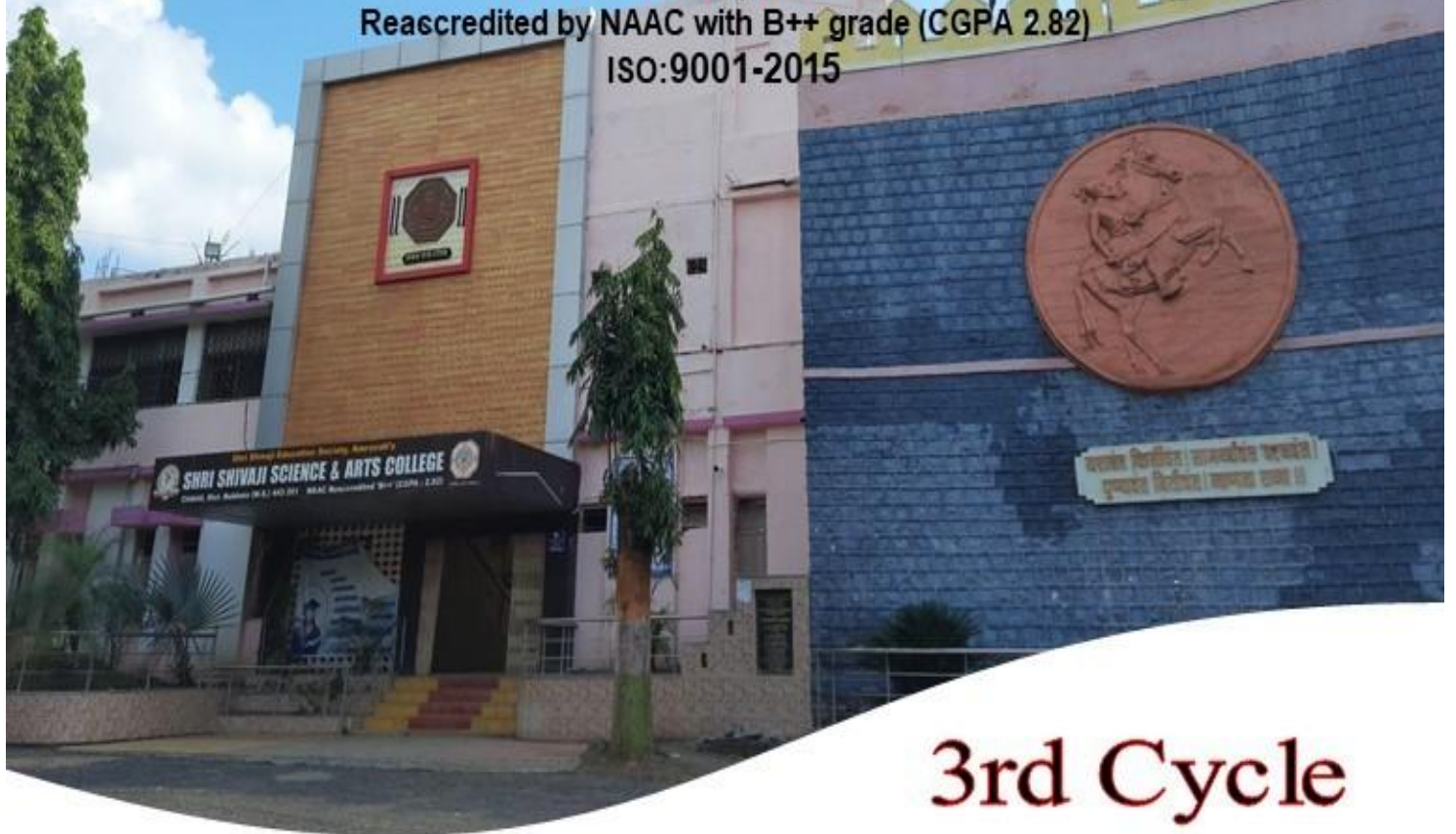




Shri Shivaji Education Society Amravati's  
**Shri Shivaji Science and Arts College, Chikhli.**  
**Dist. Buldana. -443201**

Reaccredited by NAAC with B++ grade (CGPA 2.82)  
ISO:9001-2015



3rd Cycle

# Assessment & Accreditation by NAAC

## CRITERION-IV

### INFRASTRUCTURE AND LEARNING RESOURCES

**QIM-4.1.1** Percentage Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution.

<b>Sr. No</b>	<b>Contents</b>	<b>Page No.</b>
<b>1</b>	<b>Self Declaration</b>	<b>3</b>
<b>2</b>	<b>Introduction to College</b>	<b>4</b>
<b>3</b>	<b>Administrative Office &amp; IQAC</b>	<b>5</b>
<b>4</b>	<b>Total Number of Classrooms &amp; SMART Classrooms</b>	<b>5</b>
<b>5</b>	<b>Seminar Hall &amp; Auditoriums</b>	<b>7</b>
<b>6</b>	<b>Departments &amp; Laboratories</b>	<b>8</b>
<b>7</b>	<b>Staff Rooms</b>	<b>9</b>
<b>8</b>	<b>Details of Sport Facilities</b>	<b>9</b>
<b>9</b>	<b>Library</b>	<b>11</b>
<b>10</b>	<b>Toilets &amp; Washrooms</b>	<b>11</b>
<b>11</b>	<b>Botanical Garden</b>	<b>12</b>
<b>12</b>	<b>Ramps</b>	<b>12</b>
<b>13</b>	<b>University Examination Office</b>	<b>13</b>
<b>14</b>	<b>NCC Unit</b>	<b>13</b>
<b>15</b>	<b>NSS Unit</b>	<b>13</b>
<b>16</b>	<b>Vermicomposting Plant</b>	<b>14</b>
<b>17</b>	<b>Water Harvesting Plant</b>	<b>14</b>
<b>18</b>	<b>Late Anantrao Deshmukh Competitive Exam Study Centre</b>	<b>14</b>
<b>19</b>	<b>Student Consumer Store</b>	<b>15</b>
<b>20</b>	<b>Hostel Facility</b>	<b>15</b>
<b>21</b>	<b>Canteen</b>	<b>15</b>
<b>22</b>	<b>Solar Power Plant</b>	<b>16</b>
<b>23</b>	<b>Pandharinathji Patil Samadhi Sthal</b>	<b>16</b>
<b>24</b>	<b>Shri Shivaji Complex</b>	<b>16</b>
<b>25</b>	<b>Other Infrastructural Facilities</b>	<b>17</b>
<b>26</b>	<b>Room Description</b>	<b>18</b>



Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE**  
**CHIKHLI DIST. BULDANA**



**Shri Harshawardhan P. Deshmukh**  
President  
Shri Shivaji Education Society, Amravati

**Dr. Omraj S. Deshmukh**  
Principal  
M.Sc., Ph.D.

www.shivajichk.ac.in email : shivajichk@rediff.com ☎ (07264) 242088  
Re-accredited by NAAC with B++ Grade [CGPA - 2.82]

Ref.No. *SSSAC/IQAC/2022*

Date: 31/8/2022

**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.

Hence this certificate is issued.

*V. Pochhi*  
**Dr. V. U. Pochhi**  
**Coordinator**  
IQAC, Shri Shivaji Sci. & Arts  
College, Chikhli Dist. Buldana



*Dr. Omraj S. Deshmukh*  
**Dr. Omraj S. Deshmukh**  
**PRINCIPAL**  
Shri Shivaji Science & Arts  
College, Chikhli, Dist. Buldana

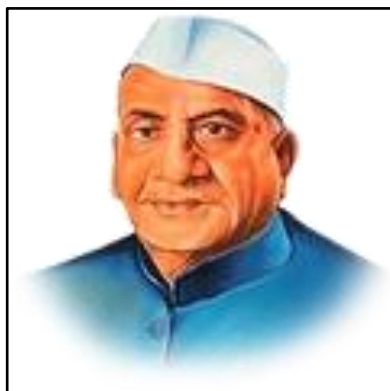
**Information about adequate infrastructure & Physical facilities for teaching-learning viz., classrooms, seminar halls with Geo tagged photos, laboratories & computing equipments, etc.**

Shri Shivaji Science and Arts College, Chikhli is one of the reputed colleges in Buldhana district and is a renowned and central college which has been successfully imparting education to rural area students was for over 55 years. This college establish by *Dalitmitra Samajbhushan Pandharinath Patil* in 1967.

There are adequate facilities available in our institution for teaching-learning as per the minimum specified requirement by statutory bodies. The infrastructure of the college includes Classrooms, well equipped Laboratories; Central Library, Administrative Building, large Playground and Gymnasium, Indoor Stadium, Swimming Pool (under construction) and water harvesting plant. The total built up area of the institution is 11939.88 sq. meter.



**SSES Amravati**  
Logo



**Dr. Panjabrao Deshmukh**  
Founder, SSES Amravati



**SSSA College Chkhli**  
Logo



**Shri Pandharinath Patil**  
Founder, SSSA College



**Detail of the facilities available in the college**

Administrative block is well furnished to carry out all the administrative work of the college.

**IQAC & Administrative Office**

IQAC in any institution is a significant administrative body responsible for all quality 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 imparted in the institution. A special, spacious room is allotted to IQAC in 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.	Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	29 A	Administrative Office	34	21	714	66.36
2		Administrative Office Superintendent Cabin	10	8	80	7.43
3		Administrative Office Waiting Room	10	16.5	165	15.33
4	29 B	Principal Cabin	24.8	16	396.8	36.88
5		Administrative Office Store room	8	7	56	5.20
6	33	IQAC	10	25	250	23.23

**Total number of Classrooms and Seminar Halls:**

**Total number of classrooms: 18**

**Class Rooms (In Main Building):**

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

Sr. no.	Room No.	Description	Seating Capacity	Area in sq. m
1	1	Class room	100	68.08
2	2	Class room	100	68.08
3	3	Class room	100	68.08
4	8	Class room	100	58.09
5	9	Class room	100	69.70
6	10	Class room	100	69.70
7	12	Class room	100	79.00
8	23	Class room	60	47.86
9	24	Class room	60	47.86
10	46	Class room	100	56.67
11	47	Class room	100	56.67
12	48	Class room	100	56.67
13	49	Class room	100	56.67
14	50	Class room	100	56.67

**Smart Class :**

Visual learning using smart technology like Smart Board, LCD projector, images, graphs, flow charts, videos from Internet are considered highly effective and help students grasp the concepts quickly. Smart classrooms also reduce distractions, and therefore, students can concentrate more and retain more information. In our college, there are three SMART classrooms with all the IT facilities available which make teaching learning process more effective.

Sr. no.	Room No.	Description	Seating Capacity	Area in sq. m
15	103	SMART Class Room with ICT Facility 1	60	46.47
16	104	SMART Class Room with ICT Facility 2	60	46.47
17	105	SMART Class Room ICT Facility 3	60	46.47
18	106	Class Room	60	46.47
19	107	Room		25.56

## Seminar Hall & Auditoriums

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

Sr. no.	Room No.	Description	Length in feet	Width in feet	Area in sq. m
1	32	Pandharinathji Patil Seminar Hall	50	25	116.17
2	34	Dr. Panjabrao Deshmukh Auditorium	94	38.1	332.84
3	39	Open Space for Cultural Program	176	57	932.34
4	40	Stage			
5	123	Shivaji Kala Mandir	70.54	35.10	230.07
6	124	Yashawantrao Chavhan Khule Rangmanch	20.00	15.10	28.07

## Departments& Laboratories

- ✚ There are 13 laboratories functioning in the institution. Out of thirteen, nine labs are of science subjects (Physics, Zoology, Microbiology (UG and PG), Botany, Chemistry, Electronics and Computer Science (UG and PG). Department of Commerce and Home Economics carry each one lab.
- ✚ All these labs are well equipped to meet the requirements of the students.
- ✚ The labs of Botany, Zoology, Microbiology and Computer Science are recognized research laboratories.
- ✚ English Language lab equipped with language learning software.
- ✚ All Departments of Humanities viz. English, Marathi, Political Science, Economics And History are working as Research Centres for Ph. D. Programme. Commerce is also recognized Research Centre.

**CRITERION-IV Infrastructure And Learning Resources**

Sr. no.	Room No.	Description	Length in feet	Width in feet	Area in sq. m
1	11	Marathi Department and Research Centre	9.1	25	21.14
2	14	Dept of Computer Science PG Laboratory and Research Centre	24.5	16.2	36.89
	15	Dept of Computer Science UG Laboratory	24.5	29.1	66.26
	16	Dept of Computer Science Staff Room	20	10	18.59
3	17	Commerce ( Room)	17	7.6	12.01
	18	Commerce UG/PG Laboratory and Research Centre	24.5	10	22.77
	19	Commerce Staff Room	24.5	14.1	32.11
4	44	Dept. of Economics and Research Centre	19	10	17.66
5	53	Physics Lab-1	30	25	69.70
	54	Physics Staff Room	25	8	18.59
	55	Physics Dark Room	15	8	11.15
	56	Physics Lab-2	30	25	69.70
6	57, 58	Department of Sport & Gymnasium	40	20	74.35
7	60	Department of Mathematics	14.4	24.5	32.79
8	61	Dept. of English Language Lab and Research Centre	14.4	24.5	32.79
	69	Dept. English Staff Room	14.4	24.5	32.79
9	64	Dept. of Home Economics & Research Centre	14.4	24.5	32.79
10	65				
11	79	Dept of Zoology UG Laboratory	25	39.9	92.70
	80	Dept of Zoology Research Laboratory	8.4	11	8.59
	81	Dept. of Zoology Staff Room	8.7	22.7	18.35
12	82	Dept. of Microbiology UG Laboratory	12.5	7.6	8.83
	83	Dept. of Microbiology Staff Room	2.7	2.9	0.73
	84	Dept. of Microbiology Aseptic Room	2.7	2.9	0.73
13	85	Dept of Botany & Staff Room	9.3	25	21.61
	86	Dept of Botany UG Laboratory	29.5	25	68.54
	87	Dept of Botany Research Laboratory	10.5	25	24.40
14	88,89	Dept. of Chemistry HOD + Staff Room	29.3	12.4	33.77
	90	Dept. of Chemistry Balance Room	29.3	12.4	33.77
	91	Dept. of Chemistry UG Laboratory	49.6	25	115.24
	92	Dept. of Chemistry Acid/Alcohol/Gas Room	10	25	23.23
15	94, 95	Dept. of Microbiology Staff + Aseptic Room	15	10.1	14.08



	96	Dept. of Microbiology PG Laboratory and Research Centre	25.6	25.1	59.72
16	97	Dept. of Electronics Staff Room	14	30	39.03
	98	Dept. of Electronics UG Laboratory-2	30	11	30.67
	99	Dept. of Electronics UG Laboratory-1	40	25	92.94
17	101	Dept. of Political Science and Research Centre	20	11	20.45

### Staff Rooms:

There are two staff rooms in college campus well furnished with attached washrooms.

Sr. No.	Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	4	Staff Room	19.3	25	482.5	44.84
2	45	Staff Room	9.5	19.8	188.1	17.48

### Detail the Sport Facility

The following are the details of the individual infrastructure available in the college to run the extra-curricular efficiently:

#### ✚ Sports, Games

For all round development of the students various Sports Activities are organized. The college has a big play ground to serve the needs of students. Almost all the play grounds of 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

Yoga Centre has been established in the College. In the Open Theater weekly Yoga Performance is arranged for the staff.

**✚ Ground & Sport Facility**

Sr. no.	Room No.	Description	Width in feet	Area in sq. feet	Area in sq. m
1	57, 58	Sport Dept. & Gymnasium	20	800	74.35
2	109	Indoor Stadium (Under Construction)	111.55	16096.67	1495.67
3	110	Swimming Pool (Under Construction)	65.60	10758.40	999.85
4	115	Shri Shivaji Krida Sankul (Open Ground with Running Track)	297	100980	9384.76

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

Sr. No.	Sports Ground	Area/ Size/ Facility
1	Running Track	400 Meters
2	Cricket Ground	60X70 Meters
3	Football Ground	60X90 Meters
4	Kho-Kho Ground	16X29 Meters
5	Ball Badminton Court	12X24Meters
6	Kabaddi Ground	10X13 Meters
7	Volleyball Ground	9X18 Meters
8	Table Tennis Table	01
9	Cricket Net for Practice	Cement Wicket 3X12 Meters
10	Flood Light For Ball Badminton Game Night Practice	

## 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.	Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	41	Reading/Periodical Room	25	21	525	48.79
2	42	Stack Room	61	25	1525	141.73
3		Book Issue Section	18	15	270	25.09

## Toilets & Wash Room

Clean toilet facility is very important requirement of students and staff in the College. Our college possesses One Girls Room with toilet facility. There is one washroom with separate toilet facility for male and female. For female staff members there is another toilet on the first floor. For the male staff members one separate washroom is available. There are two urinals for male students.

Sr. no.	Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	5	Gents Toilet	9.5	25	237.5	22.07
2	6 + 7	Girls Toilet + Common Room	21.2	25	530	49.26
3	13	Boys Toilet	3	2	6	0.56
4	26	Gents & Ladies Wash Room	27.88	17.48	487.34	45.29
5	70	Toilet	10	10	100	9.29
6	73	Toilet	8	6	48	3.72

**Botanical Garden**

A Botanical Garden is a garden dedicated to the collection, cultivation, preservation and display of a wide range of special plants, which are typically labelled with their botanical names. In our College botanical garden is maintained by Department of Botany. In our Botanical Garden different plant species are present with their Botanical name plate. There are certain ornamental plant species present in the garden. These are used for morphological, anatomical studies of plant by the students.

Sr. No.	Area No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	36	Medico Botanical Garden	81	50	4050	376.39

**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 employee. Facility of ramp is the indicators in this regard. Our college provides the ramp facility for the easy access to the administrative office, first floor and to the washroom.

Sr. No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	Ramp 1 (Near Library)	17	8	136	12.64
2	Ramp 2 (Near Hostel)	18	8	144	13.38
3	Ramp 3 to Toilet	10	4	40	3.71
4	Ramp to Class Rooms No. 16 & 17				
5	Ramp Opp to Auditorium				
6	Ramp Near Marathi Department				

**University Exam Office**

Sr. No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	University Exam Section	26.20	11	288.20	26.78
2	Exam Store Room	25	21	535	49.72

**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.

**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.	Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
71	67	NCC Waiting Room	8.00	3.00	24.00	2.23
72		NCC Office	10.00	10.00	100	9.29

**NSS Unit**

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

Sr. No.	Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
7	72	NSS Unit	10	10	100	27.88



**Vermicomposting Plant**

Vermicomposting has long been recognised as a valuable tool for improving crop yields by improving the physical, chemical, and biological aspects of the soil. The Department of Zoology developed a Vermicompost plant in the premises of the college. The Department generated some revenue by selling the packets of vermicompost to the staff members of the college.

Sr. No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	Vermicomposting Plant	10.60	11.10	117.66	10.93

**Water Harvesting Plant**

Water is essential commodity and conservation water is essential. Our institution has taken step to develop water harvesting plant. As a result very unique water harvesting plant is developed in our college. The rain water of the college campus is collected around the bore well. As a result of the harvesting plant the water level of nearby area has been increased.

Sr. No.	Specification	Particulars
1)	Date of Establishment	2013
2)	Slab Area	1635.56 Sq.m
3)	Total Area Covered	Approx. 72,845
4)	Water Storage Capacity	320.32 Cubic meter

**Kalpataru**

*Late Anantrao Deshmukh Competitive Exam Study Centre (Kalpataru)* the Competitive Exam Study Centre is established in the college. Sitting arrangement with good furniture is available for needy and aspiring students. Many students of the college avail this facility.

Description	Length in Feet	Width in Feet	Area in sq. Feet	Area in Sq. Meter
Kalpataru (Competitive Exam Study Centre)	24.10	24.50	590.45	54.85

**Student Consumer Store**

The main objective behind the establishment of the Student Consumer Store in our college is to sell the daily need based commodities at a reasonable price to the students.

Description	Length in Feet	Width in Feet	Area in sq. Feet	Area in Sq. Meter
Student Consumer Store	22	6.4	140.8	13.08

**Hostel Facility**

Hostel facility is available for boys in which our college students are accommodated.

Average Number of students stayed in the Hostel (2017-18 to 2019-20) : 100

Sr. No.	Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	111	Boys Hostel main bulding	47	217	10199	947.86
			27	68	1836	170.63
	112	Building 1	50	40	2000	185.87
	113	Building 2	27	244	6588	612.27
			60	20	1200	111.52
2	114	Girls Hostel First Floor	18.4	14.5	266.8	24.80
			18.4	14.5	266.8	24.80
			16.6	124.7	2070.02	192.38
			25.3	117	2960.1	275.10
			27.7	26.3	728.51	67.71
			12.7	14.9	189.23	17.59

**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.	Room no.	Description	Length in Feet	Width in Feet	Area in sq. Feet	Area in Sq. Meter
1	125	Canteen	26	20	520	48.30

**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 15 kWh Solar Power Plant is installed.

**Pandharinathji Patil Samadhi Sthal**

The institution is established by Late Pandharinathji Patil. He is well known in Buldana District for his educational and social work. Every year his on the occasion of his birth and death anniversary all the staff of the institution and social and political leaders of the area visit Pandharinathji Patil and his wife's tomb to pay homage.

Sr. No.	Description	Length in Feet	Width in Feet	Area in sq. Feet	Area in Sq. Meter
1	Pandharinathji Patil Samadhi Sthal	150	200	3000	2788.10

**Shri Shivaji Complex**

Shri Shivaji Complex is located in front of the College Complex. There is open space behind the complex. The complex is administered by the parent educational society.

Sr. No.	Description	Length in Feet	Width in Feet	Area in sq. Feet	Area in Sq. Meter
131	Shri Shivaji Complex	62.80	78.25	14742.30	1370.10
132	Shri Shivaji Complex Open Space			33800.00	3141.26

**Other Infrastructural Facilities**

The other infrastructural facility provided to the stake holders are :

- ✚ Sitting Place for students
- ✚ Tin Shade where students wait at the administrative windows.
- ✚ University Exam Section : All the administrative work related to the University Exam is done from this office.
- ✚ YCMOU : Yeshwantrao Chavan Open University centre is established in the College to provide education to the deprived students who are unable to attend college regularly.
- ✚ Water Coolers
- ✚ Parking Sheds
- ✚ Water Cooler
- ✚ Security Guard Room
- ✚ CCTV Camera

Sr. No.	Area/ Room No.	Description	Length in feet	Width in feet	Area in sq. feet	Area in sq. m
1	27	Sitting place for Students	26.3	36.1	949.43	88.24
2	28	Tin Shed	30	10	300	27.88
3	35	University Exam Section	26.2	11	288.2	26.78
4		ExamStore room	25	21.4	535	49.75
5	38	Water Cooler 1	9	7	63	5.86
6	62	YCMU	14.4	24.5	352.8	32.79
7	74	parking shed 1	10	30	300	27.88
8	75	parking shed 2	8.25	100.75	831.19	77.25
9	76	parking shed 3	21.2	55.75	1181.9	109.84
11	77	Security Room	6	5	30	2.79
12	93	Drinking water near Chemistry	---	---	--	--
13	117	Paving Block (F/S Library)	22	26	572	53.16
14	118	Cement Road (office to Comm. Dept)	18	288	5184	481.78
15	119	Paving Block (Student waiting)	40	41	1640	152.42
16	121	Paving Block (Gate)	11	28	308	28.62
17	122	Water Cooler 2	5	6	30	2.79

**Room Description**
**4.1.1 INFRASTRUCUTRE & PHYSICAL FACILITIES**

Sr. No.	Room Number	Description	Length in Feet	Width	Area Sq.Ft.	Area Sq.Mt.
1	1	Class Room	29.30	25.00	732.50	68.08
2	2	Class Room	29.30	25.00	732.50	68.08
3	3	Class Room	29.30	25.00	732.50	68.08
4	4	Staff Room	19.30	25.00	482.50	44.84
5	5	Gents Toilet	9.50	25.00	237.50	22.07
6	6+7	Girls Toilet+Common Room	21.20	25.00	530.00	49.26
7	8	Class Room	25.00	25.00	625.00	58.09
8	9	Class Room	30.00	25.00	750.00	69.70
9	10	Class Room	30.00	25.00	750.00	69.70
10	11	Marathi Department	9.10	25.00	227.50	21.14
11	12	Class Room	34.00	25.00	850.00	79.00
12	13	Boys Toilet	3.00	2.00	6.00	0.56
13	14	Department of Computer Science - PG Laboratory	24.50	16.20	396.90	36.89
14	15	Department of Computer Science - PG Laboratory	24.50	29.10	712.95	66.26
15	16	Department of Computer Science - Staff Room	20.00	10.00	200.00	18.59
16	17	Commerce - Room	17.00	7.60	129.20	12.01
17	18	Commerce - UG/PG Laboratory	24.50	10.00	245.00	22.77
18	19	Commerce - Staff Room	24.50	14.10	345.45	32.11
19	20	MCVC - Work Shop-1	25.00	19.60	490.00	45.54
20	21	MCVC - Work Shop-2	25.00	19.60	490.00	45.54
21	22	MCVC - Work Shop-3	25.00	40.00	1000.00	92.94
22	23	Class Room	20.60	25.00	515.00	47.86
23	24	Class Room	20.60	25.00	515.00	47.86
24	25	Corridor			0.00	0.00
25	26	Boys and Girls Toilet - Sports	27.88	17.48	487.34	45.29
26	27	Sitting Place For Student - Admission	26.30	36.10	949.43	88.24
27	28	Tin Shed	30.00	10.00	300.00	27.88
28		Administrative - Office	34.00	21.00	714.00	66.36
29	29A	Administrative - Superintend	10.00	8.00	80.00	7.43
30		Administrative - Waiting	10.00	16.50	165.00	15.33
31	29B	Principal - Cabin	24.80	16.00	396.80	36.88
32		Administrative Office - Store Room	8.00	7.00	56.00	5.20
33	30	Stairs Case	0.00	0.00	0.00	0.00
34	31	Store Room	24.10	25.00	602.50	55.99
35	32	Seninar Hall (Pandhrinath Patil Seminar Hall)	50.00	25.00	1250.00	116.17
36	33	IQAC	10.00	25.00	250.00	23.23
37	34	Auditorium(Dr. Panjabrao Deshmukh Auditorium )	94.00	38.10	3581.40	332.84
38	35	University Exam Section	26.20	11.00	288.20	26.78
39		Exam Stooore - Room	25.00	21.40	535.00	49.72
40	36	Garden (Medico Botanical Garden )	81.00	50.00	4050.00	376.39
41	37	Generator	0.00	0.00	0.00	0.00
42	38	Water Cooler	9.00	7.00	63.00	5.86
43	39	Open Space For Cultural Program	176.00	57.00	10032.00	932.34
44	40	Stage	0.00	0.00	0.00	0.00
45	41	Library - Reading Study Room	25.00	21.00	525.00	48.79
46	42	Library - Stock Room	61.00	25.00	1525.00	141.73
47		Library - Book Issue Section	18.00	15.00	270.00	25.09



## CRITERION-IV Infrastructure And Learning Resources

48	43	Library - Periodical Section	0.00	0.00	0.00	0.00
49	44	Depart of Economics	19.00	10.00	190.00	17.66
50	45	Staff Room	9.50	19.80	188.10	17.48
51	46	Class Room	25.30	24.10	609.73	56.67
52	47	Class Room	25.30	24.10	609.73	56.67
53	48	Class Room	25.30	24.10	609.73	56.67
54	49	Class Room	25.30	24.10	609.73	56.67
55	50	Class Room	25.30	24.10	609.73	56.67
56	51	Room	0.00	0.00	0.00	0.00
57	52	Porch	0.00	0.00	0.00	0.00
58	53	Physics - Laboratory - 1	30.00	25.00	750.00	69.70
59	54	Physics - Staff Room	25.00	8.00	200.00	18.59
60	55	Physics - Dark Room	15.00	8.00	120.00	11.15
61	56	Physics - Laboratory - 2	30.00	25.00	750.00	69.70
62	57, 58	Sport Department & Gymnasium	40.00	20.00	800.00	74.35
63	59	Open Space	0.00	0.00	0.00	0.00
64	60	Mathematics	14.40	24.50	352.80	32.79
65	61	Department of English - Language Lab	14.40	24.50	352.80	32.79
66	62	YCMU	14.40	24.50	352.80	32.79
67	63	Porch	0.00	0.00	0.00	0.00
68	64, 65	Home Economics	14.40	24.50	352.80	32.79
69						
70	66	Room	14.40	12.25	176.40	16.39
71	67	NCC - Waiting Room	8.00	3.00	24.00	2.23
72		NCC - Office	10.00	10.00	100.00	9.29
73	68	Room	14.40	24.50	352.80	32.79
74	69	Department of English - Staff Room	14.40	24.50	352.80	32.79
75	70	Toilet	10.00	10.00	100.00	9.29
76		Open Space	8.00	3.00	24.00	2.23
77	71	Room	14.40	12.25	176.40	16.39
78	72	NSS	10.00	10.00	100.00	9.29
79	73	Toilet	0.00	0.00	0.00	0.00
80	74	4 Wheeler Parking Shed - Staff	10.00	30.00	300.00	27.88
81	75	2 Wheeler Parking Shed - Staff	8.25	100.75	831.19	77.25
82	76	2 Wheeler Parking Shed - Student	21.20	55.75	1181.90	109.84
83	77	Security Guard Room	6.00	5.00	30.00	2.79
84	78	Vermicomposting Unit	6.00	5.00	30.00	2.79
85	79	Department of Zoology - UG Laboratory	25.00	39.90	997.50	92.70
86	80	Department of Zoology - Reaserch Laboratory	8.40	11.00	92.40	8.59
87	81	Department of Zoology - Staff Room	8.70	22.70	197.49	18.35
88	82	Department of Microbiology - UG Laboratory	12.50	7.60	95.00	8.83
89	83	Department of Microbiology - Staff Room	2.70	2.90	7.83	0.73
90	84	Department of Microbiology - Aspectic Room	2.70	2.90	7.83	0.73
91	85	Department of Botany - Staff Room	9.30	25.00	232.50	21.61
92	86	Department of Botany - UG Laboratory	29.50	25.00	737.50	68.54
93	87	Department of Botany - Reaserch Laboratory	10.50	25.00	262.50	24.40
94	88, 89	Department of Chemistry - HOD + Staff Room	29.30	12.40	363.32	33.77
95	90	Department of Chemistry - Balance Room	29.30	12.40	363.32	33.77
96	91	Department of Chemistry - UG Laboratory	49.60	25.00	1240.00	115.24
97	92	Department of Chemistry - Acid/Alcohol/Gas Room	10.00	25.00	250.00	23.23

## CRITERION-IV Infrastructure And Learning Resources

98	93	Drinking Water	0.00	0.00	0.00	0.00
99	94, 95	Department of Microbiology - Staff + Aspectic Room	15.00	10.10	151.50	14.08
100	96	Department of Microbiology - PG Laboratory	25.60	25.10	642.56	59.72
101	97	Department of Electrionics - Staff Room	14.00	30.00	420.00	39.03
102	98	Department of Electrionics - UG Laboratory-2	30.00	11.00	330.00	30.67
103	99	Department of Electrionics - UG Laboratory-1	40.00	25.00	1000.00	92.94
104	100	Porch	0.00	0.00	0.00	0.00
105	101	Poltical Science Department	20.00	11.00	220.00	20.45
106	102	Poltical Science Department proposed	40.00	65.00	2600.00	241.64
107	103	ICT Class Room - 1	25.00	20.00	500.00	46.47
108	104	ICT Class Room - 2	25.00	20.00	500.00	46.47
109	105	ICT Class Room - 3	25.00	20.00	500.00	46.47
110	106	ICT Class Room - 4	25.00	20.00	500.00	46.47
111	107	Class Room	25.00	11.00	275.00	25.56
112	108	Open Space	0.00	0.00	0.00	0.00
113	109	Indoor Stadium	144.30	111.55	16096.67	1495.97
114	110	Swimming Pool	164.00	65.60	10758.40	999.85
115	111	Boys Hostel Main Building	47.00	217.00	10199.00	947.86
116	112	Building -1	27.00	68.00	1836.00	170.63
117	113	Building -2	50.00	40.00	2000.00	185.87
118	114	Building -3	27.00	244.00	6588.00	612.27
119	115	Building -4	60.00	20.00	1200.00	111.52
119	116	Girls Hostel	18.40	14.50	266.80	24.80
119	117	Girls Hostel	18.40	14.50	266.80	24.80
119	118	Girls Hostel	16.60	124.70	2070.02	192.38
119	119	Girls Hostel	25.30	117.00	2960.10	275.10
119	120	Girls Hostel	27.70	26.30	728.51	67.71
119	121	Girls Hostel	12.70	14.90	189.23	17.59
120	115	Ground	340.00	297.00	100980.00	9384.76
121	116	Samadhi Sthal	150.00	200.00	30000.00	2788.10
122	117	Paving Block (F/S-Library)	22.00	26.00	572.00	53.16
123	118	Cement Road ( Office to Comm Deptt)	18.00	288.00	5184.00	481.78
124	119	Paving Block (Studunt Waiting)	40.00	41.00	1640.00	152.42
125	120	Ramp (Library)	8.00	17.00	136.00	12.64
126	121	Paving Block (Gate)	11.00	28.00	308.00	28.62
127	122	Water Cooler	5.00	6.00	30.00	2.79
128	123	Shri Shivaji Kala Mandir	70.53	35.10	2475.60	230.07
129	124	Stage	20.00	15.10	302.00	28.07
130	125	Canteen	21.00	16.00	336.00	31.23
131	126	Shri Shivaji Complex	62.80	78.25	14742.30	1370.10
132	127	Shri Shivaji Complex Open Space			33800.00	3141.26

Total Carpet Area= 116793.77 10854.44  
 Total Built Up Area(Excess 10 to 15 % of Carpet Arae)= 128473.15 11939.88



*G. B. Deshmukh*  
**PRINCIPAL**  
 Shri Shivaji Science & Arts  
 College, Chikhli, Dist. Buldhana

*G. B. Deshmukh*  
**G.B. Deshmukh**  
 Consulting Civil Engineer  
 Chikhli Mob.9823237781  
 Reg.No.



