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# ENERGY AUDIT REPORT 2022



St. Anns College for Women (Autonomous)  
Mehdipatnam, Hyderabad

Prepared By

Green Waves Environmental Solutions



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## **INTRODUCTION**

St. Anns College for Women, (Autonomous) Affiliated to Osmania University is accredited 'A+' Grade by NAAC (3rd Cycle) and College with Potential for Excellence by UGC is located at Mehdiapatnam in Hyderabad. Telangana. The college, which made a humble beginning in 1983, with just two programs, two rooms and 106 students, is today a huge institution with excellent infrastructure at the UG and PG level in thirty program options.



### **1. Vision**

Academic excellence, skill enhancement and value enrichment to help the girl student embark on life's journey as an empowered woman.

### **2. Mission**

By adopting a need based approach, synthesis of academics and ethics, innovation in learning methods, and a diversified curriculum, the college aims at providing a learning environment that integrates body, mind and spirit.

## **Campus and Physical Infra**

The college is housed in a 4 acre campus with spacious, well-furnished class-rooms, well-equipped laboratories for Physics, Chemistry, Botany, Zoology, Micro-biology, Genetics, Nutrition, Biochemistry, Bio-Technology, Psychology and a Museum. A modern state-of-the-art computer center is located in a fully air-conditioned block. There is a large acoustically treated auditorium, spacious audio-visual rooms, well-furnished conference hall and a separate block to accommodate the P.G. Courses. Language teaching is aided by the well equipped language labs for English and French. Smart boards and LCDs add to the learning experience at St. Ann's. The digital display boards installed in the corridors show the latest updates of the events in the campus.

## **OBJECTIVES**

The Energy Audit was defined to meet the following objectives:

- Conduct a simple Walk-Through audit or observation of the energy consumption of electrical appliances within the College building.
- Review and analyze energy usage history to create a baseline for which savings can be measured in the audited building.
- Determine what can be done to reduce energy consumption throughout the buildings and what options are available for system improvements if funding is available.
- Identify and evaluate measures that could improve the environmental performance of the buildings/wards and provide recommendations.

## **SUMMARY OF RECOMMENDATIONS**

Below are some recommendations based on general observations carried out throughout the campus? The recommendations are categorized with a being the most urgent where immediate actions are needed to be executed (first or second week of receiving this report). B can be 1 to 2 months after receiving this report, while C will depend on the availability of funds.

Recommendations		
Category A	Category B	Category C
Isolate or unplug loads from power when not in use (i.e. rechargeable equipment, computer and any other electronic devices with standby modes).	Establish Energy Efficiency and Conservation initiatives and management within the buildings. More renewable energy sources should be established in a phased manner.	Where applicable, replace all Double Frame light fittings (double tube) with Commendable LED lights throughout the building. Also remove unnecessary lights or reduce the number of lights per location.
Remove faulty light holders and bulbs or remove live wire from the sockets inside the light holder.	Renovate or improve the lighting control, i.e. add more switches to existing rooms/spaces where only one switch controls more than 10 lights, especially the lights in the conference/meeting room.	Replace all lights with energy efficient light bulbs
Remove any faulty appliances	Use fans in places where	The conservation and

Located in the campus.	Possible (especially in unsealed rooms, indoor corridors, conference rooms, etc.).	Efficiency mechanisms are tools for reducing energy consumption. Look into making the campus carbon neutral
Isolate or unplug faulty air conditioners if found within the buildings (working but no cold air coming out) and, OR service the air conditioner units quarterly.	Remove the air conditioner if the room is very poorly sealed (i.e. if the room has no seals on the door and frequently open at times).	Replace old existing outdoor air conditioner units with efficient ones (if funding is available).

### **III. ENERGY AUDIT SUMMARY RESULTS**

The energy audit of 2022 covers the period between January to December. However, due to ongoing pandemic conditions and considering all the Covid 19 lockdown period which has changed reopening time, nearly 3 months data, information on the resources consumption and conservation do not reflect the true status. Hence, the effective period for the Audit is only 9 months.

#### **1. LAND USE:**

The green status of the land use in the 4.32 acres with nearly 0.96 acres of the area under open uses, can be considered as good land use planning. The available open area for the different strata of the campus community is around 27% which is fairly very good and among similar level institutions under private sector, the status is 25%

<b>No.</b>	<b>Community strata</b>	<b>Population</b>	<b>Per Capita Open Area Availability</b>
1	<b>students</b>	<b>3000</b>	<b>0.19m2</b>
2	<b>Teaching</b>	<b>120</b>	
3	<b>Non- teaching</b>	<b>40</b>	
4	<b>Indirect</b>	<b>13</b>	
5	<b>TOTAL</b>	<b>3173</b>	

#### **GREENERY:**

The audit results indicate that about 23% of the open areas in the campus are covered with vegetation. The general pattern of the vegetation is **peripheral** and avenue. In terms of species diversity, number of trees and biomass quantities, the assessment was made

## **WATER:**

Water is used for different purposes like, Drinking; Other domesticated uses; Laboratories; Housekeeping and Greenery. For all the uses, St Ann's College depends upon groundwater and municipal tap water.

St Ann's College taps around 30 KLD of water for storage from municipal water and bore wellwater source with 2 numbers in the green belt area which act as storage tanks distribution of the water for different uses is as follows:

<b>No.</b>	<b>Purpose</b>	<b>(% TOTAL)</b>
1	<b>Drinking</b>	19%
2	<b>Other domestic uses</b>	31%
3	<b>Laboratories &amp; other facilities</b>	43%
4	<b>Greenery</b>	7%

On the whole, the drinking water availability is at 1.2 liters/head and 98% of the campus population stays in the campus for less than 8 hours, the drinking water availability is reasonably good compared to the standard of 5 liters/head/24hrs.

By maximizing the entropy of the transportation data, it is estimated that all the travel trips of the campus population consume about 1907 liters of HSD/month. Thus, the per capita HSD consumption arrived at 0.12 liters/day.

On the whole, during the year 2022, the St Ann's College has CO<sub>2</sub> emission of 690.7 tons from use of electricity, and 42.1 tons from Oil consumption. Thus, from the two major sources of energy, around 732.8 tons of CO<sub>2</sub> emissions were released.

However, 389.2 tons CO<sub>2</sub> emissions are mitigated through tree carbon stocks in the campus. Therefore, the net release accounts for 343.6 tons of CO<sub>2</sub>.

## **4. WASTES GENERATION:**

The wastes generated from academic and administrative divisions only could be taken into account, as the total institution could not be covered for certain limitations during this first audit. The wastes generated from the academic and administrative divisions are characterized into (a) Wet Waste; (b) Paper & Board waste; (c) Metallic waste; (d) Plastic Waste; (e) Battery waste and (f) E-waste. All sorts of waste management are efficient in the campus.

## 5. Infrastructure

<b>1.</b>	Total land available (in acres) (Copy of land documents to be placed as annexure)	<b>4.32 acres</b> Information from Sister/Office Annexure 1.1
<b>2.</b>	Whether land is registered in the name of the College?	<b>Yes</b> Annexure 2.1
<b>3.</b>	Class Rooms (No. of class rooms and covered area in sq. Ft.)	<b>Total -51</b> Annexure 3.1

**Annexure 3.1**  
**Total No. of Class rooms/ Seminar halls (51)**

S.No	Room No	Details	Dimensions in ft.	Carpet Area in S.ft	Carpet Area in sq.mts.	Block	Floor
1	12	Chemistry Seminar Hall	30.2 x 30.2	911.05	81.9	I	Gr
2	47	Seminar Hall- I	60 x 30.2	1782.5	160.4	I	Gr
3	37	Lecture Hall	30.2 x 29.6	891.25	80.2	I	Gr
4	38	Lecture Hall	30.2x29.6	891.25	80.21	I	Gr
5	107	Lecture Hall	20x30.2	604.07	54.36	I	I
6	108	Lecture Hall	30.2x30.2	911.06	81.99	I	I
7	109	Seminar Hall- Botany	30.2x30.2	911.06	81.99	I	I
8	123	Seminar Hall-II	33x30.4	991.32	89.218	II	I
9	128	Lecture Hall	30.2x30.2	911.06	81.99	I	I
10	129	Lecture Hall	30.2x30.2	911.06	81.99	I	I
11	131	Lecture Hall	30.2x30.2	911.06	81.99	I	I
12	132	Lecture Hall	30.2x30.2	911.06	81.99	I	I
13	133	Lecture Hall	30.2x30.2	911.06	81.99	I	I
14	134	Lecture Hall	30.2x29.11	905.11	81.45	I	I
15	135	Lecture Hall	30.2x29.11	905.11	81.45	I	I
16	136	Seminar Hall - Lincoln Hall	30.2x29.11	905.11	81.45	I	I
17	137	Lecture Hall	30.2x29.11	905.11	81.45	I	I
18	139	Lecture Hall	30.2x29.11	905.11	81.45	I	I
19	140	Lecture Hall	30.2x29.11	905.11	81.45	I	I
20	204	Lecture Hall	22.11x23.3	534.97	48.14	I	II
21	207	Lecture Hall	29.10x29.6	881.56	79.34	I	II

22	208	Lecture Hall	29.10x24.1 1	744.43	66.99	I	II
23	209	Lecture Hall	21.4x27.10	594.71	53.52	I	II
24	211	Lecture Hall	30.2x30.2	911.06	81.99	I	II
25	212	class room	15.5x30.2	465.53	41.89	I	II
26	213	Seminar Hall	30.2x30.2	911.06	81.99	I	II
27	224	P.G. Lecture Hall	33x28	924	83.16	I	II
28	225	P.G. Lecture Hall	33x28	924	83.16	I	II
29	226	Lecture Hall	21.4x27.10	594.71	53.52	I	II
30	227	Lecture Hall	21.4x27.10	594.71	53.52	I	II
31	229	Lecture Hall	30.2x30.2	911.06	81.99	I	II
32	230	Lecture Hall	30.2x30.2	911.06	81.99	I	II
33	231	Lecture Hall	30.2x30.2	911.06	81.99	I	II
34	235	Lecture Hall	30.2x30.2	911.06	81.99	I	II
35	236	Lecture Hall	30.2x30.2	911.06	81.99	I	II
36	307	PG Lecture Hall	33x30.04	991.32	89.21	II	III
37	306	PG diploma Nutrition	33x28	924	83.16	II	II
38	308	PG Lecture Hall	21x28	588	52.92	II	III
39	309	PG Lecture Hall	33x28	924	83.16	II	III
40	311	Lecture Hall	30x20	600	54	I	III
41	312	Lecture Hall	30x20	600	54	I	III
42	313	Lecture Hall	30x20	600	54	I	III
43	314	Lecture Hall	30x20	600	54	I	III
44	315	Lecture Hall	30x30	900	81	I	III
45	316	Lecture Hall	30x30	900	81	I	III
46	F-1	Seminar Hall	24X30	720	64.8	III	I
47	F-2	Lecture Hall	24X30	720	64.8	III	I
48	F-3	Lecture Hall	24X30	720	64.8	III	I
49	S-3	Lecture Hall	24X30	720	64.8	III	II
50	S-4	Lecture Hall	24X30	720	64.8	III	II
51	S-5	Lecture Hall	24X30	720	64.8	III	II

➤ Class rooms + seminar halls = 44+7 = 51

<b>4.</b>	Laboratories (No. of labs rooms and covered area in sq. Ft.) (List of labs along with equipment's to be placed as annexure)	<b>Labs - 43</b> Annexure 4.1 & 4.2
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**Annexure 4.1**  
**Laboratories**  
**Block wise lay out**

S. No.	Room No	Details	Dimension in sq. ft.	Carpet Area	Carpet Area in sq. mts.	Block	Floor
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				<b>in Sq. ft.</b>			
1	16	Chem. Lab IV - Kekule	40 x 30.2	1188.3 5	106.9	I	Gr
2	17	Chem. Lab III - Bronsted	40 x 30.2	1188.3 5	106.9	I	Gr
3	18	Chem Instrumentation lab - Heisenberg Lab	25.4 x 30	760	68.4	I	Gr
4	20	Chem. Lab II - Madame Curie Lab	30 x 30.2	892	80.28	I	Gr
5	25	Nutrition Lab II	20x30	600	54	II	Gr
6	26	Nutrition Lab I	27.6x30	825	74.25	II	Gr
7	28	Genetics Lab I	30x20	600	54	II	Gr
8	29	Nutrition PG Lab	30x20	600	54	II	Gr
9	31	Biotech Lab –Watson & crick Lab	30 x 30.2	905	81.45	I	Gr
10	32 & 33	Zoology Lab-I – Aristotle & Museum Animalia	40 x 30.2	1206.6 6	108.58	I	Gr
11							
12	35	Bio Chemistry Lab – Lehningers lab	20 x 30.2	603.33	54.29	I	Gr
13	36	Zoology Lab-II + Linnaeuse Lab	40 x 30.2	1206.6 7	108.6	I	Gr
14	36A	Research Lab – Zoo	15 x 8.5	127.5	11.845	I	Gr
15	111	Botany Research Lab Research (J C Bose Lab)	28 x 6	168	15.608	I	I
16	112	Botany Lab I (Calvin Lab)	40x30	1200	108	I	I
17	113	Botany Lab II (Parasara Lab)	20x30	600	54	I	I
18	115	Computer Science Lab-III (Turing Lab)	28x25	700	63	I	I
19	117	Computer Science Lab-II (Steve Jobs Lab)	28x30	840	75.6	II	I
20	118	Computer Science Lab (Steve Jobs Lab)	18x10	180	16.2	II	I
21	120	Statistics Lab (Ada Lab)	20x30	600	54	II	I
22	122	Nutrition lab -M.Sc.	20x30	600	54	II	I
23	125	Microbiology Lab I (Leeuwenhoek Lab)	22x20	440	39.6	II	I
24	127	Micro – Lab II (Pasteur Lab)	27.6x20	550	49.5	II	I

25	203	B. Com Lab I (Computers)	25.9x27.3	696.3	62.66	I	II
26	203A	B. Com Lab I (Computers)	10x27.3	273	24.57	I	II
27	205	B. Com Lab II (Computers)	35.9x27.3	973.81	87.64	I	II
28	210	Psychology Lab	15.5x30.2	465.53	41.89	I	II
29	215	Commerce Lab/ED Cell (Jamshedji Tata Memorial Hall)	20x30	600	54	I	II
30	216	Mechanics Lab	20x30	600	54	I	II
31	217	Dark Room-Physics (Optics Lab)	21x30	630	56.7	I	II
32	218	Physics Lab III Electricity Lab	30.3x30	907.5	81.6	I	II
33	219	Electronics. Lab I	30.3x30	907.5	81.67	I	II
34	237	French Lab & Staff Room	18 x 19	352	32.70	I	II
35	302	English Lab	30x20	600	55.74	II	III
36	303	Maths lab- I	30x20	600	55.74	II	III
37	304	Maths lab- II	30x20	600	55.74	II	III
38	G-1	Chemistry Lab 1	24X30	720	64.8	III	Gr
39	G-2	Chemistry Lab 2	24X30	720	64.8	III	Gr
40	G-5	Chemistry Lab 3	24X30	720	64.8	III	Gr
41	F-4	Chemistry Lab 4	24X30	720	64.8	III	I
42	T-1	MBA Comp. Science Lab	59.3x37.4	2211.7 1	205.32	III	III
43	T-2	MCA Comp. Science Lab	35.4X29.4	1031	95.69	III	III

\*SACReD not included

#### Annexure 4.2 Labs and Equipment

S. No.	Name of the Department	Room Nos.	No. of labs	Equipment
1	Botany	111 112 113	3	U.V. Spectrophotometer, Laminar hood, Centrifuge, Muffle furnace, compound microscopes, hot air oven, distillation unit, Autoclave and Research microscope, Visualizer, Calorimeter, Dissection microscopes, Digital

				balance, Digital display unit, tissue homogenizer, hot plate, physical balance, pH meter, Micro Wave Oven, Microcentrifuge, Conductivity T.D.S Meter, Vortex Mixer -Cyclomixer, Medical Microscope, hemocytometer
2	Zoology	32 33 36 36A	4	Compound microscopes, water bath, dissection microscope, physical balance, centrifuge, photoelectric calorimeter, hot air oven, binocular microscope, slide projector, visualizer, colony counter, membrane filter assembly, paper chromatography, digital soil and water analyzer, tissue homogenizer, microscope camera, heating mantle, hot plate, PCR work station, cyclomixer, Flame photometer
3	Chemistry	16 G1 17 G2 18 G5 20 F4	8	Spectrophotometers, Conductivity meters, Potentiometers, PH meters, electronic balances, Digital Potentio-meter, Digital electronics balance with electrode, DMM Water, Burners with Stopcock & Diethyl Ether, Magnetic Peddle Kip's Apparatus, Digital pH meter
4	Nutrition	25 26 29 122	4	exhaust system, stoves, micro-ovens, refrigerators, fire extinguishers, RO Water purifier, pressure cookers, Mixer Grinder, Hand beater, Electric mixers), Sphygmomanometer, fly catcher, Weighing Balance, Refrigerator, 3 burner stoves with glass top
5	Biotechnology	31	1	– UV, Incubator, Hot air oven, Refrigerator, Stereo binocular microscopes, Gel electrophoretic Unit, Digital balance, Magnetic stirrer, Colony counter, Hemocytometer, Compound light microscopes, pH meters, Colorimeters, Water bath, Visualizer, Glucometer
6	Biochemistry	35	1	pH meter, Medical Pathology microscope (WESWOX), Glucometer
7	Genetics	28	1	Incubators, BOD, PCR, thermocycler, electrophoretic apparatus, Water bath
8	Microbiology	125 127	2	laminar air flow, incubator, hot air oven, autoclave, colony counters, disinfectors, microscopes, image projection system, digital pH meter
9	Mathematics	303 304	2	Projector, a computer, visualizer, OHP
10	Physics and electronics	216 217 218	4	Geiger Muller counting system, Micro Processor and Micro controller kits, Cathode Ray Oscilloscopes, Software such as Multisim, Keil

		219		and Lab view, LCD projector, Texla Scientific Instruments, Embedded System Lab - (Technique Design Group), Networks Lab (Technique Design Group)
11	Computer Science	115,117, 118 203, 203A, 205 (B. Com Comp lab) T1-MBA, T2 - MCA	8	UPS back up, and well equipped with OS windows xp, MS Office, C, C++, JAVA, Oracle, R programming, Adobe Master collection, Animation software- ESET.
12	Statistics	120	1	<i>SPSS, MS-Excel, TORA and R Programming</i>
13	Commerce	215	1	Computers, Wi-Fi & LAN, LCD screen and a LEDTV
14	Psychology	210	1	-----
15	English language	302	1	LCDs with audio system, Digital Multimedia Language software
16	French foreign lang.	237	1	4 computer workstations with Wi-Fi & LAN connectivity, 2 sets of speakers with amplifier, whiteboard, LCD projector, poster display board, notice board. CDs/Audio video
Total			43	

5.	Central Library Total Area Whether reading room available? Details about books, titles, Journals (National/International), CDs, e-resources, e-journals, Theses, etc.)	Annexure 5.1
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**Annexure 5.1  
TOTAL AREA: 6811 SQ.FT.**

Physical Description of the Library (UG+PG)	Details	
	Before Autonomy	After Autonomy
Total Carpet Area of the Library	6211 sq.ft.	6811 sq.ft.
Stack Area	2460 sq.ft.	2460 sq.ft.
Reading Area	1960 sq.ft.	1960 sq.ft.
Circulation	676 sq.ft.	676 sq.ft.
Periodical Section	600sq.ft.	1200 sq.ft.

Staff Cabin	65sq.ft.	65 sq.ft.
Reprographic Section	144 sq.ft.	144 sq.ft.
Store Room	32 sq.ft.	32 sq.ft.
E-Resource Hub	274 sq.ft.	274 sq.ft.
Computer for E-Access	18	18
Cubicles	20	28

- Library is the focal point of all users. The library caters to the educational and research needs of the academic community and its resources. Library has started functioning since 1983. At Present the library holds **85395**, books. **126** Periodicals /journals /Magazines. **2662**, 500e books, CDS/DVDS and **1323** Back Volumes. Projects and Newspapers. Library users can access book database, theses database, journal database provided by N-list and DELNET and online other e-resources.
- The Centre is automated with SOUL2.0 (Software for University Libraries) software Developed by INFLIBNET (Information for Library Network – UGC) and is equipped withonline public access catalogue (OPAC).

#### **Whether reading room available?**

**Yes**, the Library has a spacious reading hall 1920 sq. Ft – (UG reading hall 1120sq.ft. and PG reading hall 840 sq. ft.) and can accommodate 300 users at any point of time.

**Details about books, titles, Journals (National/International) CDs, E-resources, e-journals, Thesis, etc.)**

#### **Annexure – 5.3**

<b>Library</b>		<b>Total</b>
UG Library	Total Books	55636
	Text Books	41727
	Reference Books	13909
PG Library	Total Books	24249
	Text Books	18187
	Reference Books	6062
Periodicals/ Journals/Magazines	Total	126
	National	75
	International	2
	Magazines	49
N-List: INFLIBNET	e- Books	6000+
	e-journals	3135000
NDL		5 crores
DELNET	Books available for loan	29000000+
	List of Journals	40000
	Full Tex e -journals	5000

	Thesis/Dissertations	100000
Doab:	e-books	36562
Doja:	e-journals	15996
PDF drive.net	e-books	9 million
Thesis		13
CDS & Video		2662
Library Management (Software)	Soul 2.0	
Others		
Gift Books		3477
Back Volumes		1323
Weed out Books		2714
News papers		15

<b>6.</b>	Whether Departmental Libraries available? If yes, please give details.	Yes, there are Departmental libraries. Each Department is having a huge collection of books. Faculty and students are utilizing their books. The following Departments have Annexure 6.1
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#### Annexure 6.1

S. No	Name of the Department	No. Of Books available
1	Arabic	204
2	BBA	100
3	Biochemistry	79
4	Biotechnology	58
5	Botany	354
6	Chemistry	398
7	Commerce	2000
8	Computer Science	137
9	Economics	25
10	Electronics	182
11	English	356
12	French	115
13	Genetics	90
14	Hindi	60
15	History	27
16	Mathematics	354
17	MBA	230

18	MCA	75
19	M.Com	108
20	Microbiology	146
21	Nutrition	2260
22	Physics	280
23	Political Science	99
24	Psychology	342
25	Public Administration	05
26	Sanskrit	109
27	Statistics	115
28	Telugu	105
29	Zoology	937

7.	Hostels (No. of rooms with students accommodated) (v) Men (vi) Women	N. A
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8.	<b>Information about</b> (xxi) Administrative Block (xxii) Principal Office (xxiii) Staff Room (xxiv) Common Room (xxv) Canteen (xxvi) Auditorium (xxvii) Internet facilities (xxviii) Medical facilities (xxix) Transport facilities (xxx) Others	Annexure 8
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### Annexure - 8

#### XXI - Administrative Block

We have an administrative office with an area of 2050 sq. ft. with the staff seated in 11 cubicles with computer and common internet facility. Necessary infrastructure such as in-built cupboards for storage, tables and chairs, lights and fans for the convenience of the staff are available. It also provides the services of the Bank for the transactions to be carried on by teaching, non-teaching staff and students on a regular basis. Fee collection centre is equipped with necessary facilities viz. computers and printer. Five members are allotted for the purpose of fee collection. Attached store room with an area of 825 sq. ft. with necessary storage facility and a small seating area for the admin staff is provided. Seating arrangements for the visitors is been available in the entrance lobby, outside the office.

## XXII - Principal's Office

Principal's office is provided with a visitor's waiting room and the main chamber of the principal which has an area of 630 sq. ft. has the necessary facilities such as computer with internet facility, LCD TV to monitor the class rooms, lobby area and college surroundings and maintain discipline within the premises. Exclusive seating area to entertain the guests is available.

### Details of Administrative Block (XXI, XXII)

Block-1			Ground Floor		
S. No.	Room No.	Detail	Dimensions in Sq. ft.	Carpet Area in Sq. ft.	Carpet Area in Sq. mts.
1	1	Reception / PRO	10 x 10	100	9.0
2	2	Administrative Office	50 x 41	2050	184.5
3	2A	SAHAARA	10 x 10	100	97.5
4	3	Office Store Room	27.5 x 30	825	74.25
5	4	Wash Room	15 x 15	225	20.25
6	5	Dean Student Affairs	10 x 10	100	9.0
7	6	IQAC	15 x 30	375	33.75
8	7	Principal's Chambers	30 x 21	630	56.7
9	8	Vice Principal's Office (Merged into IQAC)	10 x 10	100	9
10	9	Correspondent's Chambers	10 x 11	110	9.9
11	10	Conference Hall	31 x 30	930	83.7
12	10A	Visitors Lounge	30 x 35	1050	97.5



13	11	Electrician Room-I	8 x 3	24	2.16
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### XXIII - Staff Rooms

All the staff rooms are very well equipped with well-knit facilities such as computers with Internet facility, printers, scanners, speakers, headphones, pen drives, admiral, and comfortable furniture. plenty of storage space in the form of built-in wall units, Godrej and wooden admiral, book shelves, lights and fans are also available in the staff rooms.

### Annexure XXIII Total Staff rooms (26)

Block-1			Ground Floor		
S. No	Room No.	Detail	Dimensions in Sq. ft.	Carpet Area in Sq. ft.	Carpet Area in Sq. mts.
1	14	Biochemistry Staff Room	22 x 10	220	19.8
2	22	Chemistry Staff Room	30 x 12	360	32.4
3	34	Zoology Staff Room	9 x 30.2	271.5	24.43
4	39A	Staff Room – Physical Education	8 x 9	72	6.689
5	104	Library (UG) & Staff room LIS	73 x 62.3	4591	413.19
6	105	Commerce Staff Room	20x30	600	54
7	106	Commerce Staff room	20x30.2	604.07	54.36
8	116	Botany Staff Room	30x12	360	32.4
9	121	Comp. Science Staff Room	30x12	360	32.4
10	130	English Staff Room	15x30.2	452.5	40.72
11	138	II Language Staff Room	15x29.11	436.65	39.29
12	202	Public Administration & Economics Staff Room	16x12.1	194.65	17.51
13	206	Political Science Staff Room	12x10	120	10.8
14	220	Physics & Electronics Staff Room	30x12	360	32.4
15	228	Statistics Staff Room	15x30.2	452.5	40.725
16	237	French Lab & Staff Room	18 x 19	352	32.70
17	237 C	BBM Staff room	18 x 19	352	32.70
Block- II			Ground Floor		
18	24	Nutrition Staff Room	18x30	534	48.06
19	27 A	Genetics Staff Room	16x10	160	14.4
20	126	Microbiology Staff Room	9.4x20	190	17.1
Block I			Second Floor		
21	217	Psychology Staff room	21x30	630	56.7
Block II			Second Floor		

22	221	Maths Staff room	20x30	600	54
23	310	M.Com Staff Room	18 x 19	352	32.70
<b>Block – III (P.G)</b>			<b>Ground Floor</b>		
24	G-3	PG Chemistry Staff Room	11.7.5 X30	352	31.68
<b>Block – III</b>			<b>Second Floor</b>		
25	S-1	Staff Room -MBA	24X30	720	64.8
26	S-2	Staff Room –MCA	24X30	720	64.8

## XXIV- Common Room

### Common Area

#### 1. Open Quadrangle- SALTT –Saint Ann’s Lunch Time Theater

The college Quadrangle is a multipurpose utility area for all college activities. This facility is titled SALTT –Saint Ann’s Lunch Time Theatre-the spacious quadrangle is used by the various student groups for showcasing socially relevant information to the huge student audience during the lunch breaks. New amplifiers and speakers are provided for better reach. A huge rectangular open quadrangle surrounded by classrooms and corridors all around is a Stage set for good visibility and a unique circular view available for witnessing events held. It has dedicated facilities for public address with amplifiers, sound effects.

#### Usage of Quadrangle (SALTT)

- Morning prayer and assembly
- Awareness campaigns
- Lunchtime Theatre
- Green Greetings stalls
- Flash Mobs
- Festival/Cultural days
- Dandiya, Bathukamma
- Language days
- Music events -DJ
- Anno-festa Food-stalls
- Food and other stalls– Entrepreneurship program of students
- Rangoli, Cultural and Literary competitions

2. Ground-floor landing, first floor landing near Language Department and 3<sup>rd</sup> floors near English lab and Canopies near sports room. These are the leisure time areas where students sit, gather, discuss and even practice dance for competitions/occasions.

## XXV – Canteen

Canteen which has an area of 1590 sq. ft. Caters to the teaching/non-teaching and students of UG and PG. Food items and beverages which are sold include those prepared in the

Canteen and pre-packed branded products. Prices are subsidized and generally on MRP for pre-packed products.

It's very well furnished, well ventilated and maintains hygiene. Canteen caters health and hygiene food for official college meetings, Seminar/Conference, Students Event, Graduation, some other functions held at college. A designated Canteen committee takes care of monitoring the menu, sanitization and hygiene conditions of preparation, sales and service on a regular basis and reports to the dean administration. Any updating or change in the canteen policy will be taken up with the Dean who will take up the matter to the management for further decisions. Frequent meetings between the canteen committee and the canteen proprietor are conducted to ensure smooth running in order to meet the requirements of students and faculty on all working days.

### **XXVI - St. Joseph Auditorium**

The College has an Indoor Auditorium with an area of 7020 sq. ft which was established in 1989 and can accommodate more than 1200 audience and is well equipped with a huge LCD screen on stage and necessary exclusive and efficient sound system with sophisticated amplifiers, electrical fixtures and fittings and a dais with focus lights.

The auditorium is provided with comfortable chairs, wall mounted fans. It is well ventilated and has a mezzanine floor to accommodate additional audiences. Well-carpeted, an imposing wooden podium, Wood paneled walls are an exclusive feature of the auditorium which makes it look elegant. It helps us to organize various events.

**Auditorium** - Many events and activities are conducted such as:

#### **Intra and Intercollegiate events**

- Sponsored programs – Radio Mirchi event
- Fresh Face of the year etc
- Screening of movies
- Freshers Party
- Farewell Party
- Annofesta Celebrations
- Spicmacy events
- Sanskriti activities
- NCC events
- Awards function
- Ann Soiree Alumni meets

#### **Awareness Programs**

- She Team Awareness

- AIDS Awareness Campaigns
- Legal rights
- Drug Abuse Activity

### **Contest**

- Nestle Master Chef

### **Co-curricular Activity and Skill Oriented Activity twice a week**

- Yoga
- Dance

## **XXVII**

### **- Internet Facilities**

- College has Wi-Fi services with 40 Mbps leased line from ACT exclusively for IQAC, Admin and Exam cell. Another connection from BSNL under the NMIECT scheme with 2 leased connections of 20 MBPS each for the various ICT enabled class rooms, seminar halls, labs and staff rooms in the Degree and PG blocks. To reach more users additional WIFI access points have been installed. The Smart boards are provided with the Internet connectivity in all the classrooms. Old cables are replaced with Fiber optic cables whenever and wherever needed.
- Wi-fi facilities of the college are also extended to its student community at facilities such as library and NRC (Net resource center) to support students' academics and help them to do projects, to browse learning materials and also access to do registration for competitive exams, NPTEL exams free of cost.
- College employs two efficient network administrators to resolve any kind of technical issues.

### **Details - Internet Facility**

#### **The College is Wi-Fi enabled**

The following rooms are Internet enabled

- Administration block
- All Staff rooms
- Seminar Halls
- Computer Science labs
- Auditorium

- Class rooms
- Labs
- ICT Center
- Exam Cell

### Administrative Block

Block-1			Ground Floor		
S. No.	Room No.	Detail	Dimensions in Sq. ft.	Carpet Area in Sq. ft.	Carpet Area in Sq. mts.
1	1	Reception / PRO	10 x 10	100	9.0
2	2	Administrative Office	50 x 41	2050	184.5
3	2A	SAHAARA	10 x 10	100	97.5
4	3	Office Store Room	27.5 x 30	825	74.25
5	4	Wash Room	15 x 15	225	20.25
6	5	Dean Student Affairs	10 x 10	100	9.0
7	6	IQAC	15 x 30	375	33.75
8	7	Principal's Chambers	30 x 21	630	56.7
9	8	Vice Principal's Office (Merged into IQAC)	10 x 10	100	9
10	9	Correspondent's Chambers	10 x 11	110	9.9
11	10	Conference Hall	31 x 30	930	83.7
12	10A	Visitors Lounge	30 x 35	1050	97.5
13	11	Electrician Room-I	8 x 3	24	2.16

### Staff Rooms

Block-1			Ground Floor		
S. No	Room No.	Detail	Dimension s in Sq. ft.	Carpet Area in Sq. ft.	Carpet Area in Sq. mts.
1	14	Biochemistry Staff Room	22 x 10	220	19.8
2	22	Chemistry Staff Room	30 x 12	360	32.4
3	34	Zoology Staff Room	9 x 30.2	271.5	24.43

4	39A	Staff Room – Physical Education	8 x 9	72	6.689
5	104	Library (UG) & Staff room LIS	73 x 62.3	4591	413.19
6	105	Commerce Staff Room	20x30	600	54
7	106	Commerce Staff room	20x30.2	604.07	54.36
8	116	Botany Staff Room	30x12	360	32.4
9	121	Comp. Science Staff Room	30x12	360	32.4
10	130	English Staff Room	15x30.2	452.5	40.72
11	138	II Language Staff Room	15x29.11	436.65	39.29
12	202	Public Administration & Economics Staff Room	16x12.1	194.65	17.51
13	206	Political Science Staff Room	12x10	120	10.8
14	220	Physics & Electronics Staff Room	30x12	360	32.4
15	228	Statistics Staff Room	15x30.2	452.5	40.725
16	237	French Lab & Staff Room	18 x 19	352	32.70
17	237 C	BBM Staff room	18 x 19	352	32.70
<b>Block- II</b>			<b>Ground Floor</b>		
18	24	Nutrition Staff Room	18x30	534	48.06
19	27 A	Genetics Staff Room	16x10	160	14.4
20	126	Microbiology Staff Room	9.4x20	190	17.1
<b>Block I</b>			<b>Second Floor</b>		
21	217	Psychology Staff room	21x30	630	56.7
<b>Block II</b>			<b>Second Floor</b>		
22	221	Maths Staff room	20x30	600	54
23	310	M.Com Staff Room	18 x 19	352	32.70
<b>Block – III (P.G)</b>			<b>Ground Floor</b>		
24	G-3	PG Chemistry Staff Room	11.7.5 X30	352	31.68
<b>Block – III</b>			<b>Second Floor</b>		
25	S-1	Staff Room -MBA	24X30	720	64.8
26	S-2	Staff Room –MCA	24X30	720	64.8

### Seminar halls with Internet

S. No .	Room No.	Detail	Dimensions in Sq. ft.	Carpet Area in Sq. ft.	Carpet Area in sq. mts.	Block	Floor
1	12	Chemistry Seminar Hall	30.2 x 30.2	911.05	81.9	I	Gr
2	47	Seminar Hall- I	60 x 30.2	1782.5	160.4	I	Gr
3	103	Seminar Hall – II AV Room	60.4x30.2	1822.11	163.99	I	Gr
4	109	Botany Seminar Hall	30.2x30.2	911.06	81.99	I	I
5	123	Seminar Hall III	33 X 30.4	991.32	89.2188	II	I
6	136	Lincoln Hall	30.2 X 29.11	905.11	80.45	I	I
7	213	Lecture Hall	30.2x30.2	911.06	81.99	I	I

### Class Rooms with Internet (ICT)

S.No.	Room No	Detail	Dimensions in Sq. ft.	Carpet Area in Sq. ft.	Carpet Area in sq. mts.	Block	Floor
1	37	Lecture Hall	30.2 x 29.6	891.25	80.2	I	Gr
2	38	Lecture Hall	30.2x29.6	891.25	80.21	I	Gr
3	39	Sports Room	30.2 x 29.6	891.25	80.21	I	I
4	114	ICT	20x30	600	54	I	I
5	129	Lecture Hall	30.2x30.2	911.06	81.99	I	I
6	131	Lecture Hall	30.2x30.2	911.06	81.99	I	I
7	132	Lecture Hall	30.2x30.2	911.06	81.99	I	I
8	135	Lecture Hall	30.2x29.11	905.11	81.45	I	I
9	207	Lecture Hall	29.10x29.6	881.56	79.34	I	II
10	227	Lecture Hall	21.4x27.10	594.71	53.52	I	II
11	303	Lecture Hall	30x20	600	55.74	II	III
12	305	Center for Womens' Studies	30x20	600	54	II	III
13	306	Sanskruithi	33x28	924	83.16	II	II
14	307	PG Lecture Hall	33x30.04	991.32	89.21	II	III
15	308	PG Lecture Hall	21x28	588	52.92	II	III
16	309	PG Lecture Hall	33x28	924	83.16	II	III
17	313	Lecture Hall	30x20	600	54	I	III
18	F-2	P.G Lecture Hall	24X30	720	64.8	III	I
19	F-3	Lecture Hall	24X30	720	64.8	III	I
20	S-5	Lecture Hall	24X30	720	64.8	III	II

### Labs with Internet

S. No	Room No	Details	Dimensions in Sq. ft.	Carpet Area in Sq. ft.	Carpet Area in sq. mts.	Block	Floor
1	21	SACReD	30 x 30.2	892	80.28	I	Gr
2	28	Genetics Lab I	30x20	600	54	II	Gr
3	31	Biotech Lab –Watson & crick Lab	30 x 30.2	905	81.45	I	Gr
4	35	Bio Chemistry Lab – Leininger's lab	20 x 30.2	603.33	54.29	I	Gr

5	36	Zoology Lab-II + Research Lab – Linnaeus Lab	40 x 30.2	1206.67	108.6	I	Gr
6	112	Botany Lab I (Calvin Lab)	40x30	1200	108	I	I
7	115	Computer Science Lab-III (Turing Lab)	28x25	700	63	I	I
8	127	Micro – Lab II (Pasteur Lab)	27.6x20	550	49.5	II	I
9	203/205	B. Com Lab I	25.9x27.3	696.3	62.66	I	II
10	210	Psychology Lab	15.5x30.2	465.53	41.89	I	II
11	215	Commerce Lab/ED Cell (Jamshedji Tata Memorial Hall)	20x30	600	54	I	II
12	218	Physics Lab III Electricity Lab	30.3x30	907.5	81.6	I	II
13	237	French Lab & Staff Room	18 x 19	352	32.70	I	II
14	302	English Lab	30x20	600	55.74	II	III
15	T-2	MCA Comp. Science Lab	35.4X29.4	1031	95.69	III	III

**Exam Cell**

1	Valuation room	32' X 28'	896	85	III
2	COE office	32' X 27'	864	82	III

**Wi Fi Upgradation (overall)**

	Total Compu te rs	Com puter Labs	Internet	Brow sing Centr es	Co mpu ter Cent res	Offic e	De par tme nts	Available band width (MGBPS) Internet	Others



Existing	514	438	40 Mbps	22	-	20	34	40 MBPS	Based on the requirements hardware's & software's will be purchased & installed periodically
Added	40(PG .Di p.)	40(P G.Di p.)	-	-	-	-	-	2 leased lines 20 Mbps each BSNL, 5 Shared lines of Broad band connections of 40 Mbps from ACT for IQAC, Admin office, and exam cell	
Total	554	478	-	22	-	20	34		-

## XXVIII

### - Medical Facilities

#### Health Centre

Health Centre which has an area of 358.43 Sq. ft. Provides primary medical care for the student and staff on the campus. It is equipped with 4 beds; necessary equipment and a well-qualified and trained staff Nurse takes care to provide primary and first line of treatment in case of emergency. It frequently organizes various health related activities/ awareness programs/ health check-ups for the benefit of the students and faculty. It extends its services such as blood donation camp, Awareness programs, Eye check-up, dental check-up etc to the neighbourhood community also. The following equipment is available in the health centre.

#### Equipment Details in Health Centres

S.No.	Items	Quantity
1	BP Apparatus (Mercurial Diamond Regular)	1
2	Stethoscope Microtone	1
3	Pulse Oximeter Finger Tip	1
4	Dressing Tray Steel (Big, Small)	2
5	Dressing Tray Plastic	1
6	Cup Board	1
7	One Touch Blood Glucose Monitoring System	1
8	Wheel Chair	1
9	Drip Stand	1
10	Weighing Machine	2

11	Sanitary Napkin vending Machine	1
12	Curtain Stand	1
13	Beds	4
14	Over Coat	1
15	Medicine Box	9
16	Bp Bulb	1
17	Door Curtain	2
18	Window Curtain	1
19	Bed Sheets	4 Sets
20	Pillow Cover	2 Sets
21	Table	1
22	Chair	4
<b>INSTRUMENTS</b>		
1	Artery	2
2	Curved Scissors	1
3	Forceps	1
4	Knee Hammer	1
5	Dressing Drum	1
6	Thermometer	1
7	Torch	1
8	Cheater forceps	1

**XXVIII Annexure**  
**Activities Organized by health centre**

<b>2015-16</b>				
S. No	Date	Participants	Name of the Event	Collaboration
1	19/09/2015	Students & Faculties	Dental Camp	Sujatha Dental Care, Mehdipatnam.
2	21/09/2015	School Students	Anemia check up in the Govt. Zillaparishad school- Sr. Rita Antony,	---
4	08-10-2015	Nonteaching Staff	Health Awareness Programme	Dr Ammajee medical officer, Golconda Govt Hospital

5	05-12-2015	All teaching and non-teaching staff	Cardiology Camp (Where tests for random blood sugar, ECG and 2 D Echo and Free consultation was provided by Cardiologist, Gynaecologist and Internal medicine was provided by experts)	Care Hospitals Banjara Hills
<b>2016-17</b>				
1	29-07-2016	Students	Thyroid camp	Abbot India Ltd for a very subsidized rate of Rs 50
2	30-07-2016	All teaching and non-teaching staff	Complete Health Check-up Camp	Abbot India Ltd for a very subsidized rate
<b>2017-18</b>				
1	05-08-2017	Students	Regular Blood Glucose Test and Haemoglobin Tests- Health Centre	_____
2	15-09-2017	Faculties	Complete Health Check-up Camp	Abbot India Ltd for a very subsidized rate
3	20/10/2017, 21/10/2017	Students & Faculties	Free Dental Camp	Partha Dental care centre
<b>2018-19</b>				
1	29-11-2018	Students & Faculties	“KantiVelugu”	
<b>2019-20</b>				
1	28-06-2019	Sports Students	Complete health Check-up Camp for sports students- Health Centre	_____
2	05-07-2019		Health Awareness Program	Adolescent Health Academy Hyderabad and Tanveer Foundation
3	20-07-2019	Students & Faculties	Free Dental Camp	Partha Dental

4	02-02-2020	Students & Faculties	Raise Awareness of Thyroid Disorders	Thyrocare
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**XXIX**

**- TRANSPORT FACILITIES – N.A**

**XXX**

**- OTHERS Facilities**

**1. ExamCell**

After the conferment of the autonomous status in the year 2015, the institution has got an exclusive setup for examination branch. The exam cell operates from the third floor to maintain utmost confidentiality; it is a facility of 4 offices for COE, ACOEs, and an Admin wing with an additional Store room facility.

**Exam Cell is equipped with**

- Dedicated customized software which has been developed to automate all examination related matter.
- Exam cell automation software is developed using software SQL Database, ASP. Net Technology and Hadoop web, CSS &Jquery.
- The P24x7 package comprises of Student Information Management System –SIMS, Exam module including all essential features related to examinations. The software caters to online registration for examination, download of hall ticket and grade sheets.
- An e-module has been developed by exam cell to communicate with all departments with regard to all confidential academic information. It has the complete archive of syllabus and subject related information.
- Online admission module and attendance module have also been extended and integrated with the existing software currently.

**Exam Cell – Addition of equipment**

- Computers- 11
- B/W printers-4

- Printer/scanner/copier- 3
- Color printers-3
- UPS
- Cloud Server and
- Reprography facility LCD projector and conferencing facility. Surveillance cameras are being installed in the academic year 2019 - 2020 at significant places to ensure proper security measures.

## **2. Drushya – (Digital Recording Studio of St. Ann’s) Media Studio**

- The college has well established media studio- Drushya for all digital visual recording lectures and other courses videos setup in the academic year June, 2016-17. It was constructed in the area of 84 sq. ft.
- The Media center is enabled with a digital camera, High Resolution SONY Handy Cam Video Recorder (24MP), Computers & Laptops, Photo and video editing software, Audio Equipment, External Hard Disk Drives for archiving of all recorded data, Digital Display Units and Webcams.

## **3. SAHHARA: Motto: Heart to God, Hand to man**

- SAHHARA-St. Ann’s Helping Hands & Reaching Arms was conceived and started in the year 2005 in the area of 100 Sq. ft.
- SAHHARA helps in imbuing the sense of responsibility among students that they owe towards society. In turn students develop leadership qualities through Team Building, Networking & Understanding Professional Ethics. It is a centralized platform for outreach activities in the campus. Thus, various activities are carried out in this regard at three levels-Institutional, Department and Club Level. SAHHARA is collaborated with Rotary International, NGO’s, Apollo Hospitals, NIMS Hospitals, Red Cross, Telangana State, GHMC.

## **4. AV Room:**

Air-conditioned Audio-visual room to accommodate 250 is well equipped with sloping seating arrangement for theater effect with LCD screen, cushioned seating, good interior decor and audio visual and ICT facilities. It has an area of 1822.11sq.ft.

## **5. Botanical Garden:**

The campus has a well-maintained Botanical Garden with full-time gardener who takes care of Planting, weeding, pruning, watering, raking and mulching of plants and trees, maintenance of lawn and cultivation, sweeping and cleaning debris as and when required, for a clean and green campus. Botanical Garden has a number of ornamentals, medicinal and vegetable plants for conduct of physiology experiments and to train students on horticultural techniques, vegetative propagative methods, identification and importance of medicinal plants.

- 6. SACReD** –The Research Centre is 892 Sq. ft. housing facilities including a Library and reading room. The college has a well designed SACReD research lab which undertakes

Research projects of both students and faculty. Lab apparatus are also used for science research projects. The research cell is well equipped with the instruments and equipment's.

- Facilities available- Computer facility with net connectivity, printer scanner and an LCD projector. Software package SPSS/PASW – product analysis software used for both qualitative and quantitative analysis in research.
- Equipment and Instrument chamber
- Aseptic Zone
- Work stations

SACReD administers all types of research projects constituted with college scrutiny committee to select the viable projects funded by college UGC and other organizations. Incorporating a research component along with a sound academic foundation enables students to develop independent critical thinking skills along with oral and written communication skills.

- With these facts in view, the institution has established a centralized interdisciplinary research lab- SACReD, for faculty and students
- A centralized research facility with the latest equipment, computational facilities, work stations and books and journals were upgraded in the last five years under autonomy.
- Financial grant from UGC – CPE was also made available to the students and staff for research/ project work.
- E-journal 'Annquest' publishes all categories of research work online and network with researchers across the globe.
- Institution Innovation Cell (IIC) was established in Sep 2019 under the guidance of AICTE/MHRD with elected office bearers and regular activities are conducted as per the calendar of events suggested by MHRD. In view of MHRD various cells were initiated such as SAIC (St. Ann's Incubation Centre) -Innovation and Start Up Cell, SAIPRC – St Ann's Intellectual Property Rights Cell.

**7. Prayer Room:** The College has an area of the prayer room 825.37Sq.ft. St. Ann's College offers an independent/Separate room for prayer on campus. We offer a welcoming environment for all regardless of their religion, spiritual belief or creed. To commend the day the college choir invokes God's blessing by singing hymns and bible reading.

**8. Stationary &Shop:**

The stationary shop accommodated in area of 150Sq.ft. It helps the students to take printout, Xerox in the college itself. The stationary mart also provides extended student support services by Xeroxing the learning materials, and sells the required stationary for students at door disposal within the premises.

**9. Fitness Center:** It was established in the year of 2006 with the area of 19mts X 32m. The fitness center is run by the well-trained master towards the benefit of the students and faculties. It contains more than 20 yoga mats, a multi gym with workstations and 10 judo

Mats. Fitness centre also conducts various competitions within the college campus to create awareness about health benefit and enhance concentration power and be proactive all-round the year.

Diet Counselling cell: Department of Nutrition has a full-fledged diet counseling cell for students, staff and the neighborhood community. The activities undertaken are Anemia checkup, BMI (Body mass index) for obesity from 2-3p.m. twice a week. Diet counseling is taken up by the P.G students under the supervision of respective faculty.

<b>9.</b>	Sports facilities (indoor/outdoor), Play grounds, Fitness equipment, sports coaches, etc.	Annexure 9.1
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### **Annexure – 9.1**

The Department of Physical Education was established in the year 1986 with training few students and today around 2500 students and staff utilize the facilities provided by the department. The department has one Physical Education faculty, one Gym instructor cum fitness trainer and two supporting staff.

The department provides training for all forms of competitive physical activity or games - through casual or organized participation. This training helps in maintaining physical fitness and improving the skills while providing enjoyment to participants and also increases the competitive spirit and confidence among the participants. Following are the criteria's which sports complex provides

### **SPORTS COMPLEX - INDOOR, OUTDOOR & GYM**

The department provides training for all the following sports:

1. Chess
2. Athletics
3. Kho Kho
4. Carrom
5. Table Tennis
6. Taekwondo
7. Handball
8. Cross Country
9. Yoga
10. Basket Ball
11. Throw Ball
12. Badminton
13. Tennikoit
14. Volley Ball
15. Judo
16. Lawn Tennis

## 1. INDOOR GAMES

S. No.	Name of the Game	Area Available	Year of Establishment	User Rate
1	Chess	1076 square feet (For all the indoor games)	1986	Available to All Degree & P.G Students
	Carrom			
	Table Tennis			

## 2. OUTDOOR GAMES

S. No.	Name of the Game	Area Available	Year of Establishment	User Rate
	Volleyball	1743 square feet	1987	All Degree & P.G Students
	Handball & Kho-Kho	8611 square feet	1987	
	Tennikoit	720 square feet	1987	
	Basketball	5489 square feet	1987	

## GYMANSIUM

The Gymnasium was established in the year 2006. The department has a gym instructor with 14 years of experience in physical fitness training. The instructor at the department provides training to the staff and students to maintain their physical fitness. Around 450 students utilize the gym facilities every week. Gym is open for all the students and staff every day from 1:00 p.m. to 3.30 p.m. in the afternoon. The dimensions of the area available for gym are as below

- Yoga area- 862.92 square feet
- Gym area -639.85 square feet

The following are the equipment available in the gym

S.No	EQUIPMENT	No. Available
1	Cycles	1
2	Ab Exercise	2
3	Home Gym	1
4	Jogger	2
5	Aerobics Step	4
6	Aero Stepper	1
7	Twister	2
8	Height Measuring Stand	1
9	Dumb bells	12 pairs
10	Skipping Ropes	2
11	Weighing Machines	1



12	Judo mats	12
13	Flat Bench	1
14	Iron Rack	1
15	Alma rah	0
16	Cross Trainer	1
17	Aprole Machine	1
18	Bench Press	1
19	Stand	1
20	Music System	1
21	4 Station Gym	1
22	Exercise Ball	2
23	Bench Press Rod	1
24	Plate 5kg	1 pair
25	Plate 2kg	1 pair
26	Yoga Mats	12

### PLAY GROUNDS - MAINTENANCE

Maintenance is mainly to keep the quality of sport surfaces which is necessary for basic regular maintenance. Following are the aspects for which the maintenance is provided –

- To check for the sports equipment like balls, nets, markings for the courts.
- Removal of leaves from the pitch.
- Regular brushing or brooming of surface
- Maintenance of cleanliness of pitch and its surroundings
- Indoor sports facilities like availability of coins, boards, bats, kits etc.
- GYM – it involves proper servicing of equipment like treadmill, cycles and also clean
- hygiene of mats for Judo and Yoga students

### SPORTS EQUIPMENT

S.NO	NAME OF THE GAME	EQUIPMENT/ ITEM	QUANTITY AVAILABLE
<b>INDOOR</b>			
1	Chess	Chess Coin sets	20
		Chess Boards	20
		Chess Clock	1
2.	Carron	Carron Sets	17
		Carron Boards	12
		Strikers	7
		Carron Boards Stands	12
		Carron Powder	08
3.	Table Tennis	Table Tennis balls	48
		T.T. Bats	4

		T.T. Nets	2
		T.T. Tables	2
<b>OUTDOOR</b>			
4.	Basketball	Basketballs	17
		Basketball Net	1
		Basketball Court	1
5.	Kho-Kho	Kho-Kho Poles	1Set
6.	Handball	Handballs	5
		Handball Goal Posts	1pair
		Handball Nets	1
7.	Athletics	Shot Puts	1
		Javelin	1
		Discus	1
		Height Measuring Stand	1
		High Jump Stand	1pair
8.	Tennikoit	Tennikoit Rings	4
		Tennikoit Net	1
		Tennikoit Poles	1pair
9.	Volleyball	Volleyball Balls	10
		Volleyball Poles	3 pairs
		Volleyball Nets	3
10	Kabaddi	Knee Caps	7pairs
		Foot Caps	5pairs
11.	Lawn Tennis	Tennis balls	5
12	Badminton	Badminton Poles	1
		Badminton Net	1
		Shuttle Cocks	1box
13	Throwball	Throwball	06
		Throwball Nets	2
14	Uniforms	Track Suits, Judo Dress, T. Shirts, Shorts	269
15.	Outdoor miscellaneous	Flag poles big	18
		Hand flag poles	10
		Measuring Tapes	1
		Score Boards	2
		Carry Net	1
		Balls Stand	7
		Skipping Ropes	4
		Trolley	1
		Medicine Balls	8
		Score Board	2

		Substitute Bench	3
		Umbrella	2
		Tent	3
		Referee Stand	2
16.	Miscellaneous	Chinese's Checker Coins	1Set
		Weighing machine	1
		Cycle Pump	1
		Name Stands	5
		Medals Gold- 24 Silver-25 Bronze-22	71
		Shoe Rack	2
		Equipment Rack	1
		File Rack	1
		Table Cloth	3
		Door Mat	2
		Long Table	1
		Filter	2
		Tool Kit	1
		Ladder	1
		Computer Table	1
17.	<b>ICT Facilities</b>	Computer	1
		Printer	1
		System Speakers	1set
		LCD	1
		Television	1

### **TRAINING BY THE COACHES**

The Department collaborates with 16 qualified coaches to train the students. All the coaches are well experienced; a few coaches visit on a part time basis. The students are trained rigorously by the coaches to prepare them to participate and excel in various competitions at university, state, national and international levels. Sports include various forms of games like volleyball, throw ball, basketball, kho-kho, badminton, table tennis, chess, carrom, judo, hand ball, yoga, cross country lawn tennis, taekwondo, tennikoit, yoga etc., the allotment is done according to planned schedule, the training sessions are held every day morning from 7:00 am to 8:30 a.m. Training is given for a period of 2 months to the students for every game. During the competition season the training sessions are arranged in two sessions both in the morning as well as in the evening before 15 days of the beginning of the tournament. During the competitions the regular die is supplemented with high protein dietary sources.

### **SPECIAL FACILITIES GIVEN TO SPORTS STUDENTS**

- Sports quota admissions

- Re-exams arranged in case of participation in tournaments
- Merit Scholarship
- Diet
- Sports kit
- Attendance for the period of absence
- Coaching camps
- Outdoor activities
- Felicitating national and international players

<b>10.</b>	<b>Total Buildings (covered area in sq. Ft.)</b>	<b>33684.7 sq. ft.</b>
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### CARPET AREA

Ground Floor - Block - I				
Room No	Detail	Dimensions in ft.	Carpet Area in Sq.ft.	Carpet Area in Sq.mts.
1	Reception / PRO	10 x 10	100	9
2	Administrative Office	50 x 41	2050	184.5
2A	SAHAARA		100	9.29
3	Office Store Room	27.5 x 30	825	74.25
4	Wash Room	15 x 15	225	20.25
5	Dean Student Affairs	10 x 10	100	9
6	IQAC	15 x 30	375	33.75
7	Principal's Chambers	30 x 21	630	56.7
8	Vice Principal's Office (Merged into IQAC)	10 x 10	100	9
9	Correspondent's Chambers	10 x 11	110	9.9
10	Conference Hall	31 x 30	930	83.7
	Visitors Lounge	30 x 35	1050	97.54
11	Electrician Room-I	8 x 3	24	2.16
12	Chemistry Seminar Hall	30.2 x 30.2	911.05	81.9
13	Chem. Store Room	20 x 12	240	21.6
14	Biochemistry Staff room	22 x 10	220	19.8
15	Placement & Career Counselling Cell		200	18.58
16	Chem. Lab IV - Kekule	40 x 30.2	1188.35	106.9
17	Chem. Lab III - Bronsted	40 x 30.2	1188.35	106.9
18	Instrumentation lab - Heisenberg Lab	25.4 x 30	760	68.4
19	Armstrong Balance room	30x12	360	32.4

19 A	Chem. Preparation Room – Gas Plant	11 x 10	110	9.9
20	Chem. Lab II - Madame Curie Lab	30 x 30.2	892	80.28
21	SACReD	30 x 30.2	892	80.28
22	Chemistry Staff Room	30 x 12	360	32.4
23	Electrician Room-II	8 x 3	24	2.16
31	Biotech Lab –Watson & crick Lab	30 x 30.2	905	81.45
32 & 33	Zoology Lab-I – Aristotle Lab & Zoology-Museum Animalia	40 x 30.2	1206.66	108.58
34	Zoology Staff Room	9 x 30.2	271.5	24.43
35	Bio Chemistry Lab – Lehniners lab	20 x 30.2	603.33	54.29
36	Zoology Lab-II + Research Lab – Linnaeuse Lab	40 x 30.2	1206.67	108.6
36A				
36 B	Reading Room - Zoology	9 x 30.2	271.5	24.4
36 C	Store Room - Zoology	10 x 10	100	9
	Men's Wash Room	20 x 15	300	27
	Wash Rooms -Student	26 x 15.5	400	36
37	Lecture Hall	30.2 x29.6	891.25	80.2
38	Lecture Hall	30.2x29.6	891.25	80.21
39	Sports Room	30.2 x 29.6	891.25	80.21
39A	Staff Room – Physical Education	08 x 09	72	6.68
39B	Sports- Store Room	8 x 3	24	2.16
40	Prayer Hall	27.11x29.6	825.37	74.28
41	Health Center	12.2 x 29.6	358.43	32.25
41A	Stationery / PCO / Xerox	10 x 15	150	13.5
42	Canteen	53 x 30.2	1590	143.1
47	Seminar Hall- I	60 x 30.2	1782.5	160.4
	Generator Room	10 x 15	150	13.5
	<b>Carpet area</b>		<b>26855.46</b>	<b>2420.78</b>

<b>Ground Floor - Block - II</b>				
<b>Room No</b>	<b>Detail</b>	<b>Ground Floor Dimensions in ft.</b>	<b>Carpet Area in Sq.ft</b>	<b>Carpet Area in Sq.mtr</b>
24	Staff Room - Nutrition	18x30	534	48.06

25	Nutrition Lab II	20x30	600	54
26	Nutrition Lab I	27.6x 30	825	74.25
27	Genetics Store Room	20x14	280	25.2
27A	Genetics Staff Room	16x10	160	14.4
28	Genetics Lab I	30x20	600	54
29	Nutrition PG Lab	30x20	600	54
30	Diet Counseling Centre	15x12	180	16.2
	<b>Carpet area</b>		<b>3779</b>	<b>340.11</b>

<b>Ground Floor - Block - III</b>				
<b>Room</b>	<b>Details</b>	<b>Dimensions in ft.</b>	<b>Carpet Area in Sq.ft</b>	<b>Carpet Area in sq.mts.</b>
<b>G1</b>	Chemistry Lab 1	24X30	720	64.8
<b>G2</b>	Chemistry Lab 2	24X30	720	64.8
<b>G3</b>	PG Chemistry Staff Room	11.71/2 X30	352	31.68
<b>G4</b>	Preparation Room	11.71/2 X30	352	31.68
<b>G5</b>	Chemistry Lab 3	24X30	720	64.8
<b>G6</b>	Balance Room	15.52x12	186.24	17.325
	<b>Carpet Area</b>		<b>3050.24</b>	<b>275.085</b>

<b>Total Carpet area</b>	<b>Square feet</b>	<b>Square meters</b>
The sum total of the area of the ground floor (Block I, II & III)	<b>33684.7</b>	<b>3035.975</b>

<b>11.</b>	<b>Whether the College website is available and updated regularly?</b>	<b>Yes</b>
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## Historical Data

### ELECTRICITY BILLS

S No	Month	Amount	difference (Kwh)
1	Jan 2022	43367	10248
2	Feb 2022	34130	6245
3	July 2022	29757	10872
4	Aug 2022	47457	7902
5	Sep 2022	51516	15551
6	Oct 2022	47457	14279
	<b>Total</b>	<b>253392</b>	

From Table, the average cost of the monthly consumption is calculated to be RS 42232  
Thus, the cost of the yearly consumption is RS 390817.

### RECOMMENDATIONS

- St. Anns by the time the next audit is initiated should review and revise its energy policy which will be the basics for the next policy
- The audit team appreciates the well version layout planning of institute ensuring proper green cover implementation on the basics of efficient carbon capture
- We recommend the institute to look forward to installing solar energy in the near future.

**OBSERVATION PHOTOS**







AUDIT

by

**Green Waves Environmental Solutions**

TEAM

**AM Sylaja**

Head, Department of Biochemistry and Eco club convenor

St. Ann's College For Women

**Sayana Sai Brahmani**

Project Manager

Green Waves Environmental Solutions

**N. Aditya Madhav**

Resource Person

Green Waves Environmental Solutions

**Members**

Dharini Eco Club of St. Ann's College For Women

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