



Shri Shivaji Education Society, Amravati's
SCIENCE COLLEGE

Congress Nagar, Nagpur - 440 012 (M.S.) INDIA

'A+' Grade with 3.51 CGPA in 3rd Cycle
College with Potential for Excellence
Recognised Centre for Higher Learning & Research
Institutional Member of APQN
A Mentor College under UGC PARAMARSH Scheme
An ISO 21001:2018 Certified Institution
NIRF 2024 Rank-band : 201-300



E-mail: shivajiscience_ngp@yahoo.com Web : www.sscnagpur.ac.in



4th Cycle

Assessment & Accreditation by NAAC

CRITERIA- IV Infrastructure and Learning Resources (100)

Key Indicator 4.1 Physical Facilities (30)

Metric No.: 4.1.1 Q1M The Institution has adequate infrastructure and other facilities for a. teaching – learning, viz., classrooms, laboratories, computing equipment etc

b. ICT – enabled facilities such as smart class, LMS etc. Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc

INDEX		
Sr. No.	Description	Page No.
1	Self-Declaration	4
2	Introduction to College	5
3	Administrative Office & IQAC	7
4	Total Number of Classrooms & SMART Classrooms	8
5	Conference Hall	9
6	Departments & Laboratories	9
7	Staff Rooms	9
8	Details of Sports Facilities	11
9	Library	12
10	Toilets & Washrooms	12
11	Ramps	13
12	University Examination Office	13
13	NCC Unit	13
14	NSS Unit	14
15	Hostel Facility	14
16	Canteen	14
17	Solar Power Plant	14
18	Other Infrastructural Facilities	15
19	Photo of Master Plan	16
20	Photo of Land record	19

21	Photo of College Entry View	21
22	Photo of College Internal View	21
23	Photo of Administrative Building	23
24	Photo of Principal Office	24
25	Photo of Administrative Office	25
26	Photo of IQAC Office	27
27	Photo of ICT Class Room	28
28	Photo of Meeting Hall	37
29	Photo of Conference Hall	37
30	Photo of Research center	39
31	Photo of Computer Science Department	42
32	Photo of Physics Department	45
33	Photo of Zoology Department	48
34	Photo of Microbiology Department	50
35	Photo of Bio-Technology Department	52
36	Photo of Botany Department	54
37	Photo of Chemistry Department	56
38	Photo of Electronics Department	58
39	Photo of Geology Department	60
40	Photo of English and Language Laboratory	62
41	Photo of Mathematics Department	63
42	Photo of NSS	64

43	Photo of NCC	66
44	Photo of Library Office	67
45	Photo of Central Library	68
46	Photo of Reading Room	69
47	Photo Book Issue Counter & Library Book Access for student	70
48	Photo of Newspaper Reading Facility for students	70
49	Photo of Ground View	71
50	Photo of Department of Physical Education & sport	72
51	Photo of Gymnasium	73
52	Photo of Other Infrastructural Facilities	74

Self-Declaration



Shri Shivaji Education Society, Amravati's
SCIENCE COLLEGE

Congress Nagar, Nagpur- 440 012 (M.S.) INDIA

- Tel : +91-712 - 2423432 (O) • Telefax : +91-712 - 2440955
- E-mail : shivajiscience_ngp@yahoo.com
- Web : www.sscnagpur.ac.in

Shri Harshvardhan P. Deshmukh
President

Dr. Omraj S. Deshmukh
Principal

- 'A+' Grade with 3.51 CGPA (3rd Cycle) Reassessment College by NAAC, Bangalore
- A College with Potential for Excellence identified by UGC, New Delhi
- Member, APQN (Asia Pacific Quality Network)
- Recognized Centre for Higher Learning & Research
- Mentor College under 'Paramarsh Scheme' UGC, New Delhi
- An ISO 21001 : 2018 Certified Institution



Dr. Panjabrao alias Bhausaheb Deshmukh
Founder President

No. Sc.

Date :

Self Declaration

This is to certify that, the information, reports, true copies of the supporting documents, numerical data, and weblinks furnished in this file are verified by IQAC and the head of the institution and found correct.

Dr. A. A. Halder
IQAC Coordinator
S.S.E.S.A's
Science College, Nagpur

Dr. O. S. Deshmukh
Principal
S. S. E. S. Amravati's
Science College, Nagpur.



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 center, games (indoor and outdoor), Gymnasium, auditorium, etc.

The campus is spread over 3 acres of land with a built-up area of 12052.57 sq. mt. There are three multi-storied buildings with 50MBPS data plan Wi-Fi facilities named Block A, Block B, and Block C. Girls’.

1. Hostel: Ladies Gym, Guest House for resource persons, Guest room for guardians, warden accommodation, and dining hall. Facilities are available as follows. Classrooms: 20 spacious classrooms with glass boards, digital boards, a dais, and a podium.

2. Technology Enabled Learning Spaces: All departments are well equipped with LCD, ICT, Wi-Fi, and Leased line connection, Computers, and Laptop. The library is equipped with ICT, e-books, and e-journals. The Audio-Visual Room with ICT and Video Conferencing facility is available.

3. Conference Hall/ Seminar Hall: The Conference Hall carpet area is 278.39 sq. mt., seating capacity of 350. One meeting hall with a carpet area of 50.167 sq. mt.

4. Laboratories: There are 31 well-equipped laboratories.

5. Museum: Departments of Zoology, Geology, and Botany have museums.

6. Botanical Garden: A well-maintained botanical garden on the terrace of block C building where the students study flora and fauna and different aspects of medicinal plants.

7. CCTV Surveillance: The complete campus is under CCTV Surveillance.

Sports: The following sports facilities are available in the college. Outdoor

- Games: A spacious playground is available for outdoor games viz. Cricket, Athletics, Softball, Football, Volleyball, Basketball, etc. on the college campus.
- Indoor Games: Facilities for sports like Chess, Table Tennis, etc, are provided to students on the college campus. The college shares an indoor badminton court available on the same campus belonging to Dhanwate National College, a college run by our parent society.

Gymnasium: The college has a well-equipped Gymnasium for girls with all the advanced equipment. The facility of Gymnasium belongs to Dhanwate National College, a college run by our parent society is made available for boys.

Auditorium: The college shares an auditorium with our sister institution on the campus with a seating capacity of around 350 for special seminars or cultural activities.

Public speaking and communication skills development: The language laboratory enables the students to acquire communication skills with proficiency in syntax, grammar, phonetics, and pronunciation.

Yoga: The Department of Physical Education creates awareness regarding the importance of yoga asanas, and different kinds of exercises to maintain the good health of students and staff. The NSS unit organizes Yoga classes for the staff and students in the morning during NSS camp.

NCC and NSS: The College has NCC units of 100 Girls students and NSS units of 100 students.



**SSES Amravati's Logo
Deshmukh**



**Dr. Panjabrao
Founder, SSES Amravati**

Detail of the facilities available in the college:**IQAC & Administrative Office**

IQAC in any institution is a significant administrative body responsible for all quality imparted in the institution. A special, spacious room is allotted to IQAC in matters. It is the prime responsibility of IQAC to initiate, plan and supervise various activities which are necessary to increase the quality of the education our college with required ICT facilities. The meetings of IQAC members are arranged and the NAAC work is carried out in the IQAC.

Sr. no.	RoomNo.	Description	Area insq. mt.
1	1	Administrative Office	82.085
		Superintendent Cabin	10.25
2	2	Principal Cabin	28.263
3	3	IQAC	45.24

Classrooms and Conference Halls

1. Total number of classroom: 20 Class Rooms:

The institution provides basic facilities in the classrooms. The available classrooms and seating capacity are as follows:

Sr. no.	Room No.	Description	Seating Capacity	Area in sq. m
1.	B1	Class room	50	50.732
2.	B2	Class room	50	52.535
3.	B3	Class room	50	51.745
4.	B5A	Class room	50	51.745
5.	B5	Class room	50	51.745
6.	B6	Class room	50	52.56
7.	B7	Class room	60	51.35
8.	B9	Class room	120	112.095
9.	B12	Class room	120	102.41
10.	B13	Class room	60	40.25
11.	C1	Class room	50	51.745
12.	C2	Class room	50	51.745
13.	C4	Class room	60	52.56
14.	C5	Class room	60	78.52
15.	C6	Class room	60	51.26
16.	C7	Class room	60	45.25
17.	C8	Class room	60	45.52
18.	C9	Class room	60	78.52
19.	C10	Class room	60	78.52
20.	A9	Class room	50	51.745

2. Conference Hall:

Speeches and Guest Lectures are organized in Conference Hall and the cultural activities are organized in the Conference Hall. For the Annual gathering open theatre is used to organize the cultural programmes. The area of the Conference Hall is given in the following table.

Sr. No.	Description	Area in sq. mt.
1	Conference Hall	278.39
2	Meeting Hall	50.16

3. Departments & Laboratories:

Thirty-one laboratories functioning in the institution in the following subjects: Physics, Chemistry, Computer Science, Electronics, Botany, Zoology, Biotechnology, Microbiology, Geology, Statistics, and Languages (UG and PG).

All these Laboratories are well-equipped to meet the requirements of the students. Six departments are recognized for Higher learning and Research (Ph.D. Programmes in 1. Chemistry, 2. Computer Science, 3. Mathematics, 4. Physics, 5. Botany, and 6. Zoology). The English Language Laboratory is equipped with language learning software.

Sr. no.	Room No.	Description	Area insq. mt.
1.	1	Department of Biotechnology UG Laboratory	63.42
2.	2	Department of Biotechnology Staff Room	13.23
3.	3	Department of Botany UG/PG Laboratory	250.467
4.	4	Department of Botany Staff Room	18.58
5.	5	Department of Electronics UG Laboratory	52.45
6.	6	Department of Electronics Staff Room	9.900

7.	7	Department of Statistics	25.50
8.	7	Department of English Staff Room	8.80
9.	8	Department of Languages Laboratory	33.110
10.	9	Department of Geology UG Laboratory	55.45
11.	10	Department of Geology Staff Room	12.338
12.	11	Department of Chemistry HOD + Staff Room	545.788
	12	Department of Chemistry UG Laboratory	
	13	Department of Chemistry PG Laboratory and Research Centre	
13.	14	Department of Computer Science PG Laboratory and Research Centre	557.4182
	15	Department of Computer Science UG Laboratory	
	16	Department of Computer Science Staff Room	
	17	Department of Sport	9.945
14.	18	Department of Physics Lab-1	552.27
	19	Department of Physics Staff Room	
	21	Department of Physics Lab-2	
15.	22	Department of Mathematics	15.510
16.	23	Department of Zoology UG Laboratory	248.801
	24	Department of Zoology Research Laboratory	
	25	Department of Zoology Staff Room	
17.	26	Department of Microbiology UG Laboratory	57.22
18.	27	Department of Microbiology Staff Room	24.92

Detailed Sports Facilities:

The following are the details of the individual infrastructure available in the college to run the extracurriculars efficiently:

➤ **Sports, Games**

For all-around development of the student various Sports Activities are organized. The college has a big playground to serve the needs of students. Almost all the playgrounds for outdoor games are available.

➤ **Gymnasium**

A well-equipped gymnasium is available for the students. Students have to pay entry fees monthly. The revenue generated is used for the maintenance of the equipment.

➤ **Yoga Centre**

A Yoga Centre has been established in the College.

➤ **Ground & Sport Facility**

Sr. No.	Description	Area insq. mt.
1	Sport Department & Gymnasium	90.21

The college has a big playground to serve the needs of students. The following sports facilities are available.

Sr. No.	Sports Ground	Area/ Size/ Facility
1	Running Track	90x80 mtr
2	Cricket Ground	3.62 acre
3	Football Ground	95x80 mtr
4	Kho-Kho Ground	27x16 mtr
5	Kabaddi Ground	13x10 mtr
6	Volleyball Ground	9x18 mtr
7	Cricket Net for Practice	30x3 mtr 20.12 x3.5 mtr

Library:

The library of the college has adequate space of 1525 sq. ft. Carpet Area to meet the requirement of students and teachers. There is Special Reading Room for the students with the area of 525 Sq. ft. where after borrowing books and periodicals from the Library, the students can devote themselves to studies in calm and quite atmosphere. The Library is well furnished with necessary furniture and cupboards to store the books and periodicals.

Sr. No.	Description	Area in sq. m
1	Library	266.515
2	Reading Room	49.45
3	Book Issue Section	11.67

Toilets & Wash Rooms:

A clean and well-maintained toilet facility is an essential requirement for both students and staff at the college. The campus is equipped with separate washrooms for male and female students. Additionally, female staff members have access to a dedicated restroom on the ground floor, while a separate washroom is available for male staff members. For male students, there are also two urinals provided to ensure convenience. These facilities are regularly maintained to ensure hygiene and comfort for everyone.

Sr. No.	Description	Area in sq.mt.
1	Gents Toilet (Block-B Ground Floor)	13.11
2	Gents Toilet (Block-B 3 rd Floor)	11
3	Girls Toilet (Block-B Ground Floor)	8.99
4	Girls Toilet (Block-B 3 rd Floor)	12.10
5	Gents Toilet (Block-C Ground Floor)	15.14
6	Gents Toilet (Block-C 3 rd Floor)	13
7	Girls Toilet (Block-C Ground Floor)	10.12
8	Girls Toilet (Block-C 3 rd Floor)	13.81
9	Toilet (Block-A)	6.12

Ramp:

One of the major objectives of Higher Education Institutes is to develop inclusiveness in education system by providing access to differently abled students and employees. Facility of ramp is the indicators in this regard. Our college provides the ramp facility for the easy access to the Block-A, Block-B and Block-C first floor.

Sr. No.	Description	Area in sq. mt.
1	Ramp 1 (Block-A)	5.5
2	Ramp 2 (Block-B)	5.5
3	Ramp 3 (Block-C)	3.2

University Exam Office:

For university examination administration work a special office is established in the college. The Office is equipped with a Desktop, Printer and Internet Connection. The winter and summer university examinations are administered from the office.

Sr. No.	Description	Area insq. m
1	University Exam Section	45.50

NCC Unit:

The National Cadet Corps (NCC) helps for nation-building. It provides exposure to the cadets in a wide range of activities, with a distinct emphasis on Social Services, Discipline, and Adventure Training. The NCC unit of our college provides a platform through which the cadets can shape their future path, build up courage, team spirit, leadership and most importantly healthy mind-set to face hardships.

Sr. No.	Description	Area in sq. mt.
1	NCC Office	10.11

NSS Unit

The NSS Unit of the college works very effectively by participating in the various society-oriented work.

Sr. No.	Description	Area in sq. mt.
1	NSS Unit	11.13

Hostel Facility

A hostel facility is available for Girls in which our college students are accommodated. The average Number of students who stayed in the Hostel was 100.

Sr. No.	Description	Area in sq. mt.
1.	Girls Hostel	24387.19

Canteen

In the interval students can refresh themselves by taking tea or coffee in the college canteen. Some snacks are also available in the canteen at low price for students. Students enjoy refreshment in the open space available in front of the canteen.

Sr. No.	Description	Area in sq. mt.
1	Canteen	65.35

Solar Power Plant

The solar energy is a clean, green source of energy. Solar power is a great way to reduce carbon in the atmosphere. There's nothing about solar power that pollutes the nature. Solar power doesn't release any greenhouse gasses, and it uses absolutely no other resources. Hence, it's safe and environmentally-friendly. In our college 80 kW Solar Power Panel is installed.

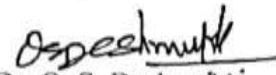
Other Infrastructural Facilities

The other infrastructural facility provided to the stake holders are:

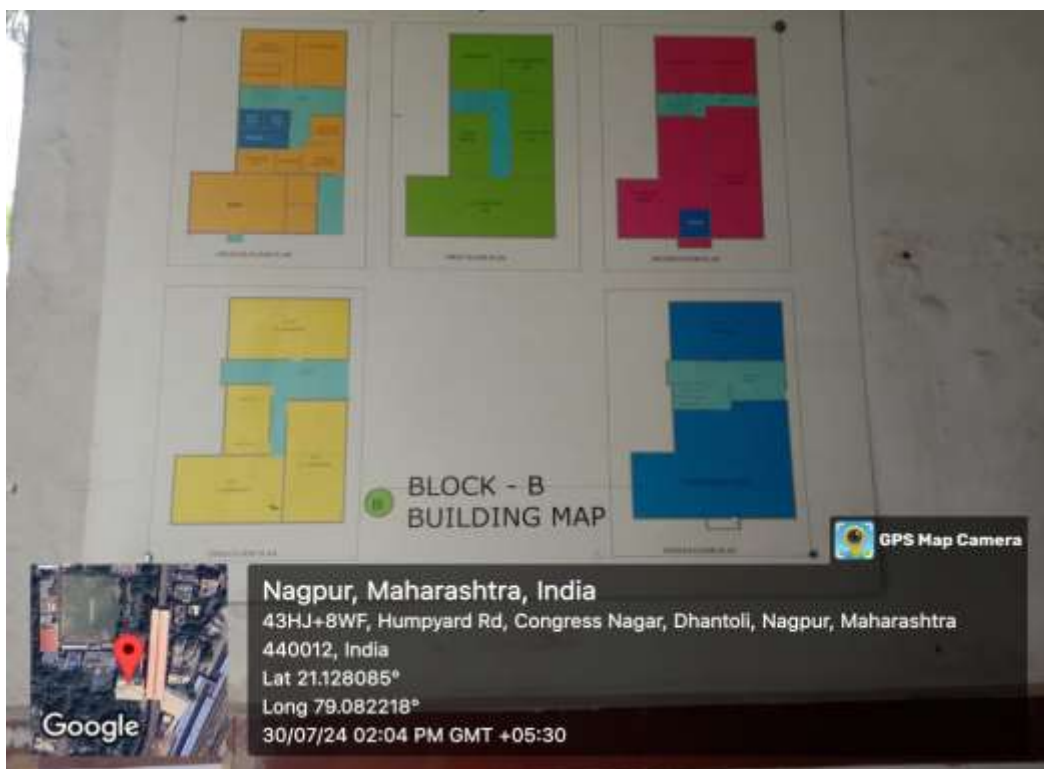
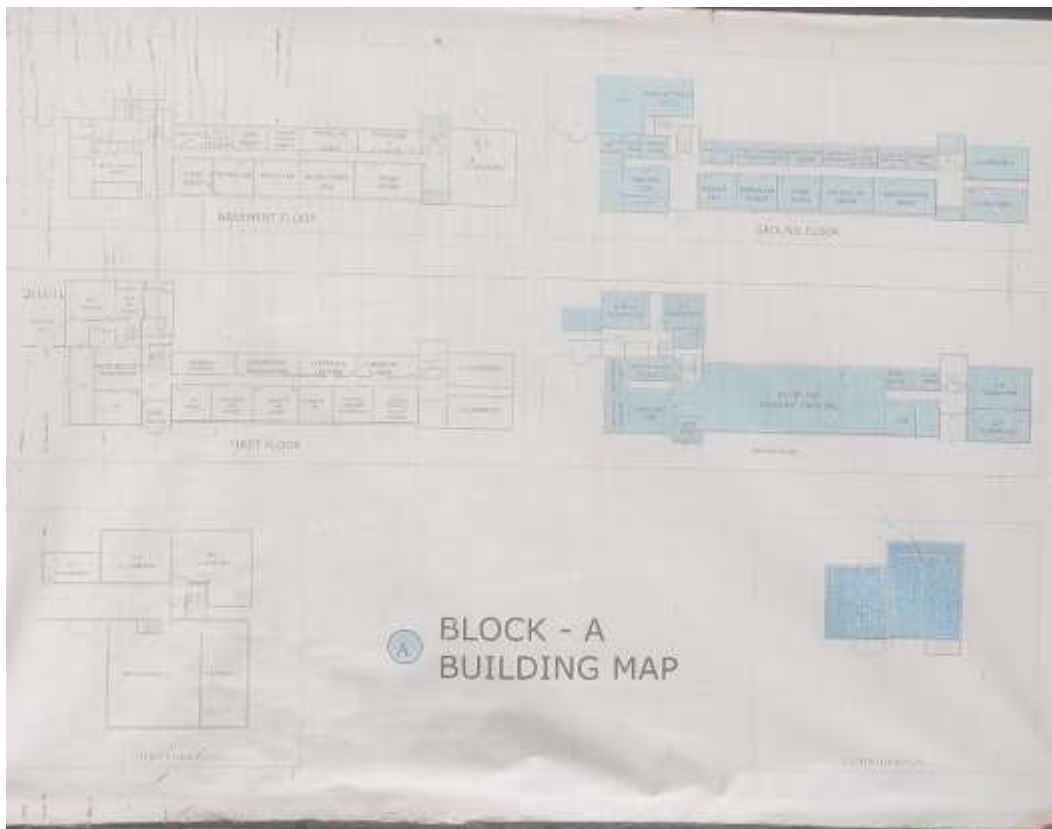
- Lift Facility:
- Water Coolers
- Security Guard Room
- CCTV Camera
- Two Generators of 35 KVA
- Employees' Credit Cooperative Society
- Banking Facilities (Central Bank of India housed in the campus)



Dr A A Halder
Coordinator, IQAC
Science College,
Congress Nagar, Nagpur



Dr. O. S. Deshmukh
Principal
Science College,
Congress Nagar, Nagpur





Land Record

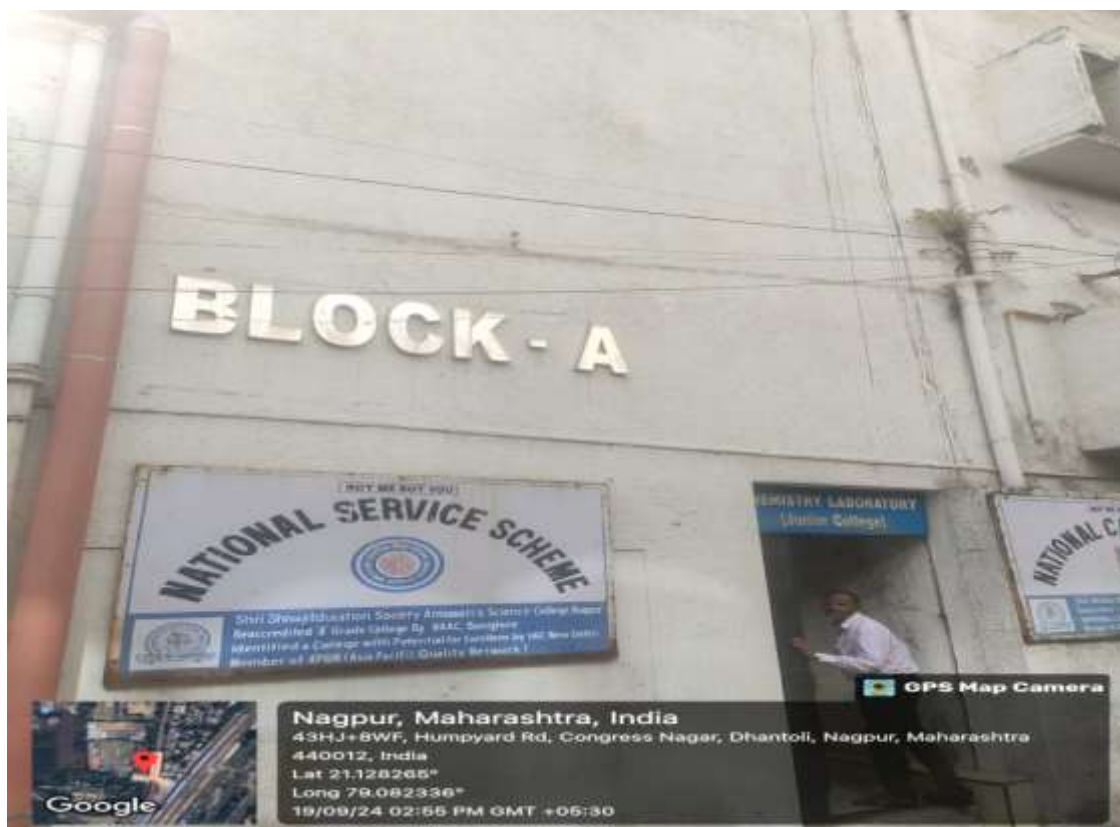
मालमत्ता पत्रक				
विभाग/मौजे --	धंतोली	सालुका/न.भू.मा.का. --	न.भू.अ.का.-३	जिल्हा -- नागपूर
नगर भूमापन क्रमांक	क्षेत्र चौ.मी.	धरपापिखर		सामान्य दलान्या नकाशांतल्या किंवा धाड्यातल्या (उपरील आणि त्याच्या फेर नकाशांमधील किंवा वेळ)
४९७	२९८९३.४०	४		
सुविधासंस्थान	-			
हस्तांतरण मूळ धारक	महाराष्ट्र सरकार			
पट्टेदार	शिवाजी अन्वेषकालन सोसायटी अमरावती			
इतर धार	-			
इतर श्रेणी	-			
दिनांक	धरदार	खंड क्रमांक	नविन धारक (धर) पट्टेदार (प) किंवा धार (धा)	साक्षात्करण
तयारवाची करवावा -	खटी नकाशा -	५६.५६०१५	न.भू.अ.का.-३ नागपूर	०२/०२/२०२१
	दिनांक २१/२/२१	२०१		
	(अधारी तयारवाची करवावी)	दीर्घ -		

(फोन नं.- १)

College Entry View

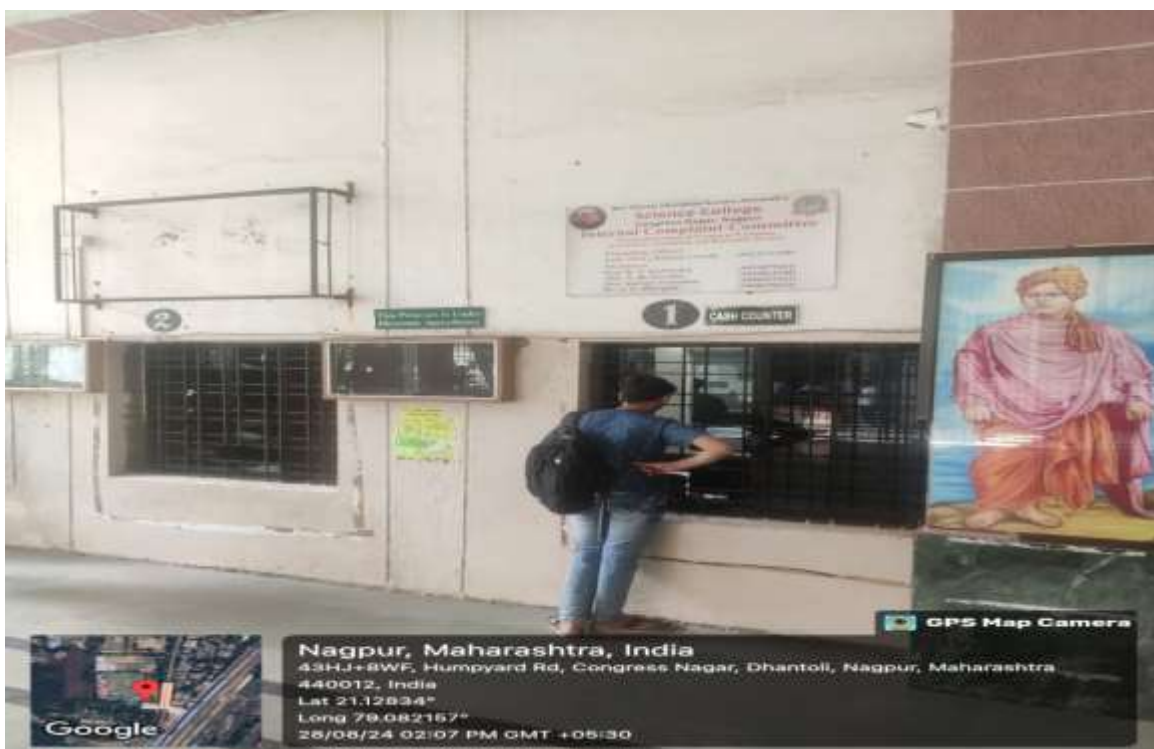


College Internal View





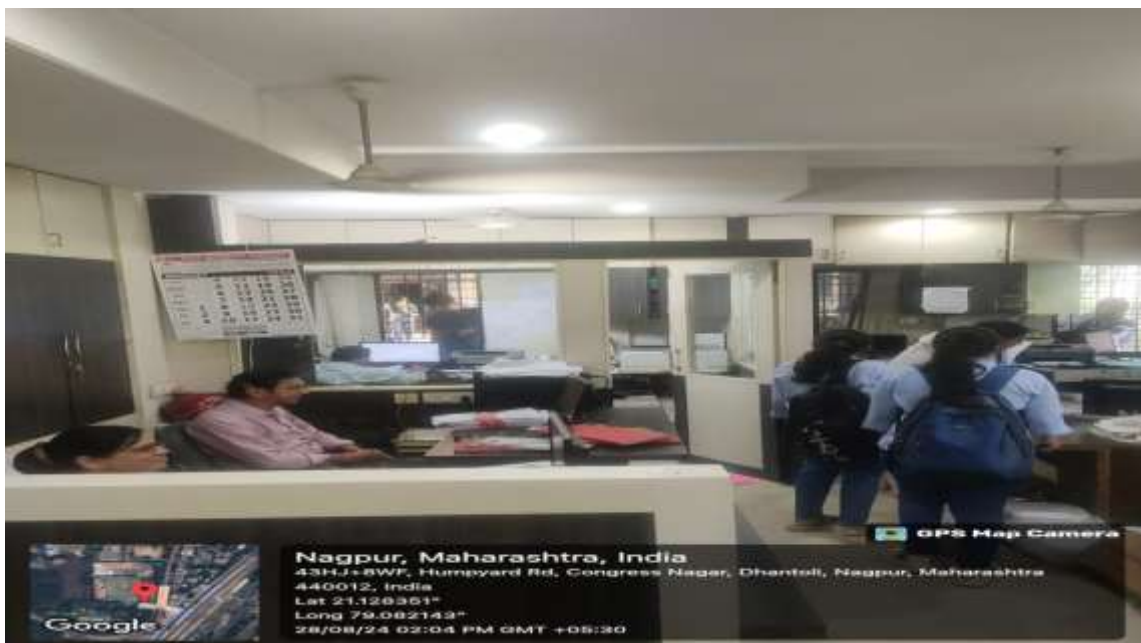
Administrative Building



Principal Office

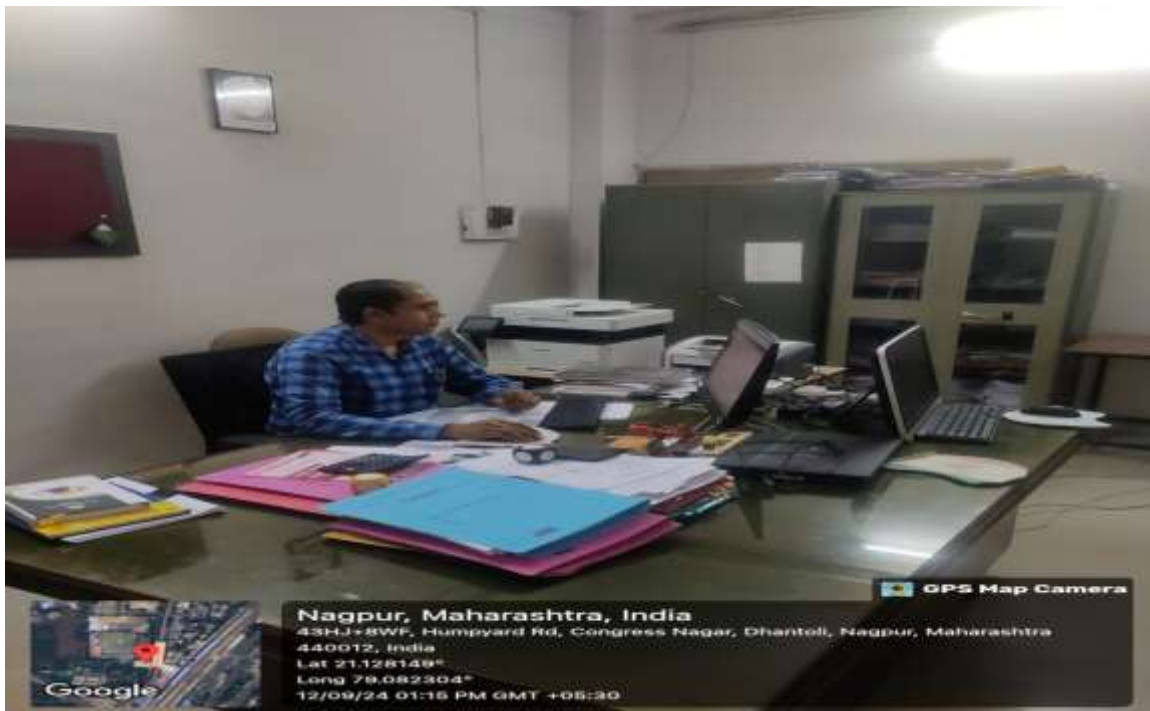


Administrative office





IQAC Office



ICT Class Room

1. Room Number-B1



2. Room Number-B2



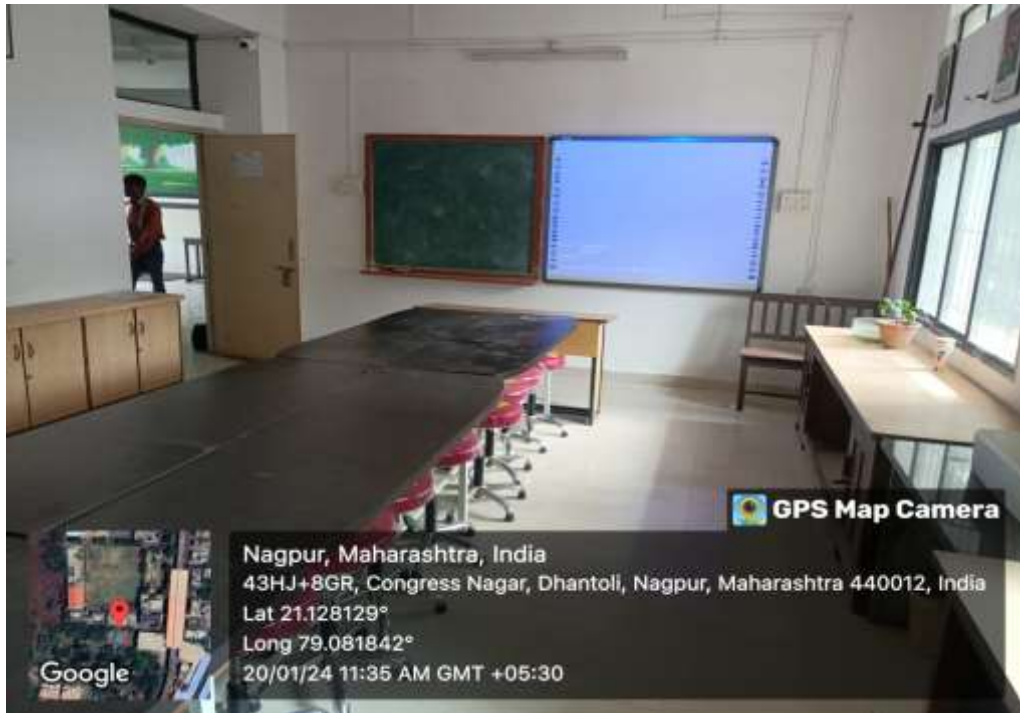
3. Room Number-B3**4. Room Number-B5A**

5. Room Number-B5**6. Room Number-B6**

7. Room Number-B7**8. Room Number-B9**

9. Room Number-B12**10. Room Number-B13**

11. Room Number-C1



12. Room Number-C2



13. Room Number-C4**14. Room Number-C5**

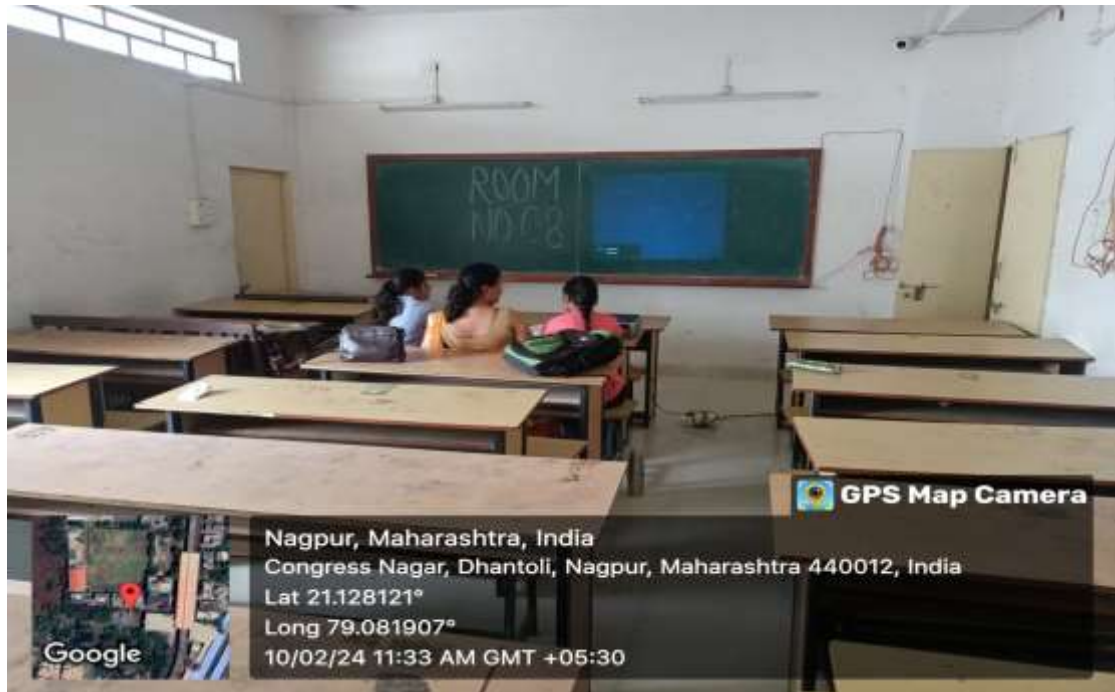
15. Room Number-C6



16. Room Number-C7



17. Room Number-C8



18. Room Number-C9



19. Room Number-C10



20. Room Number-A9



Meeting Hall



Conference Hall



Research Centre

Department of Computer Science



Department of Physics



Department of Chemistry



Department of Zoology



Department of Botany



Department of Computer Science







Department of Physics







Department of Zoology





Department of Microbiology





Department of Bio-Technology





Department of Botany





Department of Chemistry





Department of Electronics





Department of Geology





Department of English & Language laboratory



Department of Mathematics



National Service Scheme (NSS) Yoga Day



Cleanliness Campaign and Tree Plantation



National Cadet Corp (NCC)



Library

S.No.	Descriptions	Remarks	
1	Total area of the library (in Sq. Mts.)	552.027 Sq. Mts.	
2	Total seating capacity	150	
3	Working hours	On all working days	8.00 am to 6.00 pm
		On holidays	10.00 am to 2.00 pm
		Before examination days	8.00 am to 6.00 pm
		During examination days	8.00 am to 6.00 pm
		During vacation	10.00 am to 5.30 pm
4	Layout of the library	Individual reading carrels (2 carrels for 8 students)	28.264 Sq. Mts.
		Reading room	115.229 Sq. Mts.
		Lounge area for browsing	158.908 Sq. Mts.
		Relaxed reading	17.360 Sq. Mts.
		IT zone for accessing e-resources	65.245 Sq. Mts.
		Librarian cabin	17.227 Sq. Mts.
		Stacking area	115.229 Sq. Mts.
Store	05.189 Sq. Mts.		

Library Office



Central Library





Reading Room



Book Issue Counter & Library Book Access for student



Newspaper Reading Facility for students





Ground View



Department of Physical Education & sport

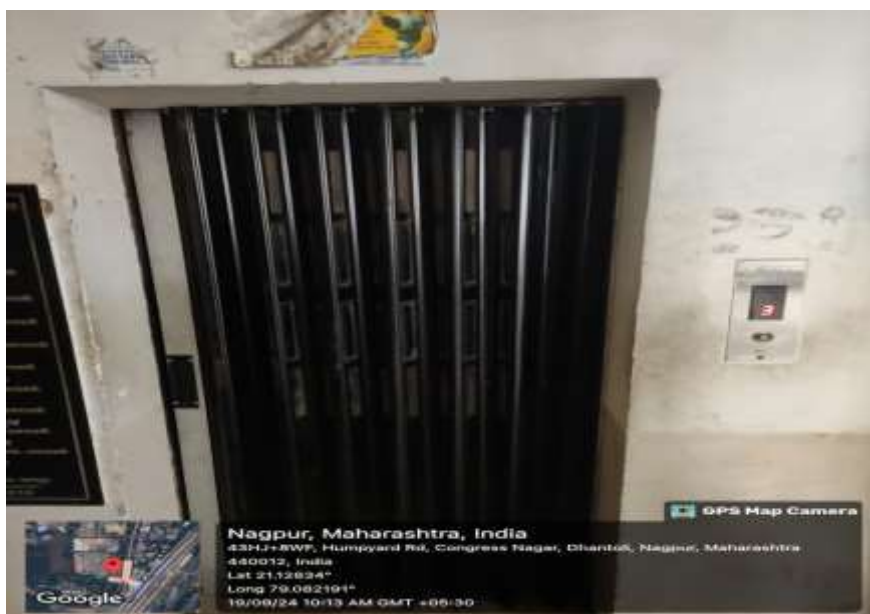
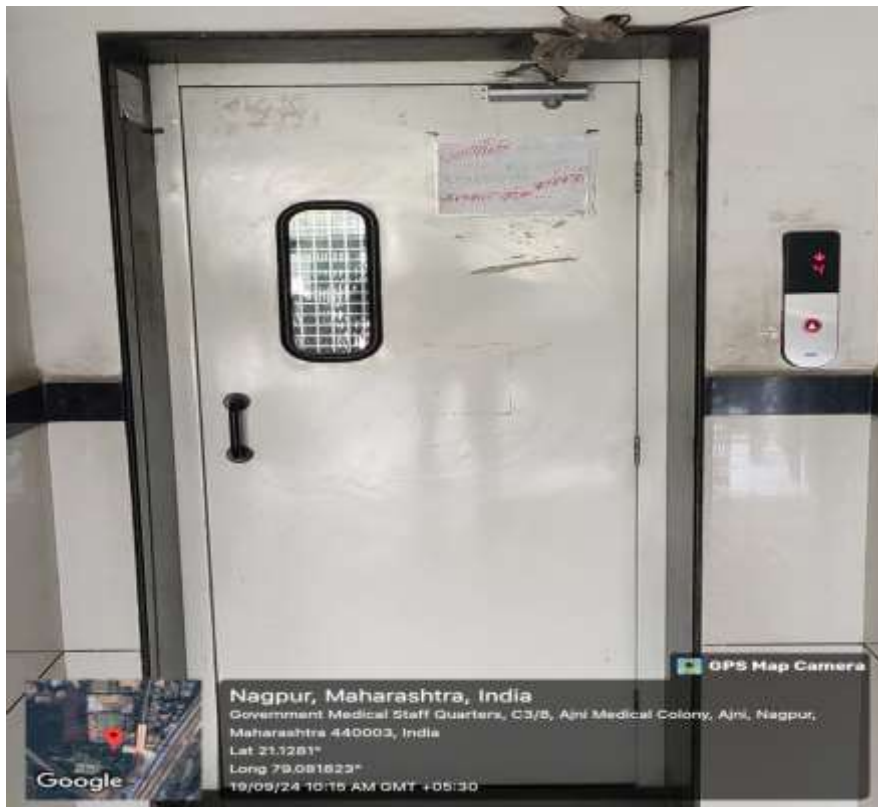


Gymnasium



Other Infrastructural Facilities

Lift Facility:



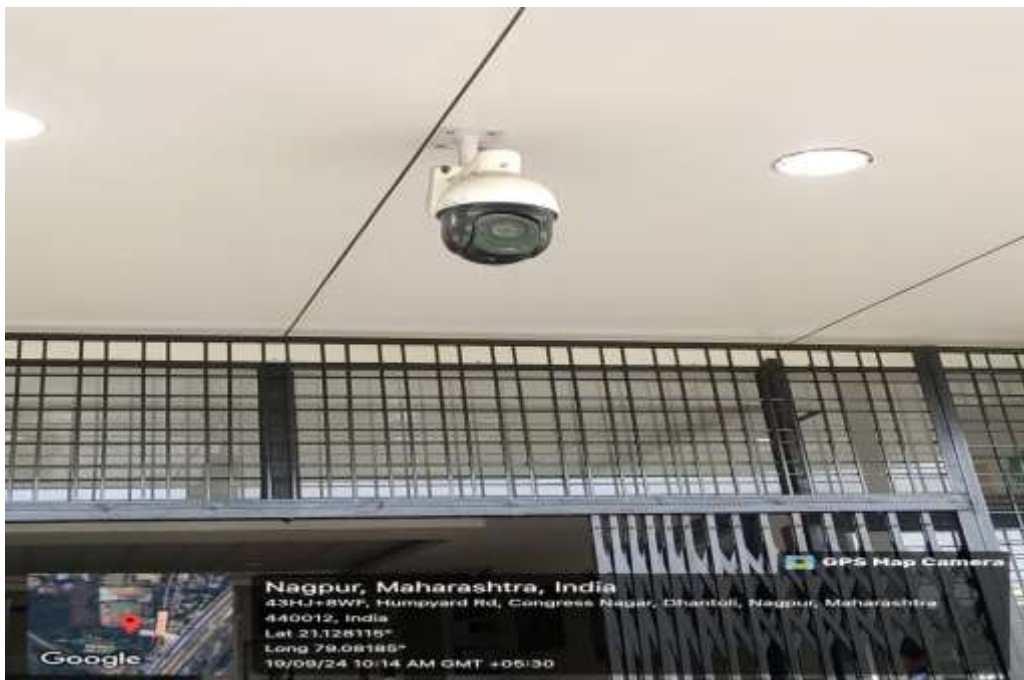
Water Coolers



Security Guard Room



CCTV Camera



Two Generators of 35 KVA



Banking Facilities (Central Bank of India housed in the campus)



Canteen



Solar Power Plant





Girls Hostel



Employees' Credit Cooperative Society



Rooftop Garden



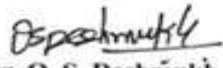
Sport Facilities






Dr. A. A. Halder
IQAC Coordinator
S.S.E.S.A's
Science College, Nagpur




Dr. O. S. Deshmukh
Principal
S. S. E. S. Amravati's
Science College, Nagpur.