



Swachchatam Mahavidyalaya Samman 2016-2017

Goa University



March 2017

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REPORT ON Swachchatam Mahavidyalaya Samman

1. INTRODUCTION

As rightly pointed out by Berry (2002), there is clear link between environmental quality of academic institutions and educational/research performance of students/teachers as

- **Facility management systems** determine **environmental quality** in academic institutions,
- The **quality of the institution environment** shapes **attitudes of students, teachers and staff,**
- **Attitudes** affect **teaching and learning behaviour,**
- **Behaviour** affects **performance, and**
- **Educational performance** determines **future outcome of individuals and society as a whole.**

Berry (2002) also stressed that the existing research indicates that the productive and high performance institutions manifest common traits, such as

- A high performance institution seeks and provides adequate space and opportunities for students and teachers to spread out, reflect, interact, exchange information, examine and test ideas.
- The appearance of institution attracts students, teachers, and local community.
- The institution has adequate natural lighting that enhances productivity.
- The institution strives for student-friendly conditions throughout the building.
- The institution attracts good teachers and supports their retention.
- The institution is designed to reduce stress, is comfortable, has a pleasant atmosphere, and manages noise.
- The Institution has sanitary cleanliness.
- The risk of an adverse health effect is negligible/minimal.

The facilities management system of any academic institution must revolve around providing complete comfort to the students, to the teaching community and to the administrative supporting staff, being the three important stakeholders considered as crucial for the very success of any academic institution, in fact the three layers of the pyramid of any academic institution. Success of any learning Programme offered by any academic institution depends on how best and appropriately the entire environment of the academic institution is maintained and managed. The more the students/teachers feel comfortable, the more will be the learning/teaching outcome. Comfort includes providing a healthy environment in and around the academic institution. Thus, in tune with this very basic foundation of providing healthy environment to all the three stakeholders, **Her Excellency Mridula Sinha**, Governor of Goa has come up with a new scheme of awarding **Swachchatam Mahavidyalaya Samman** (for the first time in India) under the **Swachh Bharat Mission** to encourage, motivate, and institutionalize the concept of cleanliness among the students, teaching community, and administrative supporting staff from undergraduate level. At this stage, the student community can be shaped to be good citizens with a mindset to make the concept of 'Clean and Green India' a reality. The award will definitely motivate the institutions that are really practicing the

concept of cleanliness from inception, and can be a bench mark to other institutions to emulate. The overall aspect considered while evaluating the institutions is the existing practices followed to maintain good and efficient environment which positively affects the health and learning of the student/teaching community. The practice of cleanliness must be on a regular and continuous basis as the concept of cleanliness leads to overall improvement of the credibility of academic institutions.

2. CRITERIA ADOPTED FOR EVALUATION

In order to identify the best institution in the State of Goa having a planned and well managed system of cleanliness, a Committee was constituted and the Committee essentially employed **ten criteria** required to be followed as per the *Swachh Bharat Mission*. These aspects include:

1. **Stop littering and dispose garbage properly:**
[Garbage disposal practice and maintenance of the premises]
2. **Sort your garbage**
[Garbage segregation practice/Biodegradable v/s non-biodegradable]
3. **Maintain Hygiene**
[Overall ambiance, class rooms, office, toilets, canteen, *etc.*]
4. **Re-Use and Re-cycle**
[How the 2nd aspect is processed further]
5. **Say NO to Plastic**
[Ability to avoid use of plastics – connected to 2nd and 4th aspects]
6. **Consume what you need**
[Waste minimization practice – connected to 2nd, 4th, and 5th aspects]
7. **Water care**
[Minimal usage, recycling and rainwater harvesting practices]
8. **Reduce your carbon footprints**
[Facilities usage practices – AC, vehicles, *etc.* leading to Greenhouse Effect]
9. **Check Air Pollution**
[Waste and garbage disposal practices – connected to 2nd, 4th, and 5th aspects]
10. **Environmental education and tree plantation**
[Afforestation and Reforestation practices]

These **ten criteria** are **categorized into five sections** and are explained below. These criteria are employed for evaluating and verifying the facilities management aspects of an institution.

Section I: Stop littering and dispose garbage properly - Consists of 15 statements each having 4 points, totaling 60 points. As the famous saying goes “*First impression is the best impression*”, the moment one approaches or enters an institution, one should feel it as “*a welcoming place*”, having

- Landscape, safe drinking water facility, sanitation and with an efficient pollution management system,
- Good and safe access / Good signage to and inside the institution,
- Equal access for all members of the community / Litter and other waste management,
- The maintenance of playground, beautification and landscaping, buildings, equipment’s and other features
- A policy of litter, vandalism and maintenance should be in practice and regularly reviewed,
- An existence of a compound wall and secured entry/exit points to protect from any wrongful and unauthorized entry, and
- Proper fire safety measures maintained in working condition and practiced.

These aspects were checked by the Committee members as they entered the campus. The presence of these requirements improves the attitude of the stakeholders positively and makes the institution more appealing. Focus is emphasized on safe drinking water facility and sanitation. Total number of safe drinking water units, besides the number of toilets was compared with the student strength.

Section II: Includes five aspects *viz.*, **Sort your garbage, Maintain Hygiene, Re-use and Re-cycle, Say No to plastic, and Consume what you need**, and **consists** of 15 statements each allotted 2 points, totaling 30 points. The Committee members verified all the above mentioned aspects during the visit. To achieve success, a level of awareness among the stakeholders and a definite policy in place at the institution. This was confirmed by assessing:

- Surroundings of the institution while entering / Various offices / Class rooms,
- Laboratories / Computer Labs / Library / Girls and Boys common rooms,
- Toilets / Canteen / Sports complex/auditorium,
- Re-using and Re-cycling areas (Waste disposal and management – incineration, composting, waste water treatment plants, *etc.*)

The Committee also interacted with students, teachers, administrative and canteen staff to assess the information about the duration of such practices at the institution. Besides the garbage management system of the institution including the hygiene existing and practiced in and around the institution was checked.

Section III: Single criterion *viz.* **Water Care** was evaluated. It consists of 10 statements each having 4 points, totaling 40 points. The Committee members obtained the information about the supply and demand for water in the institution, dependence on external and/or internal source, storage and dispensing facility, re-use and recycling of waste water, and overall availability of drainage facility. The Committee members also verified whether:

- Central water storage facility was maintained in hygienic condition,
- Planned capacity tallied with actual capacity,
- The water dispensing areas (wash rooms, toilets, drinking water facility, water taps outside the buildings, *etc.*) maintained properly,
- The water for other purposes including consumption came from same source or not,
- Purification mechanism was available for providing safe drinking water, and
- Any rainwater harvesting facility, re-use or re-cycle facility was available.

Section IV: Reduce your carbon footprints and Check Air Pollution - consists of 10 statements each having 2 points, totaling 20 points.

The Committee members verified whether the institution provide transportation facility for the students. The more an institution allows entry of vehicles, the more will be the carbon footprints. The Committee members verified the following aspects:

- Whether the institution has its own transportation facility for the students?
- Whether the institution has sufficient and proper parking place?
- Whether the parking place is maintained well and whether the stakeholders follow rules properly?
- Whether the institution has sufficient natural lights and ventilation in and around the buildings?
- Whether the institution use incinerator for burning the dry waste?

Section V: Environmental education and tree plantation - consists of 5 statements each having 4 points, totaling 20 points. The Committee members inspected the environmental awareness created by the institution among students and teachers and checked the following aspects:

- Whether the institution has enough greenery in and around the campus?
- Whether the institution has regular practice of planting saplings and maintaining them?
- Whether the institution imparts environmental education to its stakeholders?

Upon evaluation of the above ten criteria, the overall weighted average score was computed and a report was prepared. This exercise of evaluation and assessment was carried out in with complete objectivity.

3. BASIS OF CLASSIFYING INSTITUTIONS

The criteria used for classifying the institutions were based on weighted average score as explained below:

#	Category (% out of 170 points)	Weighted Average Score (WAS)	Grade	Remarks *
1	Excellent (above 80%)	136 >	A+	Excellent
2	Good (70% - 80%)	119-135	A	Good
3	Satisfactory (50% - 70%)	85-118	B+	Satisfactory
4	Unsatisfactory (40% - 50%)	68-84	B	Unsatisfactory
5	Poor (20% - 40%)	35-67	C	Poor
6	Very Poor (10% - 20%)	18-34	D	Very Poor
7	Extremely Poor (below 10%)	17<	E	Extremely Poor

* *The condition existing in the institution with respect to **Health / Safety / Security of people.***

The present report is classified into three categories:

- Sarvaswachh Academic Institution in Goa
[All 54 institutions: **Annexure – 1**]
- Sarvaswachh Academic Institution in Goa
[Professional and Non-professional Institutions separately: **Annexure – 2 & 3**]
- Sarvaswachh Academic Institution in Goa
[Private and Government Institutions separately: **Annexure – 4 & 5**]

These classifications may help in improving the standard of the institutions in the coming years as those who ranked low may learn from the one which is ranked high. This classification may also enable the low ranked institutions to visit such high ranked institutions to learn about the best practices followed.

Two (2) institutions, viz., **Dempo College of Commerce and Economics** and **Government College of Home Science**, opted out from the inspection.

Annexure 1: Ranking (Overall for all 54 colleges)

#	Category	Institution	W	1*	Rank	2*	Rank	3*	Rank	4*	Rank	5*	Rank	Total	Rank
1	A +	V M Salgaocar Institute of International Hosp. Edn	100%	58.0	2	26.5	1	34.0	1	14.5	3	10.0	14	143.0	1
2	A +	National Institute of Hydrography	100%	60.0	1	17.5	6	28.0	2	20.0	1	13.0	6	138.5	2
3	A +	Smt Parvatibai Chowgule College	100%	51.0	4	24.0	3	28.0	3	17.0	2	17.0	2	137.0	3
4	A	V. N. S. Bandekar College, Mapusa	90%	52.2	3	23.9	4	25.2	5	14.0	4	18.0	1	133.3	4
5	A	Rosary College, Navelim, Salcete	90%	48.2	5	24.3	2	24.3	6	12.2	7	12.6	7	121.6	5
6	B +	PES Bandekar College of Pharmacy	90%	47.7	6	14.9	10	21.2	10	13.5	5	14.0	4	111.3	6
7	B +	Don Bosco College of Engineering	100%	42.0	8	18.0	5	27.0	4	13.0	6	11.0	12	111.0	7
8	B +	Shree Mallikarjun College, Canacona	90%	45.0	7	17.1	8	21.6	9	11.3	8	15.3	3	110.3	8
9	B +	P. E. S College, Ponda	80%	37.6	9	13.2	12	20.0	12	10.8	10	13.6	5	95.2	9
10	B +	Vrundavan Institute of Nursing Education	80%	36.0	10	12.0	14	22.8	7	9.6	11	12.0	9	92.4	10
11	B +	St. Xaviers College, Mapusa	70%	35.7	11	10.2	22	21.0	11	11.2	9	12.6	8	90.7	11
12	B +	Carmel College, Nuvem-Salcete	70%	34.3	12	14.0	11	18.2	15	8.05	18	11.2	11	85.75	12
13	B	G. V. M's College of Education	70%	31.9	13	10.5	20	21.7	8	9.45	12	9.8	15	83.35	13
14	B	Don Bosco College of Agriculture	70%	27.3	17	17.5	7	18.9	14	7.7	21	7.0	23	78.4	14
15	B	Govt. College, Sanquelim	70%	29.8	14	11.9	16	19.6	13	7.7	20	8.4	19	77.4	15
16	B	PES College of Education	70%	25.9	20	10.9	18	16.8	17	9.1	13	9.8	16	72.5	16
17	B	S. E. S. Shri. Kamaxidevi Homeo Medical College	60%	27.0	18	12.0	15	12.6	26	7.5	22	11.4	10	70.5	17
18	B	Zantye College, Bicholim	60%	28.8	16	9.6	24	13.8	23	8.1	15	9.6	17	69.9	18
19	B	Shree Rayeshwar Institute of Engineering & IT	60%	27.0	19	10.8	19	14.4	21	6.9	24	10.8	13	69.9	19
20	B	Agnel Institute of Technology and Design	60%	29.4	15	11.1	17	13.2	24	8.4	14	6.6	25	68.7	20
21	C	Goa College of Engineering	60%	25.2	22	9.9	23	16.8	19	6.9	25	8.4	20	67.2	21
22	C	M. E. S. College, Zuarinagar, Vasco	60%	19.8	27	10.5	21	16.8	18	7.2	23	9.6	18	63.9	22
23	C	Goa Salesian Society, Don Bosco	60%	23.4	24	15.3	9	12.0	28	7.8	19	5.4	29	63.9	23
24	C	Govt College, Khandola	60%	25.8	21	8.4	27	17.4	16	8.1	16	3.6	35	63.3	24
25	C	Institute of Nursing Education	60%	22.8	25	9.3	25	15.6	20	8.1	17	3.6	36	59.4	25
26	C	Fr. Agnel College, Pilar	60%	20.4	26	6.3	31	14.4	22	6.0	26	7.8	21	54.9	26
27	C	Padre Conceisao College of Engineering	50%	17.5	29	9.0	26	13.0	25	5.5	29	7.0	24	52.0	27

W % Weightage

1* Overall Ambience

2* Overall Maintenance & Management

3* Overall Water Management

4* Overall Management of Environment

5* Overall Result of Environmental Education

A + Excellent *

A Good *

B + Satisfactory *

B Unsatisfactory *

C Poor *

D Very Poor *

E Extremely Poor *

* The condition existing in the institution with respect to **Health / Safety / Security of people.**

Annexure 1: Ranking (Overall for all 54 colleges)

#	Category	Institutions	W	1*	Rank	2*	Rank	3*	Rank	4*	Rank	5*	Rank	Total	Rank
28	C	Nirmala Institute of Education	50%	16.5	30	8.0	28	12.5	27	4.25	30	7.5	22	48.75	28
29	C	Dhempe College, Miramar	70%	23.8	23	12.3	13	4.9	45	2.45	39	4.2	31	47.65	29
30	C	V.M Salgaonkar College of Law	50%	16.0	31	6.75	30	7.5	35	5.75	28	6.5	26	42.5	30
31	C	PES Vidya Prabodhini College	50%	14.5	32	7.25	29	9.75	31	3.25	35	6.0	27	40.75	31
32	C	Ayurveda Mahavidyalaya, Shiroda	50%	18.0	28	5.25	34	6.5	37	2.75	37	6.0	28	38.5	32
33	C	Goa Dental College and Hospital	50%	13.0	34	5.5	33	11.0	30	6.0	27	2.5	41	38	33
34	D	Govt College, Quepem	40%	12.4	35	5.6	32	9.2	33	3.4	33	2.8	39	33.4	34
35	D	Goa College of Hospitality & Culnary Education	40%	14.4	33	5.2	35	8.0	34	3.4	34	2.4	42	33.4	35
36	D	Shree Damodar College, Margao	50%	10.0	38	3.75	40	9.5	32	2.5	38	4.0	33	29.75	36
37	D	Institute of Psychiatry & Human Behaviour	30%	12.0	36	4.95	36	7.2	36	3.6	32	1.2	50	28.95	37
38	D	V M R F College of Nursing	60%	10.8	37	4.2	37	11.4	29	1.2	49	0.6	53	28.2	38
39	D	G. V. M's College, Ponda	30%	8.1	40	3.6	42	6.0	39	2.85	36	5.1	30	25.65	39
40	D	Goa College of Art	30%	7.5	41	3.6	41	6.0	38	3.9	31	3.0	38	24	40
41	D	Goa Medical College	30%	8.4	39	3.3	44	5.7	40	2.25	41	1.2	51	20.85	41
42	E	Goa College of Music	40%	6.8	42	3.4	43	5.2	43	1.0	50	1.2	52	17.6	42
43	E	Goa College of Architecture	30%	5.1	48	3.9	39	2.7	50	1.5	45	4.2	32	17.4	43
44	E	Vikas Parishad Mandre College of Com. & Eco.	30%	5.4	47	2.4	48	5.4	42	1.95	42	2.1	44	17.25	44
45	E	V. V. M's G R Khare College of Law	30%	6.0	45	2.1	50	5.1	44	1.95	43	1.5	47	16.65	45
46	E	Goa Multi Faculty College, Darbandora	30%	6.0	46	1.65	52	5.7	41	0.75	53	2.4	43	16.5	46
47	E	Govt College, Pernem	30%	6.0	44	2.85	45	2.1	52	2.25	40	3.15	37	16.35	47
48	E	Ganpat Parsekar College of Education	30%	4.5	49	4.05	38	4.2	47	1.65	44	1.8	46	16.2	48
49	E	Goa College of Pharmacy	30%	6.3	43	2.7	46	4.2	48	1.35	48	1.5	48	16.05	49
50	E	C. E. S College, Cuncolim	30%	3.6	50	1.35	53	4.8	46	1.5	46	2.7	40	13.95	50
51	E	RC Pai Raikar Agriculture College	30%	0.0	54	2.1	51	3.6	49	0.75	52	3.9	34	10.35	51
52	E	Saraswat College, Mapusa	30%	3.0	51	2.55	47	1.5	53	0.9	51	2.1	45	10.05	52
53	E	SVVM's College of Commerce, Borim	30%	2.1	52	2.25	49	2.4	51	1.5	47	1.5	49	9.75	53
54	E	Govt College, Borda	20%	1.8	53	0.0	54	0.2	54	0.4	54	0.4	54	2.8	54

W % Weightage
 1* Overall Ambience
 2* Overall Maintenance & Management
 3* Overall Water Management
 4* Overall Management of Environment
 5* Overall Result of Environmental Education

A + Excellent *
 A Good *
 B + Satisfactory *
 B Unsatisfactory *
 C Poor *
 D Very Poor *
 E Extremely Poor *

* The condition existing in the institution with respect to **Health / Safety / Security of people.**

Annexure 2: Ranking (Professional Colleges)

#	Category	Institutions	W	1*	Rank	2*	Rank	3*	Rank	4*	Rank	5*	Rank	Total	Rank
1	A +	V M Salgaocar Institute of International Hosp Edn	100%	58.0	2	26.5	1	34.0	1	14.5	2	10.0	7	143.0	1
2	A +	National Institute of Hydrography	100%	60.0	1	17.5	3	28.0	2	20	1	13.0	2	138.5	2
3	B +	PES Bandekar College of Pharmacy	90%	47.7	3	14.9	4	21.2	6	13.5	3	14.0	1	111.3	3
4	B +	Don Bosco College of Engineering	100%	42.0	4	18.0	2	27.0	3	13.0	4	11.0	5	111.0	4
5	B +	Vrundavan Institute of Nursing Education	80%	36.0	5	12.0	5	22.8	4	9.6	5	12.0	3	92.4	5
6	B	G. V. M's College of Education	70%	31.9	6	10.5	10	21.7	5	9.45	6	9.8	8	83.35	6
7	B	PES College of Education	70%	25.9	10	10.9	8	16.8	7	9.1	7	9.8	9	72.5	7
8	B	S. E. S. Shri. Kamaxidevi Homeo Medical College	60%	27.0	8	12.0	6	12.6	13	7.5	10	11.4	4	70.5	8
9	B	Shree Rayeshwar Institute of Engineering & IT	60%	27.0	9	10.8	9	14.4	10	6.9	11	10.8	6	69.9	9
10	B	Agnel Institute of Technology and Design	60%	29.4	7	11.1	7	13.2	11	8.4	8	6.6	13	68.7	10
11	C	Goa College of Engineering	60%	25.2	11	9.9	11	16.8	8	6.9	12	8.4	10	67.2	11
12	C	Institute of Nursing Education	60%	22.8	12	9.3	12	15.6	9	8.1	9	3.6	17	59.4	12
13	C	Padre Conceisao College of Engineering	50%	17.5	14	9.0	13	13.0	12	5.5	15	7.0	12	52.0	13
14	C	Nirmala Institute of Education	50%	16.5	15	8.0	14	12.5	14	4.25	16	7.5	11	48.75	14
15	C	V.M Salgaonkar College of Law	50%	16.0	16	6.75	15	7.5	18	5.75	14	6.5	14	42.5	15
16	C	Ayurveda Mahavidyalaya, Shiroda	50%	18.0	13	5.25	17	6.5	20	2.75	20	6.0	15	38.5	16
17	C	Goa Dental College and Hospital	50%	13.0	18	5.5	16	11.0	16	6.0	13	2.5	19	38.0	17
18	D	Goa College of Hospitality & Culnary Education	40%	14.4	17	5.2	18	8.0	17	3.4	19	2.4	20	33.4	18
19	D	Institute of Psychiatry & Human Behaviour	30%	12.0	19	4.95	19	7.2	19	3.6	18	1.2	23	28.95	19
20	D	V M R F College of Nursing	60%	10.8	20	4.2	20	11.4	15	1.2	25	0.6	26	28.2	20
21	D	Goa College of Art	30%	7.5	22	3.6	22	6.0	21	3.9	17	3.0	18	24.0	21
22	D	Goa Medical College	30%	8.4	21	3.3	24	5.7	22	2.25	21	1.2	24	20.85	22
23	E	Goa College of Music	40%	6.8	23	3.4	23	5.2	23	1.0	26	1.2	25	17.6	23
24	E	Goa College of Architecture	30%	5.1	26	3.9	21	2.7	26	1.5	23	4.2	16	17.4	24
25	E	V. V. M's G R Khare College of Law	30%	6.0	25	2.1	26	5.1	24	1.95	22	1.5	21	16.65	25
26	E	Goa College of Pharmacy	30%	6.3	24	2.7	25	4.2	25	1.35	24	1.5	22	16.05	26

W % Weightage
 1* Overall Ambience
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 4* Overall Management of Environment
 5* Overall Result of Environmental Education

A + Excellent *
 A Good *
 B + Satisfactory *
 B Unsatisfactory *
 C Poor *
 D Very Poor *
 E Extremely Poor *

* The condition existing in the institution with respect to **Health / Safety / Security of people.**

Annexure 3: Ranking (Non-Professional Colleges)

#	Category	Institutions	W	1*	Rank	2*	Rank	3*	Rank	4*	Rank	5*	Rank	Total	Rank
1	A +	Smt Parvatibai Chowgule College	100%	51.0	2	24.0	2	28.0	1	17.0	1	17.0	2	137.0	1
2	A	V. N. S. Bandekar College, Mapusa	90%	52.2	1	23.9	3	25.2	2	14.0	2	18.0	1	133.3	2
3	A	Rosary College, Navelim, Salcete	90%	48.2	3	24.3	1	24.3	3	12.2	3	12.6	5	121.6	3
4	B +	Shree Mallikarjun College, Canacona	90%	45.0	4	17.1	5	21.6	4	11.3	4	15.3	3	110.3	4
5	B +	P. E. S College, Ponda	80%	37.6	5	13.2	8	20.0	6	10.8	6	13.6	4	95.2	5
6	B +	St. Xaviers College, Mapusa	70%	35.7	6	10.2	12	21.0	5	11.2	5	12.6	6	90.7	6
7	B +	Carmel College, Nuvem-Salcete	70%	34.3	7	14.0	7	18.2	9	8.05	9	11.2	7	85.75	7
8	B	Don Bosco College of Agriculture	70%	27.3	10	17.5	4	18.9	8	7.7	12	7.0	12	78.4	8
9	B	Govt. College, Sanquelim	70%	29.8	8	11.9	10	19.6	7	7.7	11	8.4	10	77.4	9
10	B	Zantye College, Bicholim	60%	28.8	9	9.6	13	13.8	13	8.1	7	9.6	8	69.9	10
11	C	M. E. S. College, Zuarinagar, Vasco	60%	19.8	15	10.5	11	16.8	11	7.2	13	9.6	9	63.9	11
12	C	Goa Salesian Society, Don Bosco	60%	23.4	13	15.3	6	12.0	14	7.8	10	5.4	14	63.9	12
13	C	Govt College, Khandola	60%	25.8	11	8.4	14	17.4	10	8.1	8	3.6	19	63.3	13
14	C	Fr. Agnel College, Pilar	60%	20.4	14	6.3	16	14.4	12	6.0	14	7.8	11	54.9	14
15	C	Dhempe College, Miramar	70%	23.8	12	12.3	9	4.9	21	2.45	19	4.2	16	47.65	15
16	C	PES Vidya Prabodhini College	50%	14.5	16	7.25	15	9.75	15	3.25	16	6.0	13	40.75	16
17	D	Govt College, Quepem	40%	12.4	17	5.6	17	9.2	17	3.4	15	2.8	21	33.4	17
18	D	Shree Damodar College, Margao	50%	10.0	18	3.75	19	9.5	16	2.5	18	4.0	17	29.75	18
19	D	G. V. M's College, Ponda	30%	8.1	19	3.6	20	6.0	18	2.85	17	5.1	15	25.65	19
20	E	Vikas Parishad Mandre College of Com. & Eco.	30%	5.4	22	2.4	23	5.4	20	1.95	21	2.1	24	17.25	20
21	E	Goa Multi Faculty College, Darbandora	30%	6.0	21	1.65	26	5.7	19	0.75	27	2.4	23	16.5	21
22	E	Govt College, Pernem	30%	6.0	20	2.85	21	2.1	26	2.25	20	3.15	20	16.35	22
23	E	Ganpat Parsekar College of Education	30%	4.5	23	4.05	18	4.2	23	1.65	22	1.8	26	16.2	23
24	E	C. E. S College, Cuncolim	30%	3.6	24	1.35	27	4.8	22	1.5	23	2.7	22	13.95	24
25	E	RC Pai Raikar Agriculture College	30%	0.0	28	2.1	25	3.6	24	0.75	26	3.9	18	10.35	25
26	E	Saraswat College, Mapusa	30%	3.0	25	2.55	22	1.5	27	0.9	25	2.1	25	10.05	26
27	E	SVVM's College of Commerce, Borim	30%	2.1	26	2.25	24	2.4	25	1.5	24	1.5	27	9.75	27
28	E	Govt College, Borda	20%	1.8	27	0.0	28	0.2	28	0.4	28	0.4	28	2.8	28

W % Weightage
 1* Overall Ambience
 2* Overall Maintenance & Management
 3* Overall Water Management
 4* Overall Management of Environment
 5* Overall Result of Environmental Education

A + Excellent *
 A Good *
 B + Satisfactory *
 B Unsatisfactory *
 C Poor *
 D Very Poor *
 E Extremely Poor *

* The condition existing in the institution with respect to **Health / Safety / Security of people.**

Annexure 4: Ranking (Government Colleges)

#	Category	Institutions	W	1*	Rank	2*	Rank	3*	Rank	4*	Rank	5*	Rank	Total	Rank
1	A +	National Institute of Hydrography	100%	60.0	1	17.5	1	28.0	1	20.0	1	13.0	1	138.5	1
2	B	Govt. College, Sanquelim	70%	29.8	2	11.9	2	19.6	2	7.7	4	8.4	2	77.4	2
3	C	Goa College of Engineering	60%	25.2	4	9.9	3	16.8	4	6.9	5	8.4	3	67.2	3
4	C	Govt College, Khandola	60%	25.8	3	8.4	5	17.4	3	8.1	2	3.6	5	63.3	4
5	C	Institute of Nursing Education	60%	22.8	5	9.3	4	15.6	5	8.1	3	3.6	6	59.4	5
6	C	Goa Dental College and Hospital	50%	13.0	6	5.5	7	11.0	6	6.0	6	2.5	10	38.0	6
7	D	Govt College, Quepem	40%	12.4	7	5.6	6	9.2	7	3.4	9	2.8	9	33.4	7
8	D	Institute of Psychiatry & Human Behaviour	30%	12.0	8	4.95	8	7.2	8	3.6	8	1.2	12	28.95	8
9	D	Goa College of Art	30%	7.5	10	3.6	10	6.0	9	3.9	7	3.0	8	24.0	9
10	D	Goa Medical College	30%	8.4	9	3.3	12	5.7	10	2.25	11	1.2	13	20.85	10
11	E	Goa College of Music	40%	6.8	11	3.4	11	5.2	11	1.0	14	1.2	14	17.6	11
12	E	Goa College of Architecture	30%	5.1	14	3.9	9	2.7	13	1.5	12	4.2	4	17.4	12
13	E	Govt College, Pernem	30%	6.0	13	2.85	13	2.1	14	2.25	10	3.15	7	16.35	13
14	E	Goa College of Pharmacy	30%	6.3	12	2.7	14	4.2	12	1.35	13	1.5	11	16.05	14
15	E	Govt College, Borda	20%	1.8	15	0.0	15	0.2	15	0.4	15	0.4	15	2.8	15

W % Weightage
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A + Excellent *
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Annexure 5: Ranking (Private Colleges)

#	Category	Institutions	W	1*	Rank	2*	Rank	3*	Rank	4*	Rank	5*	Rank	Total	Rank
1	A +	V M Salgaocar Institute of International Hosp Edn	100%	58.0	1	26.5	1	34.0	1	14.5	2	10.0	13	143.0	1
2	A +	Smt Parvatibai Chowgule College	100%	51.0	3	24.0	3	28.0	2	17.0	1	17.0	2	137.0	2
3	A	V. N. S. Bandekar College, Mapusa	90%	52.2	2	23.9	4	25.2	4	14.0	3	18.0	1	133.3	3
4	A	Rosary College, Navelim, Salcete	90%	48.2	4	24.3	2	24.3	5	12.2	6	12.6	6	121.6	4
5	B +	PES Bandekar College of Pharmacy	90%	47.7	5	14.9	9	21.2	9	13.5	4	14.0	4	111.3	5
6	B +	Don Bosco College of Engineering	100%	42.0	7	18.0	5	27.0	3	13.0	5	11.0	11	111.0	6
7	B +	Shree Mallikarjun College, Canacona	90%	45.0	6	17.1	7	21.6	8	11.3	7	15.3	3	110.3	7
8	B +	P. E. S College, Ponda	80%	37.6	8	13.2	11	20.0	11	10.8	9	13.6	5	95.2	8
9	B +	Vrundavan Institute of Nursing Education	80%	36.0	9	12.0	13	22.8	6	9.6	10	12.0	8	92.4	9
10	B +	St. Xaviers College, Mapusa	70%	35.7	10	10.2	20	21.0	10	11.2	8	12.6	7	90.7	10
11	B +	Carmel College, Nuvem-Salcete	70%	34.3	11	14.0	10	18.2	13	8.05	15	11.2	10	85.75	11
12	B	G. V. M's College of Education	70%	31.9	12	10.5	18	21.7	7	9.45	11	9.8	14	83.35	12
13	B	Don Bosco College of Agriculture	70%	27.3	15	17.5	6	18.9	12	7.7	17	7.0	20	78.4	13
14	B	PES College of Education	70%	25.9	18	10.9	16	16.8	14	9.1	12	9.8	15	72.5	14

15	B	S. E. S. Shri. Kamaxidevi Home Medical College	60%	27.0	16	12.0	14	12.6	21	7.5	18	11.4	9	70.5	15
16	B	Zantye College, Bicholim	60%	28.8	14	9.6	21	13.8	18	8.1	14	9.6	16	69.9	16
17	B	Shree Rayeshwar Institute of Engineering & IT	60%	27.0	17	10.8	17	14.4	16	6.9	20	10.8	12	69.9	17
18	B	Agnel Institute of Technology and Design	60%	29.4	13	11.1	15	13.2	19	8.4	13	6.6	22	68.7	18
19	C	M. E. S. College, Zuarinagar, Vasco	60%	19.8	22	10.5	19	16.8	15	7.2	19	9.6	17	63.9	19
20	C	Goa Salesian Society, Don Bosco	60%	23.4	20	15.3	8	12.0	23	7.8	16	5.4	26	63.9	20
21	C	Fr. Agnel College, Pilar	60%	20.4	21	6.3	26	14.4	17	6.0	21	7.8	18	54.9	21
22	C	Padre Conceisao College of Enginerring	50%	17.5	24	9.0	22	13.0	20	5.5	23	7.0	21	52.0	22
23	C	Nirmala Institute of Education	50%	16.5	25	8.0	23	12.5	22	4.25	24	7.5	19	48.75	23
24	C	Dhempe College, Miramar	70%	23.8	19	12.3	12	4.9	34	2.45	30	4.2	28	47.65	24
25	C	V.M Salgaonkar College of Law	50%	16.0	26	6.75	25	7.5	28	5.75	22	6.5	23	42.5	25
26	C	PES Vidya Prabodhini College	50%	14.5	27	7.25	24	9.75	25	3.25	26	6.0	24	40.75	26
27	C	Ayurveda Mahavidyalaya, Shiroda	50%	18.0	23	5.25	27	6.5	29	2.75	28	6.0	25	38.5	27
28	D	Goa College of Hospitality & Culnary Education	40%	14.4	28	5.2	28	8.0	27	3.4	25	2.4	32	33.4	28
29	D	Shree Damodar College, Margao	50%	10.0	30	3.75	31	9.5	26	2.5	29	4.0	29	29.75	29
30	D	V M R F College of Nursing	60%	10.8	29	4.2	29	11.4	24	1.2	36	0.6	39	28.2	30
31	D	G. V. M's College, Ponda	30%	8.1	31	3.6	32	6.0	30	2.85	27	5.1	27	25.65	31
32	E	Vikas Parishad Mandre College of Com. & Eco.	30%	5.4	34	2.4	34	5.4	32	1.95	31	2.1	34	17.25	32
33	E	V. V. M's G R Khare College of Law	30%	6.0	32	2.1	36	5.1	33	1.95	32	1.5	37	16.65	33
34	E	Goa Multi Faculty College, Darbandora	30%	6.0	33	1.65	38	5.7	31	0.75	39	2.4	33	16.5	34
35	E	Ganpat Parsekar College of Education	30%	4.5	35	4.05	30	4.2	36	1.65	33	1.8	36	16.2	35
36	E	C. E. S College, Cuncolim	30%	3.6	36	1.35	39	4.8	35	1.5	34	2.7	31	13.95	36
37	E	RC Pai Raikar Agriculture College	30%	0.0	39	2.1	37	3.6	37	0.75	38	3.9	30	10.35	37
38	E	Saraswat College, Mapusa	30%	3.0	37	2.55	33	1.5	39	0.9	37	2.1	35	10.05	38
39	E	SVVM's College of Commerce, Borim	30%	2.1	38	2.25	35	2.4	38	1.5	35	1.5	38	9.75	39

W % Weightage

1* Overall Ambience

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