

# SWACHHATAM MAHAVIDYALAYA SAMMAN 2018-2019

**Goa University** 



**December 2018** 

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## REPORT ON SWACHHATAM MAHAVIDYALAYA SAMMAN

#### 1. Introduction

In continuation to last two years (2016-17 and 2017-18) survey on Swachhatam Mahavidyalaya Samman (SMS), the third survey was carried out in the month of December 2018. During 2016-17 only 54 academic institutions were included in the survey, the number increased to 56 during 2017-18 and 58 in 2018-19. There is visible change taken place with respect to the cleanliness drive initiatives carried out voluntarily by majority of the academic institutions, i.e., 35 out of 57 institutions (61%) weighted average score (WAS) showed an increasing trend. The remaining 22 institutions (39%) out of 57 showed inconsistent cleanliness initiatives.

For the first time the institutions are also ranked based on the number of students, which may give more information about the volume of cleanliness drive initiatives undertaken by the institutions. The more the number of students, the more will be the requirements for various facilities and the volume of work involved in maintaining the facilities.

The result of the survey is classified in the following manner:

- Overall Ranking of all Affiliated Institutions [refer Annexure 1 Page 4 & 5]
- Ranking of Professional Institutions [refer Annexure 2 Page 6]
- Ranking of Non-Professional Institutions [refer Annexure 3 Page 7]
- Ranking of Government Institutions [refer Annexure 4 Page 8]
- Ranking of Private Institutions [refer Annexure 5 Page 8 & 9]
- Ranking of Institutions on the basis of number of Students [refer Annexure 6, 7, 8, 9, 10, and 11 Pages 10, 11 & 12]

Overall result during the last three years indicates that more number of institutions moved towards higher degree of cleanliness in comparison to earlier years (**Exhibit – 1**). It is evident that more number of institutions are moving towards higher grades (A+, A, B+, and also B) resulting in less number of institutions falling under low grades (C, D, and E), which is a clear indication that the institutions are seriously focusing on maintaining the facilities in the best possible manner and inculcating the cleanliness initiatives among various stakeholders.

Exhibit – 1: Overall Classification of the Institutions for three years.

#		Weighted		Numl	oer of Institu	tions
	Category	Average Score (WAS - 170)	Grade	2018-2019	2017-2018	2016-2017
1	Excellent	136 >	A+	7	6	3
2	Good	119-135	A	9		2
3	Satisfactory	85-118	B+	20	12	7
4	Unsatisfactory	68-84	В	10	14	8
5	Poor	35-67	С	8	17	13
6	Very Poor	18-34	D	2	4	8
7	Extremely Poor	17<	Е	1	3	13
			Total	57	56	54

#### 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 *Swachch 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 2<sup>nd</sup> aspect is processed further]

5. Say NO to Plastic

[Ability to avoid use of plastics – connected to 2<sup>nd</sup> and 4<sup>th</sup> aspects]

6. Consume what you need

[Waste minimization practice – connected to 2<sup>nd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> 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 2<sup>nd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> 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.

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.*)

**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.

### **Annexure 1: Overall Ranking (57 Institutions)**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018	-2019	2017-	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	V. M. S Institute of Intnl Hosp. Edn	2014	1	181	100	60.00	28.00	40.00	20.00	20.00	168.00	1	162.40	1	143.00	1
2	A +	Rosary College, Navelim	1991	6	1,782	100	60.00	29.20	28.80	18.00	20.00	156.00	2	154.00	2	121.60	5
3	A +	Don Bosco College of Engineering	2011	4	1,157	100	60.00	26.80	28.00	18.40	20.00	153.20	3	154.00	3	111.00	7
4	A +	Agnel Institute of T & D, Assagao	2012	3	788	100	60.00	27.20	28.00	18.80	13.60	147.60	4	111.20	10	68.70	20
5	A +	M. E. S College, Vasco	1972	7	1,557	100	55.20	24.40	28.00	16.40	19.20	143.20	5	141.60	6	63.80	22
6	A +	D. M. C College, Assagao	1974	7	1,500	100	52.00	18.40	28.00	18.00	20.00	136.40	6	141.80	5	133.30	4
7	A +	S. S. Dempo College, Cujira	1966	6	1,382	90	50.40	23.04	28.80	15.84	18.00	136.08	7	106.56	12		
8	A	Gomantak Ayurveda Mahavidyalaya	1993	1	240	100	44.00	24.40	35.20	09.60	19.20	132.40	8	67.92	33	38.50	32
9	A	Government College, Khandola	1989	6	1,150	100	46.40	22.80	28.00	15.20	20.00	132.40	9	94.56	15	63.30	24
10	A	V. M. Salgaonkar College of Law	1973	3	800	100	50.40	22.40	25.60	15.20	17.20	130.80	10	144.40	4	42.50	30
11	A	Mallikarjun College, Canacona	1993	3	517	100	44.40	25.20	31.20	8.00	20.00	128.80	11	89.32	17	110.30	8
12	A	P. C. C. Engineering College, Verna	1997	4	1,038	90	54.00	22.32	23.76	11.88	15.84	127.80	12	84.24	19	52.00	27
13	A	Fr. Agnel College, Pilar	1991	3	904	100	50.00	21.20	26.40	07.60	20.00	125.20	13	57.36	39	54.90	25
14	A	St. Xavier College, Mapusa	1963	12	3,000	90	43.92	21.96	25.20	15.84	18.00	124.92	14	97.16	13	90.70	11
15	A	Narayan Zantye College, Bicholim	1994	2	600	90	45.36	20.16	28.08	10.08	18.00	121.68	15	82.74	22	69.90	34
16	A	Nirmala Institute of Education	1963	5	360	80	42.24	24.00	25.60	12.48	16.00	120.32	16	74.52	27	48.75	28
17	B +	Carmel College, Nuvem	1964	6	850	80	44.16	20.48	24.32	14.08	13.44	116.48	17	117.76	8	85.75	12
18	B +	Don Bosco College, Panjim	2001	7	575	80	42.24	20.80	24.96	14.08	12.16	114.24	18	108.48	11	63.90	23
19	B +	P. Chowgule College, Margao	1962	8	1,550	80	41.92	18.24	22.40	15.04	14.08	111.68	19	118.40	7	137.00	3
20	B +	National Hydrographic School, Vasco	1978	2	35	80	41.60	14.72	23.04	16.00	16.00	111.36	20	114.24	9	138.30	2
21	B +	Institute of Nursing Education	2005	2	456	90	42.48	20.52	25.20	15.84	07.20	111.24	21	61.44	38	59.40	25
22	B +	Vrundavan Institute of Nursing	2004	1	196	90	37.44	21.96	25.20	06.12	18.00	108.70	22	72.72	29	92.40	10
23	B +	Goa College of Pharmacy	1963	3	480	80	40.96	16.64	22.40	10.24	16.00	106.24	23	81.00	24	111.30	6
24	B +	G. V. M's Dr. D. V. College of Edn	1986	1	198	90	38.88	15.84	28.08	09.36	13.68	105.84	24	81.90	23	83.35	13
25	B +	Kamaxidevi Homeopathic College	1998	1	200	80	34.56	16.96	22.40	14.40	15.36	103.68	25	73.68	28	70.50	17
26	B +	Government College, Borda	2010	1	337	100	43.60	16.80	28.00	06.40	08.00	102.80	26	64.08	35	2.80	54
27	B +	Goa Medical College & Hospital	1963	28	1,300	70	36.96	14.00	25.20	13.72	11.76	101.64	27	25.92	52	20.85	41
28	B +	P.E.S's R&T B. College of Pharmacy	2007	3	310	80	39.04	14.40	22.40	12.80	12.16	100.80	28	81.00	24	111.3	6

- W % Weightage
- 1\* Overall Ambience
- 2\* Overall Maintenance & Management
- 3\* Overall Water Management
- **4\*** Overall Management of Environment
- 5\* Overall Result of Environmental Education
- WAS Weighted Average Score

- B + Satisfactory \* E Extremely Poor \*
  - B Unsatisfactory \*

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

### **Annexure 1: Overall Ranking (57 Institutions)**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018	-2019	2017-	-2018	2016	-2017
												WAS	Rank	WAS	Rank	WAS	Rank
29	B +	Dempe College, Miramar	1962	3	900	90	38.16	14.76	20.16	07.92	18.00	99.00	29	85.12	18	48.65	29
30	B +	Government College, Sanquelim	1988	6	1,549	80	42.56	19.52	22.40	08.96	3.84	97.28	30	76.58	25	77.40	15
31	B +	Rayeshwar Institute of Engg & IT	2001	3	562	70	30.80	15.68	19.60	12.60	13.44	92.12	31	84.00	20	69.90	19
32	B +	Vidya Prabodhini College, Porvorim	2012	2	750	80	37.12	16.00	20.48	05.12	12.16	90.88	32	46.10	46	40.75	31
33	B +	P. E. S College of Education	1993	1	200	80	33.92	12.16	16.64	11.84	16.00	90.56	33	70.92	31	72.50	16
34	B +	Government College, Quepem	1989	6	1,500	70	34.16	18.20	19.60	10.08	08.40	90.44	34	82.88	21	93.40	34
35	B +	Swami Brahmanand Mahavidyalayam	2017	1	50	80	30.08	20.80	20.48	11.20	07.04	89.60	35				
36	B +	Goa Dental College & Hospital	1980	2	249	70	33.04	16.24	19.60	12.88	07.28	89.04	36	67.20	34	38.00	33
37	В	S. C College (Saraswat), Mapusa	1991	3	800	80	30.40	18.56	20.48	07.04	08.32	84.80	37	47.70	44	10.05	52
38	В	C. E. S College, Cuncolim	1987	2	560	80	29.44	18.88	20.48	05.76	08.96	83.52	38	49.68	43	13.95	50
39	В	Goa College of Architecture, Altinho	1982	1	200	80	34.56	15.36	20.48	06.40	05.12	81.92	39	52.56	42	17.4	43
40	В	Goa College of Home Science	1988	1	140	80	30.72	11.20	16.00	07.36	15.36	80.64	40	94.72	14		
41	В	Ganpat Parsekar College, Harmal	2015	2	334	70	26.88	16.24	19.60	07.00	09.52	79.24	41	35.10	49	16.02	48
42	В	Don Bosco College of Agriculture	2015	1	162	80	24.32	14.72	14.08	10.24	14.40	77.76	42	56.88	40	78.40	14
43	В	P. E. S. R. S. N College, Farmagudi	1986	18	1,196	60	29.28	06.96	16.32	08.64	12.96	74.16	43	75.96	26	95.20	9
44	В	V. V. M's Shree Damodar College	1973	4	1,229	60	30.24	12.00	16.80	05.76	08.16	72.96	44	62.64	37	29.75	36
45	В	Goa College of Art, Altinho	1972	2	200	60	27.36	13.44	10.56	09.60	08.64	69.60	45	70.32	32	24.00	40
46	В	G. R. Kare College of Law, Margao	1979	4	400	60	28.32	12.48	15.36	08.16	04.80	69.12	46	63.12	36	16.65	45
47	C	Goa College of Hosp & Culnary Edn	2011	1	100	50	20.20	04.00	17.60	07.40	07.20	56.40	47	52.90	41	33.40	35
48	C	Institute of Psuchiarty & H B	1982	2	20	60	25.44	10.32	09.12	05.52	03.84	54.24	48	46.32	45	20.95	37
49	C	Goa College of Engineering	1967	16	2,200	60	12.96	08.88	14.88	08.64	08.16	53.52	49	71.04	30	67.20	21
50	C	S. G. G. M Goa Multi-Faculty College	2013	3	480	60	15.84	05.52	15.84	05.52	06.24	48.96	50	42.60	47	16.05	46
51	C	St. Joseph vaz College, Cortalim	2017	1	66	70	18.48	08.40	15.12	03.92	02.80	48.72	51	25.92	51		
52	C	Goa College of Music, Altinho	1987	1	140	60	18.48	10.32	14.40	02.88	02.40	48.48	52	26.08	50	17.60	42
53	C	Government College, Pernem	1993	8	557	50	11.60	05.40	13.60	05.00	04.00	39.60	53	35.40	48	16.35	47
54	C	Mandrem College, Mandrem	2014	1	120	80	07.68	10.25	07.04	03.52	08.32	36.81	54	09.12	55	17.25	44
55	D	G. V. M's G. G. P. R College, Ponda	1986	3	832	30	06.00	03.96	06.96	01.68	02.40	21.00	55	18.18	53	25.65	39
56	D	Swami Vivekananda Vidyaprasarak	2013	1	168	30	4.56	04.08	06.72	01.32	01.44	18.12	56	12.84	54	09.75	53
57	E	R. C. P. R School of Agriculture	2016	1	63	30	02.88	02.40	03.12	01.20	05.04	14.64	57	06.36	56	10.35	51

Committee was not able to see any sign board or meet any staff (academic and administrative) of Kala Academy's College of Performing Art, hence not able to complete the inspection.

W % Weightage

1\* Overall Ambience

2\* Overall Maintenance & Management

3\* Overall Water Management

**4\*** Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

 A +
 Excellent \*
 C
 Poor \*

 A
 Good \*
 D
 Very Poor \*

 B I
 Satisfactory \*
 E
 Extremely Poor \*

B + Satisfactory \* E Extremely Poor \*

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

### **Annexure 2: Ranking of Professional Institutions.**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-	-2019	2017-	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	V. M. S Institute of Intnl Hosp. Edn.	2014	1	181	100	60.00	28.00	40.00	20.00	20.00	168.00	1	162.40	1	143.00	1
2	A +	Don Bosco College of Engineering	2011	4	1,157	100	60.00	26.8	28.00	18.40	20.00	153.20	2	154.00	2	111.00	5
3	A +	Agnel Institute of T & D, Assagao	2012	3	788	100	60.00	27.20	28.00	18.80	13.60	147.60	3	111.20	5	68.70	12
4	A	Gomantak Ayurveda Mahavidyalaya	1993	1	240	100	44.00	24.40	35.20	09.60	19.20	132.40	4	67.92	16	38.50	18
5	A	V. M. Salgaonkar College of Law	1973	3	800	100	50.40	22.40	25.60	15.20	17.20	130.80	5	144.4	3	42.50	17
6	A	P. C. C. Engineering College, Verna	1997	4	1,038	90	54.00	22.32	23.76	11.88	15.84	127.80	6	84.24	6	52.00	15
7	A	Nirmala Institute of Education	1963	5	360	80	42.24	24.00	25.60	12.48	16.00	120.32	7	74.52	10	48.75	16
8	B +	National Hydrographic School, Vasco	1978	2	35	80	41.60	14.72	23.04	16.00	16.00	111.36	8	114.24	4	138.30	2
9	B +	Institute of Nursing Education	2005	2	456	90	42.48	20.52	25.20	15.84	07.20	111.24	9	61.44	19	59.40	14
10	B +	Vrundavan Institute of Nursing	2004	1	196	90	37.44	21.96	25.20	06.12	18.00	108.70	10	72.72	12	92.40	6
11	B +	Goa College of Pharmacy	1963	3	480	80	40.96	16.64	22.40	10.24	16.00	106.24	11	81.00	9	111.30	3
12	B +	G. V. M's Dr. D. V. College of Edn	1986	1	198	90	38.88	15.84	28.08	09.36	13.68	105.84	12	81.90	8	83.35	7
13	B +	Kamaxidevi Homeopathic College	1998	1	200	80	34.56	16.96	22.40	14.40	15.36	103.68	13	73.68	11	70.50	10
14	B +	Goa Medical College & Hospital	1963	28	1,300	70	36.96	14.00	25.20	13.72	11.76	101.64	14	25.92	26	20.85	23
15	B +	P.E.S's R&T B. College of Pharmacy	2007	3	310	80	39.04	14.4	22.40	12.80	12.16	100.80	15	81.00	24	111.30	4
16	B +	Rayeshwar Institute of Engg & IT	2001	3	562	70	30.80	15.68	19.60	12.60	13.44	92.12	16	84.00	7	69.90	11
17	B +	P. E. S College of Education	1993	1	200	80	33.92	12.16	16.64	11.84	16.00	90.56	17	70.92	14	72.50	9
18	B +	Goa Dental College & Hospital	1980	2	249	70	33.04	16.24	19.60	12.88	07.28	89.04	18	67.20	17	38.00	19
19	В	Goa College of Architecture, Altinho	1982	1	200	80	34.56	15.36	20.48	06.40	05.12	81.92	19	52.56	22	17.40	25
20	В	Ganpat Parsekar College, Harmal	2015	2	334	70	26.88	16.24	19.60	07.00	09.52	79.24	20	35.10	24	16.02	27
21	В	Don Bosco College of Agriculture	2015	1	162	80	24.32	14.72	14.08	10.24	14.40	77.76	21	56.88	20	78.40	8
22	В	Goa College of Art, Altinho	1972	2	200	60	27.36	13.44	10.56	09.60	08.64	69.60	22	70.32	15	24.00	21
23	В	G. R. Kare College of Law, Margao	1979	4	400	60	28.32	12.48	15.36	08.16	04.80	69.12	23	63.12	18	16.65	26
24	C	Goa College of Hosp & Culnary Edn	2011	1	100	50	20.20	04.00	17.60	07.40	07.20	56.40	24	52.90	21	33.40	20
25	C	Institute of Psuchiarty & H B	1982	2	20	60	25.44	10.32	09.12	05.52	03.84	54.24	25	46.32	23	20.95	22
26	C	Goa College of Engineering	1967	16	2,200	60	12.96	8.88	14.88	08.64	08.16	53.52	26	71.04	13	67.20	13
27	С	Goa College of Music, Altinho	1987	1	140	60	18.48	10.32	14.40	02.88	02.40	48.48	27	26.08	25	17.60	24

W % Weightage

1\* Overall Ambience

2\* Overall Maintenance & Management

3\* Overall Water Management

4\* Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

A + Excellent \*
A Good \*

C Poor \*
D Very Poor \*

B + Satisfactory \*

E Extremely Poor \*

B Unsatisfactory \*

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

### **Annexure 3: Ranking of Non-Professional Institutions.**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-	-2019	2017-	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	Rosary College, Navelim	1991	6	1,782	100	60.00	29.20	28.80	18.00	20.00	156.00	1	154.00	1	121.60	3
2	A +	M. E. S College, Vasco	1972	7	1,557	100	55.20	24.40	28.00	16.40	19.20	143.20	2	141.60	3	63.80	12
3	A +	D. M. C College, Assagao	1974	7	1,500	100	52.00	18.40	28.00	18.00	20.00	136.40	3	141.80	2	133.30	2
4	A +	S. S. Dempo College, Cujira	1966	6	1,382	90	50.40	23.04	28.80	15.84	18.00	136.08	4	106.56	7	-	
5	A	Government College, Khandola	1989	6	1,150	100	46.40	22.80	28.00	15.20	20.00	132.40	5	94.56	10	63.30	13
6	A	Mallikarjun College, Canacona	1993	3	517	100	44.40	25.20	31.20	08.00	20.00	128.80	6	89.32	11	110.30	4
7	A	Fr. Agnel College, Pilar	1991	3	904	100	50.00	21.20	26.40	07.60	20.00	125.20	7	57.36	19	54.90	14
8	A	St. Xavier College, Mapusa	1963	12	3,000	90	43.92	21.96	25.20	15.84	18.00	124.92	8	97.16	8	90.70	7
9	A	Narayan Zantye College, Bicholim	1994	2	600	90	45.36	20.16	28.08	10.08	18.00	121.68	9	82.74	14	69.90	10
10	B +	Carmel College, Nuvem	1964	6	850	80	44.16	20.48	24.32	14.08	13.44	116.48	10	117.76	5	85.75	8
11	B +	Don Bosco College, Panjim	2001	7	575	80	42.24	20.80	24.96	14.08	12.16	114.24	11	108.48	6	63.90	11
12	B +	P. Chowgule College, Margao	1962	8	1,550	80	41.92	18.24	22.40	15.04	14.08	111.68	12	118.40	4	137.00	1
13	B +	Government College, Borda	2010	1	337	100	43.60	16.80	28.00	06.40	08.00	102.80	13	64.08	17	2.80	26
14	B +	Dempe College, Miramar	1962	3	900	90	38.16	14.76	20.16	07.92	18.00	99.00	14	85.12	12	48.65	15
15	B +	Government College, Sanquelim	1988	6	1,549	80	42.56	19.52	22.40	08.96	03.84	97.28	15	76.58	15	77.40	9
16	B +	Vidya Prabodhini College, Porvorim	2012	2	750	80	37.12	16.00	20.48	05.12	12.16	90.88	16	46.10	22	40.75	16
17	B +	Government College, Quepem	1989	6	1,500	70	34.16	18.20	19.60	10.08	08.40	90.44	17	82.88	13	93.40	6
18	B +	Swami Brahmanand Mahavidyalayam	2017	1	50	80	30.08	20.80	20.48	11.20	07.04	89.60	18				
19	В	S. C College (Saraswat), Mapusa	1991	3	800	80	30.40	18.56	20.48	07.04	08.32	84.80	19	47.70	21	10.05	24
20	В	C. E. S College, Cuncolim	1987	2	560	80	29.44	18.88	20.48	05.76	08.96	83.52	20	49.68	20	13.95	22
21	В	Goa College of Home Science	1988	1	140	80	30.72	11.20	16.00	07.36	15.36	80.64	21	94.72	9		
22	В	P. E. S. R. S. N College, Farmagudi	1986	18	1,196	60	29.28	6.96	16.32	08.64	12.96	74.16	22	75.96	16	95.20	5
23	В	V. V. M's Shree Damodar College	1973	4	1,229	60	30.24	12.00	16.80	05.76	08.16	72.96	23	62.64	18	29.75	17
24	C	S. G. G. M Goa Multi-Faculty College	2013	3	480	60	15.84	05.52	15.84	05.52	06.24	48.96	24	42.60	23	16.05	21
25	С	St. Joseph vaz College, Cortalim	2017	1	66	70	18.48	08.40	15.12	03.92	02.80	48.72	25	25.92	25		
26	С	Government College, Pernem	1993	8	557	50	11.60	05.40	13.60	05.00	04.00	39.60	26	35.40	24	16.35	29
27	C	Mandrem College, Mandrem	2014	1	120	80	07.68	10.25	07.04	03.52	08.32	36.81	27	9.12	28	17.25	19
28	D	G. V. M's G. G. P. R College, Ponda	1986	3	832	30	06.00	03.96	06.96	01.68	02.40	21.00	28	18.18	26	25.65	18
29	D	Swami Vivekananda Vidyaprasarak	2013	1	168	30	04.56	04.08	06.72	01.32	01.44	18.12	29	12.84	27	9.75	25
30	E	R. C. P. R School of Agriculture	2016	1	63	30	02.88	02.40	03.12	01.20	05.04	14.64	30	6.36	29	10.35	23

W % Weightage

1\* Overall Ambience

2\* Overall Maintenance & Management

3\* Overall Water Management

4\* Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

 A +
 Excellent \*
 C
 Poor \*

 A
 Good \*
 D
 Very Poor \*

 B +
 Satisfactory \*
 E
 Extremely Poor \*

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

### **Annexure 4: Ranking of Government Institutions.**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-	-2019	2017-	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A	Government College, Khandola	1989	6	1,150	100	46.40	22.80	28.00	15.20	20.00	132.40	1	94.56	3	63.30	6
2	B +	National Hydrographic School, Vasco	1978	2	35	80	41.60	14.72	23.04	16.00	16.00	111.36	2	114.24	1	138.30	1
3	B +	Institute of Nursing Education	2005	2	456	90	42.48	20.52	25.20	15.84	07.20	111.24	3	61.44	11	59.40	7
4	B +	Goa College of Pharmacy	1963	3	480	80	40.96	16.64	22.40	10.24	16.00	106.24	4	81.00	5	111.30	2
5	B +	Government College, Borda	2010	1	337	100	43.60	16.80	28.00	06.40	08.00	102.80	5	64.08	10	2.80	15
6	B +	Goa Medical College & Hospital	1963	28	1,300	70	36.96	14.00	25.20	13.72	11.76	101.64	6	25.92	16	20.85	11
7	B +	Government College, Sanquelim	1988	6	1,549	80	42.56	19.52	22.40	08.96	03.84	97.28	7	76.58	6	77.40	4
8	B +	Government College, Quepem	1989	6	1,500	70	34.16	18.20	19.60	10.08	08.40	90.44	8	82.88	4	93.40	3
9	B +	Goa Dental College & Hospital	1980	2	249	70	33.04	16.24	19.60	12.88	07.28	89.04	9	67.20	9	38.00	8
10	В	Goa College of Architecture, Altinho	1982	1	200	80	34.56	15.36	20.48	06.40	05.12	81.92	10	52.56	12	17.40	13
11	В	Goa College of Home Science	1988	1	140	80	30.72	11.20	16.00	07.36	15.36	80.64	11	94.72	2		
12	В	Goa College of Art, Altinho	1972	2	200	60	27.36	13.44	10.56	09.60	08.64	69.60	12	70.32	8	24.00	9
13	C	Institute of Psuchiarty & H B	1982	2	20	60	25.44	10.32	09.12	05.52	03.84	54.24	13	46.32	13	20.95	10
14	C	Goa College of Engineering	1967	16	2,200	60	12.96	08.88	14.88	08.64	08.16	53.52	14	71.04	7	67.20	5
15	C	Goa College of Music, Altinho	1987	1	140	60	18.48	10.32	14.40	02.88	02.40	48.48	15	26.08	15	17.60	12
16	C	Government College, Pernem	1993	8	557	50	11.60	05.40	13.60	05.00	04.00	39.60	16	35.40	14	16.35	14

W % Weightage

1\* Overall Ambience

2\* Overall Maintenance & Management

3\* Overall Water Management

4\* Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

A + Excellent \*
A Good \*

C Poor \*
D Very Poor \*

B + Satisfactory \*

E Extremely Poor \*

B Unsatisfactory \*

### **Annexure 5: Ranking Non-Government Institutions.**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-2	2019	2017-2	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	V. M. S Institute of Intnl Hos Edn	2014	1	181	100	60.00	28.00	40.00	20.00	20.00	168.00	1	162.40	1	143.00	1
2	A +	Rosary College, Navelim	1991	6	1,782	100	60.00	29.20	28.80	18.00	20.00	156.00	2	154.00	2	121.60	4
3	A +	Don Bosco College of Engineering	2011	4	1,157	100	60.00	26.80	28.00	18.40	20.00	153.20	3	154.00	3	111.00	6
4	A +	Agnel Institute of T & D, Assagao	2012	3	788	100	60.00	27.20	28.00	18.80	13.60	147.60	4	111.20	9	68.70	18
5	A +	M. E. S College, Vasco	1972	7	1,557	100	55.20	24.40	28.00	16.40	19.20	143.20	5	141.60	6	63.80	20
6	A +	D. M. C College, Assagao	1974	7	1,500	100	52.00	18.40	28.00	18.00	20.00	136.40	6	141.80	5	133.30	3
7	A +	S. S. Dempo College, Cujira	1966	6	1,382	90	50.40	23.04	28.80	15.84	18.00	136.08	7	106.56	11	-	
8	A	Gomantak Ayurveda Mahavidyalaya	1993	1	240	100	44.00	24.40	35.20	09.60	19.20	132.40	8	67.92	25	38.50	27
9	A	V. M. Salgaonkar College of Law	1973	3	800	100	50.40	22.40	25.60	15.20	17.20	130.80	9	144.40	4	42.50	25
10	A	Mallikarjun College, Canacona	1993	3	517	100	44.40	25.20	31.20	08.00	2000	128.80	10	89.32	13	110.30	7
11	A	P. C. C. Engineering College, Verna	1997	4	1,038	90	54.00	22.32	23.76	11.88	15.84	127.80	11	84.24	15	52.00	22

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

### **Annexure 5: Ranking Non-Government Institutions.**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-2	2019	2017-2	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
12	A	Fr. Agnel College, Pilar	1991	3	904	100	50.00	21.20	26.40	07.60	20.00	125.20	12	57.36	28	54.90	21
13	A	St. Xavier College, Mapusa	1963	12	3,000	90	43.92	21.96	25.20	15.84	18.00	124.92	13	97.16	12	90.70	10
14	A	Narayan Zantye College, Bicholim	1994	2	600	90	45.36	20.16	28.08	10.08	18.00	121.68	14	82.74	17	69.90	17
15	A	Nirmala Institute of Education	1963	5	360	80	42.24	24.00	25.60	12.48	16.00	120.32	15	74.52	21	48.75	23
16	B +	Carmel College, Nuvem	1964	6	850	80	44.16	20.48	24.32	14.08	13.44	116.48	16	117.76	8	85.75	11
17	B +	Don Bosco College, Panjim	2001	7	575	80	42.24	20.80	24.96	14.08	12.16	114.24	17	108.48	10	63.90	19
18	B +	P. Chowgule College, Margao	1962	8	1,550	80	41.92	18.24	22.40	15.04	14.08	111.68	18	118.40	7	137.00	2
19	B +	Vrundavan Institute of Nursing	2004	1	196	90	37.44	21.96	25.20	06.12	18.00	108.70	19	72.72	23	92.40	9
20	B +	G. V. M's Dr. D. V. College of Edn	1986	1	198	90	38.88	15.84	28.08	09.36	13.68	105.84	20	81.90	18	83.35	12
21	B +	Kamaxidevi Homeopathic College	1998	1	200	80	34.56	16.96	22.40	14.40	15.36	103.68	21	73.68	22	70.50	15
22	B +	P.E.S's R&T B. College of Pharmacy	2007	3	310	80	39.04	14.40	22.40	12.80	12.16	100.8	22	81.00	19	111.30	5
23	B +	Dempe College, Miramar	1962	3	900	90	38.16	14.76	20.16	07.92	18.00	99.00	23	85.12	14	48.65	24
24	B +	Rayeshwar Institute of Engg & IT	2001	3	562	70	30.80	15.68	19.60	12.60	13.44	92.12	24	84.00	16	69.90	16
25	B +	Vidya Prabodhini College, Porvorim	2012	2	750	80	37.12	16.00	20.48	05.12	12.16	90.88	25	46.10	33	40.75	26
26	B +	P. E. S College of Education	1993	1	200	80	33.92	12.16	16.64	11.84	16.00	90.56	26	70.92	24	72.50	14
27	B +	Swami Brahmanand Mahavidyalayam	2017	1	50	80	30.08	20.80	20.48	11.20	07.04	89.60	27				
28	В	S. C College (Saraswat), Mapusa	1991	3	800	80	30.40	18.56	20.48	07.04	08.32	84.80	28	47.70	32	10.05	37
29	В	C. E. S College, Cuncolim	1987	2	560	80	29.44	18.88	20.48	05.76	08.96	83.52	29	49.68	31	13.95	35
30	В	Ganpat Parsekar College, Harmal	2015	2	334	70	26.88	16.24	19.60	07.00	09.52	79.24	30	35.10	35	16.02	34
31	В	Don Bosco College of Agriculture	2015	1	162	80	24.32	14.72	14.08	10.24	14.40	77.76	31	56.88	29	78.40	13
32	В	P. E. S. R. S. N College, Farmagudi	1986	18	1,196	60	29.28	06.96	16.32	08.64	12.96	74.16	32	75.96	20	95.20	8
33	В	V. V. M's Shree Damodar College	1973	4	1,229	60	30.24	12.00	16.80	05.76	08.16	72.96	33	62.64	27	29.75	29
34	В	G. R. Kare College of Law, Margao	1979	4	400	60	28.32	12.48	15.36	08.16	04.80	69.12	34	63.12	26	16.65	32
35	C	Goa College of Hosp & Culnary Edn	2011	1	100	50	20.20	04.00	17.60	07.40	07.20	56.40	35	52.90	30	33.40	28
36	С	S. G. G. M Goa Multi-Faculty College	2013	3	480	60	15.84	05.52	15.84	05.52	06.24	48.96	36	42.60	34	16.05	33
37	C	St. Joseph vaz College, Cortalim	2017	1	66	70	18.48	08.40	15.12	03.92	02.80	48.72	37	25.92	36		
38	C	Mandrem College, Mandrem	2014	1	120	80	07.68	10.25	07.04	03.52	08.32	36.81	38	9.12	39	17.25	31
39	D	G. V. M's G. G. P. R College, Ponda	1986	3	832	30	06.00	03.96	06.96	01.68	02.40	21.00	39	18.18	37	25.65	30
40	D	Swami Vivekananda Vidyaprasarak	2013	1	168	30	04.56	04.08	06.72	01.32	01.44	18.12	40	12.84	38	9.75	38
41	Е	R. C. P. R School of Agriculture	2016	1	63	30	02.88	02.40	03.12	01.20	05.04	14.64	41	6.36	40	10.35	36

W % Weightage

1\* Overall Ambience

2\* Overall Maintenance & Management

3\* Overall Water Management

4\* Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

 A +
 Excellent \*
 C
 Poor \*

 A
 Good \*
 D
 Very Poor \*

 B +
 Satisfactory \*
 E
 Extremely Poor \*

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

### **Annexure 6: Ranking (Colleges with less than 250 students)**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018	-2019	2017-	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	V. M. S Institute of Intnl Hos Edn	2014	1	181	100	60.00	28.00	40.00	20.00	20.00	168.00	1	162.40	1	143.00	1
2	A	Gomantak Ayurveda Mahavidyalaya	1993	1	240	100	44.00	24.40	35.20	09.60	19.20	132.40	2	67.92	9	38.50	8
3	B +	National Hydrographic School, Vasco	1978	2	35	80	41.60	14.72	23.04	16.00	16.00	111.36	3	114.24	2	138.30	2
4	B +	Vrundavan Institute of Nursing	2004	1	196	90	37.44	21.96	25.20	06.12	18.00	108.70	4	72.72	7	92.40	3
5	B +	G. V. M's Dr. D. V. College of Edn	1986	1	198	90	38.88	15.84	28.08	09.36	13.68	105.84	5	81.90	4	83.35	4
6	B +	Kamaxidevi Homeopathic College	1998	1	200	80	34.56	16.96	22.40	14.40	15.36	103.68	6	73.68	5	70.50	7
7	B +	P. E. S College of Education	1993	1	200	80	33.92	12.16	16.64	11.84	16.00	90.56	7	70.92	6	72.50	6
8	B +	Swami Brahmanand Mahavidyalayam	2017	1	50	80	30.08	20.80	20.48	11.20	07.04	89.60	8				
9	B +	Goa Dental College & Hospital	1980	2	249	70	33.04	16.24	19.60	12.88	07.28	89.04	9	67.20	10	38.00	9
10	В	Goa College of Architecture, Altinho	1982	1	200	80	34.56	15.36	20.48	06.40	05.12	81.92	10	52.56	13	17.40	13
11	В	Goa College of Home Science	1988	1	140	80	30.72	11.20	16.00	07.36	15.36	80.64	11	94.72	3		
12	В	Don Bosco College of Agriculture	2015	1	162	80	24.32	14.72	14.08	10.24	14.40	77.76	12	56.88	11	78.40	5
13	В	Goa College of Art, Altinho	1972	2	200	60	27.36	13.44	10.56	09.60	08.64	69.60	13	70.32	8	24.00	11
14	C	Goa College of Hosp & Culnary Edn	2011	1	100	50	20.20	04.00	17.60	07.40	07.20	56.40	14	52.90	12	33.40	10
15	C	Institute of Psuchiarty & H B	1982	2	20	60	25.44	10.32	09.12	05.52	03.84	54.24	15	46.32	14	20.95	14
16	C	St. Joseph vaz College, Cortalim	2017	1	66	70	18.48	08.40	15.12	03.92	02.80	48.72	16	25.92	16		
17	C	Goa College of Music, Altinho	1987	1	140	60	18.48	10.32	14.40	02.88	02.4	48.48	17	26.08	15	17.60	12
18	C	Mandrem College, Mandrem	2014	1	120	80	07.68	10.25	07.04	03.52	08.32	36.81	18	9.12	18	17.25	15
19	D	Swami Vivekananda Vidyaprasarak	2013	1	168	30	04.56	04.08	06.72	01.32	01.44	18.12	19	12.84	17	9.75	17
20	E	R. C. P. R School of Agriculture	2016	1	63	30	02.88	02.40	03.12	01.20	05.04	14.64	20	6.36	19	10.35	16

### **Annexure 7: Ranking (Colleges with 251 - 500 students)**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-	-2019	2017-	-2018	2016-	-2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A	Nirmala Institute of Education	1963	5	360	80	42.24	24.00	25.60	12.48	16.00	120.32	1	74.52	3	48.75	4
2	B +	Institute of Nursing Education	2005	2	456	90	42.48	20.52	25.20	15.84	07.20	111.24	2	61.44	6	59.40	3
3	B +	Goa College of Pharmacy	1963	3	480	80	40.96	16.64	22.40	10.24	16.00	106.24	3	81.00	1	111.3	1
4	B +	Government College, Borda	2010	1	337	100	43.60	16.80	28.00	06.40	08.00	102.80	4	64.00	4	2.80	8
5	B +	P.E.S's R&T B. College of Pharmacy	2007	3	310	80	39.04	14.40	22.40	12.80	12.16	100.80	5	81.00	2	111.3	2
6	В	Ganpat Parsekar College, Harmal	2015	2	334	70	26.88	16.24	19.60	07.00	09.52	79.24	6	35.10	8	16.02	7
7	В	G. R. Kare College of Law, Margao	1979	4	400	60	28.32	12.48	15.36	08.16	04.80	69.12	7	63.12	5	16.65	5
8	С	S. G. G. M Goa Multi-Faculty College	2013	3	480	60	15.84	05.52	15.84	05.52	06.24	48.96	8	42.60	7	16.05	6

W % Weightage

1\* Overall Ambience

2\* Overall Maintenance & Management

3\* Overall Water Management

4\* Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

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

### Annexure 8: Ranking (Colleges with 501 – 1,000 students)

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-	2019	2017-2	2018	2016-	2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	Agnel Institute of T & D, Assagao	2012	3	788	100	60.00	27.20	28.00	18.80	13.60	147.60	1	111.2.00	3	68.70	5
2	A	V. M. Salgaonkar College of Law	1973	3	800	100	50.40	22.40	25.60	15.20	17.20	130.80	2	144.40	1	42.50	9
3	A	Mallikarjun College, Canacona	1993	3	517	100	44.40	25.20	31.20	08.00	20.00	128.80	3	89.32	5	110.30	1
4	A	Fr. Agnel College, Pilar	1991	3	904	100	50.00	21.20	26.40	07.60	20.00	125.20	4	57.36	9	54.90	7
5	A	Narayan Zantye College, Bicholim	1994	2	600	90	45.36	20.16	28.08	10.08	18.00	121.68	5	82.74	8	69.90	3
6	B +	Carmel College, Nuvem	1964	6	850	80	44.16	20.48	24.32	14.08	13.44	116.48	6	117.76	2	85.75	2
7	B +	Don Bosco College, Panjim	2001	7	575	80	42.24	20.80	24.96	14.08	12.16	114.24	7	108.48	4	63.90	6
8	B +	Dempe College, Miramar	1962	3	900	90	38.16	14.76	20.16	07.92	18.00	99.00	8	85.12	6	48.65	8
9	B +	Rayeshwar Institute of Engg & IT	2001	3	562	70	30.80	15.68	19.60	12.60	13.44	92.12	9	84.00	7	69.90	4
10	B +	Vidya Prabodhini College, Porvorim	2012	2	750	80	37.12	16.00	20.48	05.12	12.16	90.88	10	46.00	12	40.75	10
11	В	S. C College (Saraswat), Mapusa	1991	3	800	80	30.40	18.56	20.48	07.04	08.32	84.80	11	47.70	11	10.05	14
12	В	C. E. S College, Cuncolim	1987	2	560	80	29.44	18.88	20.48	05.76	08.96	83.52	12	49.68	10	13.95	13
13	C	Government College, Pernem	1993	8	557	50	11.60	05.40	13.60	05.00	04.00	39.60	13	35.40	13	16.35	12
14	D	G. V. M's G. G. P. R College, Ponda	1986	3	832	30	06.00	03.96	06.96	01.68	02.40	21.00	14	18.18	14	25.65	11

### Annexure 9: Ranking (Colleges with 1,001 – 1,500 students)

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-2019		2017-2018		2016-	-2017
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	Don Bosco College of Engineering	2011	4	1,157	100	60.00	26.80	28.00	18.40	20.00	153.20	1	154.00	1	111.00	2
2	A +	D. M. C College, Assagao	1974	7	1,500	100	52.00	18.40	28.00	18.00	20.00	136.40	2	141.80	2	133.30	1
3	A +	S. S. Dempo College, Cujira	1966	6	1,382	90	50.40	23.04	28.80	15.84	18.00	136.08	3	106.56	3	-	
4	A	Government College, Khandola	1989	6	1,150	100	46.40	22.80	28.00	15.20	20.00	132.40	4	94.56	4	63.30	5
5	A	P. C. C. Engineering College, Verna	1997	4	1,038	90	54.00	22.32	23.76	11.88	15.84	127.80	5	84.24	5	52.00	6
6	B +	Goa Medical College & Hospital	1963	28	1,300	70	36.96	14.00	25.20	13.72	11.76	101.64	6	25.92	9	20.85	8
7	B +	Government College, Quepem	1989	6	1,500	70	34.16	18.20	19.60	10.08	08.40	90.44	7	82.88	6	93.40	4
8	В	P. E. S. R. S. N College, Farmagudi	1986	18	1,196	60	29.28	06.96	16.32	08.64	12.96	74.16	8	75.96	7	95.20	3
9	В	V. V. M's Shree Damodar College	1973	4	1,229	60	30.24	12.00	16.80	05.76	08.16	72.96	9	62.64	8	29.75	7

% Weightage

Overall Ambience

Overall Maintenance & Management

3\* Overall Water Management

4\* Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

Excellent \*

Poor \* D

A Good \* Very Poor \*

B +Satisfactory \* Extremely Poor \*

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

Unsatisfactory \*

### Annexure 10: Ranking (Colleges with 1,501 – 2,000 students)

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-2019		2017-2018		2016-2017	
												WAS	Rank	WAS	Rank	WAS	Rank
1	A +	Rosary College, Navelim	1991	6	1,782	100	60.00	29.20	28.80	18.00	20.00	156.00	1	154.00	1	121.60	1
2	A +	M. E. S College, Vasco	1972	7	1,557	100	55.20	24.40	28.00	16.40	19.20	143.20	2	141.60	2	63.80	3
3	B +	P. Chowgule College, Margao	1962	8	1,550	80	41.92	18.24	22.40	15.04	14.08	111.68	3	118.40	3	1370	4
4	B +	Government College, Sanquelim	1988	6	1,549	80	42.56	19.52	22.40	08.96	03.84	97.28	4	76.58	4	77.40	2

### **Annexure 11: Ranking (Colleges with above 2,000 students)**

#	Category	Institution	Year	Courses	Students	W	1 *	2 *	3 *	4*	5*	2018-2019		2017-2018		2016-2017	
												WAS	Rank	WAS	Rank	WAS	Rank
1	A	St. Xavier College, Mapusa	1963	12	3,000	90	43.92	21.96	25.20	15.84	18.00	124.92	1	97.16	1	90.70	1
2	C	Goa College of Engineering	1967	16	2,200	60	12.96	08.88	14.88	08.64	08.16	53.52	2	71.04	2	67.20	2

W % Weightage

1\* Overall Ambience

2\* Overall Maintenance & Management

3\* Overall Water Management

4\* Overall Management of Environment

5\* Overall Result of Environmental Education

WAS Weighted Average Score

 A +
 Excellent \*
 C
 Poor \*

 A
 Good \*
 D
 Very Poor \*

 B +
 Satisfactory \*
 E
 Extremely Poor \*

 B
 Unsatisfactory \*

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

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Methodology developed, data analysis carried out and report prepared by Dr. Subhash. K B.