



R. C. Patel Educational Trust's
R. C. Patel Arts, Commerce and Science College
Shirpur-425405, Karvand Naka, Dist.- Dhule (Maharashtra)
E-mail - principal@rcpasc.ac.in

Affiliated to: K. B. C. North Maharashtra University, Jalgaon-425001

Self Study Report (SSR): 2024 (4th Cycle)



Criteria - 4 Infrastructure and Learning Resources

Key Indicator - 4.1 Physical Facilities

Metric No. - 4.1.1 (QIM)

The Institution has adequate infrastructure and other facilities for

- teaching - learning, viz., classrooms, laboratories, computing equipment etc
- ICT - enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc

Submitted to
National Assessment and Accreditation Council, Bangalore



R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Karvand Naka, Shirpur 425405, Dist - Dhule, Maharashtra

☎: (02563) 299328

E-mail: principal@rcpasc.ac.in

President

Hon. Bhupeshbhai Patel

Principal

Dr. D. R. Patil

Date: 15/06/2024

Declaration

This is to declare that, the information, reports, true copies of the supporting documents, numerical data etc. submitted in these files is verified by Internal Quality Assurance Cell (IQAC) and it is correct as per the office record.

This declaration is for the purpose of NAAC accreditation of the HEI for the 4th cycle assessment period 2018-19 to 2022-23.

Place: Shirpur

Date: 15/06/2024

Dr. Sandip P. Patil

IQAC Co-ordinator

IQAC Coordinator

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405



Dr. D. R. Patil

IQAC Chairman & Principal

PRINCIPAL

R. C. Patel Educational Trust's

R. C. Patel Arts, Commerce and Science College

Shirpur, Dist.-Dhule (M.S.) 425405



Criterion-IV

Infrastructure and Learning Resources

4.1: Physical Facilities:
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Criterion IV **Infrastructure and Learning Resources**

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Criterion IV Infrastructure and Learning Resources

4.1: Physical Facilities

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

A better teaching and learning process will undoubtedly be facilitated by a modern, well-designed infrastructure. Concerning the policy issue, the institute has already created outstanding learning resources that both meet and surpass the requirements. These include

- Modern classrooms
- Highly equipped laboratories
- Seminar halls
- Library with reading room
- Canteen
- Lush green campus
- Enough parking
- Playgrounds
- Separate hostels for girls and boys
- Generator facility
- Internet with Wi-Fi connection within the institute campus and in hostel premises.
- Student consumer store
- Guest house
- Solar Panel Unit
- Health Care Center
- Online University Question Paper Delivery Section Hall
- Competitive Exam Cell

1.1 College Area:

Established on September 19, 1991, the R.C. Patel Arts, Commerce, & Science College, Shirpur, is a part of the R.C. Patel Educational Trust, Shirpur. The college's goal and vision statements, which emphasise delivering high-quality education, served as motivation for the development of an appropriate physical infrastructure spanning 15.5 acres. The institute's total built-up area is 5000 square metres, which includes the administrative facility, classrooms, labs, research centres, seminar halls, spaces for yoga and cultural activities, a skills training centre, a library, reading rooms, a gymkhana, guest houses, canteens, healthcare facilities, common areas, etc. These state-of-art facilities are useful to cater the increasing needs of diversified learners. Institute has created a highly conducive environment for all stakeholders with the help of infrastructural facilities and various programs. The ICT infrastructure highly supports the modern pedagogies in teaching-learning process (TLP).



College Campus View:





1.2 Entrance Gate:



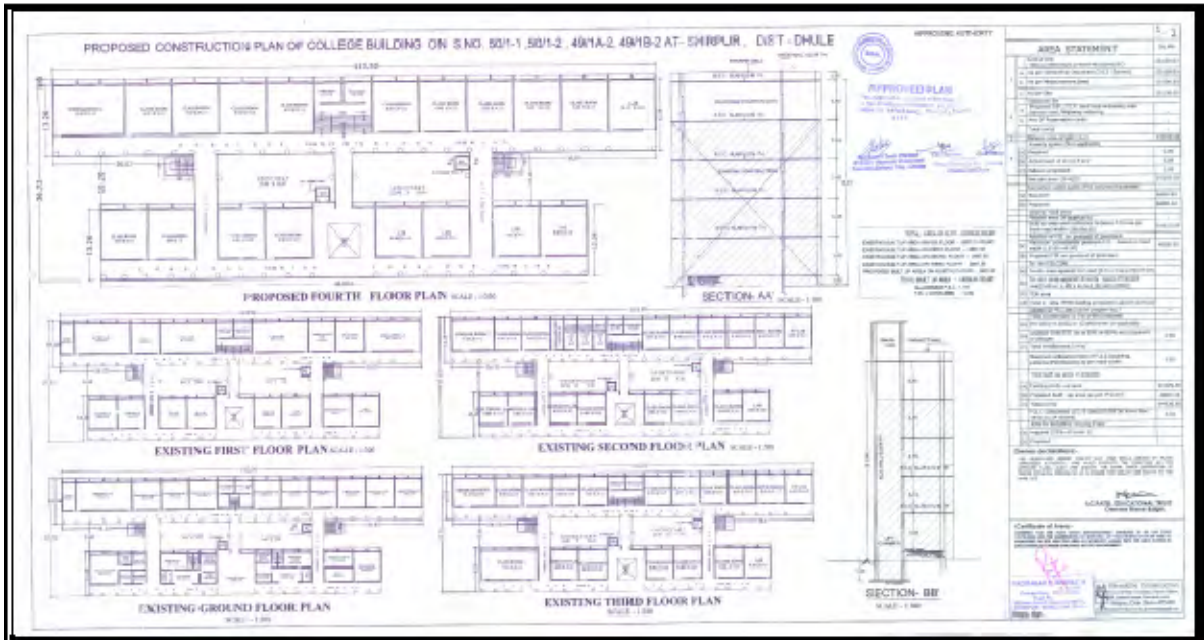
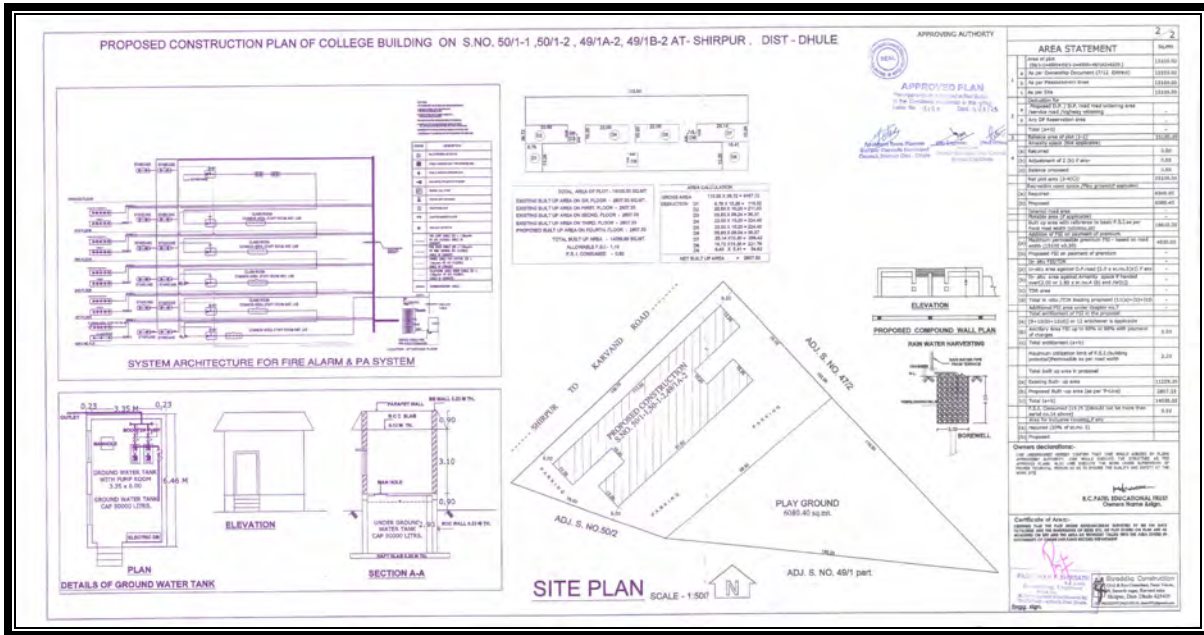
1.3 Entrance Gate of Main Building:



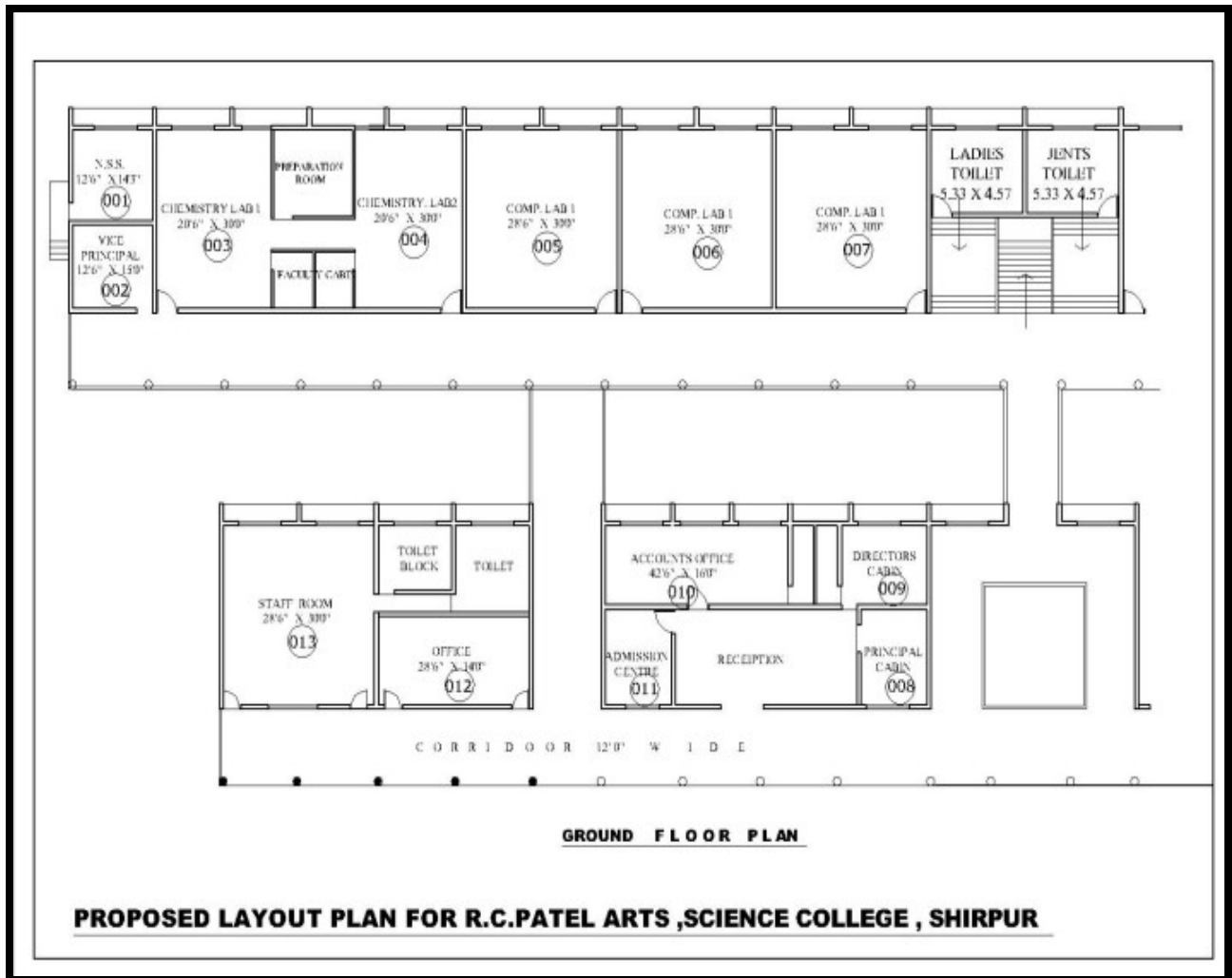
1.4 College Site Plan Map:

R. C. Patel A.C.S. college, Shirpur Tal.: Shirpur, Dist.: Dhule (Maharashtra) Pin: 425405

Total Area of the Plot - 15.5 acres. Total Construction Area -5000 sq. meter.



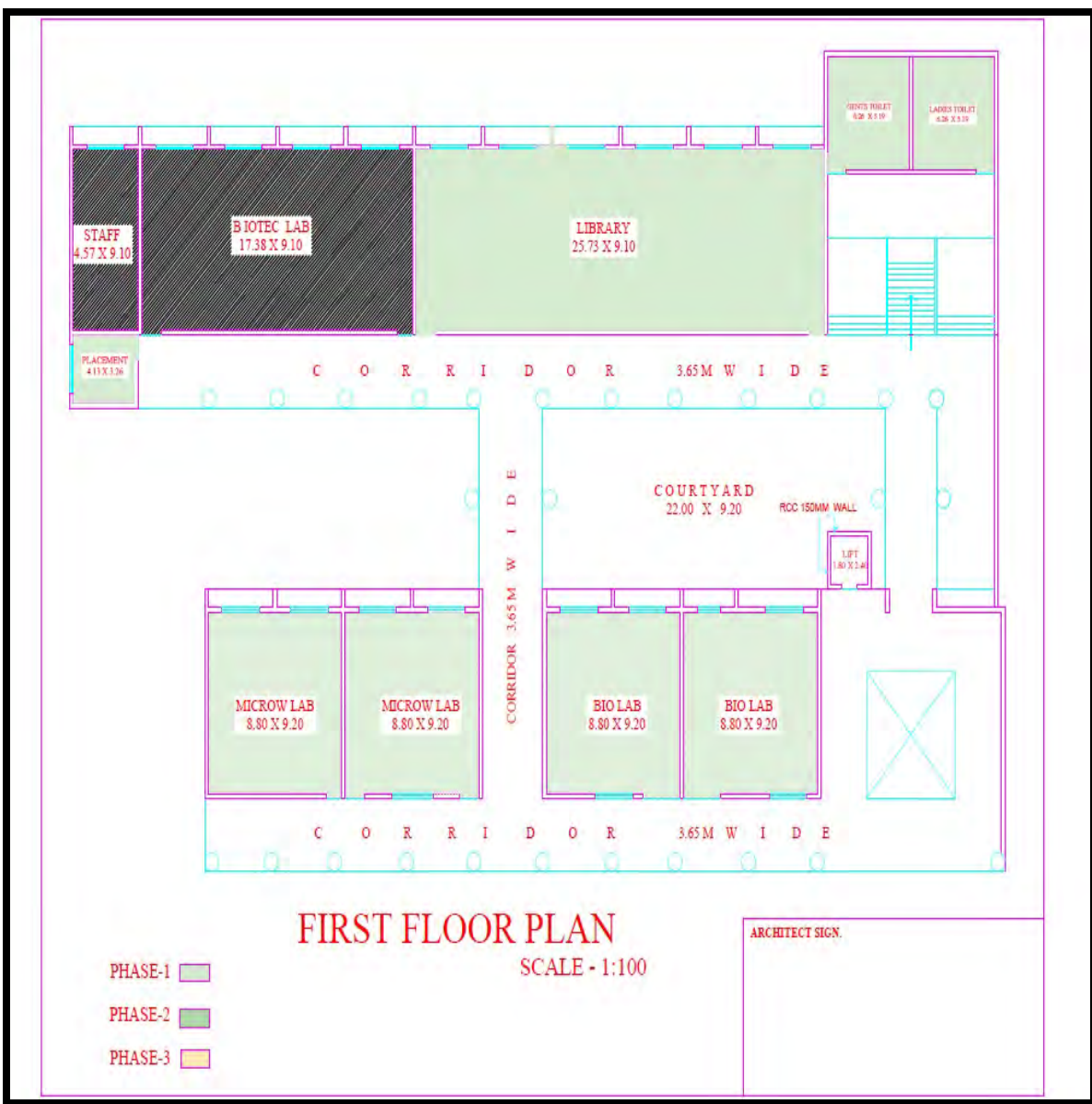
1.5 Institute Layout:



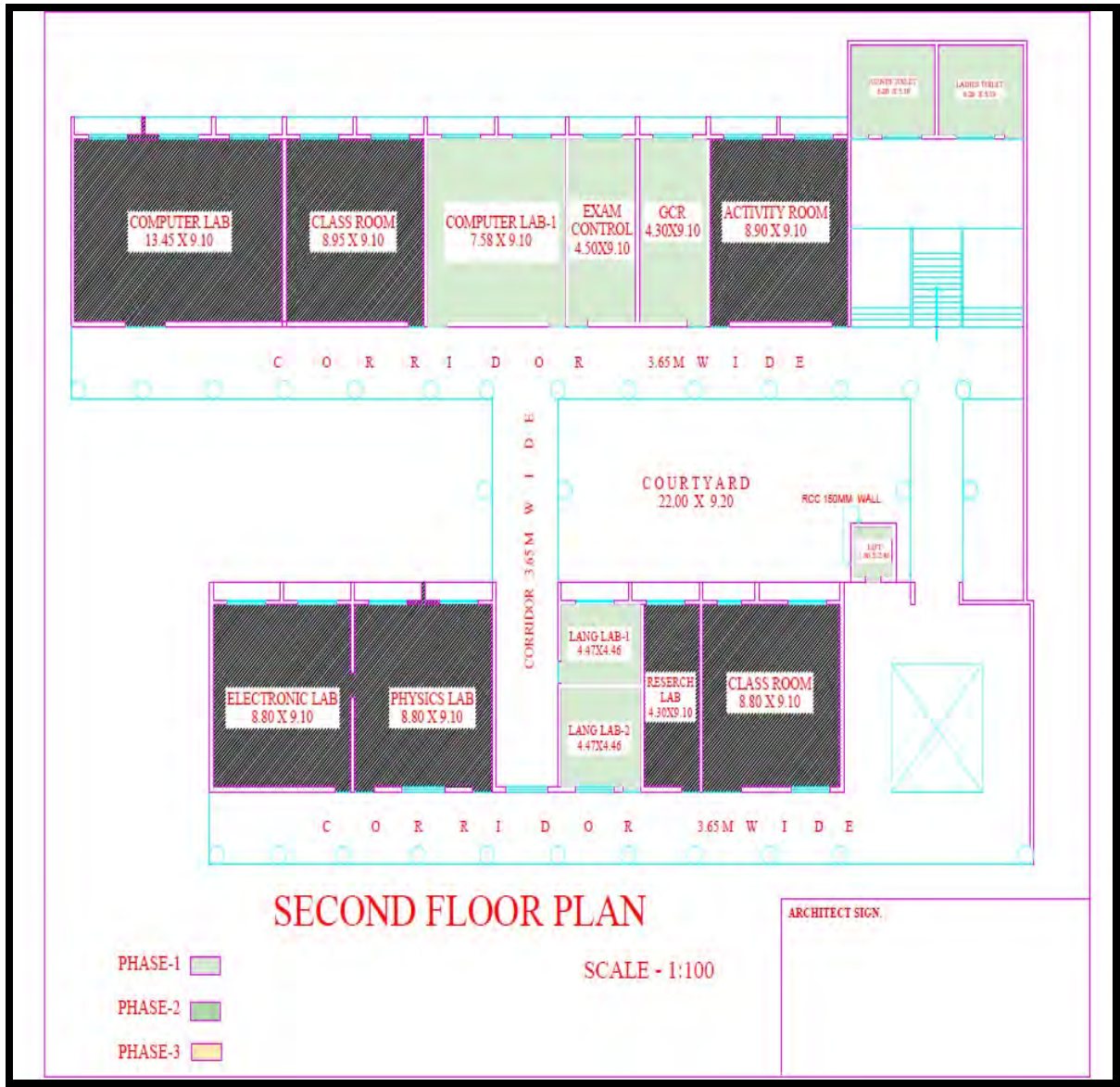
Institute Layout



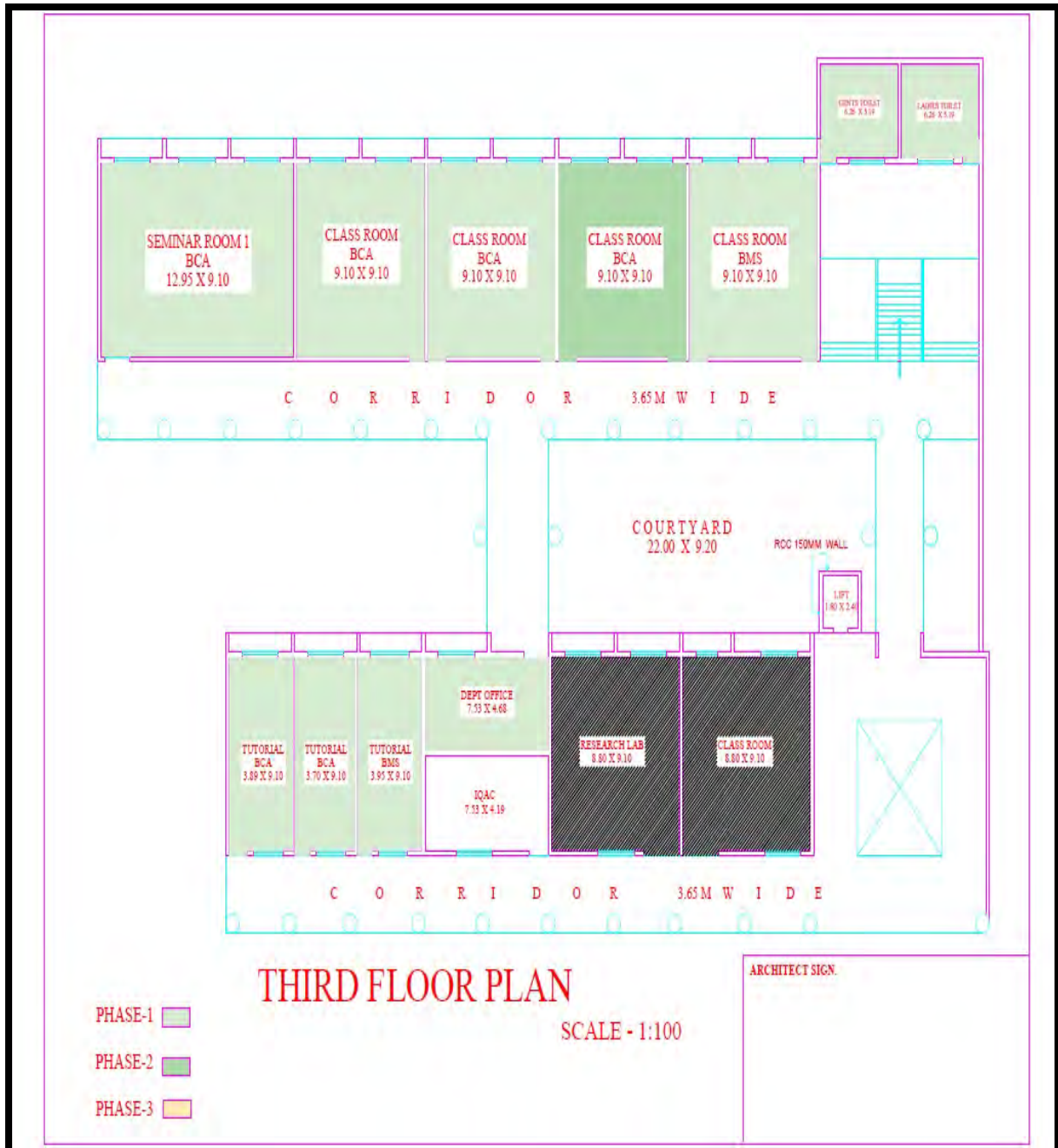
Institute Ground Floor Plan



Institute First Floor Plan



Institute Second Floor Plan



Institute Third Floor Plan




Institute Fourth Floor Plan

1.6 Land Registration Documents

Page 1 of 1

अज्ञापन दिनांक :- 20/03/2024



महाराष्ट्र शासन
माव नमुना सात (अधिकार अशिलेख पत्रक)
 (महाराष्ट्र जमीन मंडळ अधिनियम क्रमांक ३०१/१९६०) तसेच (माव करणे व पुनर्घटित करणे) नियम, १९६१ अन्वये नियम १३,६,७ आणि ८)

नोंदणी क्र. :- शिरपुर जिल्हा :- धुळे

माव :- वरवाडे (१५४०९९) शेताचे स्थानिक नाव :-

PUNO :- 24535580068 शेतापत्र क्रमांक व उपविभाग :- 50/1/1

अज्ञापना पध्दती :- भोगवटद्वारे वर्ग :-

क्षेत्र, एकता व आमदारणी	प्लॉट क्र.	भोगवटद्वाराचे नांव	क्षेत्र	आकार चौ.फु.	पै.फा.	कळ, खंड व इतर अधिकार
क्षेत्र :- ०.४५.०० एकता :- ४.९९	१	आर.पी.सी.जे.सी.जी.१५	०.४५.००	३७००००	१.३५५	कुळाचे नाव व पद :- कुल अधिकार :- वैधानिक अधिकारान्वये (१९९८) (शिवाजी महाराज जयशंकरराव शिंदे) दिनांक २४/०२/२०१४ अन्वये (१९९८) शेताचे स्थानिक नाव :- शिरपुर जिल्हा, धुळे जिल्हा, शिरपुर तालुका, वरवाडे (१५४०९९) पत्रक :- २४५३५५८००६८ वर्ग :- ५०/१/१ शेताचे स्थानिक नाव :- दिनांक २४/०२/२०१४ अन्वये (१९९८) शेताचे स्थानिक नाव :- शिरपुर जिल्हा, धुळे जिल्हा, शिरपुर तालुका, वरवाडे (१५४०९९) पत्रक :- २४५३५५८००६८ वर्ग :- ५०/१/१ शेताचे स्थानिक नाव :-

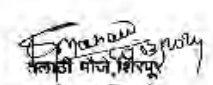
शेताचे स्थानिक नाव :-

माव नमुना सात (पिकांची नोंदवही)
 (महाराष्ट्र जमीन मंडळ अधिनियम क्रमांक ३०१/१९६०) तसेच (माव करणे व पुनर्घटित करणे) नियम, १९६१ अन्वये नियम २१)
 नाव :- वरवाडे (१५४०९९) तालुका :- शिरपुर जिल्हा :- धुळे

अज्ञापन क्रमांक व उपविभाग :- ५०/१/१

पिकांचा नोंदवही							लाभ वडीसाडी उपलब्ध नसलेली उगीत		शेता
वर्ष	हंगाम	स्यात क्रमांक	मिकाना प्रवर्ग	पिकांचे नाव	जल सिंचित	अजल सिंचित	जल सिंचनाचे साधन	स्वरूप	क्षेत्र
(१)	(२)	(३)	(४)	(५)	(६)	(७)	(८)	(९)	(१०)
२०१९-२०	उपलब्ध नव				हंगाम पाले	हंगाम पाले		पत्रक	६.१००

टीप :- * सदरची नोंद मोबाइल ॲप द्वारे घेणेत आलेली आहे

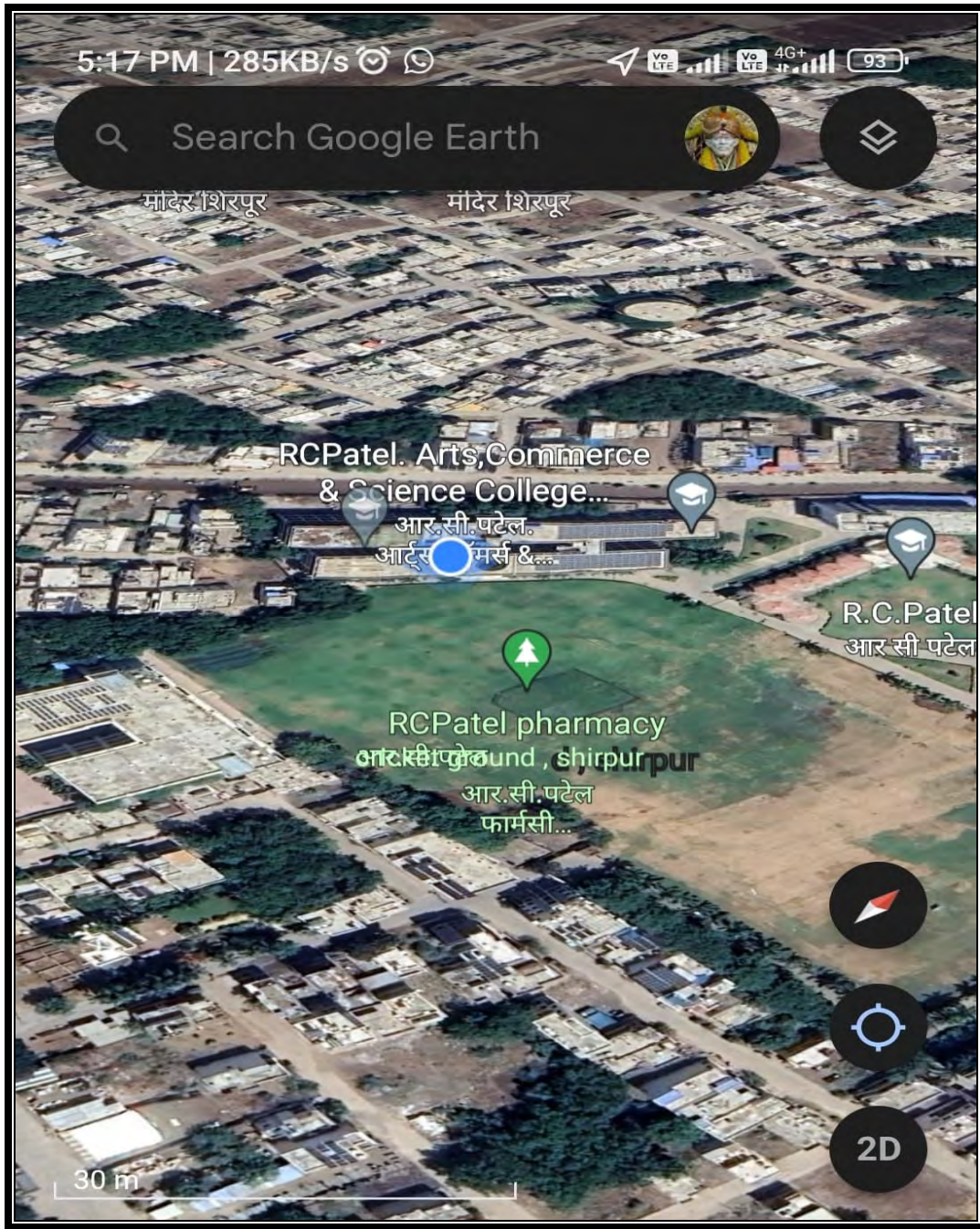

 (माव उपविभागीय अधिकारी)
 वरवाडे साखा :- शिरपुर जिल्हा :- शिरपुर जिल्हा :- धुळे

"या पत्रकाने पतीसाठी की म्हणून १५५५ रुपये मिळाले."
 दिनांक :- २०/०३/२०२४
 साकेतिक क्रमांक :-

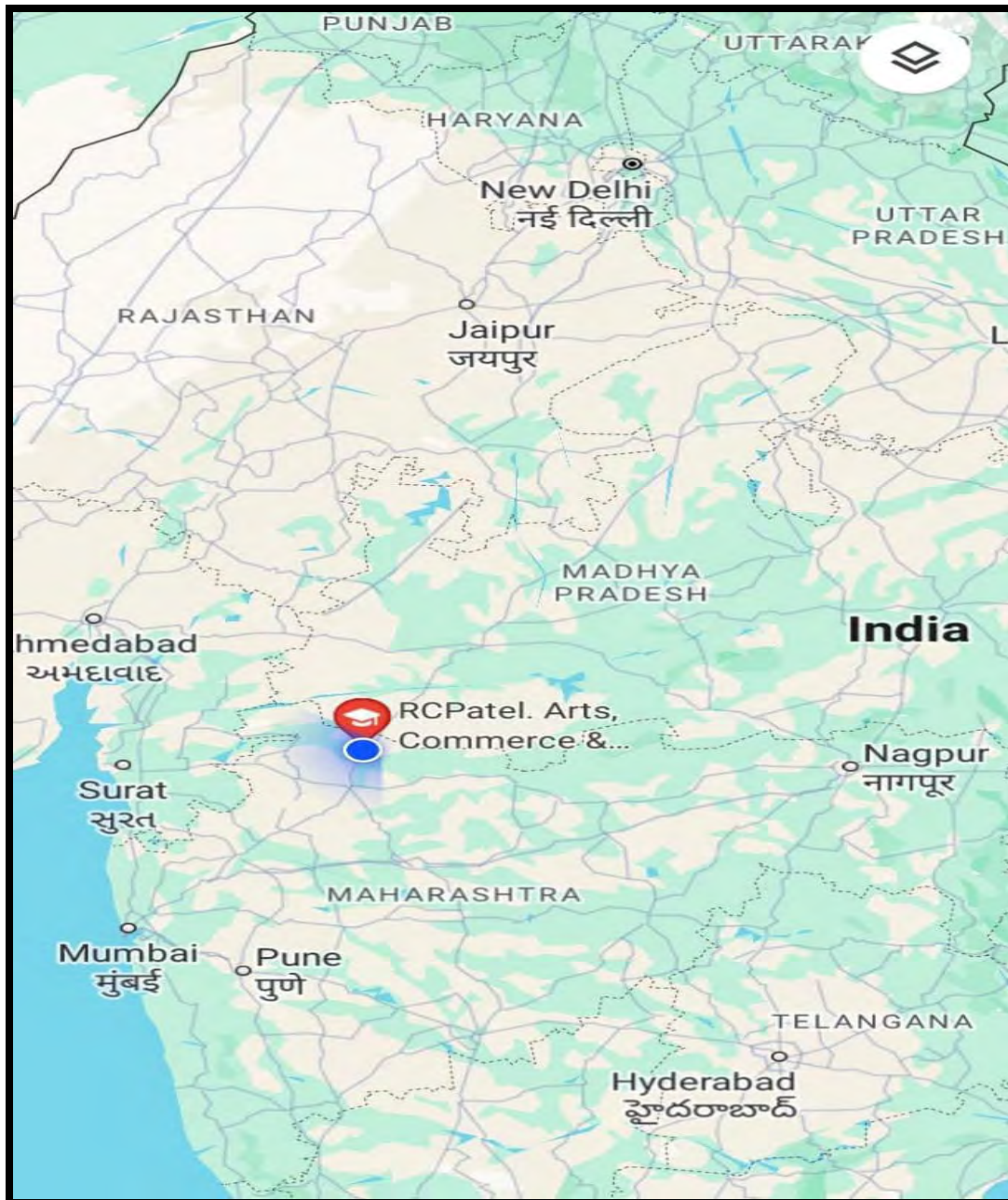
<https://maharashtra.gov.in/lightcloud.com/DDM/PgHtm1712> 3/20/2024

Scanned with ACE Scanner

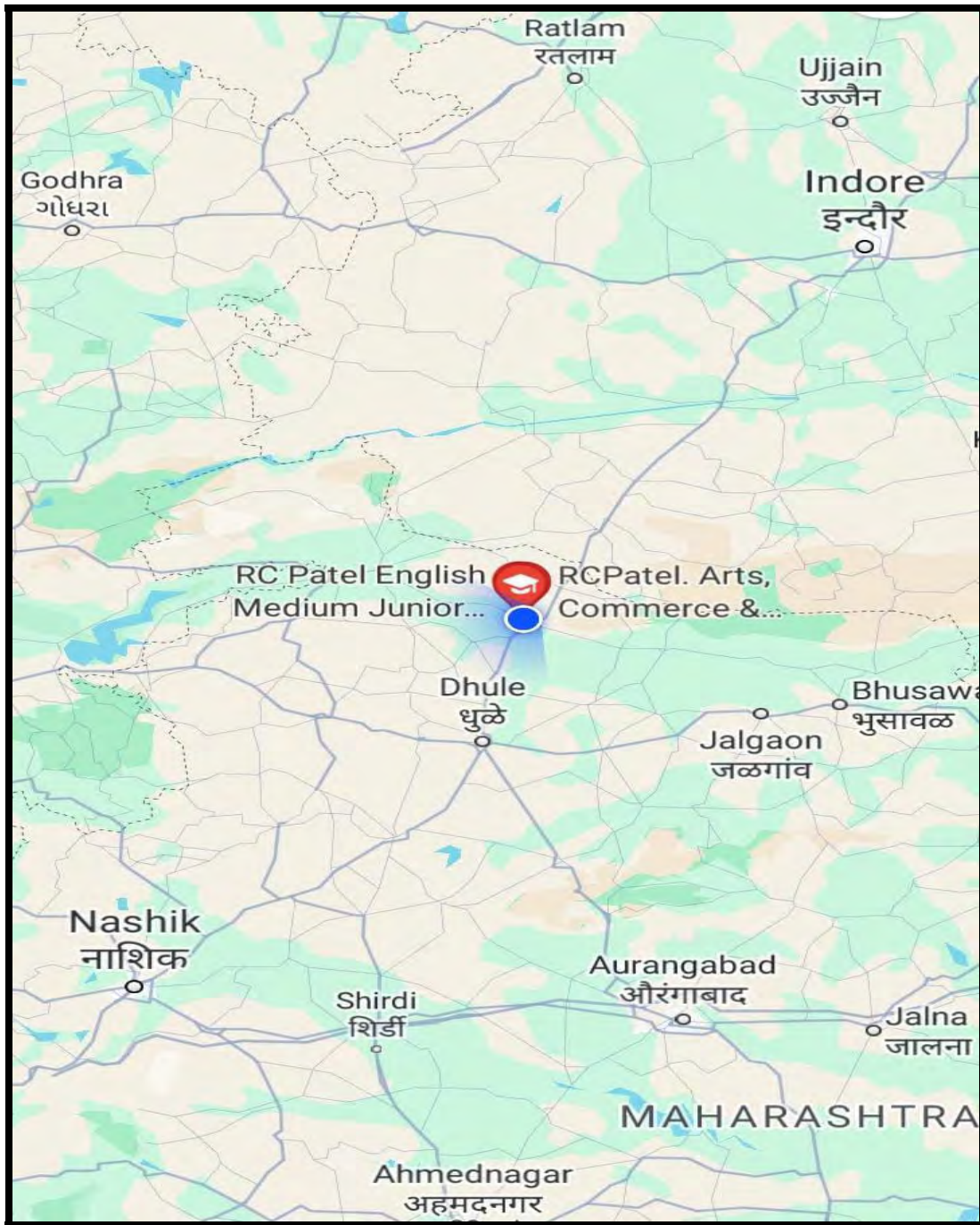
1.7 Google Earth Photograph



Location of College in India



Location of College in Maharashtra



1.8 Area Statement:

Sr.	Name	Area in Sq. m.
Administrative Area		
1.	Principal cabin	18.90
2.	Vice- Principal cabin	15.82
3.	ADM office	53.16
4.	Reception	17.78
5.	Faculty room	80.04
6.	Central store	34.25
7.	Maintenance	12.36
8.	Security	9.30
9.	House keeping	5.29
10.	Exam control	40.95
11.	DEPT office	35.24
12.	Placement	13.46
13.	Pantry for staff	8.01
Amenities Area		
14.	Boys common room	80.08
15.	Girls common room	39.13
16.	Cafeteria	406.81
17.	Stationary store	118.00
18.	Guest house	28.12
19.	Auditorium	283.48
20.	Toilets	97.47
21.	Sports club	23.71
22.	Girl's hostel	593.37
23.	Boys hostel	3903.00
Circulation Area		

24.	Corridor	685.58
25.	Staircase area	140.13
Instructional Area		
26.	Seminar hall	235.69
27.	Computer Centre	161.98
28.	Language lab	39.87
29.	Library	234.14
30.	Playground	27697.00

2. Classrooms, Departments, Offices, Halls and Available Facilities:
2.1 Classrooms and Available Facilities -In Building:

SN	Room no.	Name of Particulars	GPS Location		Facilities Available and Furniture
			Latitude	Longitude	
1.		Principal Cabin with washroom & Pantry	21.356488	74.891929	Fan-1, LED-11, Table-1, Chair-4, Sofa Set-1, A/C-1, P.C.-1 Cupboard, Printer with Scanner- 1, CCTV-1
2.		Vice- Principal Cabin	21.356488	74.891929	Fan- 2, Table-2, Chair-6, A.C.-1, P.C.-2, Printer- 2
3.		Waiting lobby	21.356488	74.891929	Table-1, Chair-1, LED-12, Fan- 2, CCTV-1
4.		Administration Office	21.356488	74.891929	Fan-7, A.C.-1, P.C.-9, Printer-5 CCTV-3, Chair-11, LED-26, Zerox-1
5.		Ladies staff room	21.356488	74.891929	Fan-2, LED-24, Table-4, Chair-22, A/C-1, P.C.-12, Cupboard, CCTV-1
6.		Common staff room	21.356488	74.891929	Fan-6, LED-11, Table-6, Chair-32, A/C-2, P.C.-3 Cupboard, CCTV-1
7.	001(A)	NSS Office	21.356279	74.891005	Fan-6, Tube light-1. Table-1, Chair-2
	001(B)	Storeroom	21.356279	74.891005	Tube light-1

8.	002		21.356279	74.891005	Fan-1, Tube light-2, Table-1, Chair-3, A/C-1, P.C.-1, Cupboard-3
9.	003	Chemistry Laboratory- I	21.356191	74.891397	Fan-1, Tube light-, Table-1, Chair-3, Cupboard-3, Rack-4,
10.	004	Chemistry Laboratory- II	21.356291	74.89171	Fan-4, Tube light-2, Table-3, Chair-10, P.C.-04, Printer-1, Cupboard-3, Smart board-1
11.	005	Computer Sci. Laboratory III	21.356291	74.89171	Fan-4, LED-9, Table-14, Chair-28, A/C-2, P.C.-25, Cupboard, CCTV-1, Smart board-1
12.	006	Computer Sci. Laboratory- II	21.356291	74.89171	Fan-4, LED-9, Table-14, Chair-28, A/C-2, P.C.-26, Cupboard, CCTV-1, Smart board-1, Printer-1
13.	007	Computer Sci. Laboratory- I	21.356318	74.89157	Fan-4, LED-9, Table-15, Chair-26, A/C-2, P.C.-28Cupboard, CCTV-1, Printer-1, Smart board-1
14.		Sport Room	21.356479	74.891872	Table-1, Chair- 3, Tube light-2, Fan -1, P.C.-1, Printer-1
15	101	Faculty Room	21.355759	74.891576	Fan -1, Chair- 5, Tube light-1, Table-4, Cupboard-1
16	102	Aseptic Room	21.355759	74.891576	Tube light-1, A.C.-1

Criterion IV Infrastructure and Learning Resources

	103	Biotechnology Laboratory	21.355759	74.891576	Fan-4, Tube light-14 , Table-4, Chair-10, A/C-1,P.C.-6 Cupboard-4, Rack-2, Smart board-1, Green board-1,Freez-1
	104	Library	21.355759	74.891576	Fan-3, Tube light-7 , Table-4, Chair-11, P.C.4,Cupboard-8,Rack-18, Zerox-1, Printer-1, Scanner-1, Barcode Macine-1
	105	Reading Room	21.356267	74.89151	Fan-16, Tube light-14, Table-20, Chair-100, P.C.-08
	106	Botany Laboratory	21.356531	74.892034	Fan-4, Tube light-4, Table-4, Chair-07, P.C.-2 Cupboard-3, Rack-1, Smart board-1
	107	Zoology Laboratory	21.356414	74.892174	Fan-4, Tube light-4, Table-4, Chair-06, P.C.-1 Cupboard-4, Rack-1, Smart board-1, Freez-1
	108	Microbiology Laboratory	21.356191	74.891753	Fan-4, Tube light-11, Table-4, Chair-09, A/C-1, P.C.-06 Cupboard-5, Rack-1, Smart board-1, Freez-3, Printer-2, Podium-1
	201	Computer Sci. Laboratory- IV	21.356557	74.89167	Fan-9, Tube light-4, LED-18, Table-3, Chair-57, A/C-3, P.C.-58, Printer-1, Podium-1, Smart board-1
	202	Geography Laboratory	21.356341	74.89158	Fan-5, White board-1, Benches -63

Criterion IV Infrastructure and Learning Resources

203	Computer Sci, Laboratory-V	21.356341	74.89158	Fan-6, LED-12, Table-6, Chair-33, P.C.-41, Printer-1, Smart board-1
204	Examination Office	21.3564	74.891673	Fan-2, LED-14, Table-2, Chair-10, A/C-1, P.C.-03, Cupboard, CCTV-1, Printer-3
205	Girls common Room	21.356298	74.891529	Fan-3, Tube light-1, Table-3, Chair-3, Cupboard-3, White board-1
206	Classroom	21.356322	74.891885	Fan-4, Smart board-1, Benches-64
207	Class Room	21.356322	74.891885	Fan-4, Benches-64
208	Classroom	21.356135	74.891738	Fan-4, Smart board-1, Benches-62
209	Physics Research Laboratory	21.356135	74.891738	Fan-2, Table-2, P.C-2, A/C-1,
210	Language Laboratory	21.355786	74.891838	Fan-1, LED-06, Table-1, Chair-14, P.C.-15, Cupboard-1
211	Dark Room	21.355786	74.891838	Fan-1, Table-1, Chair-2, Tube light-2
212	Physics Laboratory	21.355983	74.892613	Fan-6, Tube light-4, Table-9, Chair-07, P.C.-2, Cupboard-10, Smart board-1
213	Electronics Laboratory	21.355983	74.892613	Fan-6, Tube light-5, Table-12, Chair-06, P.C.-10, Cupboard-3, Smart board-1, Printer-1
301	Multimedia/ Seminar Hall	21.356214	74.891702	Fan-9, LED-12, Table-3, Chair-06, Podium-1, A.C.-4, Smart board-1, Benches-60, Speaker-4, Mike system-1
302	Classroom	21.356214	74.891702	Fan-6, LED-12, A.C.-2, Smart board-1 Benches-58

Criterion IV Infrastructure and Learning Resources

	303	Classroom	21.356214	74.891702	Fan-6, LED-12, A.C.-2, Smart board-1 Benches-34
	304	Classroom	21.356335	74.891681	Fan-6, LED-12, A.C.-2, Smart board-1 Benches-36
	305	Classroom	21.356335	74.891681	Fan-6, LED-12, A.C.-2, Smart board-1 Benches-32
	306	Classroom	21.356327	74.891986	Fan-4, Green board-1, Podium-1 Benches-60
	307	Classroom	21.356327	74.891986	Fan-4, Green board-1, Podium-1
	312	Classroom	21.356446	74.892126	Fan-6, Smart board-1, LED-09 Benches-36
	313	Classroom	21.355576	74.891694	Fan-6, Smart board-1, LED-09, Benches-56
	314	IQAC Office	21.355576	74.891694	Fan-2, Smart board-1, LED-09, Table-1, Chair-14, A.C.-1, P.C.-2
	316	Classroom	21.355576	74.891694	Fan-9, Smart board-1, LED-18, Benches-90, Podium-0
		Mathematics Department	21.356109	74.891359	Fan-4, LED-08, Table-2, Chair-11, A/C- 01, P.C.-02, Cupboard-1, Podium-01, White board-1, Benches-08
		Seminar Hall -II	21.355759	74.891576	LED-12, Table-4, Chair-150, Podium-1, A.C.-4, Smart board-1, Speaker-4, Mike system-1
		Corridor- Ground Floor	21.356488	74.891929	Tube light-05, LED-05, CCTV-6
		Corridor-I	21.355759	74.891576	Tube light-08, CCTV-6
		Corridor-II	21.3564	74.891673	Tube light-06, CCTV-6
		Corridor-III	21.356214	74.891702	Tube light-08, CCTV-6

➤ **Classrooms Structure and Available Facilities – At the Ground Floor**

❖ **Principal Office:**



R.C. Arts, Commerce and Science Principal's Cabin

❖ Vice- Principal Cabin:



R.C.Patel Arts, Commerce and Science College Vice- Principal's Cabin

❖ **Waiting Place for Staff and Visitors:**



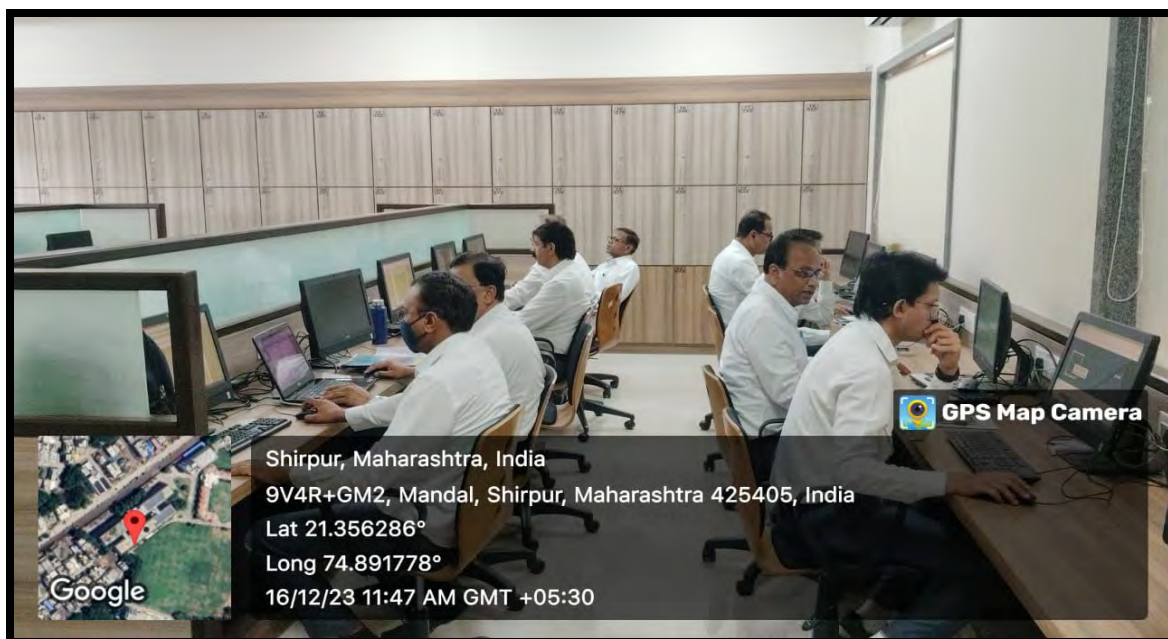
❖ Office – Administrative and Admission processes:



❖ Staff Room for Female & Male Staff / browsing center:



Staff Room for Female Staff



Staff Room for Male Staff

❖ Pantry for Staff:



❖ Classrooms & Corridors:





3. Laboratories and Available Facilities:

3.1 Department of Chemistry Laboratories – Laboratory I & II





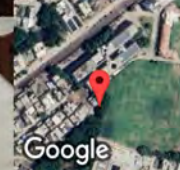
Faculty Room

3.2 Department of Botany and Zoology: Laboratories:



Shirpur, Maharashtra, India
 9V4R+GM2, Mandal, Shirpur, Maharashtra 425405, India
 Lat 21.356002°
 Long 74.89173°
 24/09/22 03:29 PM GMT +05:30

Botany



Shirpur, Maharashtra, India
 9V4R+GM2, Mandal, Shirpur, Maharashtra 425405, India
 Lat 21.356002°
 Long 74.89173°
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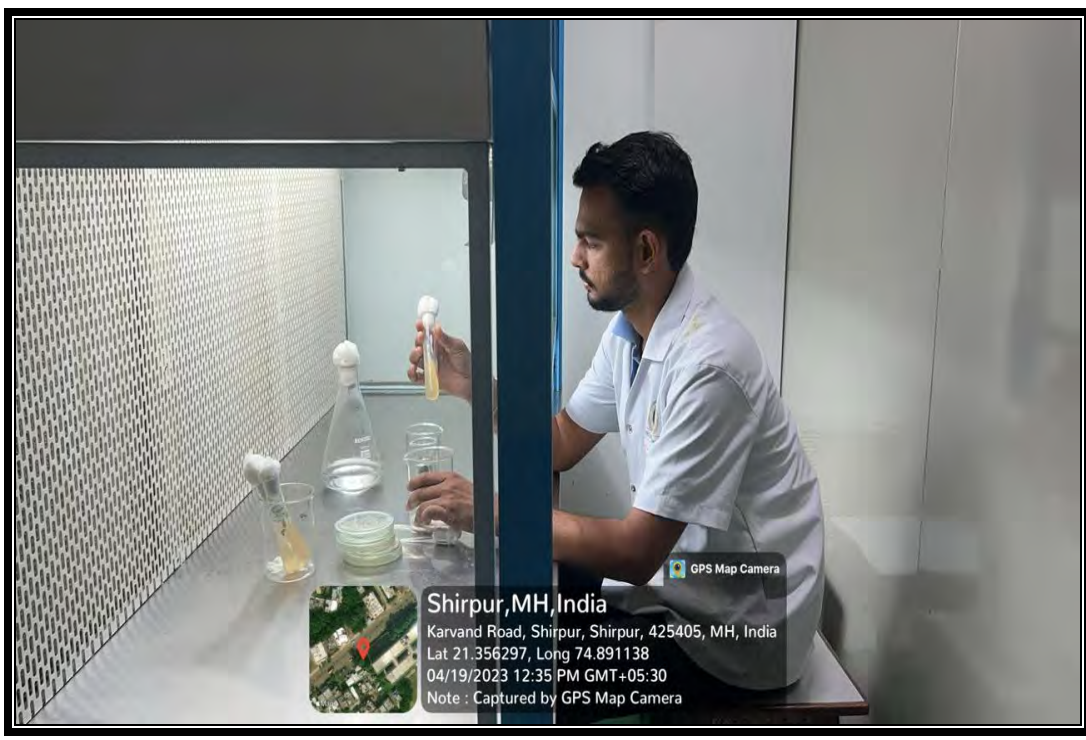
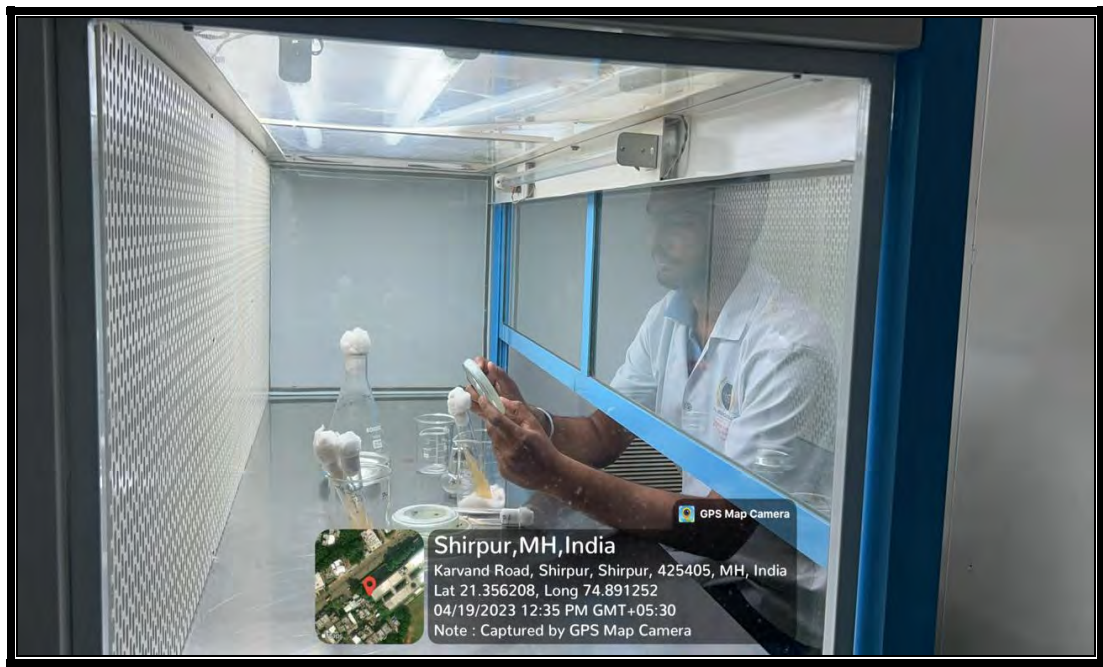
Zoology

3.3 Department of Microbiology and Biotechnology: Laboratories

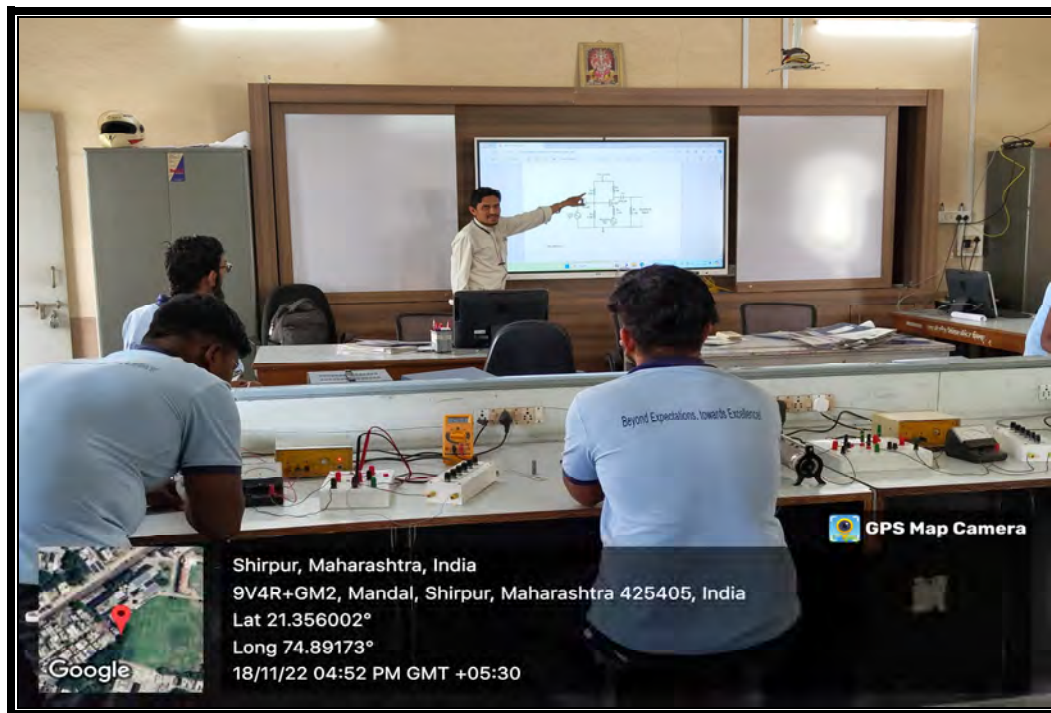




➤ Aseptic Room:



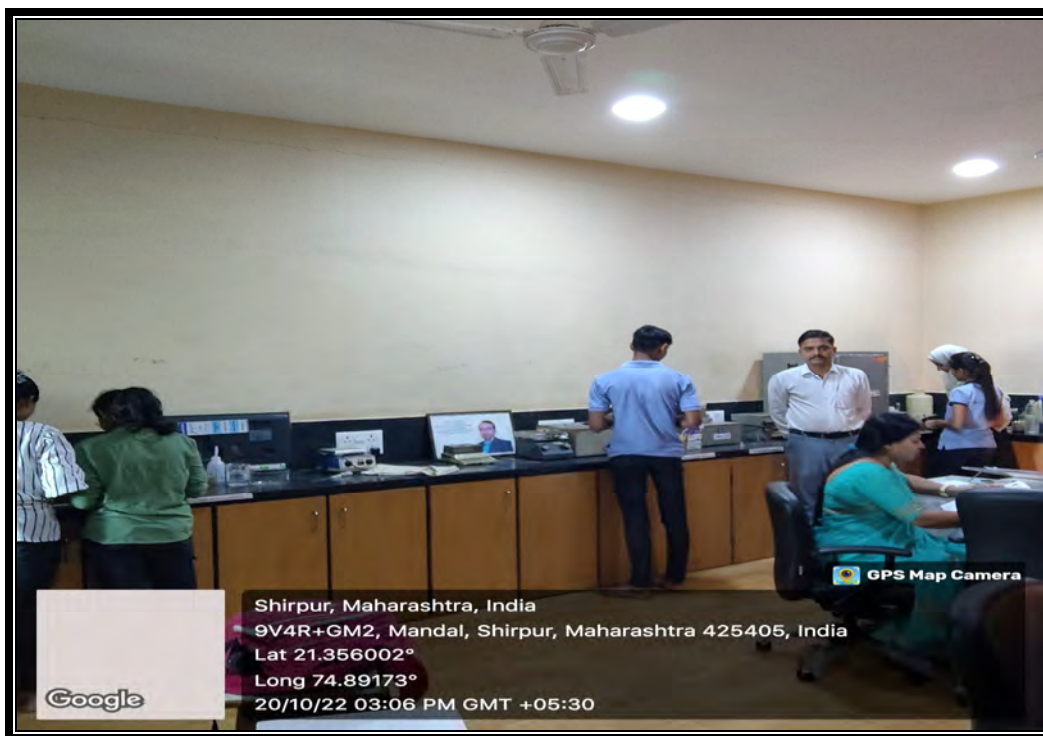
3.4 Department of Electronics Laboratory:





3.5 Department of Physics Laboratory:

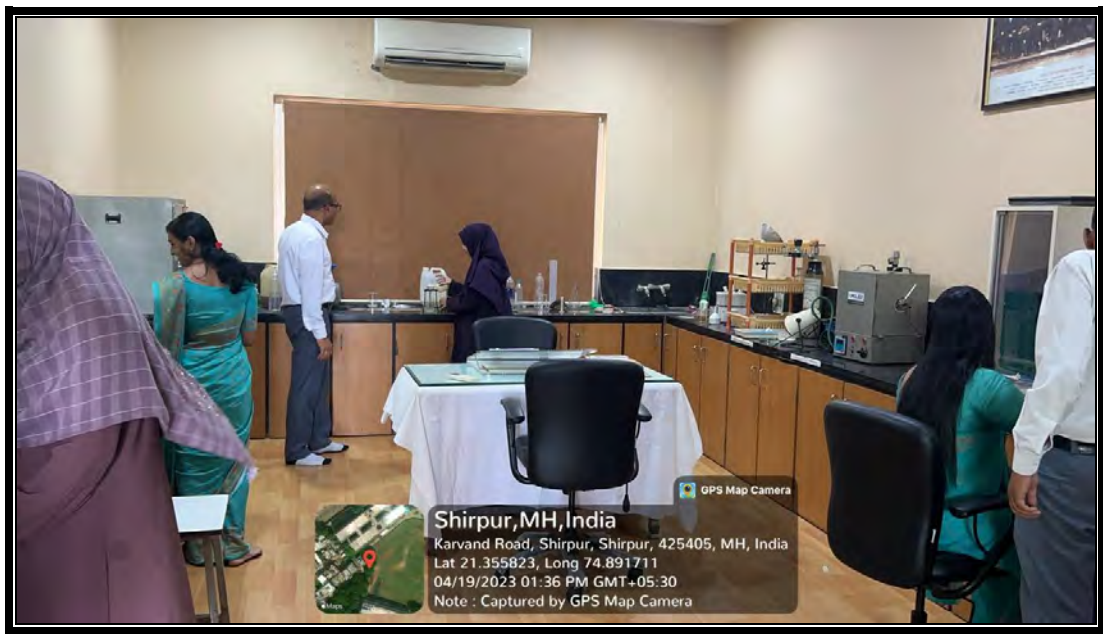




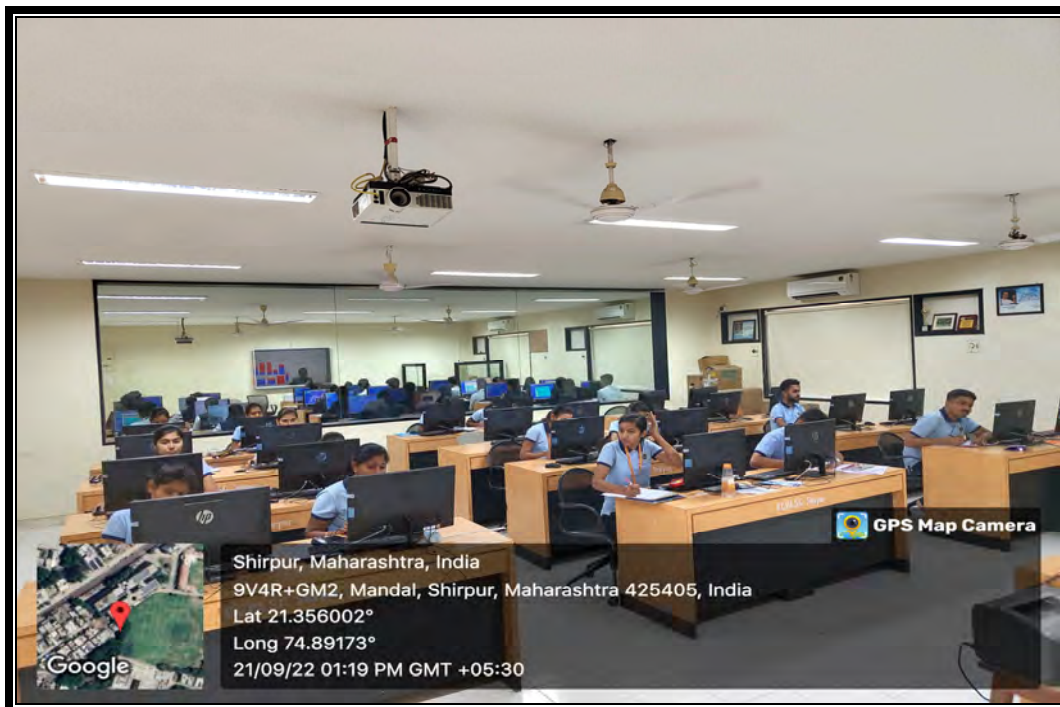
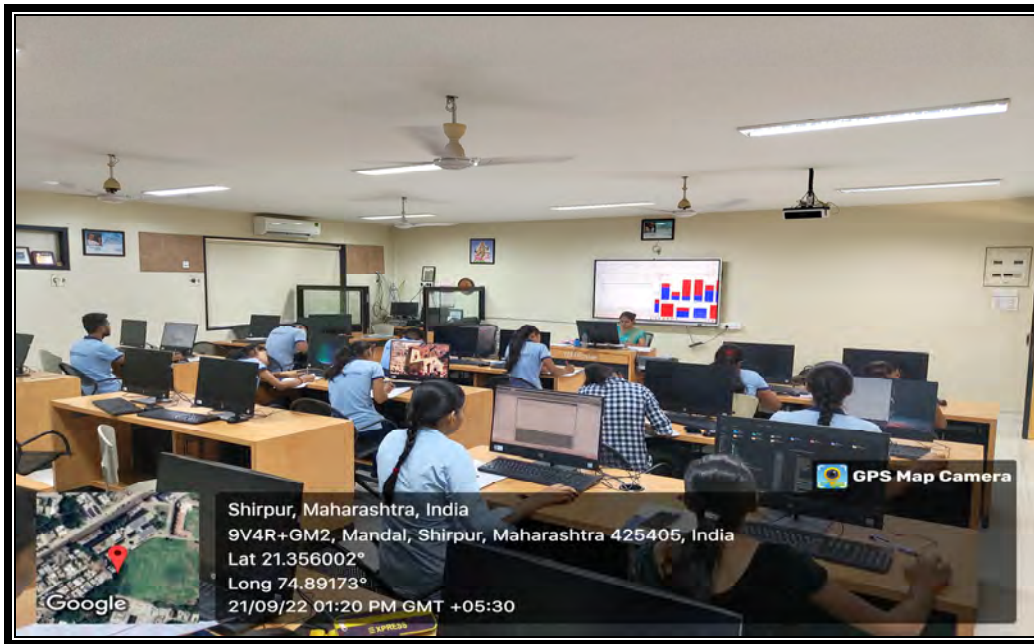
❖ Dark Room:



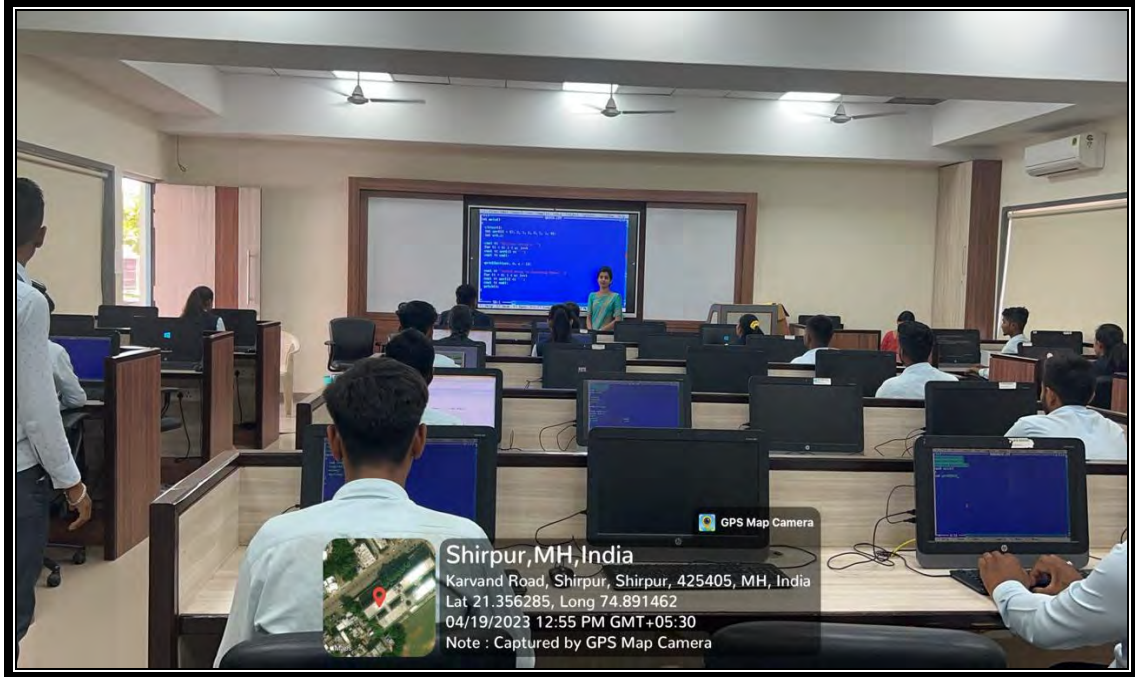
❖ Research Laboratory for Physics aspirants:



3.6 Department of Computer Science Laboratories:







3.7 Department of Mathematics:



4. ICT Facilities:
4.1 Classroom, Seminar Hall, with Smart Board/ Projector/ LCD / Wi-Fi/ LAN facilities:

Sr. No.	Room Number or Name	Type of ICT facility
1.	Classroom	
206	Classroom	Wi-Fi, Smart Board, LAN
207	Classroom	Wi-Fi, LAN
208	Classroom	Wi-Fi, Smart Board, LAN
302	Classroom	Wi-Fi, Smart Board, LAN
303	Classroom	Wi-Fi, Smart Board, LAN
304	Classroom	Wi-Fi, Smart Board, LAN
305	Classroom	Wi-Fi, Smart Board, LAN
306	Classroom	Wi-Fi, LAN
307	Classroom	Wi-Fi, LAN
312	Classroom	Wi-Fi, Smart Board, LAN
313	Classroom	Wi-Fi, Smart Board, LAN
316	Classroom	Wi-Fi, Smart Board, LAN
2.	Laboratories	
003	Chemistry Laboratory I	Wi-Fi, Smart Board, LAN, Projector
004	Chemistry Laboratory II	Wi-Fi, P.C.- 4, Printer-1, Smart Board, LAN, Projector
005	Computer Sci. Lab- III	Wi-Fi, P.C.- 25, Smart Board, LAN, Projector
006	Computer Sci. Lab -II	Wi-Fi, P.C.- 26, Printer-1, Smart Board, LAN, Projector
007	Computer Sci. Lab- I	Wi-Fi, P.C.- 28, Printer-1, Smart Board, LAN, Projector
102	Aseptic Room	Wi-Fi, LAN

Criterion IV Infrastructure and Learning Resources

103	Biotech Laboratory	Wi-Fi, Smart Board, LAN, Projector
106	Botany Laboratory	Wi-Fi, P.C.- 2, Smart Board, LAN, Projector
107	Zoology Laboratory	Wi-Fi, P.C.- 1, Smart Board, LAN, Projector
108	Microbiology Laboratory	Wi-Fi, P.C.- 6, Printer-2, Smart Board, LAN, Projector
201	Computer Sci. Lab- IV	Wi-Fi, P.C.- 58, Printer-1, Smart Board, LAN
202	Geography Laboratory	Wi-Fi, LAN
203	Computer Sci. Lab-V	Wi-Fi, P.C.- 41, Printer-1, LAN
209	Physics Research Laboratory	Wi-Fi, P.C.- 58, Printer-1, LAN
210	Language Laboratory	Wi-Fi, P.C.- 15, LAN
211	Dark Room	Wi-Fi, LAN
212	Physics Laboratory	Wi-Fi, P.C.- 02, Smart Board, LAN, Projector
213	Electronics Laboratory	Wi-Fi, P.C.- 10, Printer-1, Smart Board, LAN, Projector
	Mathematics Department	Wi-Fi, P.C.- 42, Smart Board, LAN
3.	Offices	
	Principal Cabin with washroom and Pantry	Wi-Fi, P.C., Scanner, Printer, LAN
	Vice- Principal Cabin	Wi-Fi, P.C.-2, Printer-2, LAN
	Waiting Room	Wi-Fi, LAN
	Administration Office	Wi-Fi P.C.- 9, Printer-5, LAN
	Ladies staff room/ Browsing center	Wi-Fi, P.C.- 12, LAN
	Common staff room/ Browsing Center	Wi-Fi, P.C.- 32, LAN
	National Service Scheme Office	Wi-Fi, LAN
	Sport Room	Wi-Fi P.C.- 1, Printer-1, LAN
	Faculty Room	Wi-Fi, LAN

Criterion IV **Infrastructure and Learning Resources**

	Library	Wi-Fi, P.C.- 4, Printer-1, Scanner-1, Zerox-1, LAN
	Reading Room	Wi-Fi, P.C.- 8, LAN
	Examination Office	Wi-Fi ,P.C.- 03, Printer-03, LAN
	Girls common Room	Wi-Fi, LAN
	IQAC Office	Wi-Fi, , P.C.-1, Smart Board, LAN
4.	Seminar Halls	
301	Multimedia/ Seminar Hall	Wi-Fi, Smart Board, LAN, Audio system
	Seminar Hall	Wi-Fi, Smart Board, LAN, Audio system
	S. M. Patel Seminar Hall	Wi-Fi, Smart Board, LAN, Audio system

5. Facilities for Cultural Activities:

Students take an active part in the university-level Youth Festival as well as general cultural events held at the institution. College multimedia halls regularly organize cultural events including debate, singing, elocution, and poetry completions, among other things. The college has enough lighting, air conditioning, a microphone system, and appropriate seating configurations.

Space Available for Cultural Activities:

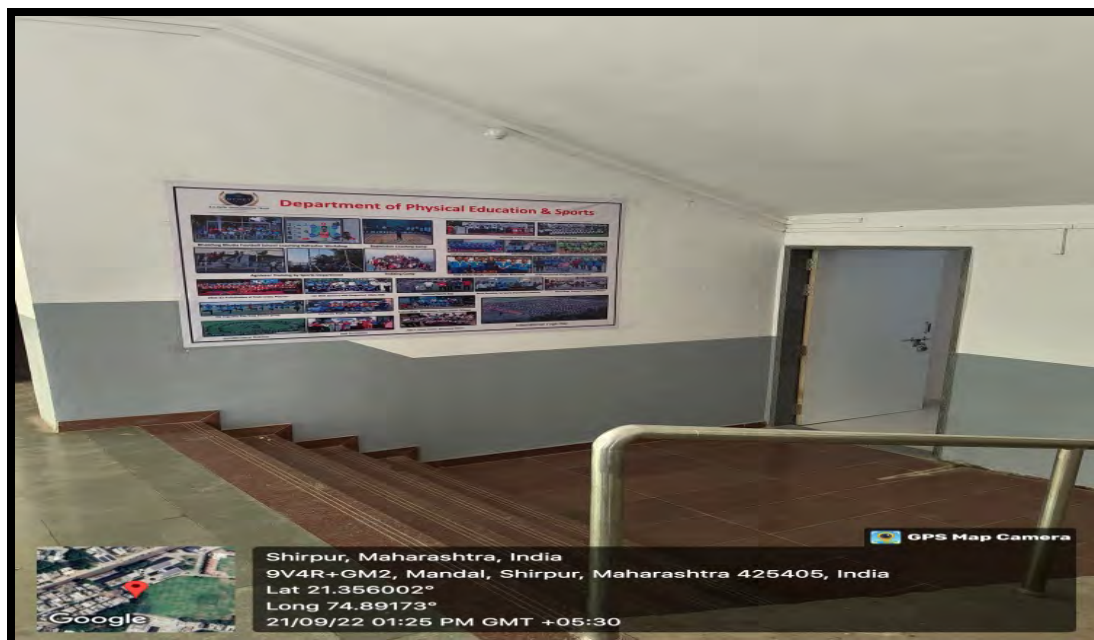
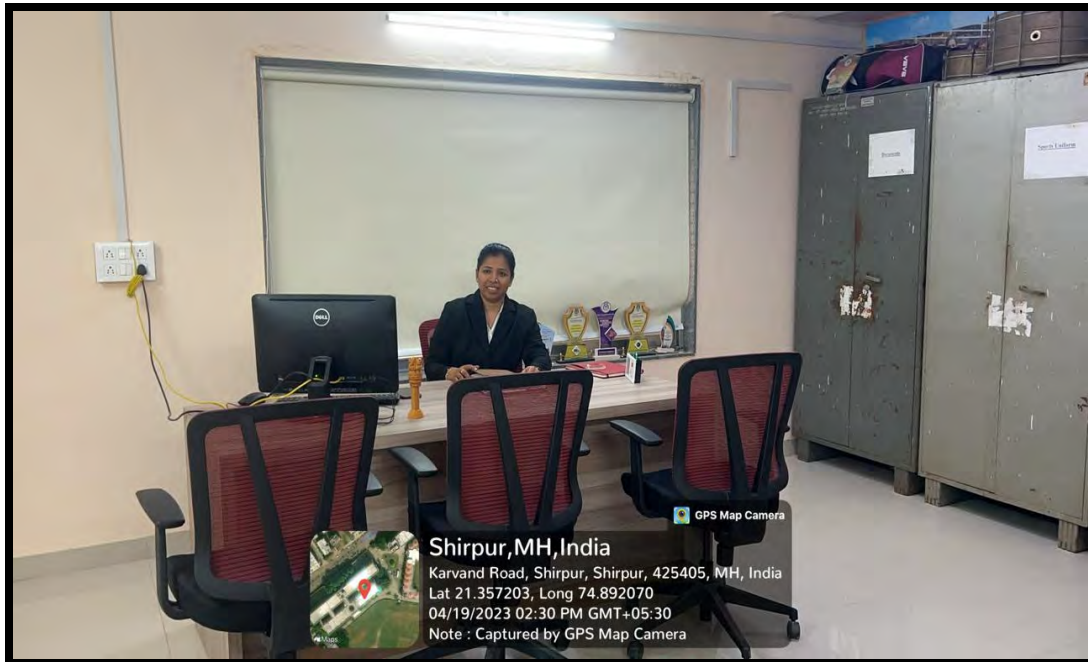




6. Space, Instruments and Facilities for Sports, Games & Gymnasium

6.1 Facilities for Sports, Games and Gymnasium:

❖ Sport Room:



Criterion IV Infrastructure and Learning Resources

The Institute has spacious sports facilities for indoor and outdoor sports. The Institute has appointed full-time physical director for guidance and to take care of regular sports activities. The Institute has a playground for outdoor games like Cricket, Football, Athletics, Softball, Rugby & playground (on sharing basis) for outdoor games Kho-Kho, Handball, Volleyball and Kabaddi. The Institute has provided sports facilities (on sharing basis) for indoor games like Chess, Table Tennis, Badminton, Power lifting, Fencing, Jump rope and Best Physique. Students of the Institute have regularly participated in various sports competitions at various levels like Inter-collegiate, Inter- Group, Inter-University, District level, State level, National, and international level.

Specification of Play Ground as follows:

Area / Size - **4160.58 SQ. M.**

Sports facilities:

a) **List of outdoor facilities:** ground:

S.N.	Games	Area	Facility
1.	Football	102m*68m	Playground (01)
2.	Cricket	70 Yards	Playground (01)
3.	Rugby	100m*70m	Playground (01)
4.	Softball	Adequate area Available	Playground (01)
5.	Volleyball	9m*18m	Playground (01)
6.	Kho-Kho	29m*16m, 25m*14m	Playground (02)
7.	Kabaddi	13m*10m, 12m*10m	Playground (02)
8.	Handball	40m*20m	Playground (01)
9.	Athletics	200m Track	Playground (01)
10.	Ball Badminton	12m*24m	Playground (01)
11.	Badminton Court	13.40m *6.10m	Playground (01)
12.	Gymnasium	300.00 Sq. meters	Well Equipped
13.	Table Tennis	Adequate area Available	Playground (01)
14.	Chess	Adequate area with Setting agreement	Adequate area
15.	Fencing	Adequate area with Sports Kit	Adequate area
16.	Carom	Adequate area with Setting agreement	Adequate area

Specification of Playground as follows:

Sr. No.	Name of the Sports	Name of Equipment's
1.	Football	Stud, Stoking, Football, Referee flag, Corner flag.
2.	Cricket	Ball, Bat, Batting Glows, Batting Pad, Helmet, Wicket kipper Glows, Wicket kipper Pad.
3.	Softball	Glows, Slugger, Ball, Helmet
4.	Rugby	Ball, Helmet
5.	Baseball	Ball, Glows.
6.	Short Put	Men & Women
7.	clapper	Running Start
8.	Relay	Relay better
9.	Badminton	Racket, Shuttle
10.	Ball Badminton	Racket, Ball
11.	Table Tennis	Racket, Ball
12.	Chess	Chessboard
13.	Carom	Carrom Board
14.	Handball	Ball
15.	Basketball	Ball

6.2 Space Available in the College for Sports, Games and Gymnasium

Playground – Area: 4160.58 SQ. M.



Football Ground:



❖ Marathon:



❖ Cricket Ground:



❖ Rugby Ground:





❖ Volleyball Ground:



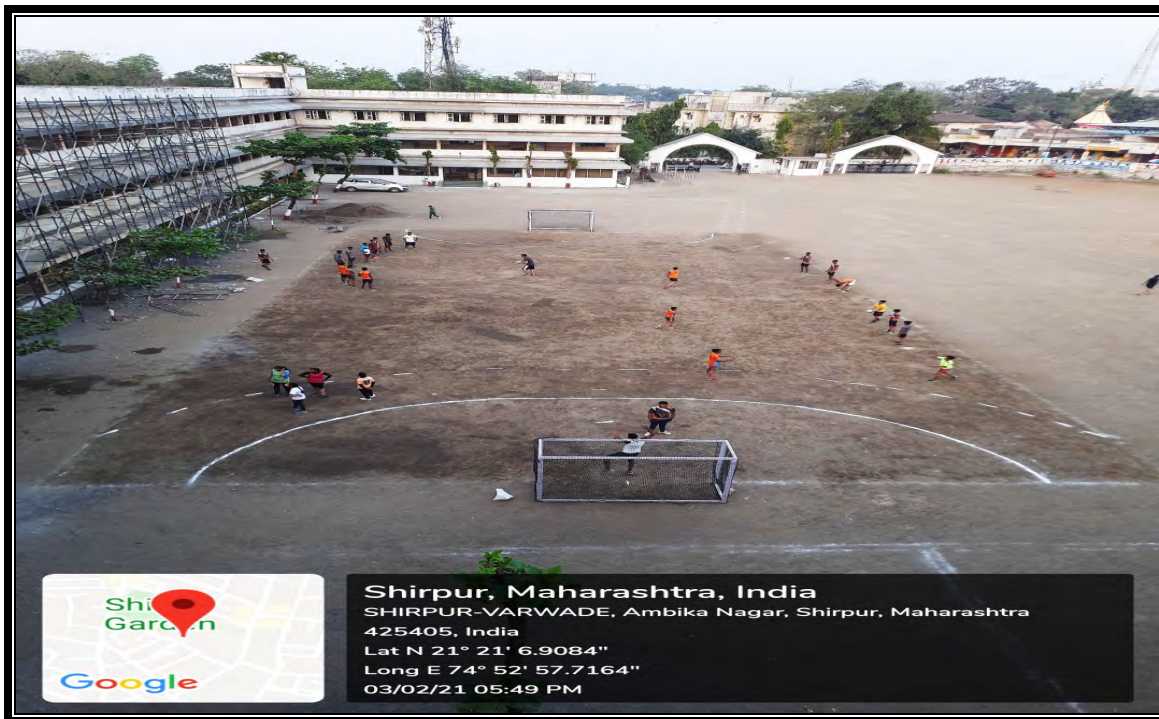
❖ Softball Ground:



❖ Athletics :



❖ Handball Ground :



❖ Kabaddi Ground



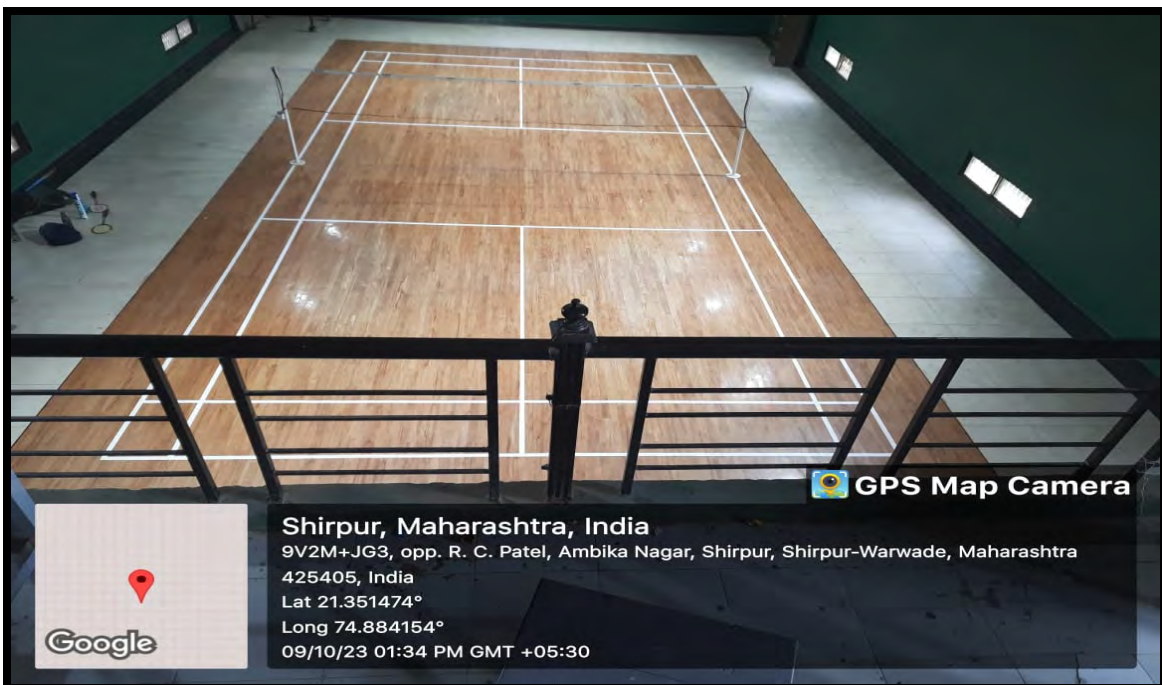


❖ Kho-Kho Ground:





❖ Badminton court:





❖ Chess:



❖ Basketball Ground:



Gymnasium Boys and Girls (Common) :



7. Space for Yoga and Related Activities

7.1 Space and Facilities Available for Performing Yoga Activities

International Day of Yoga:



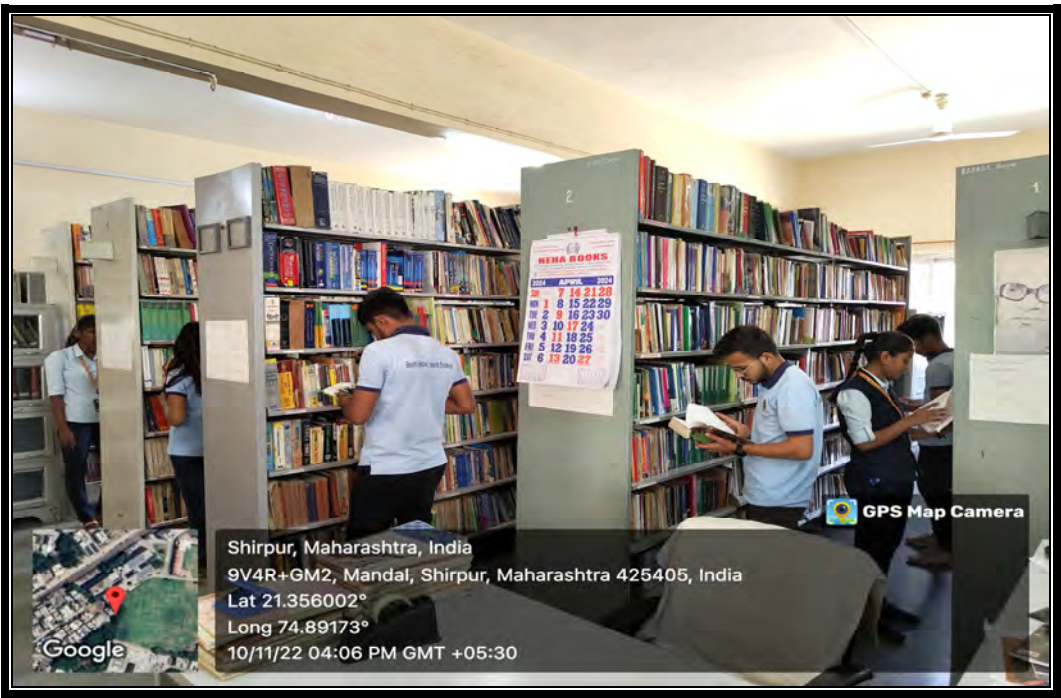


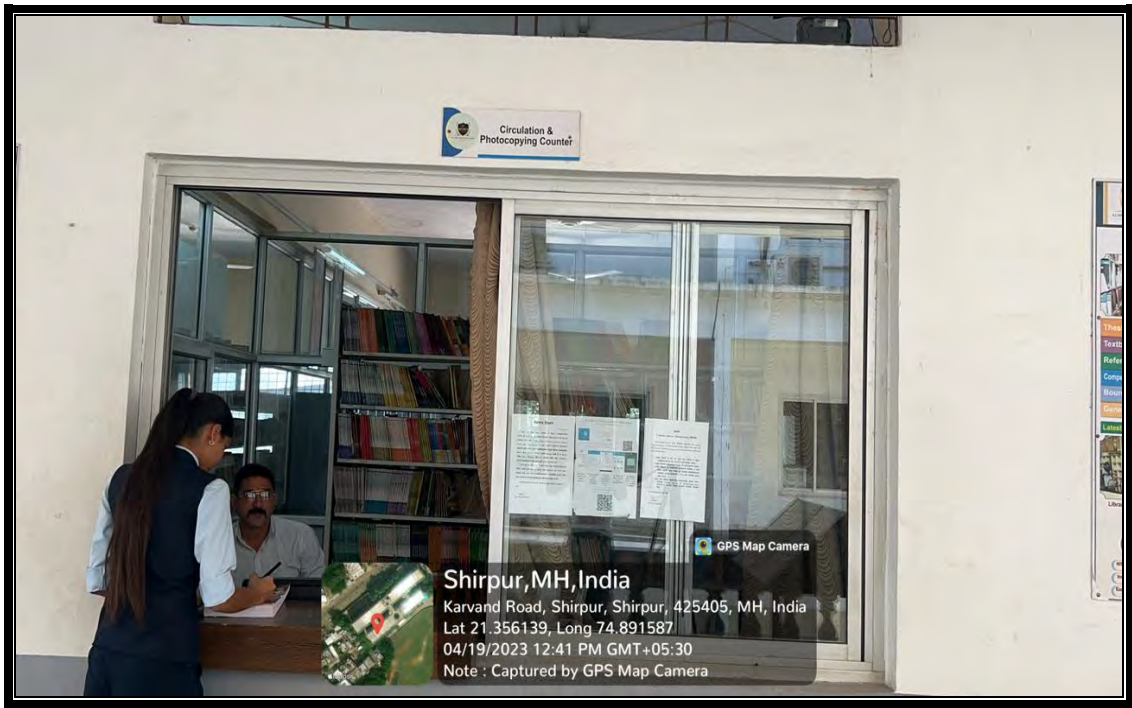
8. Other Facilities

8.1 Library & Learning Facilities for Staff & Students

About Library: The college library is established as college is beginning its services in 1991. It is having more than 27570+ books (General Accession Register 26842 and Book Bank Register 728= 27570) and ever growing. Library subscribed 75 periodicals annually. It is having 46 M.Phil. And Ph.D. research theses in its collection. Library collection is organized subject wise. Library has good collection of books on Marathi Literature, English Literature along with Life Sciences and Computers Sciences. Apart from this, library having more than 600 books on Gandhian study center. Library provides open access to post-graduate students and under graduate students on request. Students can be issued books throughout week from Monday to Saturday from 7.30 am to 6.00 pm. The library has under closed circuit television (CCTV) surveillance Cameras.



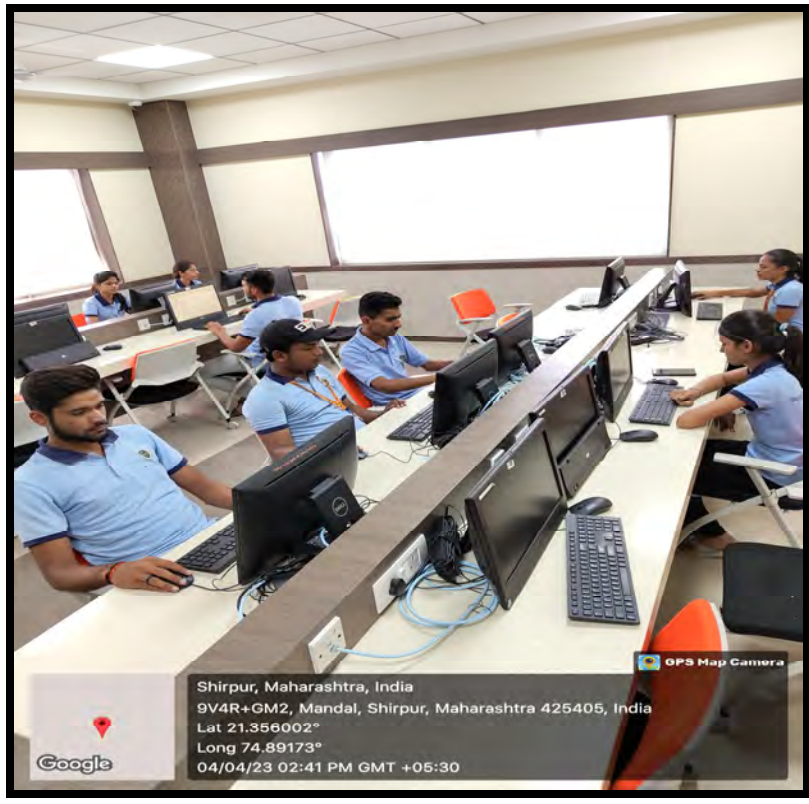
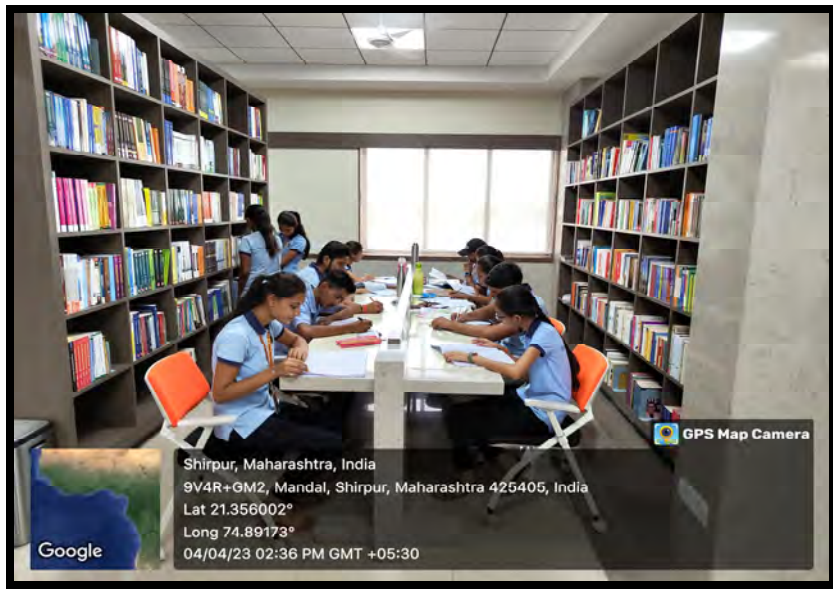




8.2 Central Library - (Competitive Exam Cell)

College library signed Memorandum of Understanding (MoU) with SVKM's Ketkiben Mukesh Bhai Patel Central Library, Shirpur. Through this MoU college's students and staff members can avail books for competitive examinations, online resources for research and other facilities held by SVKM's Ketkiben Mukesh Bhai Patel Central Library.





8.3 Girls Hostel







8.4 Boys Hostel





8.5 Electricity/ Power Supply Back-up Provisions

The college relies on two diesel power supply generators and solar panels (off-grid and on) to cover its emergency electrical needs. The college's first generator is close to the botanical garden, while the second is situated between the drinking water facility and the girls' common area. Each of the generators generates and supplies 15 kW of electricity. On the main building's terrace are 63 solar panels in total. The output/electricity produced by these solar panels is 15 kW and 5 kW apiece.





Power Backup UPS room

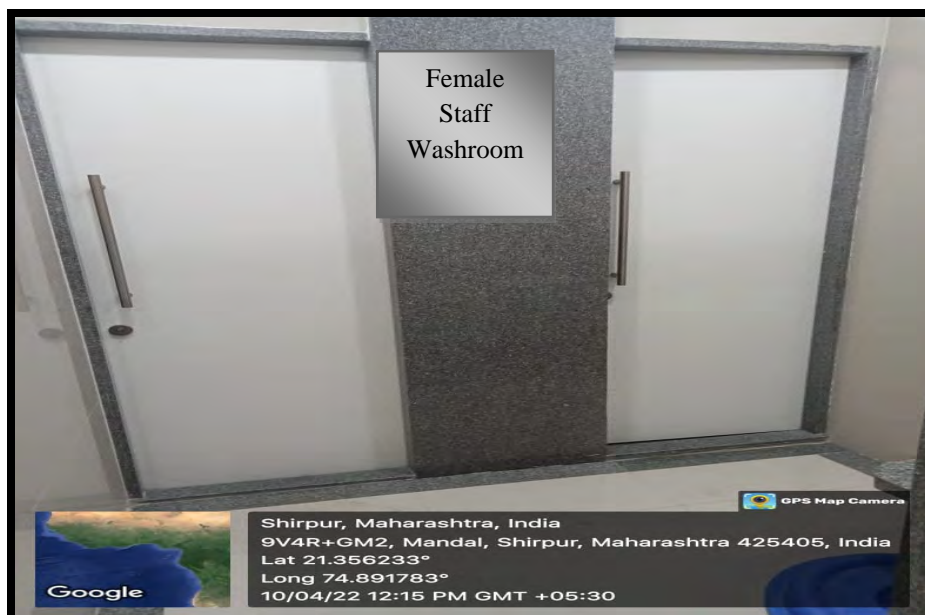
8.6 Solar Panels Unit



8.7 Sanitation Facilities



Washroom for Male Staff



Washroom for Female Staff

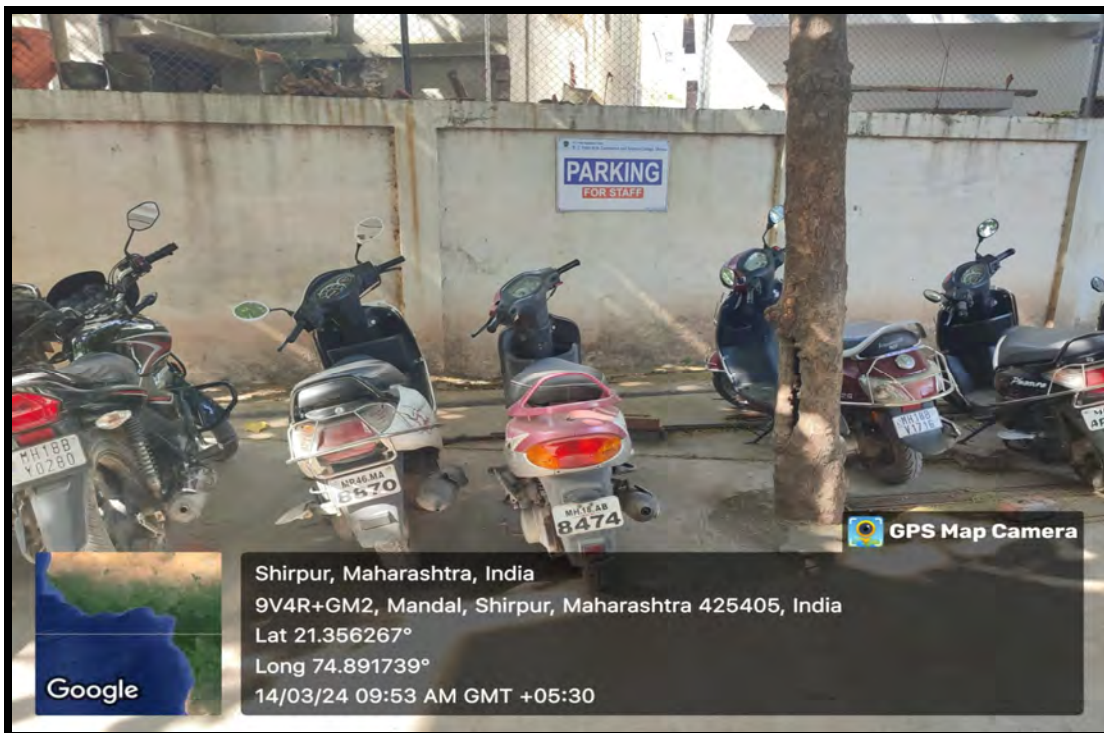
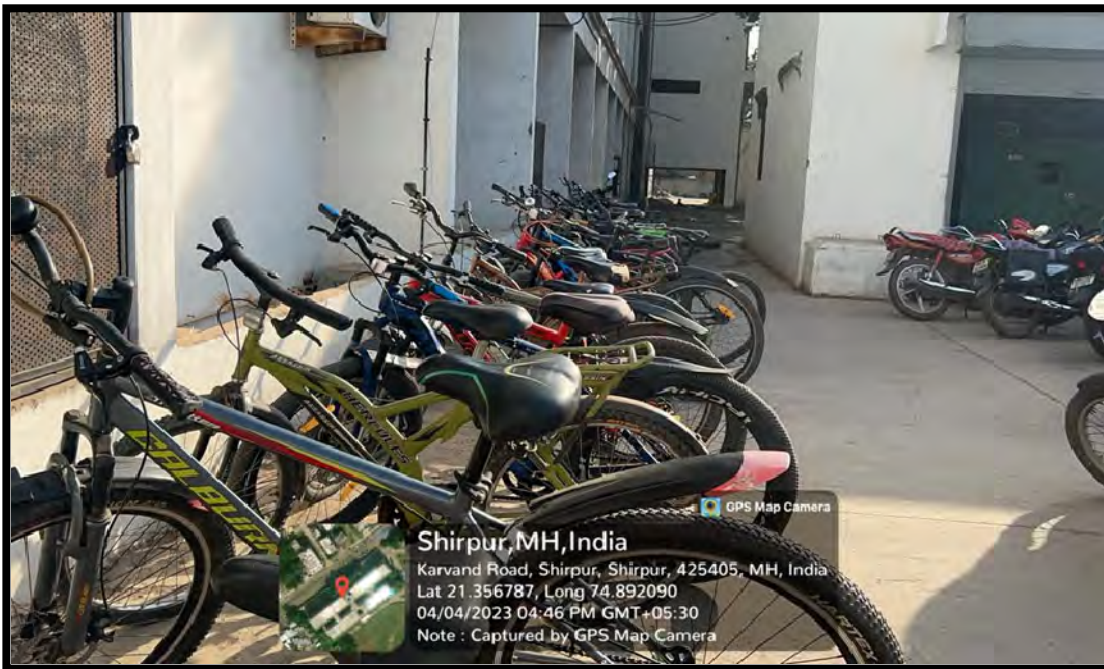


Washroom for Girls Students



Washroom for Boys Students

8.8 Parking Facilities:



8.9. Guest House:



8.10 Botanical Garden

R.C. Patel A.C.S. College, Shirpur

Medicinal Plant Garden Layout - (Total area: 75X 45= 3375 Sq. ft.)

Medicinal Plant Garden

1	14	15	26	27	38	39	50	51	62	63	74
2	13	16	25	28	37	40	49	52	61	64	73
3											
4	12	17	24	29	36	41	48	53	60	65	72
5										66	71
6	11	18	23	30	35	42	47	54	59		
7	10	19	22	31	34	43	46	55	58	67	70
8	9	20	21	32	33	44	45	56	57	68	69

Sr. No.	Particulars	Description
1	Area	3375 Sq. ft.
2	Demarcation	75X45 Sq. ft.
3	Arrangement	Permanent
4	Plants under shade	10
5	Total number of medicinal plants	74

List of Medicinal Plant -

NO	Plant Name	Vernacular Name	Botanical name	Parts used	Chemical constituents	Uses
1	Neem	कडुलिंब	<i>Azadirachta indica</i> Meliaceae	Leaves	Azadirachtin	Mosquito repellent , antimicrobial
2	Gulvel	गुळवेल/ गुडूची	<i>Tinospora cordifolia</i> Menispermaceae	Leaves	Columbin, tinosporaside, jactrorhizine	Remove toxins, purifies blood, fights bacteria
3	Golden duranta	पिवळीमेंदी	<i>Duranta erecta</i> Verbenaceae	Leaves	Alkaloids	Antimicrobial, insecticide
4	Homali	होमाली	<i>Homalium cochinchinense</i> Salicaceae	Leaves	Tocotrienol	Anti-inflammatory
5	Techoma	टिकोमा	<i>Cyananthus flavus</i> Campanulaceae	Leaves	Alkaloids	Antimicrobial
6	Red powder puff	पावडर पफ	<i>Calliandra haematocephala</i> Fabaceae	Leaf	Pipecolic acid	Blood purifier, anti-oxidant
7	Gardenia	गंधराज	<i>Gardenia jasminoides</i> Rubiaceae	Fruits	Irridoids	treat certain febrile conditions
8	Mahua	महु	<i>Madhuca longifolia</i> Sapotaceae	Fruit Stem bark	Alkaloids, saponins, carbohydrate	Skin diseases, expectorant
9	Java Plum	जांभूळ	<i>Syzygium cumini</i> Myrtaceae	Seed	Jambosine	Antidiabetics
10	Bidi leaf tree	अपटा	<i>Bauhinia racemosa</i> Fabaceae	Leaf	α -amyrin β - amyrin	Rashes, Pimples, Acne, Abscess, and Ulcers, Cough
11	Sweet basil	सब्जा	<i>Ocimum basilicum</i> Lamiaceae	Leaves	Eugenol	Laxative
12	Sweet flag	वेखंड	<i>Acorus calamus</i> Acoraceae	Root	flavonoids, lectins, phenols, and saponins	Ulcers, gastritis, diarrhea, intestinal gas flatulence
13	Beech	करंज	<i>Pongamia pinnata</i>	Leaves	Flavonoids and steroids	Gonorrhea

Criterion IV Infrastructure and Learning Resources

			Fabaceae			
14	Devil tree	सप्तपर्णी	<i>Alstonia scholaris</i> Apocynaceae	Bark	Alkaloids	treat ulcers fever, malaria, Asthma
15	Indian gooseberry	आवळा	<i>Phyllanthus emblica</i> Phyllanthaceae	Fruit	Vit C	Anti-oxidant, scurvy
16	Sugar apple	सीताफळ	<i>Annona squamosa</i> Annonaceae	Leaves, bark	Alkaloid-annonaine,	Cold remedy and to clarify urine.
17	Rose	गुलाब	<i>Rosa species</i> Rosaceae	Flower	Essential oil	Cosmetics
18	Jasmine	मोगरा	<i>Jasminum sambac</i> Oleaceae	Flowers leaves and the roots	Sambacoside	Headache, epilepsy, ulcer, galactorrhea, impotency, wounds, itches
19	Custard apple	रामफळ	<i>Annona reticulata</i> Annonaceae	Leaves	Annonaretin A	Immunomodulatory
20	Sweet tamarind	विलायती चिंच	<i>Pithecellobium dulce</i> Fabaceae	Bark and pulp	Triterpenoids	Astringent and hemostatic
21	Drumstick	शेवगा	<i>Moringa oleifera</i> Moringaceae	fruit	Fatty acid	Balance vata and kapha
22	Lemon grass	गवती चहा	<i>Cymbopogon citratus</i> Poaceae	Leaves	Citronellal, limonene	Stomachache, high blood pressure, convulsions, vomiting, rheumatism
23	Castor	एरंड	<i>Ricinus communis</i> Euphorbiaceae	Seed	Ricinoleic acid	Laxative
24	Gurmar	गुडमार	<i>Gymnema Sylvestre</i> Apocynaceae	Leaves	Gymnemic acids	Anti-diabetic
25	Coleus	गंधतुलस	<i>Plectranthus scutellarioides</i> , Lamiaceae	Leaves	Eugenol	Epilepsy, Insomnia, Dysphagia
26	Chaste tree	निर्गुडी	<i>Vitex negundo</i> Lamiaceae	Leaf, root, seeds	Vitegnoside	Anti-mosquito, anti-anxiety, antimicrobial
27	Flame of forest	पळस	<i>Butea monosperma</i> Fabaceae	Bark	Butrin, butein, butin,	treat Intestinal infection, ulcer, Male Dysfunction
28	Arjuna	अर्जुन	<i>Terminalia</i>	Bark	Arjunin	Astringent

Criterion IV Infrastructure and Learning Resources

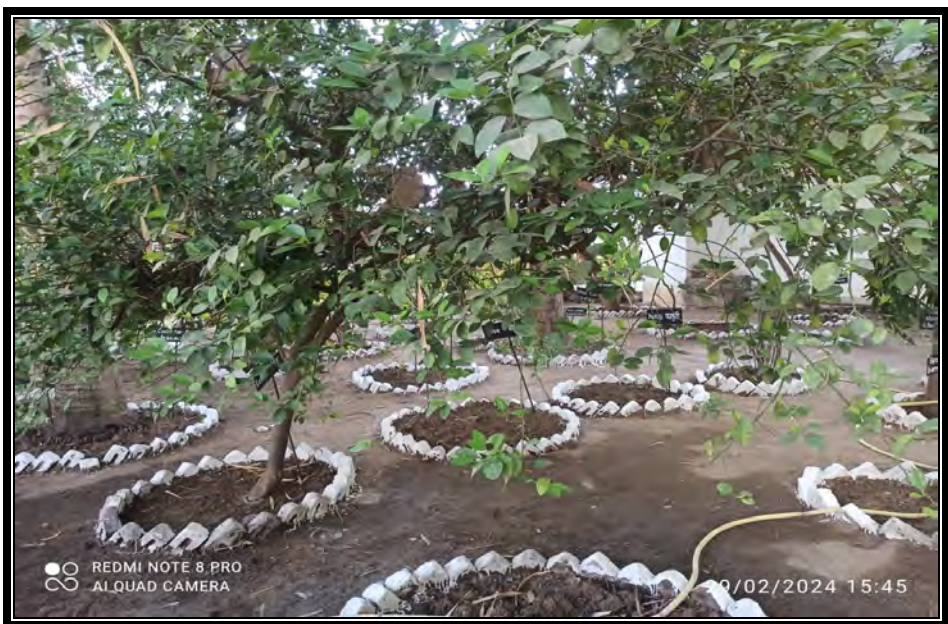
			<i>arjuna</i> Combretaceae			
29	Vasaka	अडुळसा	<i>Adhatoda vasica</i> Apocynaceae	Leaf	Vasicine	Expectorant
30	Night-flowering jasmine	पारीजातक	<i>Nyctanthes arbor-tristis</i> Oleaceae	Leaf, Bark	Iridoid glycosides.	Sciatica and arthritis, Leishmaniasis
31	Ram Tulsi,	रानतुळस/ रामतुळस	<i>Ocimum gratissimum</i> Lamiaceae	Leaf	Eugenol, thymol, citral, geraniol and linalool	Insect repellent, analgesic
32	Cascabela	पिवळा कन्हेर	<i>Thevetia peruviana</i> Apocynaceae	Leaf	Cardioactive glycosides	Emetic
33	Indian shot	कर्दळ	<i>Canna indica</i> Cannaceae	Leaf	Triacantanol	Insecticidal
34	Bael	बेल	<i>Aegle marmelos</i> Rutaceae	Leaves, fruits, stem	Aeglemarmelosine	Astringent, antidiarrheal anti-dysenteric, demulcent,
35	Blue pea	गोकर्ण	<i>Clitoria ternatea</i> Fabaceae	leaves	Triterpenoids, flavonol glycosides, cliotides	Antimicrobial
36	Ashwagandha	अश्वगंधा	<i>Withania somnifera</i> Apocynaceae		Ashwagandha	अश्वगंधा
37	Broken Bones	टेटु / श्योनक	<i>Oroxylum indicum</i> Bignoniaceae	Leaves	Baicalein, pinostrobin	Aphrodisiac, expectorant, anthelmintic
38	False Ashok	देवदार	<i>Polyalthia longifolia</i> Annonaceae	Leaves	Clerodane-type diterpenes	antipyretic
39	Spiny barleria	काटे कोरांटी	<i>Barleria cuspidata</i> Acanthaceae	Leaves	Barlerinoside	Treat snake bites, dog bites, swelling, bleeding wounds and rheumatism.
40	Firecracker flower	अबोली	<i>Crossandra infundibuliformis</i> Acanthaceae	Flower	Terpenoids, and Alkaloids	Against snake venom
41	Rosary Pea	गुंज	<i>Abrus precatorius</i> Fabaceae	Leaves	Triterpene glycosides, abrin and alkaloids	treat tetanus, prevent rabies
42	Myrobalan	बेहडा/ विभितक	<i>Terminalia bellirica</i> Combretaceae	Fruit	Gallic acid, ellagic acid, ethyl gallate, galloyl glucose and chebulaginic acid.	Health-harmonizer
43	Lemon	लिंबू	<i>Citrus limon</i> Rutaceae	Fruit	Limonene, citric acid, citral	Asthma, anti-bacterial

Criterion IV Infrastructure and Learning Resources

44	Aloe	कोरफड	<i>Aloe vera</i> Asphodelaceae (Liliaceae)	Leaves	Aloin , Vitamin E	Burns, sunburn, frostbite, psoriasis and cold sores
45	Panfuti	पानफुटी	<i>Bryophyllum pinnatum</i> Crassulaceae	Leaves	Alkaloids, phenols, flavonoids, tannins, anthocyanins	kidney stone, antidiabetics
46	Fenugreek	मेथी	<i>Trigonella foenum-graecum</i> Fabaceae	Leaves and seed	Carbohydrate, saponin alkaloids	Antimicrobial, Nutritive
47	Touch me not	लाजाळू	<i>Mimosa pudica</i> Fabaceae	Leaves	Toxic alkaloid mimosine	Anti-proliferative and apoptotic
48	Guava	पेरू	<i>Psidium guajava</i> Myrtaceae	Leaves, fruits	Guajanoic acid	Vomiting, diarrhea, gastroenteritis, spasmolytic
49	Datura	धोतरा	<i>Datura stramonium</i> Solanaceae	Leaves	Scopolamine, atropine	Anti-asthmatic, antispasmodic, hypnotic and narcotic.
50	<i>Plumeria / Frangipani</i>	चाफा	<i>Plumeria obtusa</i> Apocynaceae	Leaves stem bark	Volatile oil	Purgative or as a remedy against oedema
51	Veldt Grape	हाडजोड	<i>Cissus quadrangularis</i> Vitaceae	All parts	Iridoids, flavonoids, stilbenes and triterpenes	Obesity, diabetes
52	Teak	साग	<i>Tectona grandis</i> Lamiaceae	Leaves	Essential oil	Anti-bacterial, anti- oxidant, anti-fungal, anti-inflammatory, anti- pyretic
53	Curry tree	कढिपत्ता	<i>Murraya koenigii</i> Rutaceae	Leaves	α -pinene, sabinene, β - pinene, β - caryophyllene	Anti-diabetic
54	Palm	पाम	<i>Cocos nucifera</i> Arecaceae	Leaves	Fatty acid	Ornamental
55	Betel leaf	नागीनचे पान	<i>Piper betle</i> Piperaceae	Leaves	4-allyl resorcinol	treat cough and cold
56	Carry Me Seed	भुईआवळा	<i>Phyllanthus niruri</i> Phyllanthaceae	Leaves and fruit	flavonoids, alkaloids, terpenoids	hepatoprotective, antiviral, anticancer, antidiabetic, virility enhancers
57	Pellitory	अक्कलकारा	Anacyclus pyrethrum Asteraceae	Root	pyrethrin	virility enhancers
58			<i>phyllanthus glaucus</i> Phyllanthaceae	Leaves	Lignan	Anti-cancer
59	Hibiscus	जास्वंद	<i>Hibiscus rosa- sinensis</i> Malvaceae	Root, Leaves flower	Vitamins, thiamine, riboflavin, niacin	Anti-diarrhea, laxative

Criterion IV Infrastructure and Learning Resources

					and ascorbic	
60	Physic nut	मोगली एरंड /जमाल घोटा	<i>Jatropha curcas</i> Euphorbiaceae	Leaves	Nobiletin , β -sitosterol , taraxerol	Cancer, digestive, respiratory and infectious diseases.
61	Indian snakeroot	सर्पगंधा	<i>Rauwolfia serpentina</i> Apocynaceae	Root	Reserpine , Rescinnamine	Antihypertensive
62	Papaya	पपई	<i>Carica papaya</i> Caricaceae.	Unripe fruit, latex	Papain	Meat tenderizer
63	Blue gum	निलगिरी	<i>Eucalyptus globulus</i> Myrtaceae	Leaves	Cineol	Nasal decongestant, arthritis,
64	Satawari	शतावरी	<i>Asparagus racemosus</i> Asparagaceae	Root	Shatavarin	Galactagogue
65	Galangal	कोष्ठकुलिंजन	<i>Alpinia galangal</i> Zingiberaceae	Rhizome	Carotol, cineole, Camphor	promote digestion and stimulate appetite
66	Periwinkle	सदाफूली	<i>Catharanthus roseus</i> Apocynaceae	Leaves	Vincristine, vinblastine	Anticancer
67	Holy basil	तुळशी	<i>Ocimum tenuiflorum (sanctum)</i> Lamiaceae	Leaves	Eugenol, carvacrol, linalool	Anti-bacterial
68	Mango	आंबा	<i>Mangifera indica</i> Anacardiaceae	Seed	Polyphenols	Asthma and as an astringent
69	Sapodilla	चिकू	<i>Manilkara zapota</i> Sapotaceae	Leaves	methyl chlorogenate, dihydromyricetin	Inflammation
70	Ginger	आले	<i>Zingiber officinale</i> Zinziberaceae	Rhizome	Gingerol, paradols, and shogaol	Morning sickness and motion sickness.
71	Peppermint	पुदीना	<i>Mentha piperita</i> Lamiaceae	Leaves	Menthol and Menthone	fragrance to foods, cosmetics, soaps, toothpastes, mouthwashes
72	Coriander	कोथिंबीर	<i>Coriandrum sativum</i> Apiaceae	Leaves and fruit	Coriandrol	Digestive, carminative
73	Fennel	बडीशेप	<i>Foeniculum vulgare</i> Apiaceae	Fruit	Fenchone, limonene	Carminative, aromatic
74	Bamboo	बांबू	<i>Bambusa vulgaris</i> Poaceae	Leaves	Polysaccharides	Stimulant, astringent, febrifuge, tonic, antispasmodic, and aphrodisiac.





8.11. Health Care Center





8.12. Student Consumer Store:



8.13 Canteen



8.14 Security (Through Security Guard and CCTV Camera):

Security Guards - On Main Gate (Two different guards for day and night shift)

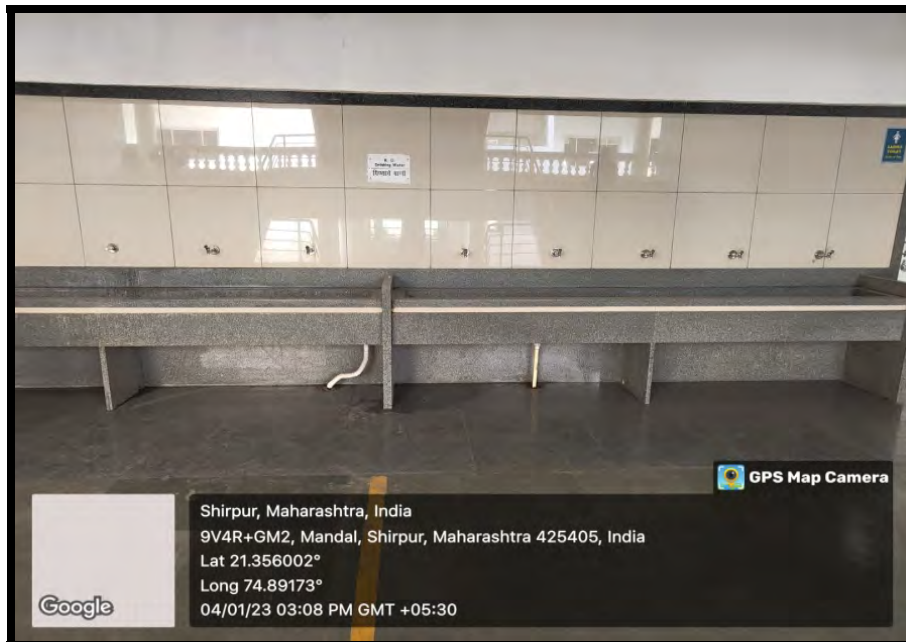


➤ CCTV Camera on Main Gate and Lift



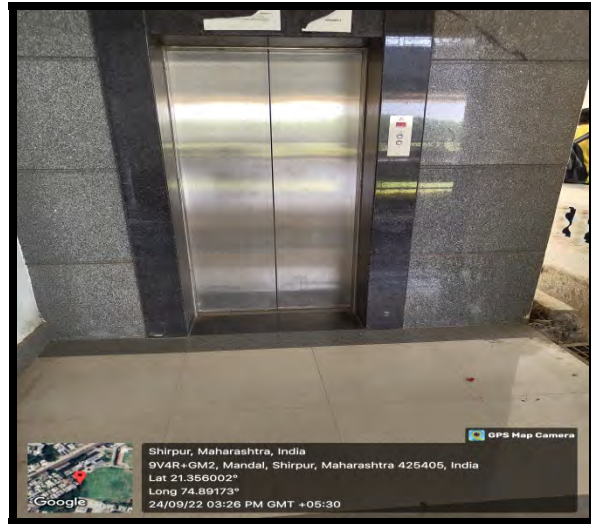


8.15 Drinking Water Facility





8.16 Lift-



8.17 Ramp facility for handicap students



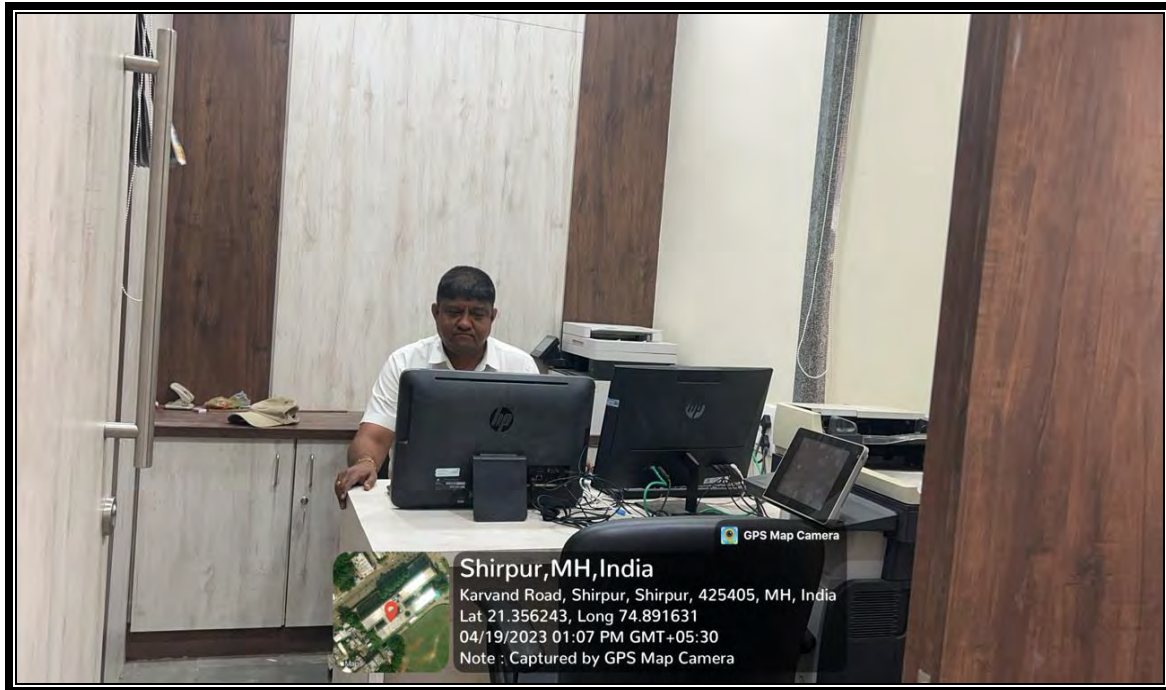
8.18 Biometric attendance of students:



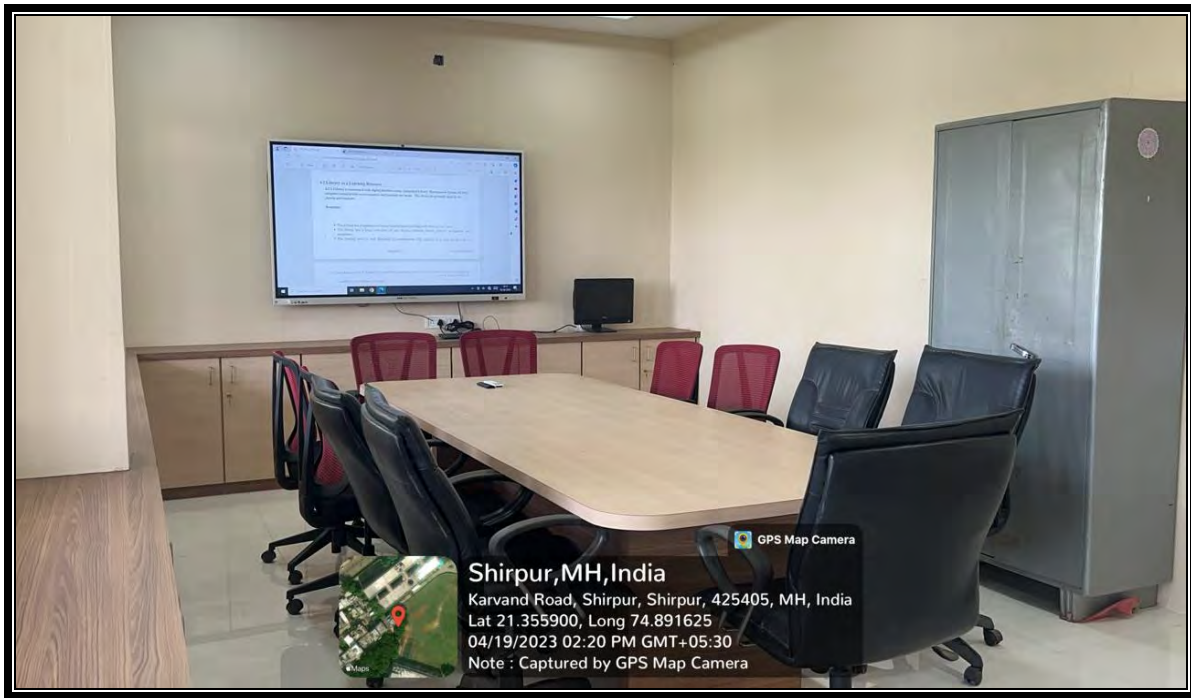
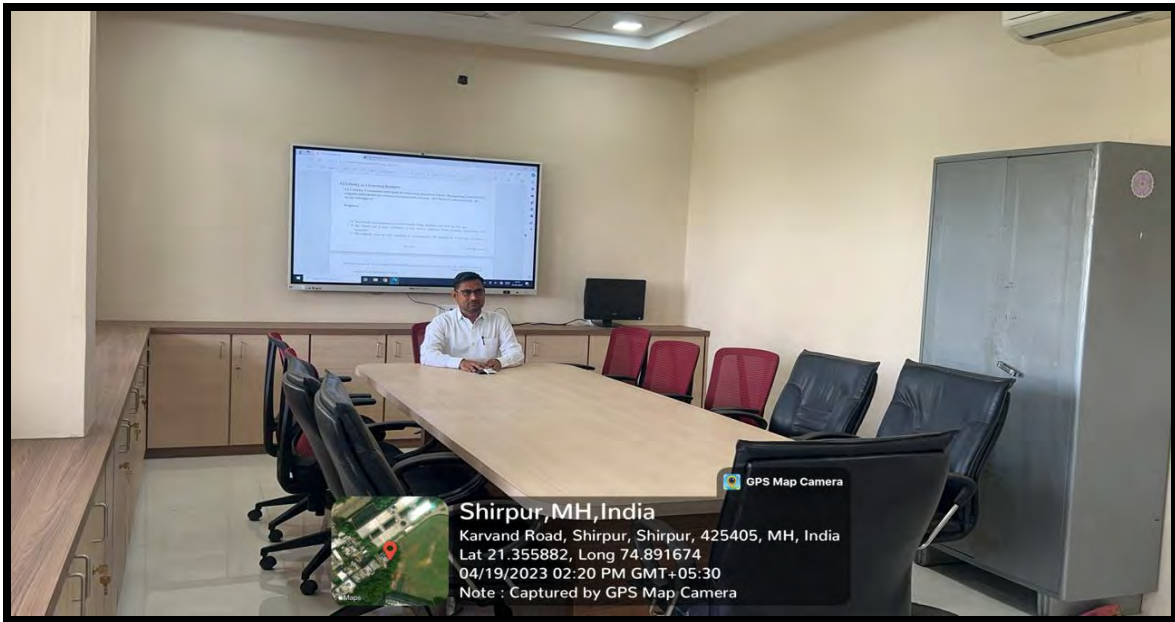
8.19 Central Assessment Program Hall:



8.20 Online University Question Paper Delivery Section Hall

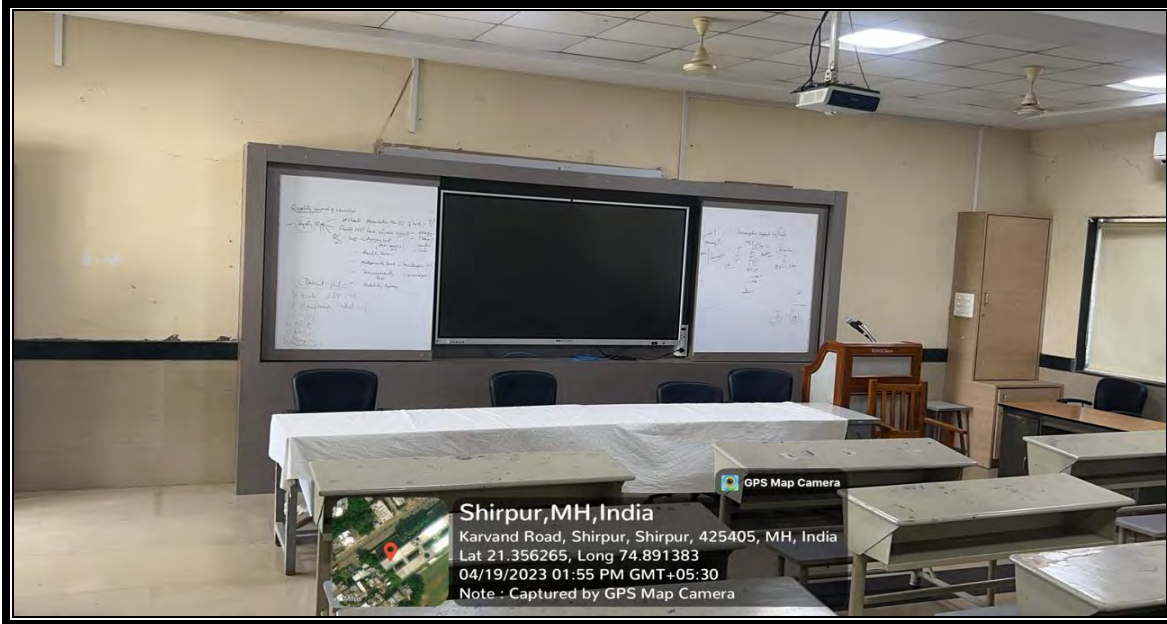


8.21 IQAC:



8.22 Seminar Hall

Seminar Hall - I



Seminar Hall - II



Seminar Hall – III (Shri. S. M. Patel Hall)

