

**REPORT ON STUDENTS' FEEDBACK REGARDING DESIGN AND
REVIEW OF CURRICULUM**

(2018-19)



Result of Analysis of Students' Feedback Regarding Design and Review of Curriculum (2018-19)

The College aims to offer the best possible learning environment to the students in order to enable them to perform to their full potential. Students' feedback related to curriculum is very significant to enhance the quality of teaching and learning experience.

Feedback from students allows them the opportunity to comment on various aspects of curriculum. This provides us with valuable suggestions for further improvement of the curriculum, which can be forwarded to the university through various faculty members who are members of Board of Studies.

Methodology

The feedback from students on design and review of curriculum was obtained through Structured Questionnaire which included 10 questions on various aspects of curriculum.

A five point Likert scale has been used with weights assigned from 1 to 5 to different responses as follows:

- 1- Strongly Disagree
- 2- Disagree
- 3- Neutral
- 4- Agree
- 5- Strongly Agree

The Range of each order or level is determined by the following formula:

(Highest point in Likert Scale- Lowest point in Likert Scale)/ Number of Levels Used

Therefore Range= $(5-1)/5=4/5=0.8$

Hence

Range for 'Strongly Disagree' is	1.0 to 1.8
Range for 'Disagree' is	1.8 to 2.6
Range for 'Neutral' is	2.6 to 3.4
Range for 'Agree' is	3.4 to 4.2
Range for 'Strongly Agree' is	4.2 to 5.0

Data was collected with the help of sampling technique. In order to determine that the sample is representative sample or not sample size adequacy test was performed.

Sample Size Adequacy Test

To test the adequacy of sample size, Slovin's test (1960) has been used, which is as follows:

$$n = \frac{N}{1 + Ne^2}$$

Where n= Minimum Sample Size

N=Total Population

e= Error Tolerance Level

In 2018-19, total number of students were =3540

N=3540

Taking the confidence level of 95 %

Error Tolerance= 5%

So $n = \frac{3540}{1 + 3540(0.05)^2}$

$n = \frac{3540}{9.85}$

N=359.39

Therefore, minimum 360 students' feedbacks were required. Since we have received 450 students' feedback forms from different faculties, so it satisfies sample size adequacy test and it is a representative sample.

Data Analysis and Interpretation

Following is the tabular analysis of each question showing number of students' responses on five point Likert scale, percentage of students' responses, weighted score and weighted mean score of each question.

Question No: (1) The Curriculum cover the relevant topics for the assigned subjects.

Table 1: Responses on inclusion of the relevant topics in curriculum for the assigned subjects.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	78	305	61	6	0	450
Percentage	17.33	67.78	13.56	1.33	0.00	100.00
Weighted Score	390	1220	183	12	0	1805
Weighted Mean Score						4.01

Table 1 shows that out of 450 students surveyed, 78 i.e.17.33% of the students strongly agree that the curriculum includes the relevant topics for the assigned subjects, 305 (67.78%) students agree for the same, 61 students i.e 13.56% of students views are neutral, 6 (1.33%) students disagree and none of the students strongly disagree that the curriculum include the relevant topics for the assigned subjects. The results to Question 1 are presented below in Clustered Cylinder chart as shown in Figure 1.

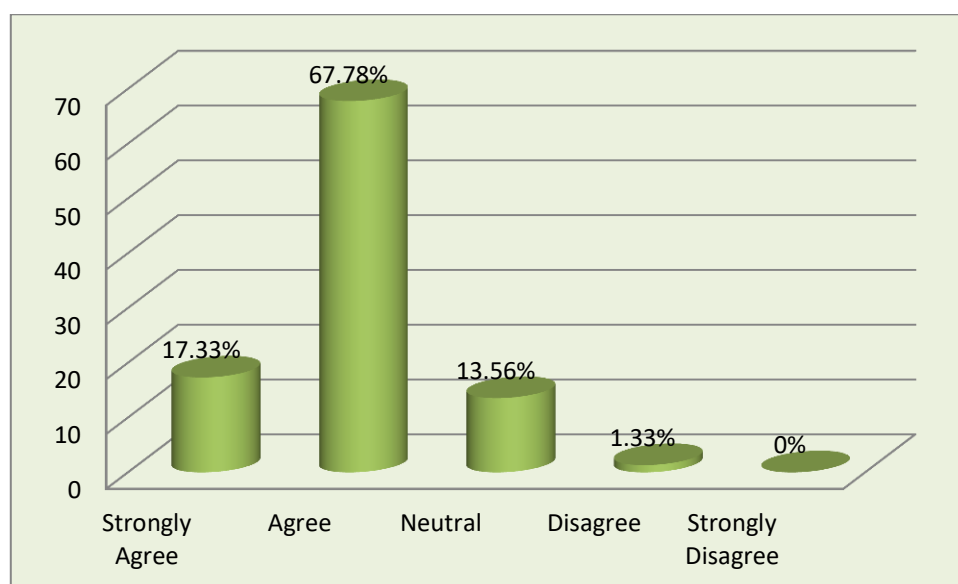


Figure 1 - Percentage of responses on inclusion of the relevant topics in curriculum.

Here it is also observed that Weighted Mean Score of Question No. 1 is 4.01 which lies between the Likert range of 3.4 to 4.2 i.e. range for 'Agree'. So, it can be concluded that that students agrees that the Curriculum includes the relevant topics for the assigned subject.

Question No: (2) Sufficient books and reference material are available for the topics mentioned in the curriculum in college library.

Table 2: Responses on availability of sufficient books and reference material in college library for the topics mentioned in the curriculum.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	242	165	37	6	0	450
Percentage	53.78	36.67	8.22	1.33	0.00	100
Weighted Score	1210	660	111	12	0	1993
Weighted Mean Score						4.43

Table 2 shows that out of 450 students surveyed, 242 i.e 53.78 % students strongly agree that sufficient books and reference material are available for the topics mentioned in the curriculum in college library, 165 (36.67%) students agree for the same, 37 students i.e. 8.22% students views are neutral, 6 students (1.33%) disagree and none of the student strongly disagree that sufficient books and reference material are available for the topics mentioned in the curriculum in college library. The results to Question 2 are presented below in Clustered Cylinder chart as shown in Figure-2.

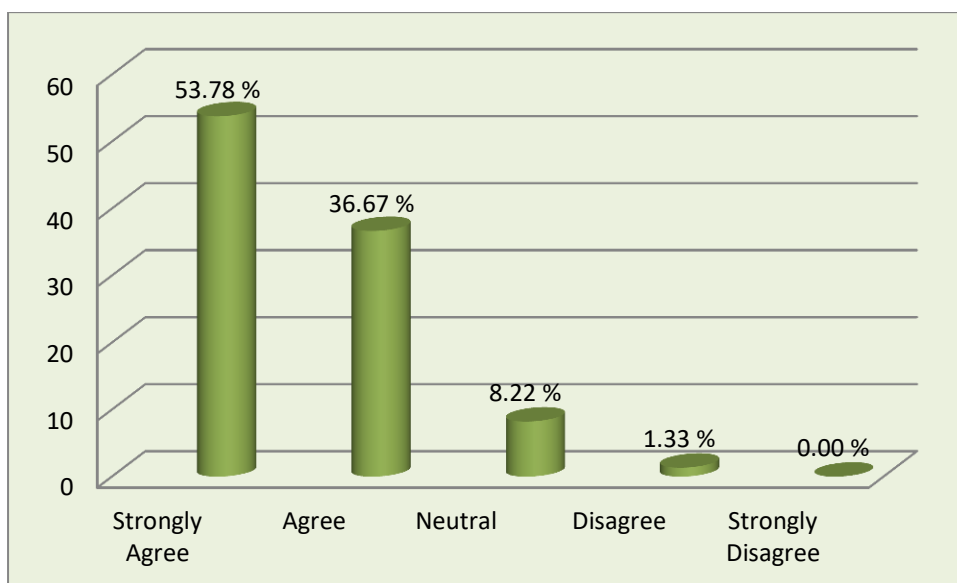


Figure 2 - Percentage of responses on availability of sufficient books and reference material in college library.

Weighted Mean Score of Question No. 2 is 4.43 which fall in the Likert range of ‘Strongly Agree’ and hence it can be concluded that the students strongly agree that sufficient books and reference material are available for the topics mentioned in the curriculum in college library.

Question No: (3) The entire syllabus is completed in allotted time period.

Table 3: Responses on completion of entire syllabus in allotted time period.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	236	164	47	3	0	450
Percentage	52.44	36.44	10.44	0.67	0.00	100
Weighted Score	1180	656	141	6	0	1983
Weighted Mean Score						4.41

Table 3 reveals that out of 450 students surveyed, 236 i.e 52.44 % of students strongly agree that the entire syllabus is completed in allotted time period, 164 i.e 36.44 % of students agree for the same, 47 i.e. 10.44 % of students views are neutral, 3 i.e. 0.67 % of students disagree and none of the student strongly disagree that the entire syllabus is completed in allotted time period. The results to Question 3 are presented below in Clustered Cylinder chart as shown in Figure-3.

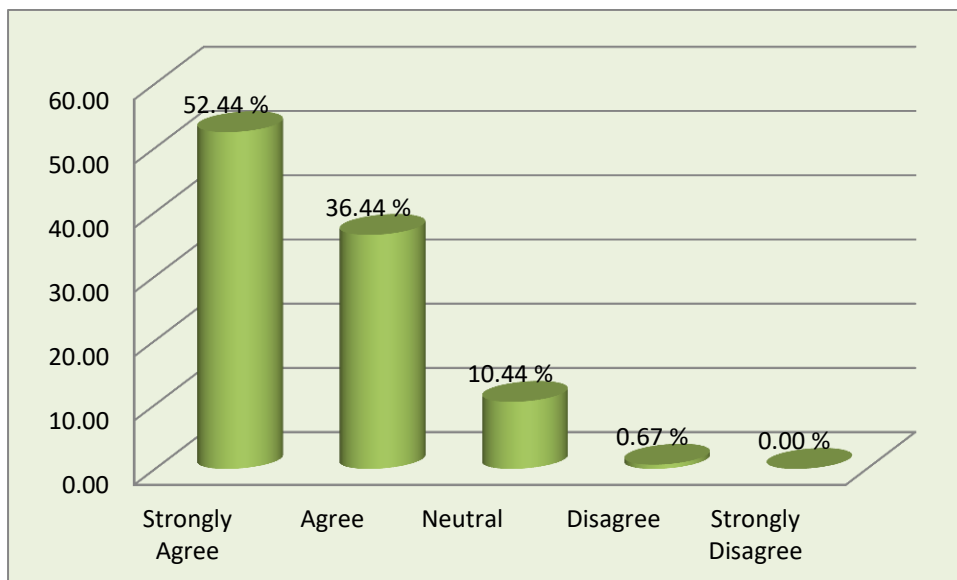


Figure 3 - Percentage of responses on completion of entire syllabus in allotted time.

Weighted Mean Score of Question No. 3 is 4.41 which lies between the Likert range of 4.2 to 5.0 i.e. range for 'Strongly Agree'. So it is clear that the students strongly agree to the fact that the entire syllabus is completed in allotted time period.

Question No: (4) Recent advancements are regularly upgraded and added in the curriculum.

Table 4: Responses on regular up gradation of recent advancements in curriculum.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	43	159	93	106	49	450
Percentage	9.56	35.33	20.67	23.56	10.89	100.00
Weighted Score	215	636	279	212	49	1391
Weighted Mean Score						3.09

Table 4 shows that out of 450 students surveyed it was found that, 43 i.e 9.56 % of students strongly agree that recent advancements are regularly upgraded and added in the curriculum, 159 i.e 35.33 % of students agree for the same, 93 i.e 20.67 % of students views are neutral, 106 i.e 23.56 % of students disagree and 49 i.e 10.89 % of the students strongly disagree that recent advancements are regularly upgraded and added in the curriculum. The results to Question 4 are presented below in Clustered Cylinder chart as shown in Figure-4.

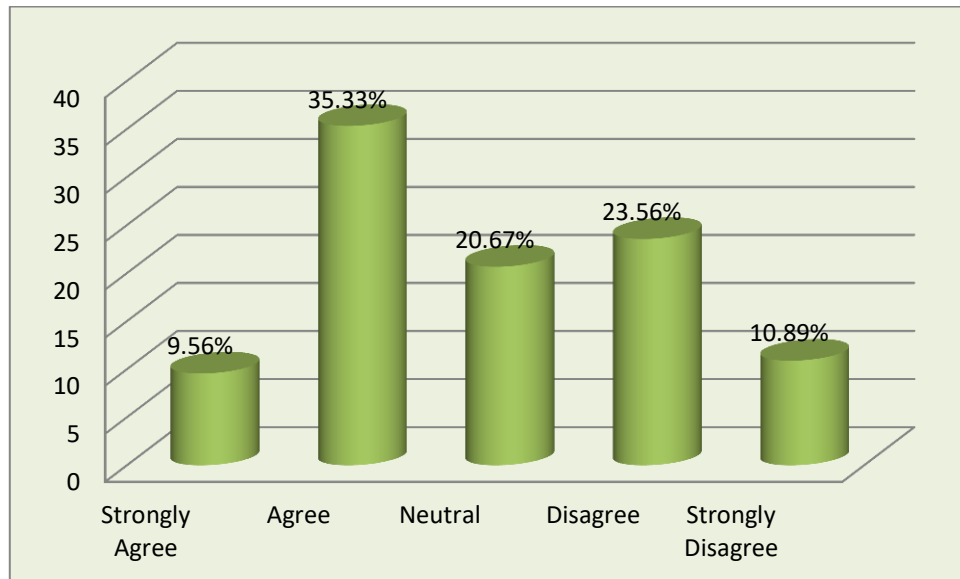


Figure 4 - Percentage of responses on regular up gradation of recent advancements in curriculum.

Question No. 4 have Weighted Mean Score of 3.09, so it can be concluded that students are neutral that recent advancements are regularly upgraded and added in the curriculum.

Question No: (5) The curriculum has enhanced your knowledge as well as skill and competencies.

Table 5: Responses on enhancement of knowledge, skill and competencies.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	186	202	47	11	4	450
Percentage	41.33	44.89	10.44	2.44	0.89	100.00
Weighted Score	930	808	141	22	4	1905
Weighted Mean Score						4.23

Table 5 reveals that 186 students i.e 41.33% of students strongly agree that the curriculum has enhanced their knowledge as well as skill and competencies, 202 i.e 44.89 % of students agree for the same, 47 i.e 10.44% of students views are neutral, 11 i.e 2.44% of students disagree and 4 i.e 0.89% of students strongly disagree that the curriculum has enhanced your knowledge as well as skill and competencies. The results to Question 5 are presented below in Clustered Cylinder chart as shown in Figure-5.

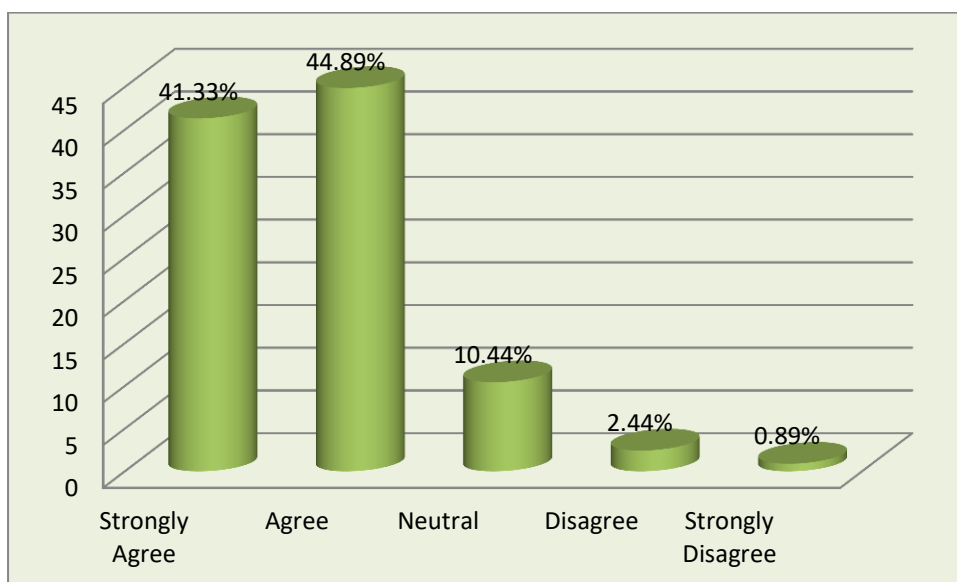


Figure 5 - Percentage of responses on enhancement of knowledge, skill and competencies.

Question No. 5 have Weighted Mean Score of 4.23, so it can be concluded that students strongly agree that the curriculum has enhanced their knowledge as well as skill and competencies.

Question No: (6) The curriculum gives adequate weight age to theoretical and applied knowledge.

Table 6: Responses on adequate weight age to theoretical and applied knowledge of the curriculum.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	228	154	57	8	3	450
Percentage	50.67	34.22	12.67	1.78	0.67	100.00
Weighted Score	1140	616	171	16	3	1946
Weighted Mean Score						4.32

Table 6 reveals that 228 i.e. 50.67% of students strongly agree that the curriculum gives adequate weightage to theoretical and applied knowledge, 154 i.e. 34.22 % of students agree for the same, 57 i.e. 12.67 % of students' views are neutral, 8 i.e. 1.78 % of students disagree and 3 i.e. 0.67 % of students strongly disagree that the curriculum gives adequate weightage to theoretical and applied knowledge. The results to Question 6 are presented below in Clustered Cylinder chart as shown in Figure-6.

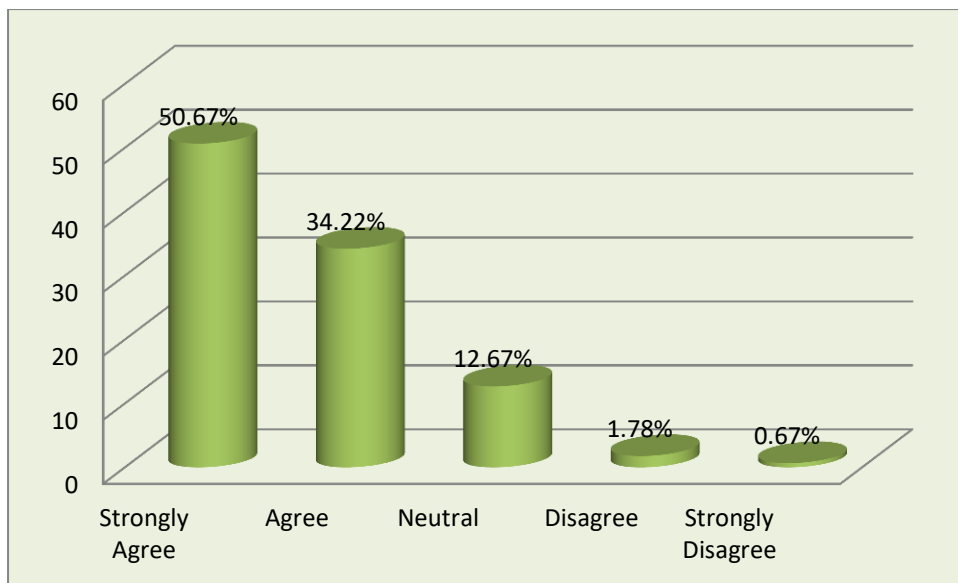


Figure 6 - Percentage of responses on adequate weightage to theoretical and applied knowledge of the curriculum.

Here it is observed that Weighted Mean Score of Question No. 6 is 4.32. So it can be concluded that students strongly agree that the curriculum gives adequate weightage to theoretical and applied knowledge.

Question No: (7) The syllabus is structured to enhance the employability skills of the students.

Table 7: Responses on structuring of syllabus to enhance employability skills of students.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	73	242	94	35	6	450
Percentage	16.22	53.78	20.89	7.78	1.33	100.00
Weighted Score	365	968	282	70	6	1691
Weighted Mean Score						3.76

Table 7 shows that 73 i.e. 16.22 % of students strongly agree that the syllabus is structured to enhance the employability skills of the students, 242 i.e. 53.78 % of students agree for the same, 94 i.e. 20.89 % of students' views are neutral, 35 i.e. 7.78 % of students disagree and 6 i.e. 1.33 % of students strongly disagree that the syllabus is structured to enhance the employability skills of the students. The results to Question 7 are presented below in Clustered Cylinder chart as shown in Figure-7.

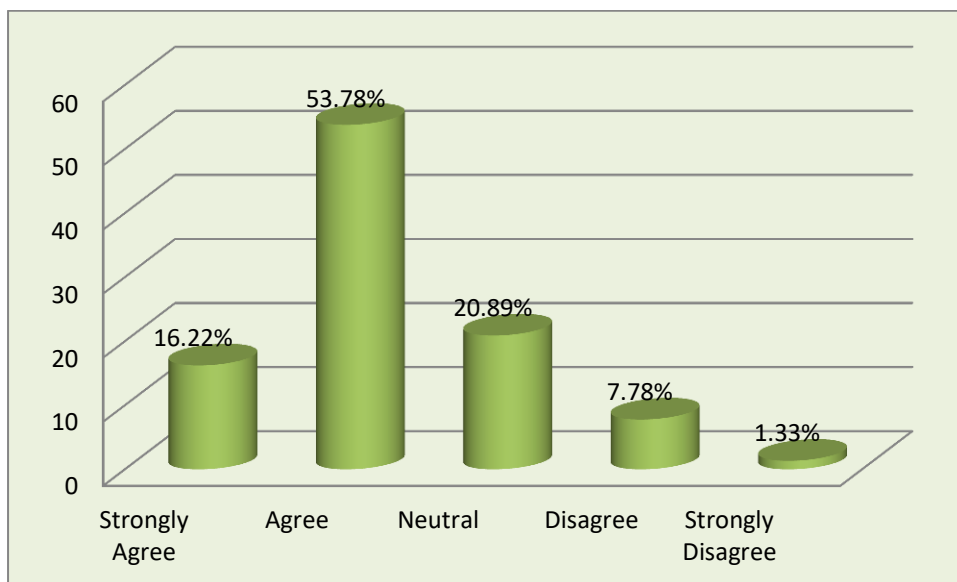


Figure 7 - Percentage of responses on enhancement of employability skills of the students.

Weighted Mean Score of Question No. 7 is 3.76 which fall in the Likert range of 'Agree' which implies that the students agree to the fact that the syllabus is structured to enhance the employability skills of the students.

Question No: (8) The institution has sufficient ICT facilities to cover the syllabus.

Table 8: Responses on the sufficient availability of ICT facilities to cover the syllabus.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	246	147	55	2	0	450
Percentage	54.67	32.67	12.22	0.44	0.00	100.00
Weighted Score	1230	588	165	4	0	1987
Weighted Mean Score						4.41

Table 8 shows that 246 i.e. 54.67 % of students strongly agree that the institution has sufficient ICT facilities to cover the syllabus, 147 i.e. 32.67 % of students agree for the same, 55 i.e. 12.22 % of students' views are neutral, 2 students i.e. 0.44 % of students disagree and none of the students strongly disagree that the institution has sufficient ICT facilities to cover the syllabus. The results to Question 8 are presented below in Clustered Cylinder chart as shown in Figure-8.

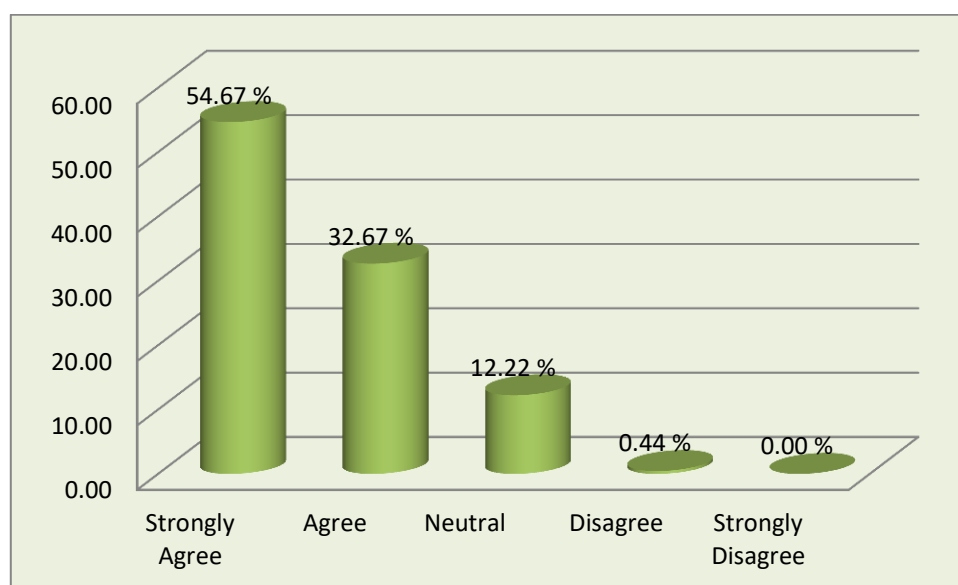


Figure 8 - Percentage of responses showing the sufficient availability of ICT facilities to cover the syllabus.

Question No. 8 have Weighted Mean Score of 4.41, which fall in the Likert range of 'Strongly Agree' which implies that students strongly agree that the institution has sufficient ICT facilities to cover the syllabus.

Question No: (9) I enjoyed the course content.

Table 9: Responses on the interest generated by the course content.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	108	299	31	10	2	450
Percentage	24.00	66.44	6.89	2.22	0.44	100
Weighted Score	540	1196	93	20	2	1851
Weighted Mean Score						4.11

Table 9 reveals that out of 450 students surveyed, 108 students i.e. 24 % of students strongly agree that they enjoyed the course content, 299 i.e. 66.44 % of students agree for the same, 31 i.e. 6.89 % of students' views are neutral, 10 i.e. 2.22 % of students disagree and 2 i.e. 0.44 % of students strongly disagree that they enjoyed the course content. The results to Question 9 are presented below in Clustered Cylinder chart as shown in Figure-9.

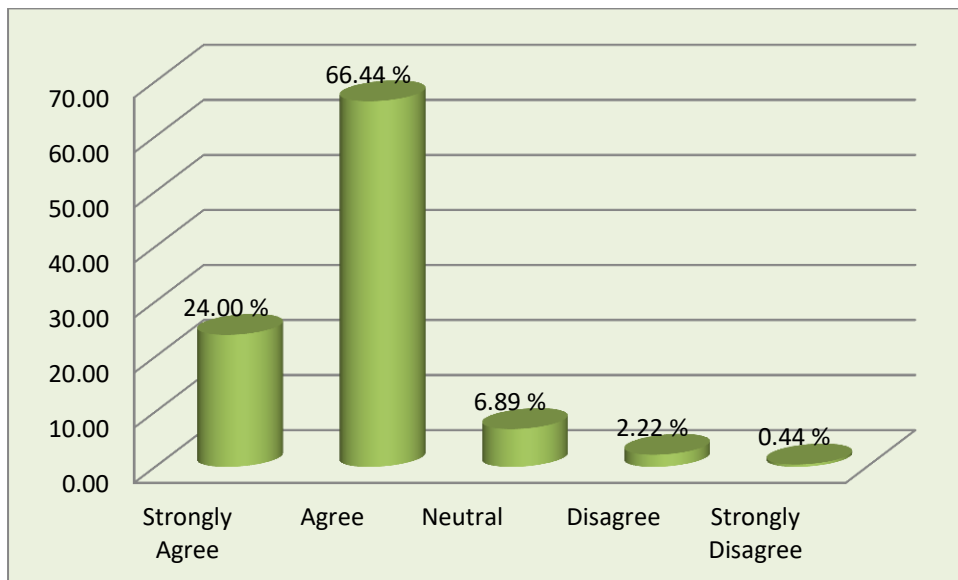


Figure 9- Percentage of responses on the interest generated by the course content.

Here it is observed that Weighted Mean Score of Question No. 9 is 4.11, which fall in the Likert range of 'Agree' which implies that students enjoy the course content.

Question No: (10) Difficulty level of the syllabus is reasonable.

Table 10: Responses on the difficulty level of the syllabus.

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	65	222	119	35	9	450
Percentage	14.44	49.33	26.44	7.78	2.00	100.00
Weighted Score	325	888	357	70	9	1649
Weighted Mean Score						3.66

Table 10 shows that out of 450 students surveyed it was found that 65 i.e. 14.44 % of students strongly agree that difficulty level of the syllabus is reasonable, 222 i.e. 49.33 % of students agree for the same, 119 i.e. 26.44 % of students views are neutral, 35 i.e. 7.78 % of students disagree and 9 i.e. 2 % of students strongly disagree that difficulty level of the syllabus is reasonable. The results to Question 10 are presented below in Clustered Cylinder chart as shown in Figure-10.

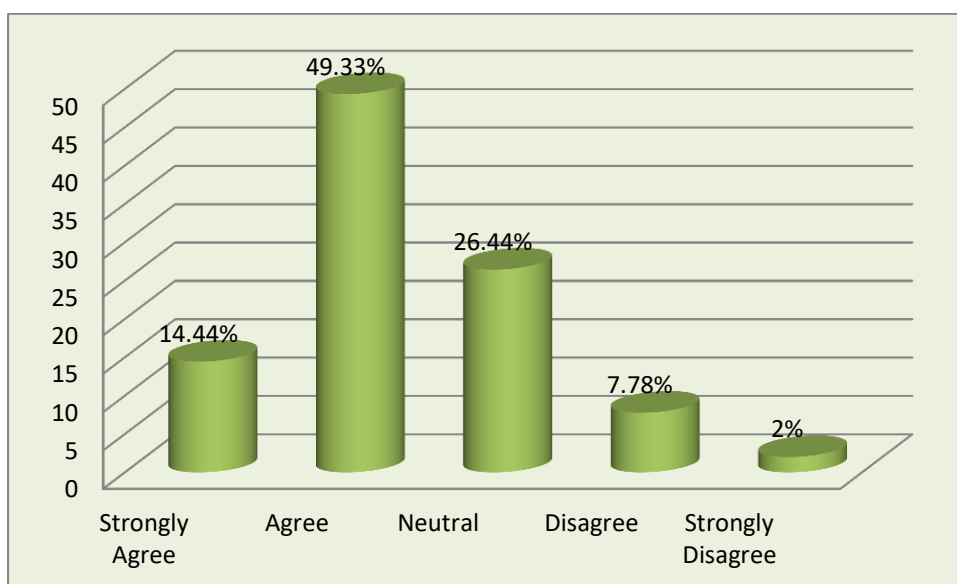


Figure 10 - Percentage of responses on the difficulty level of the syllabus.

Question No.10 has Weighted Mean Score of 3.66, so it can be concluded that students agree that difficulty level of the syllabus is reasonable.

Conclusion

Table 11 and Figure 11 present Weighted Mean Score of questions

Table 11: Weighted Mean Score of questions.

Question No.	Statement of the Questions	Weighted Mean Score
1	The Curriculum covers the relevant topics for the assigned subjects.	4.01
2	Sufficient books and reference material is available for the topics mentioned in the curriculum in college library.	4.43
3	The entire syllabus is completed in allotted time period.	4.41
4	Recent advancements are regularly upgraded and added in the curriculum.	3.09
5	The curriculum has enhanced your knowledge as well as skill and competencies.	4.23
6	The curriculum gives adequate weight age to theoretical and applied knowledge.	4.32
7	The syllabus is structured to enhance the employability skills of the students.	3.76
8	The institution has sufficient ICT facilities to cover the syllabus.	4.41
9	I enjoyed the course content.	4.11
10	Difficulty level of the syllabus is reasonable.	3.66
Average of Weighted Mean Score		4.043

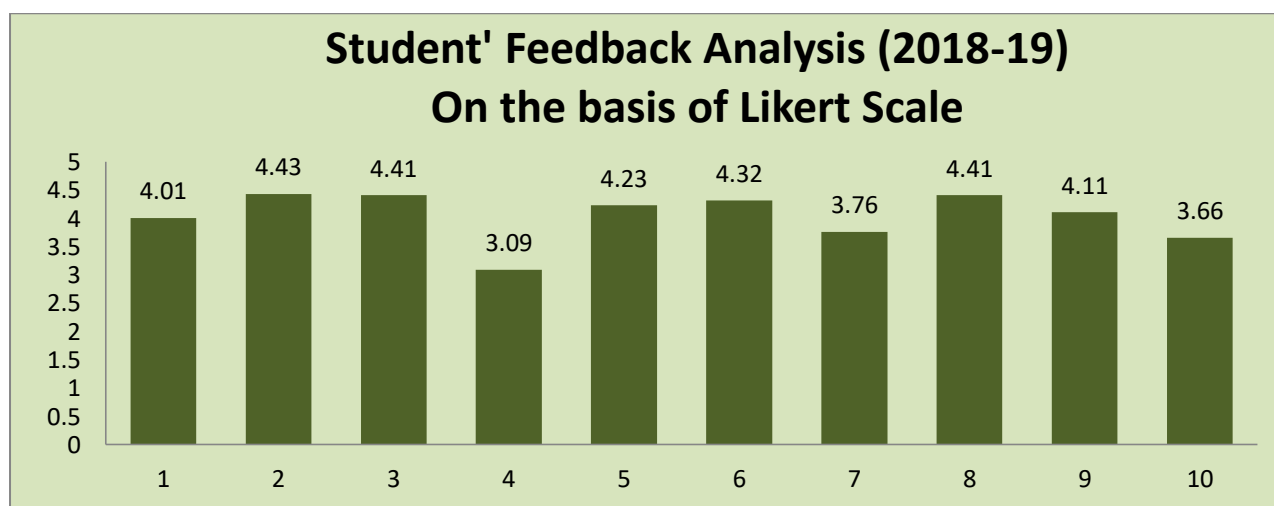


Figure 11 - Weighted Mean Score of questions.

Table 11 shows that the average of Weighted Mean Score of all questions related to curriculum is 4.043 which lies between Likert range of 3.4 to 4.2 that is the range for 'Agree', from which it can be concluded that, on an average, students agree that the curriculum, content, syllabus designed by the university and its future prospects is adequate, update and relevant to present employment scenario and enhances their knowledge and skills.