



No. :

Date :

### Program Specific Outcomes Analysis

A measure of the program specific outcomes is a key indicator in judging the performance of the various stake holders in attaining the stated goals of the program.

The institute has devised a methodology wherein the final semester performance of the students is used as an input to decide the various attainment levels of programs offered by the institute.

The students' results categorized into parameters and then the percentage of students in each parameter is used as an indicator of the attainment level. The segregation of the attainment level for deciding the program specific outcomes is:

➤ **Parameter – I:**

**OVERALL:** Total number of students successful in the final examination

➤ **Parameter – II:**

**EXCELLENT:** Total number of students successful in the final examination with distinction ( $\geq 70\%$ )

➤ **Parameter – III:**

**GOOD:** Total number of students successful in the final examination with first class ( $\geq 60\%$  to  $< 70\%$ )

➤ **Parameter – IV:**

**FAIR:** Total number of students successful in the final examination with second class ( $\geq 50\%$  to  $< 60\%$ )

➤ **Parameter – V:**

**AVERAGE:** Total number of students successful in the final examination with pass class ( $\geq 36\%$  to  $< 50\%$ )

Attainment Levels of each parameter are as under.

Attainment Level	% of Students in each parameters
1	0 – 25
2	26 – 49
3	50 – 74
4	75 – 100



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: B. Sc. (Overall)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	386	90.41	4	41.45	2	31.35	2	9.59	1	8.03	1
2	2017 - 18	417	89.93	4	53.72	3	21.82	1	11.03	1	3.36	1
3	2018 - 19	410	90.98	4	46.34	2	30.98	2	7.07	1	6.59	1
4	2019 - 20	415	96.14	4	57.59	3	23.13	1	10.60	1	4.82	1
5	2020 - 21	411	98.30	4	62.53	3	23.11	1	8.27	1	4.38	1



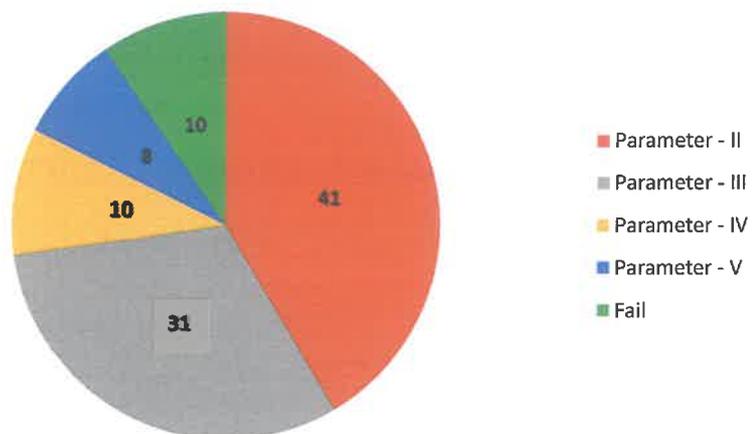
# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Program Name: B. Sc. (Overall)

Year: 2016 - 2017

Overall result of B. Sc. degree: 90.41%

% of passed students related to different parameters

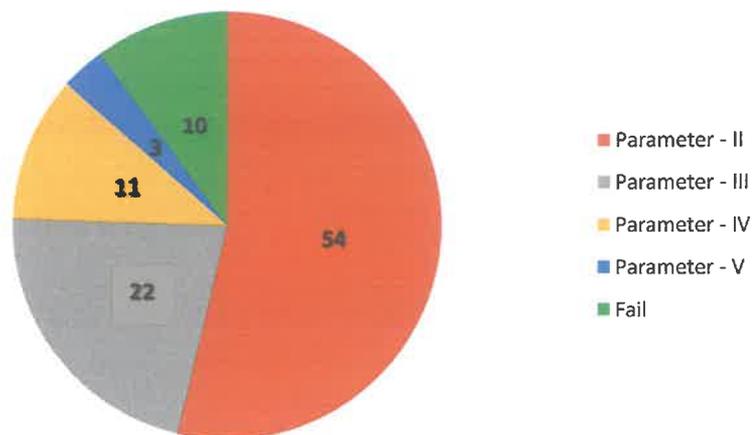


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2017 - 2018

Overall result of B. Sc. degree: 89.93%

% of passed students related to different parametrs

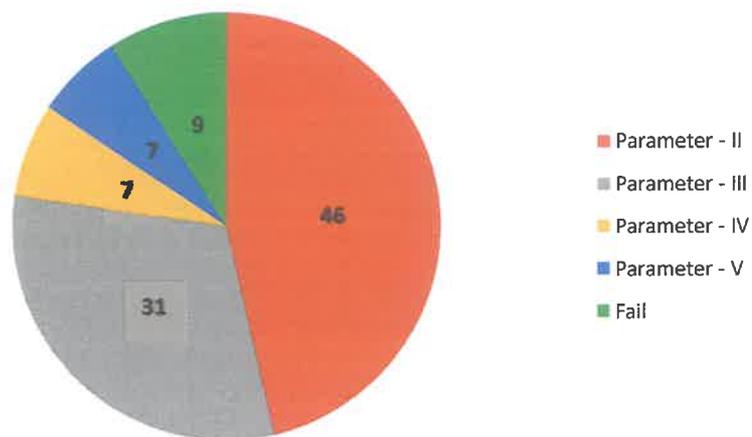


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2018 - 2019

Overall result of B. Sc. degree: 90.98%

% of passed students related to different parameters

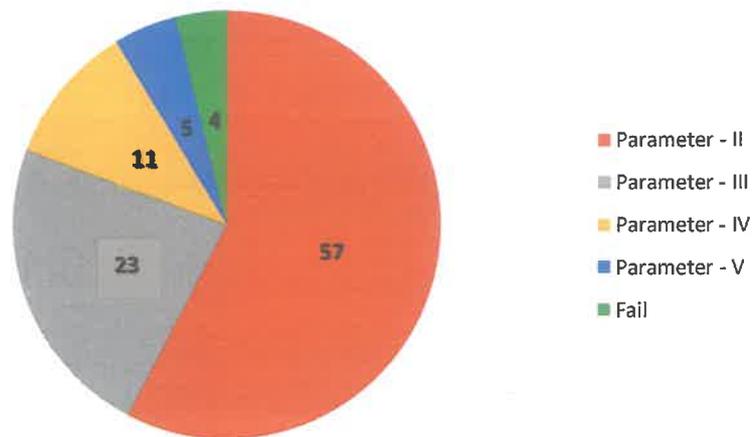


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2019 - 2020

Overall result of B. Sc. degree: 96.14%

% of passed students related to different parameters

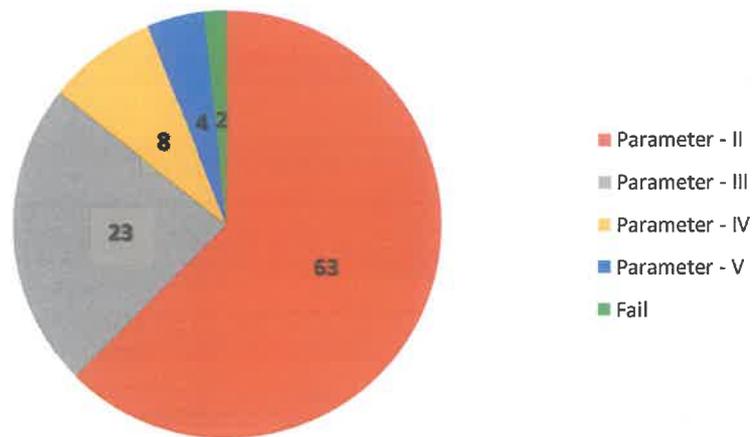


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2019 - 2020

Overall result of B. Sc. degree: 98.30%

% of passed students related to different parameters



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: B. Sc. (Physics)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	51	96.08	4	43.14	2	33.33	2	13.73	1	5.88	1
2	2017 - 18	86	96.51	4	66.28	3	22.09	2	8.14	1	0	1
3	2018 - 19	74	91.89	4	58.11	3	27.03	2	5.41	1	1.35	1
4	2019 - 20	78	97.44	4	56.41	3	28.21	2	8.97	1	3.85	1
5	2020 - 21	74	98.65	4	66.22	3	27.03	2	5.41	1	0	1



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: B. Sc. (Chemistry)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	187	85.56	4	36.36	2	36.90	2	3.74	1	8.56	1
2	2017 - 18	165	86.06	4	52.12	3	26.67	2	3.64	1	3.64	1
3	2018 - 19	170	92.35	4	44.12	2	42.94	2	3.53	1	1.76	1
4	2019 - 20	176	96.59	4	63.07	3	26.70	2	1.70	1	5.11	1
5	2020 - 21	189	99.47	4	67.72	3	24.34	1	0	1	7.41	1



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: B. Sc. (Mathematics)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	109	93.58	4	46.79	2	23.85	1	18.35	1	4.59	1
2	2017 - 18	124	87.10	4	40.32	2	19.35	1	25.00	1	2.42	1
3	2018 - 19	113	84.07	4	38.94	2	15.93	1	13.27	1	15.93	1
4	2019 - 20	117	94.02	4	47.86	2	15.38	1	24.79	1	5.98	1
5	2020 - 21	110	95.45	4	57.27	3	17.27	1	19.09	1	1.82	1



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: B. Sc. (Botany)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	12	91.67	4	41.67	2	16.67	1	25.00	1	8.33	1
2	2017 - 18	19	100	4	68.42	3	21.05	1	5.26	1	5.26	1
3	2018 - 19	23	100	4	30.43	2	39.13	2	17.39	1	13.04	1
4	2019 - 20	20	100	4	65.00	3	20.00	1	10.00	1	5.00	1
5	2020 - 21	18	100	4	22.22	1	22.22	1	44.44	2	11.11	1



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: B. Sc. (Zoology)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	27	100.00	4	51.85	3	25.93	1	0	1	22.22	1
2	2017 - 18	23	100.00	4	78.26	4	0	1	4.35	1	17.39	1
3	2018 - 19	30	100.00	4	70.00	3	23.33	1	0	1	6.67	1
4	2019 - 20	24	95.83	4	62.50	3	20.83	1	12.50	1	0	1
5	2020 - 21	20	100.00	4	65.00	3	30.00	2	5.00	1	0	1



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: M. Sc. (Overall)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	50	100	4	60	3	38	2	2	1	0	1
2	2017 - 18	83	92.77	4	42.17	2	32.53	2	12.05	1	6.02	1
3	2018 - 19	76	92.10	4	47.37	2	30.26	2	9.21	1	5.26	1
4	2019 - 20	73	87.67	4	43.84	2	35.62	2	5.48	1	2.74	1
5	2020 - 21	91	84.62	4	35.16	2	37.36	2	9.89	1	2.20	1

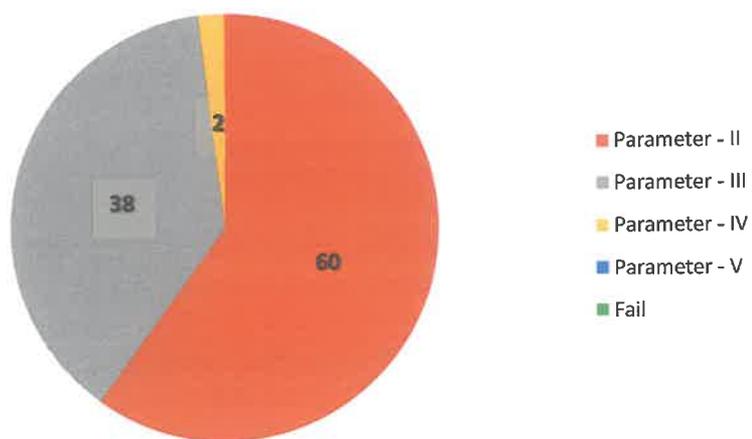


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2016 - 2017

Overall result of M. Sc. degree: 100%

% of passed students related to different parameters

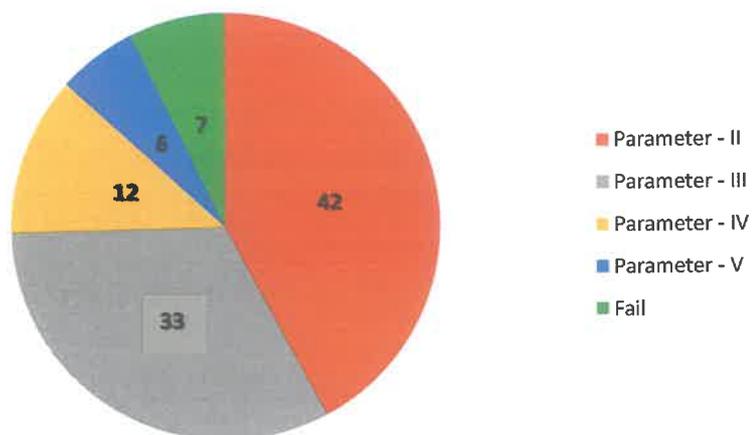


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2017 - 2018

Overall result of M. Sc. degree: 92.77%

% of students related to different parameters

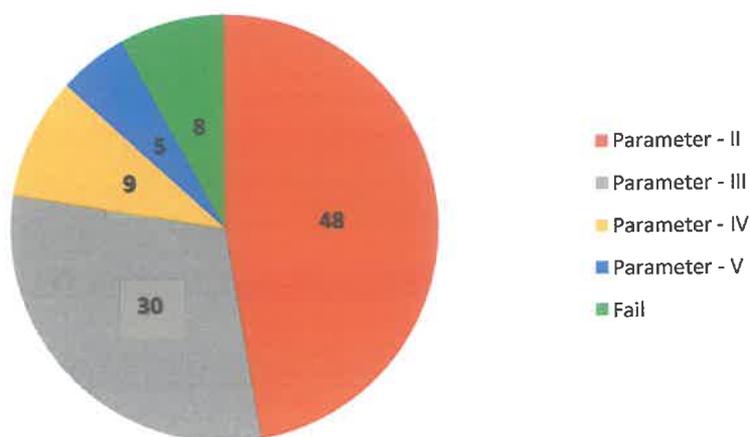


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2018 – 2019

Overall result of M. Sc. degree: 92.10%

% of passed students related to different parameters

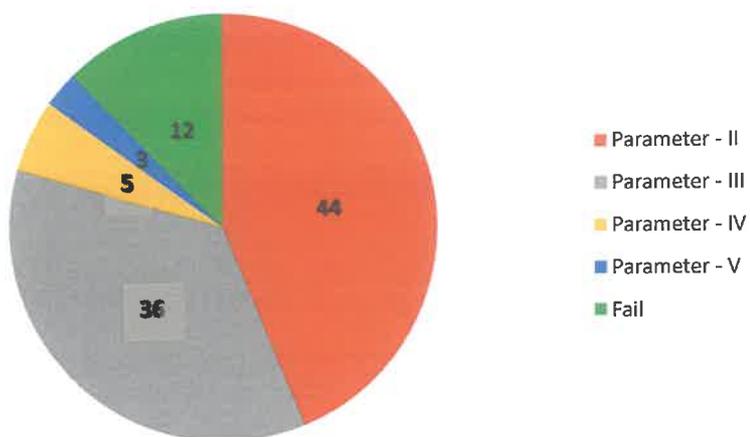


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2019 – 2020

Overall result of M. Sc. degree: 87.67%

% of passed students related to different parameters

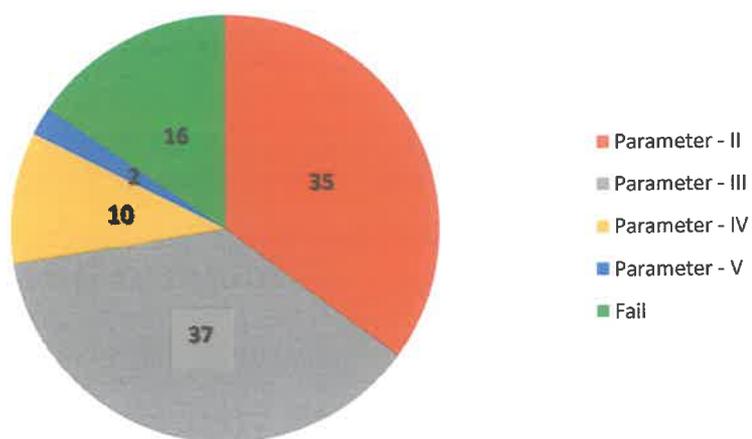


# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Year: 2020 - 2021

Overall result of M. Sc. degree: 84.62%

% of passed students related to different parameters



# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

## Program Name: M. Sc. (Chemistry)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	33	100.00	4	81.82	4	18.18	1	0	1	0	1
2	2017 - 18	36	100.00	4	83.33	4	16.67	1	0	1	0	1
3	2018 - 19	36	100.00	4	80.56	4	19.44	1	0	1	0	1
4	2019 - 20	34	100.00	4	73.53	3	23.53	1	0	1	2.94	1
5	2020 - 21	38	100.00	4	73.68	3	21.05	1	0	1	5.26	1



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: M. Sc. (Physics)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	-	-	-	-	-	-	-	-	-	-	-
2	2017 - 18	20	70	3	20	1	25	1	0	1	25	1
3	2018 - 19	20	80	4	35	2	20	1	5	1	20	1
4	2019 - 20	16	43.75	2	0	0	31.25	2	6.25	1	6.25	1
5	2020 - 21	27	51.85	3	0	0	40.74	2	11.11	1	0	1



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

### Program Name: M. Sc. (Botany)

Sr. No.	Year	Appeared for Exam	Parameter - I (Overall)		Parameter - II (Excellent)		Parameter - III (Good)		Parameter - IV (Fair)		Parameter - V (Average)	
			Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level	Students in %	Attainment Level
1	2016 - 17	17	100	4	17.65	1	76.47	4	5.88	1	0	1
2	2017 - 18	27	100	4	3.70	1	59.26	3	37.04	2	0	1
3	2018 - 19	20	90	4	0	1	60	3	30	2	0	1
4	2019 - 20	23	100	4	30.43	2	56.52	3	13.04	1	0	1
5	2020 - 21	26	96.15	4	15.38	1	57.69	3	23.08	1	0	1

#### Conclusion:

- It is clear from the analysis that, in B. Sc. and M. Sc. programs, the attainment level of parameter - I is 4 which is highest level i.e. Almost all the students passed in the final examination.



## P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

Further analysis of the results showing the percentage of students securing distinction out of those who have cleared the final year examinations has been given below:

### UG programs

Academic Year	% of students passed with First Class Distinction
2016-17	45.85
2017-18	59.73
2018-19	50.94
2019-20	59.90
2020-21	63.61

### **Conclusion:**

Out of those students who cleared the examination, a high percentage of students have secured first class distinction

(> 70%) marks.



# P. T. SARVAJANIK COLLEGE OF SCIENCE, SURAT

## PG Programs

Academic Year	% of students passed with First Class Distinction
2016-17	60.00
2017-18	45.45
2018-19	51.43
2019-20	50.00
2020-21	41.56

### **Conclusion:**

Out of the students Clearing the examination a high percentage of students have scored First class Distinction (> 70%) marks.



  
Principal  
P. T. Sarvajanik College of Science  
Surat