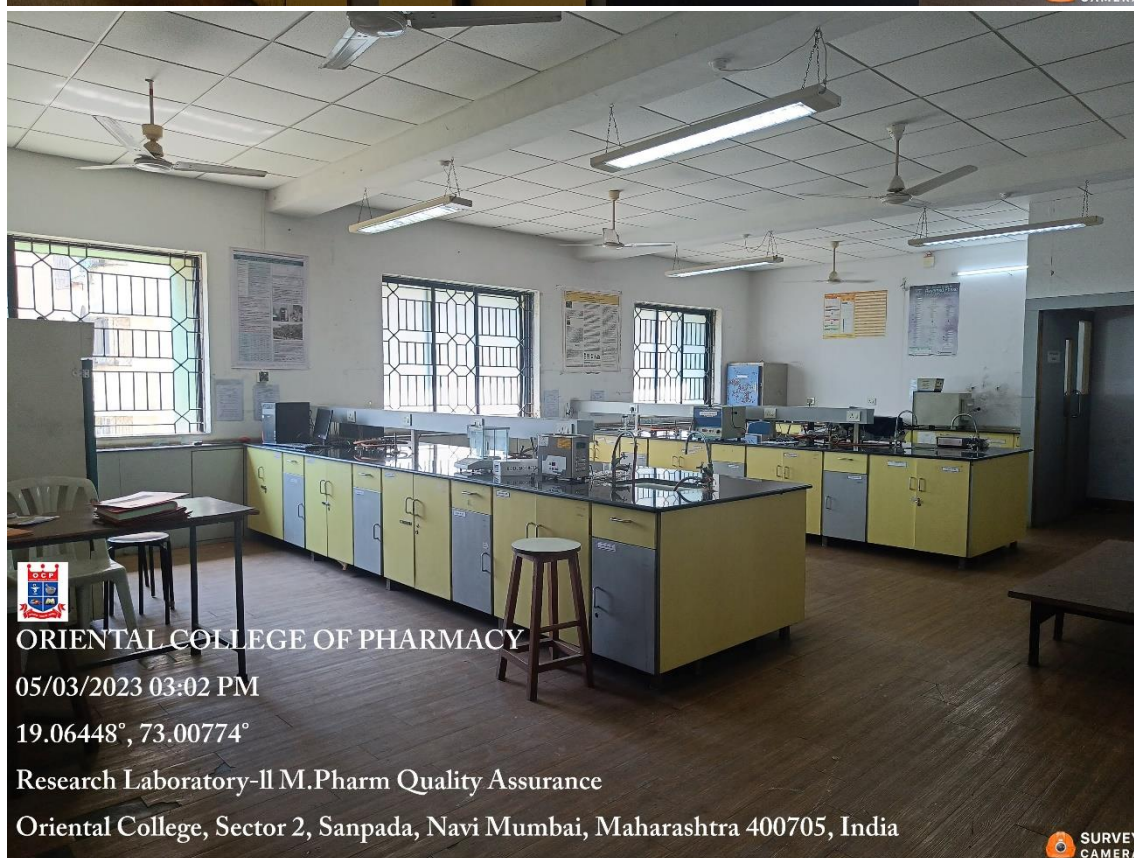
4.1.1 Geotag photos of Labs.



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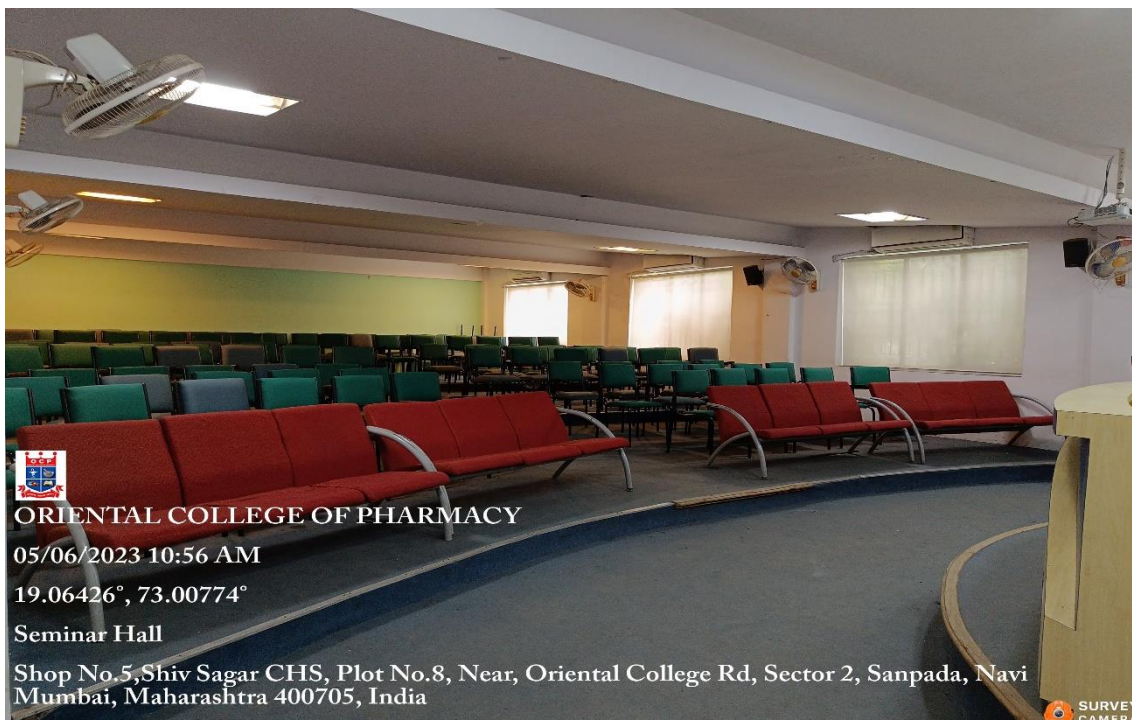
4.1.1 Geotag photos of Labs.



4.1.1 Geotag photos of Labs.



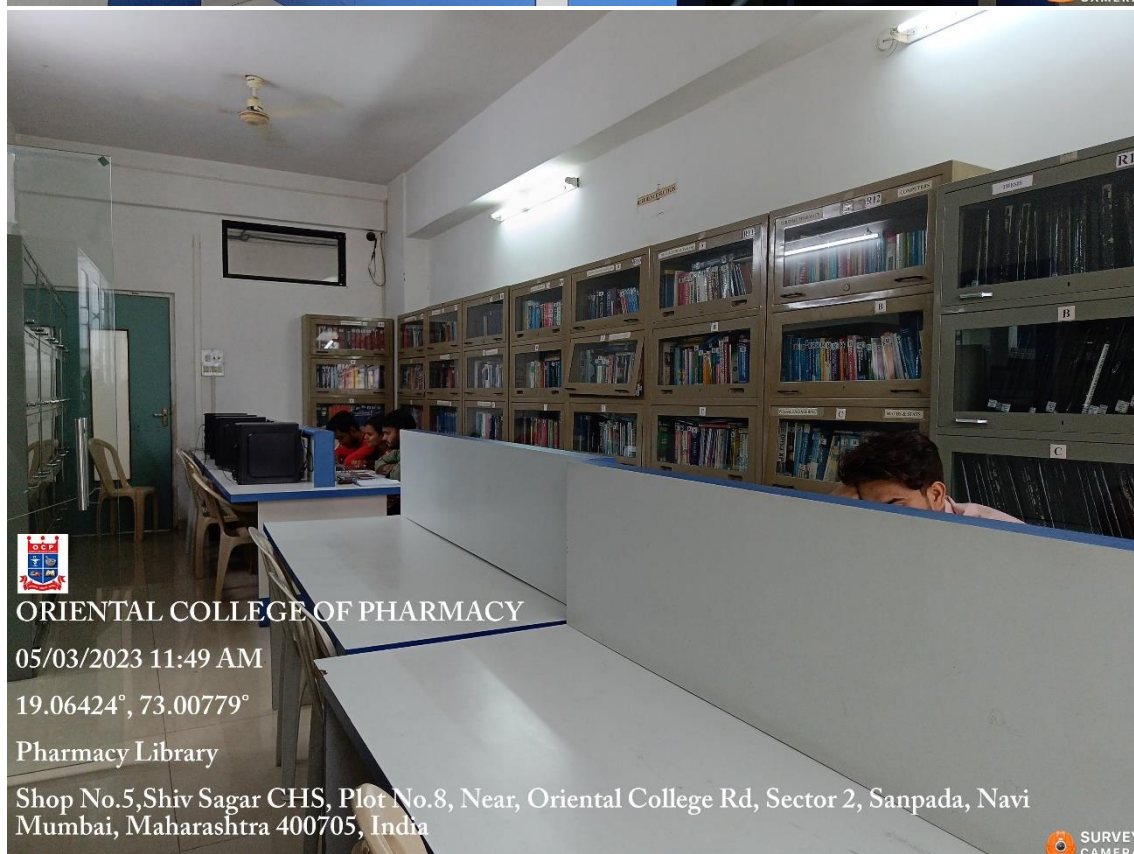
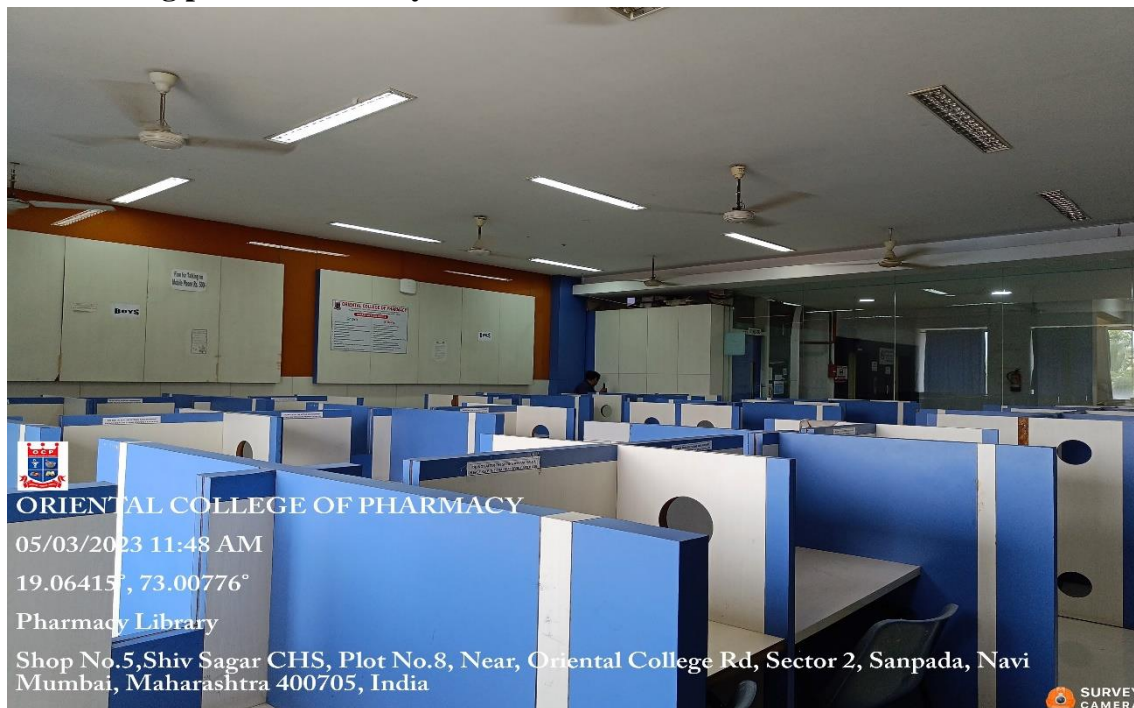
4.1.1 Geotag photos of Seminar hall.



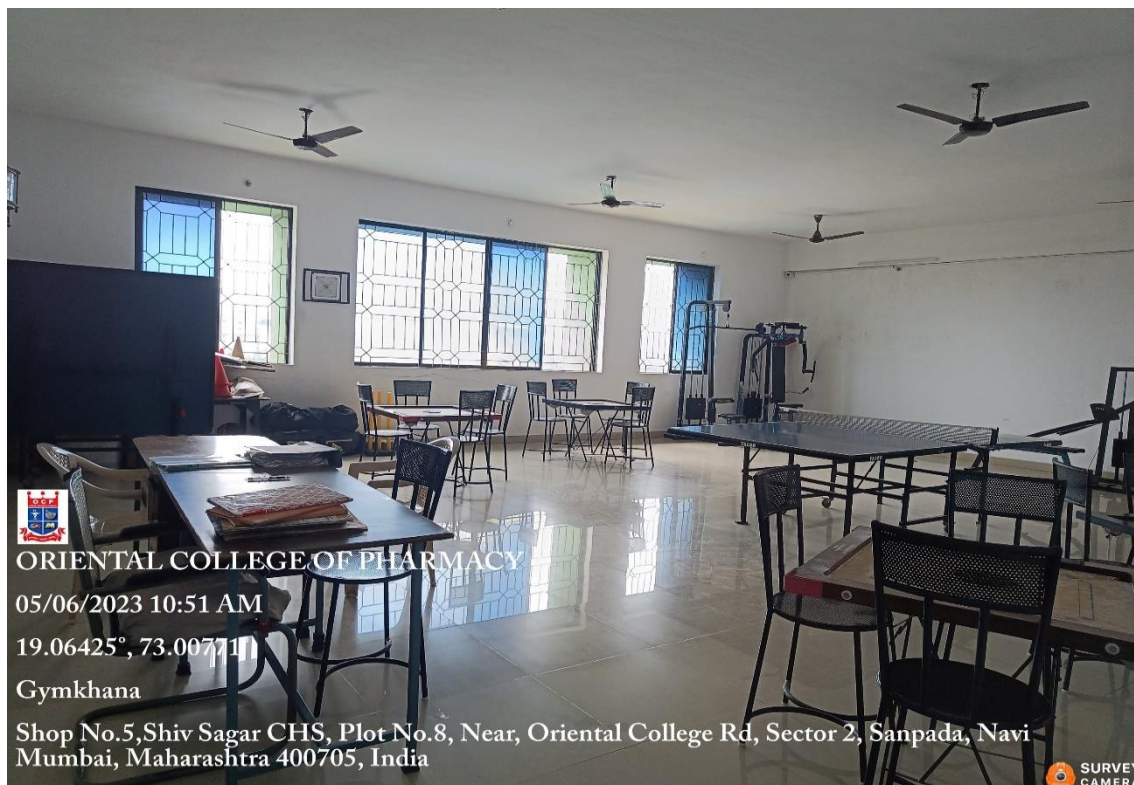
4.1.1 Geotag photos of Animal House.



4.1.1 Geotag photos of Library.



4.1.1 Geotag photos of Gymkhana/Sports room.



4.1.1 Geotag photos of Store room.





4.1.1 Geotag photos of Computer room.



ORIENTAL COLLEGE OF PHARMACY

05/03/2023 02:55 PM

19.06422°, 73.00774°

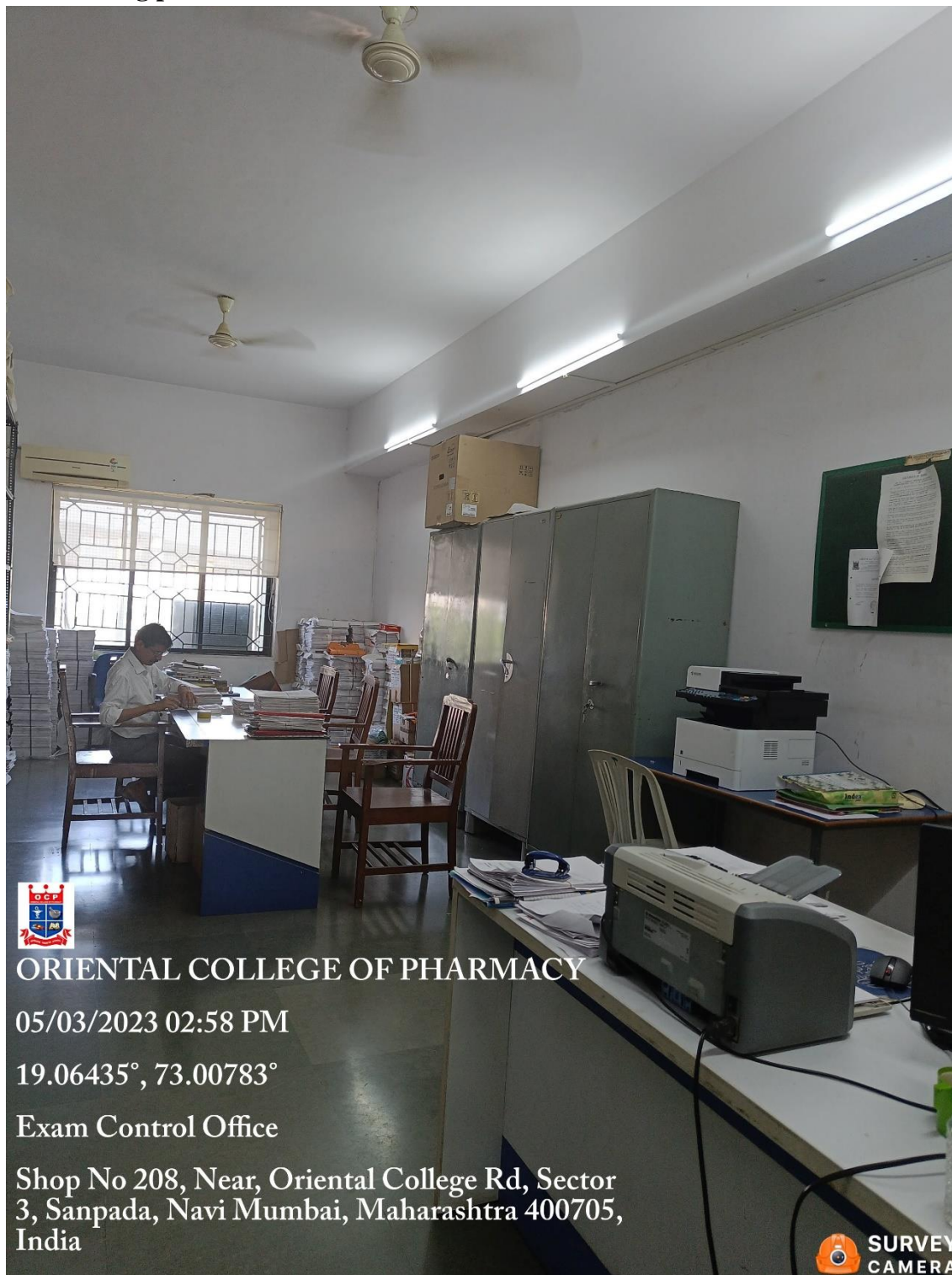
Computer Room

Shop No.5, Shiv Sagar CHS, Plot No.8, Near, Oriental College Rd, Sector 2, Sanpada, Navi Mumbai, Maharashtra 400705, India



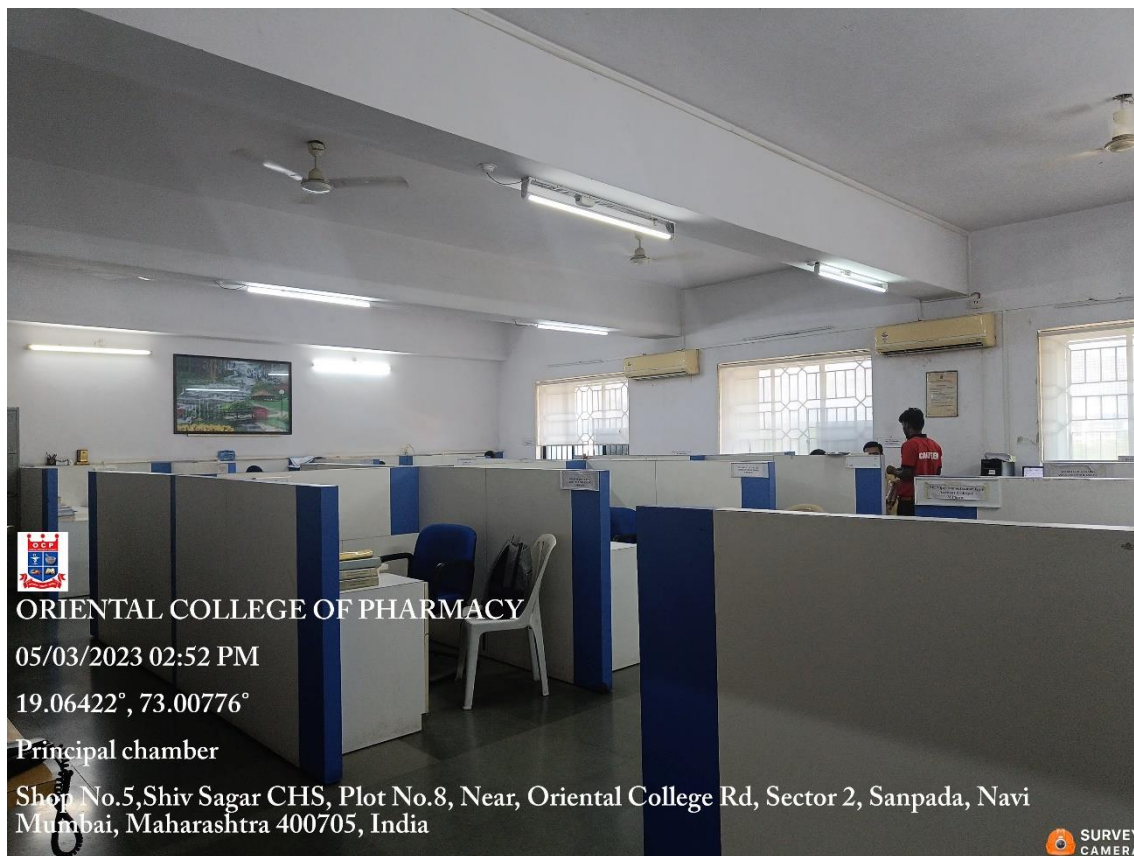


4.1.1 Geotag photos of Exam room.





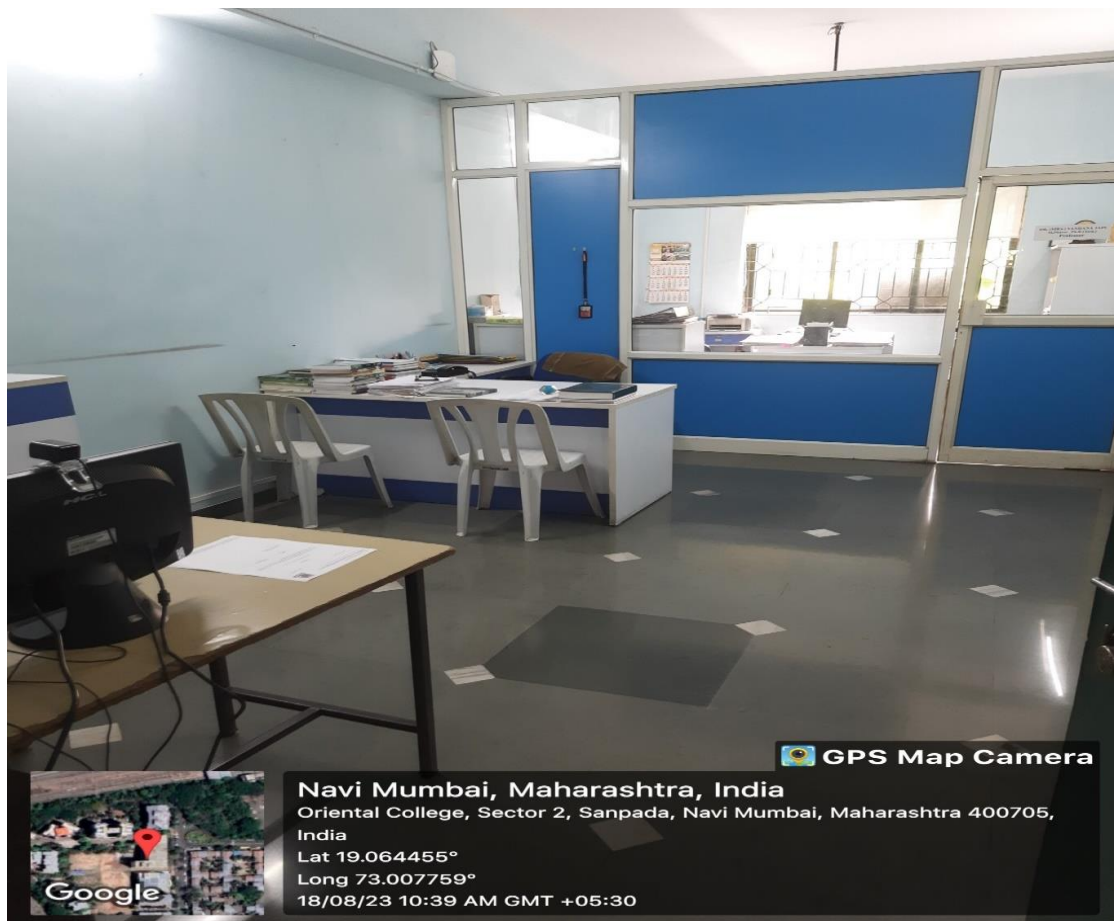
4.1.1 Geotag photos of Staff room.



4.1.1 Geotag photos of admin office.



Geotag photo of HOD's cabin with ICT enabled facilities





4.1.1

The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

- Institution has adequate facilities for sports, games (indoor games, outdoor), gymnasium.
- Institution has necessary amenities for various outdoor games like Cricket Kit, Volleyball & Football, etc & along with this well-equipped gymnasium Hall for indoor games like chess, Table tennis, carrom, etc.
- A well-equipped Seminar Hall with air cooling, a Stage with seating arrangements with dice, and Whiteboard with a projector.
- Institution provides necessary infrastructural support to celebrate various competitions and functions such as Annual Social Gathering, Freshers Day, and Farewell, etc.
- Well-equipped gymkhana with Treadmill, Chest press & shoulder press, etc.
- Yoga activities for students & faculties are carried out on college premises as per seating arrangements.
- Free & unlimited access to all these facilities and activities for students & staff members.

Available infrastructure for Indoor and Outdoor sports

Sr. No.	Facility available	Area/Size Sq. Ft.	Year of Establishment
1.	Sports Ground (outdoor games)	4730,230 sqm	2003
2.	Indoor games (Carom, Chess, Badminton)	87.79 sqm	2003
3.	Gymnasium	87.79 sqm (945 sqft)	2003

**Available Facilities**

Sr. No.	Sports Facilities	Particulars	Quantity
1.	Cricket Kit	Cricket kit set (ball, bat, gloves, pads, stumps, etc.)	24,3,4,6
2.	Basket Ball	Ball	4
3.	Football	Ball, Net	4,2
4.	Badminton	Rackets, shuttle	4, 2 box
5.	Carrom	Carrom board, sticker, coin set	04,04,02
6.	Chess	Chessboard	6 set
7.	Table Tennis	Table tennis board, bats, balls, net	02, 18, 02

Cultural activities:

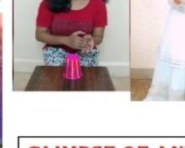
Sr. No.	Cultural activities held in the organization	Events
1.	Competitions at Faculty Level	Poster making, Painting, Rangoli etc
2.	Competitions at Institute Level	Essay, GK Quiz-Oral, Fine arts.
3.	Youth festival (Competitions outside Institute)	Poster making, Rangoli, Quiz.
4.	Cultural, DLLE, PHO, Unity Day, National Education Day etc.	Food donation, blood donation.
5.	Cultural & competition on Founders Day, Convocation Day, Republic Day, and Conferences. Etc.	Dancing, Greeting cards, songs etc.



Sr. No.	Facilities	Details	Events
1.	Open Stage	Open Stage & Pandal Decoration as and when required	Annual social gathering, other day celebration, Singing competition.
2.	Seminar Hall	Equipped with projector & white board	For conducting events like fresher parties, Teachers Day, and Guest Lectures.

Cultural activities photos





GLIMPSE OF ANNUAL DAY 2020-21

Geotag photos of OCP sports ground





Navi Mumbai India

Shop No.5, Shiv Sagar CHS, Plot No.8, Near,
Oriental College Rd, Sector 2, Sanpada, Navi
Mumbai, Maharashtra 400705, India

August 4, 2023

Latitude 19.0641986 **GMT** -20 m 10:21 am
Longitude 73.007736 **Local Time** 15:51 pm



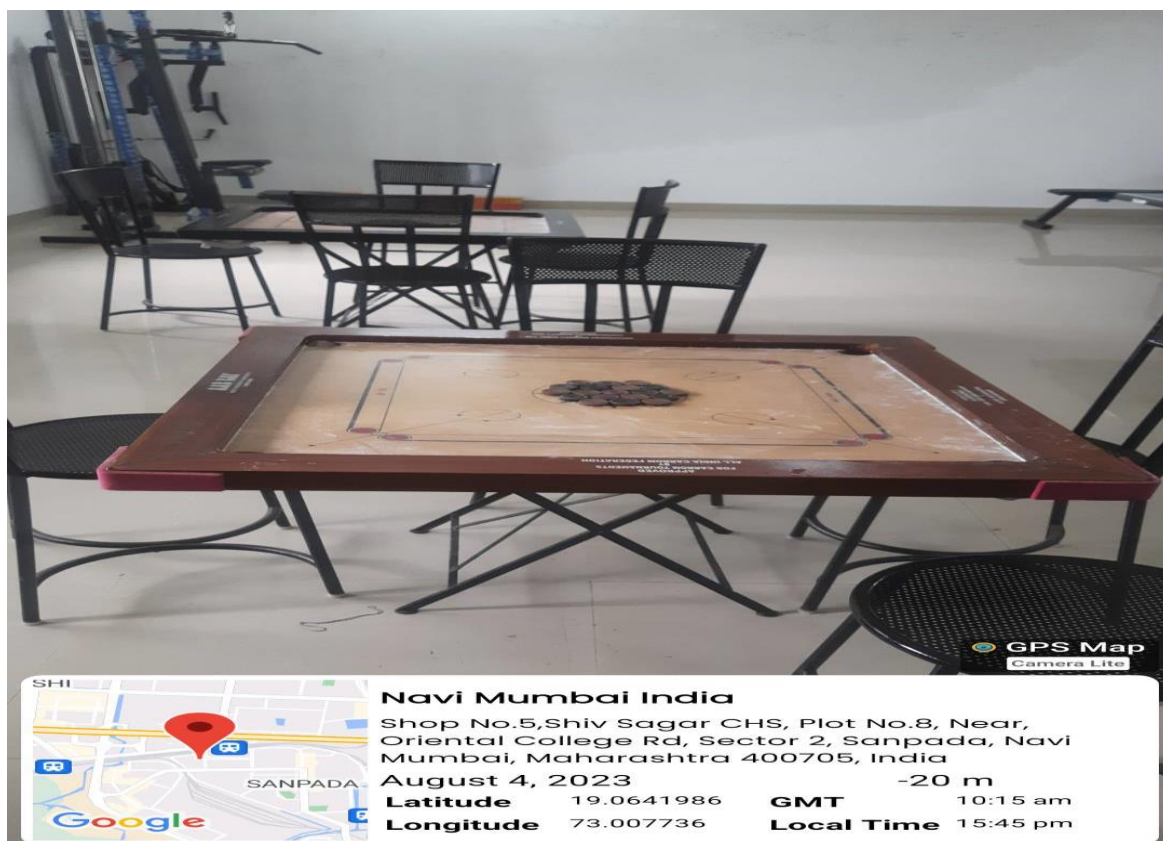
Navi Mumbai India

Shop No.5, Shiv Sagar CHS, Plot No.8, Near,
Oriental College Rd, Sector 2, Sanpada, Navi
Mumbai, Maharashtra 400705, India

August 4, 2023

Latitude 19.0641986 **GMT** -20 m 10:25 am
Longitude 73.007736 **Local Time** 15:55 pm

Geotag photos of Indoor sports rooms





Photos of Yoga





Photos of Seminar Hall

