

Hislop College, Nagpur

Teaching-Learning and Evaluation -Online Student Satisfaction Survey: Session 2019-20 (For UG and PG students)

Analysis Report by Dr. Jyoti Shiwalkar (In-charge for TLE SSS-2019-20)

A Google form questionnaire based on 4-point scale was prepared which had 14 statements about teachers' parameters / qualities that are essential for effective teaching learning. The students were asked to rate the teachers of each Department on a 4-point scale; where score 1 stands for inferior and 4 stands for Superior on an ordered scale. The questionnaire was designed as Department specific. The questionnaire was divided in two parts the first part was the student information in which the students are supposed to fill the following information.

First part-Students' information:

- ✓ Student's College ID
- ✓ Student's email id
- ✓ Stream: Science / Arts / Commerce / CMC
- ✓ Category of student: UG / PG/ Diploma
- ✓ Gender: Male / Female
- ✓ Level of student: Sem-II / Sem-IV / Sem-VI/ Any other
- ✓ Medium of teaching of in the Course: English / Hindi / Marathi
- ✓ Name of Teachers' Department for which this feedback is to be filled

Second Part- Student Satisfaction Survey on Teaching Learning & Evaluation: General Instructions

Questionnaire has 14 statements about your teachers of the chosen Department. Respond to each statement with deliberation.

- ❖ You have to assign rating to each sentence as your response between 1 to 4, where rating 1 stands for inferior (lowest) and rating 4 stands for superior (Best).
- ❖ In the last part of the survey questionnaire, under the category 'Any other remarks' you can mention suggestions, positives as well as weaknesses in the teaching learning and evaluation process if any.

(Here your response should be restricted to teaching learning process only.)

- ❖ The questionnaire is Department specific. So, remember that each time you are giving rating on teachers of a particular Department which you have mentioned in the first part of the survey.

The following were the 14 statements about teachers' quality.

1. The preparation of your teachers for the class.
2. The syllabus of your course was covered / completed by your teachers in the class.
3. Your teachers were able to communicate with students.
4. Your teachers explain the course matter clearly & stimulate interest in course topic.
5. Your teachers able to solve the difficulties of students in the subject topics.
6. Your teachers regularly engage their classes.
7. Your teachers illustrate the concepts through examples and applications.
8. Your teachers identify your strengths and encourage you with providing right level of motivation.
9. Your teachers encourage you to participate in Curricular, extracurricular activities of college / department and in the intercollegiate Competitions.
10. Your teachers use ICT tools like LCD projectors, multimedia options etc. while teaching.
11. You receive assignments by your teachers regularly.
12. Unit tests are regularly conducted in the class by your teachers.
13. Your Institution takes initiative/ efforts to inculcate soft skills among you.
14. Rate the overall quality of teaching-learning process in your institution.

15. Any other remarks: Give your positives / suggestions to improve the existing overall teaching-learning process in your Institute.

A group of HODs and Coordinators of PG programmes was formed on What's App. They were given instructions by sending an email. Also the in-charge of the survey has taken care to brief the group of HODs on What's App regarding sending the Google form questionnaire link to their students' group. Prior to this, it was confirmed from all HODs whether they have What's App groups of their all students. The link of the questionnaire was sent on HOD's group on 8th July at 11:00 am. The link was kept open till 12th July. In the span of 4 days (8th -12th July) 5233 responses of students were received.

The following analysis was based on responses of UG and PG students of Arts, Commerce, Science and CMC to the TLE SSS conducted during 8th July to 12th July 2020. The overall student satisfaction indices on a 4-point scale are as follows:

Table-(1)

Overall combined Student Satisfaction Indices on 14 points in the questionnaire

Question Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Average pooled Student satisfaction Index On TLE for Hislop College (2019-20)
Student Satisfaction Indices	3.5	3.4	3.45	3.43	3.45	3.4	3.45	3.29	3.4	3.07	3.52	3.4	3.29	3.45	3.39

The output of the Google excel sheet was Department wise formatted by Mr. Pravin Rotkar.

The Department wise analysis was carried out by Dr. Jyoti Shiwalkar; In-charge of the whole project of online TLE SSS.

The Department wise data was further analyzed for 22 Departments- 10 Departments in science, 10 in Arts and 1 each in Commerce and CMC.

The following table presents the department wise scores on the 14 items in the questionnaire as well as the pooled score on TLE for each Department.

Table-(2) Science Stream

Department wise presentation of Student Satisfaction Indices on TLE (Refer the 14 points in the questionnaire) based on the responses of their students

Name of Department	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pooled Satisfaction Index on TLE
UG Biochemistry	3.37	3.12	3.55	3.38	3.55	3.21	3.50	3.34	3.38	3.34	3.52	3.27	3.21	3.46	3.37
PG Biochemistry	3.43	3.11	3.40	3.29	3.43	3.20	3.34	3.14	3.26	3.23	3.37	3.46	3.11	3.40	3.30
UG Biotechnology	3.77	3.38	3.68	3.71	3.61	3.57	3.68	3.37	3.54	3.61	3.76	3.60	3.27	3.63	3.58
PG Biotechnology	3.73	3.32	3.71	3.68	3.68	3.66	3.68	3.48	3.70	3.63	3.88	3.36	3.34	3.59	3.60
UG Botany	3.65	3.51	3.56	3.57	3.65	3.60	3.58	3.38	3.44	3.65	3.65	3.68	3.32	3.61	3.56
PG Botany	3.62	3.46	3.49	3.62	3.51	3.46	3.59	3.28	3.54	3.59	3.51	3.54	3.38	3.56	3.51
UG Chemistry	3.44	3.33	3.40	3.40	3.39	3.40	3.41	3.28	3.33	3.09	3.61	3.51	3.29	3.46	3.38
Computer Science	3.36	3.23	3.24	3.28	3.25	3.19	3.49	3.19	3.47	3.60	3.64	3.25	3.19	3.36	3.34
Mathematics	3.64	3.49	3.64	3.46	3.51	3.58	3.48	3.40	3.56	3.24	3.44	3.51	3.40	3.53	3.49
Physics	3.23	3.12	3.10	3.05	3.13	3.03	3.06	2.95	3.13	2.21	3.32	3.40	3.04	3.19	3.07
Electronics	3.13	3.11	3.02	3.00	2.98	2.91	2.93	2.80	2.93	2.46	2.94	2.80	2.94	3.07	2.93
Statistics	3.84	3.76	3.59	3.59	3.67	3.81	3.70	3.39	3.56	3.15	3.71	3.70	3.27	3.51	3.59

UG Zoology	3.37	3.32	3.42	3.39	3.37	3.35	3.42	3.22	3.45	3.17	3.57	3.48	3.30	3.42	3.38
PG Zoology	3.30	3.13	3.20	3.13	3.23	3.13	3.30	3.17	3.00	3.23	3.20	3.23	3.20	3.17	3.19

Table-(3) Arts Stream

Department wise presentation of Student Satisfaction Indices on TLE (Refer the 14 points in the questionnaire) based on the responses of their students

Name of Department	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pooled Satisfaction Index on TLE
Economics	3.21	3.01	3.15	3.12	3.20	3.00	3.19	2.96	2.97	2.47	3.39	3.15	3.02	3.15	3.07
UG English	3.62	3.53	3.58	3.57	3.58	3.51	3.55	3.40	3.50	3.17	3.60	3.48	3.43	3.54	3.50
PG English	3.7	3.5	3.76	3.74	3.64	3.44	3.64	3.46	3.6	3.08	3.6	3.42	3.3	3.6	3.53
UG Hindi	3.52	3.53	3.46	3.44	3.48	3.34	3.49	3.42	3.42	2.77	3.55	3.42	3.39	3.52	3.41
History	3.48	3.39	3.39	3.43	3.38	3.44	3.38	3.26	3.40	2.96	3.40	3.35	3.31	3.45	3.36
Marathi	3.64	3.33	3.48	3.48	3.42	3.12	3.48	3.35	3.50	3.50	3.64	3.33	3.48	3.48	3.47
Philosophy	3.44	3.40	3.31	3.34	3.32	3.49	3.37	3.25	3.34	2.86	3.43	3.40	3.20	3.32	3.32
Political Science	3.65	3.66	3.55	3.57	3.58	3.59	3.58	3.46	3.54	3.64	3.58	3.55	3.43	3.57	3.57
UG Psychology	3.65	3.59	3.68	3.63	3.58	3.62	3.65	3.45	3.51	3.03	3.56	3.24	3.35	3.52	3.50
PG Psychology	3.64	3.58	3.47	3.38	3.38	3.42	3.47	3.22	3.31	2.69	3.42	3.18	3.13	3.44	3.34
Sanskrit	3.78	3.59	3.81	3.85	3.78	3.67	3.89	3.70	3.78	3.30	3.74	3.56	3.52	3.67	3.69

UG Sociology	3.08	3.07	2.98	2.98	3.05	2.91	3.13	2.95	3.04	2.61	3.01	3.08	3.05	3.13	3.01
PG Sociology	3.29	3.37	3.27	3.21	3.25	3.15	3.17	3.08	3.12	2.67	3.27	3.04	3.02	3.25	3.15

Note: 1) No student from PG Chemistry and PG Hindi responded to this survey.

2) UG English Department (All English subjects merged into single English Department) received 1218 responses and its score / scores are calculated from 1218 opinions.

3) Sanskrit received lowest number of responses ie 27 responses and its score is based on only 29 responses.

Table-(4) Commerce and CMC Stream

Department wise presentation of Student Satisfaction Indices on TLE (Refer the 14 points in the questionnaire) based on the responses of their students

Name of Department	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Pooled Satisfaction Index on TLE
UG Commerce	3.40	3.32	3.42	3.34	3.43	3.25	3.38	3.24	3.41	2.75	3.55	3.28	3.23	3.42	3.31
PG Commerce	3.31	3.24	3.34	3.31	3.24	3.17	3.27	3.12	3.44	2.86	3.49	3.20	3.31	3.39	3.26
CMC	3.22	3.21	3.25	3.15	3.17	3.29	3.19	3.02	3.17	2.91	3.51	3.33	2.97	3.23	3.19

The students mostly gave compliments to their teachers and a few students gave suggestions for improvement. The Department wise comments in 'Any Other' section of the questionnaire are submitted to the IQAC coordinator. Also, the soft copies of analysis excel files as well as the master data file are sent to IQAC coordinator.

All the HODs, PG Coordinators and the respective teachers of their Department cooperated very well in this survey. The survey was aimed at almost all the students of the college but could reasonably cover almost 80 % of the total students. The students responded enthusiastically. The online survey on Teaching Learning and Evaluation conducted in Hislop College during 8th to 12th July 2020 can be considered to be a great success to know students' feedback and their suggestions / positives on TLE.

Table-(1)

Student Satisfaction Index on Infrastructure of the College: (average scores out of 4)

Student Satisfaction Index on College Infrastructure based on a 4-point scale (Session 2019-20)						
Classrooms	Laboratories	College Auditorium.	Playground	Parking place	Drinking water facility	Rest rooms
3.009	2.642	3.084	2.234	3.093	2.71	1.81

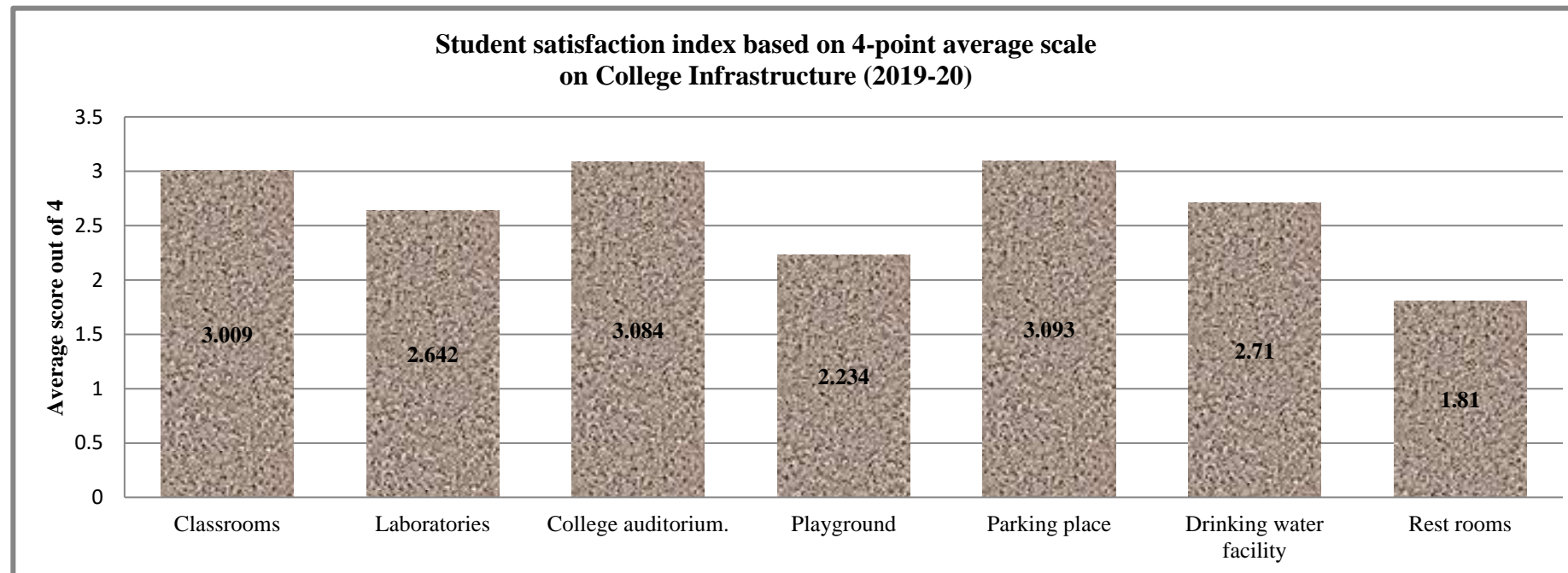
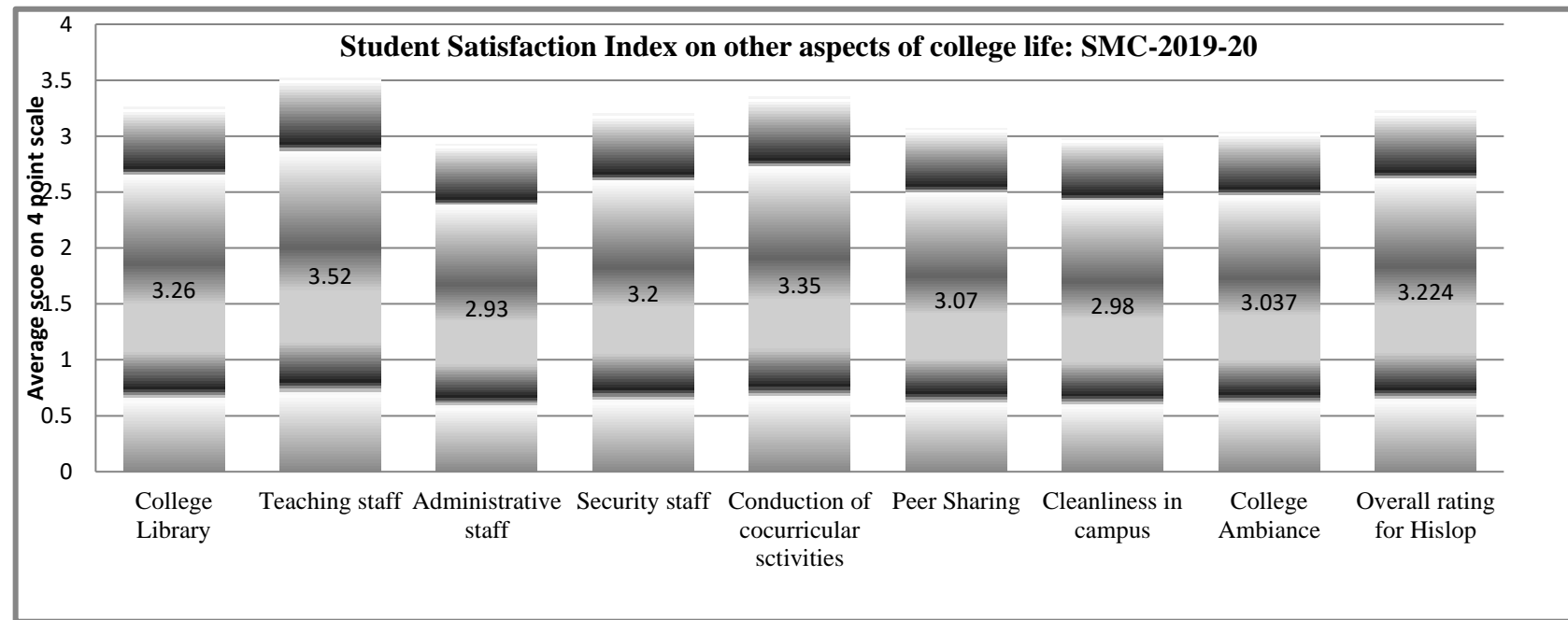


Table-(2)

Student Satisfaction Index on other important aspects of the College:

(Average scores out of 4)

College Library	College Teaching staff	College Admin staff	College Security staff	Conduct of co-curricular activities	Peer share & help	Cleanliness in campus	College Ambiance	Overall rating for Hislop
3.26	3.52	2.93	3.2	3.35	3.07	2.98	3.037	3.224



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