

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

**(2017-18)**



## **Result of Analysis of Students' Feedback Regarding Design and Review of Curriculum (2017-18)**

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 levels 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

Sampling method was used to collect data through questionnaire in this analysis. 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 2017-18, total number of students were =3583

Therefore, N=3583

Taking the confidence level as 95 %

Error Tolerance= 5%

So,  $n = \frac{3583}{1 + 3583(0.05)^2}$

$$n = \frac{3583}{9.9575}$$

$$n = 359.83$$

Therefore, minimum 360 students' feedback forms were required. Since we have received 365 students' feedback forms from different faculties, so it satisfies sample size adequacy test and it is a representative sample.

## Data Analysis and Interpretation

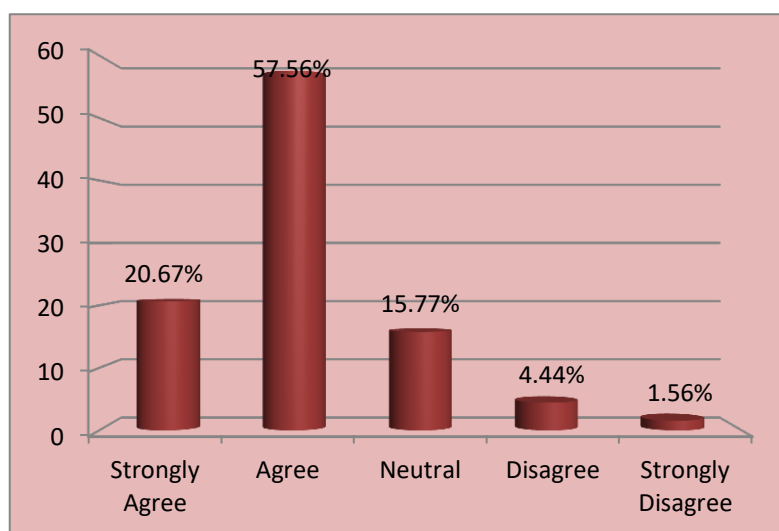
Following is the tabular analysis of each question showing number of students' responses on five point Likert scale, percentage of students' responses, weighted score and weighted mean score of each question.

**Question No: (1) The Curriculum covers the relevant topics for the assigned subject.**

**Table 1: Responses on inclusion of the relevant topics in curriculum for the assigned subject**

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
	75	210	58	16	6	365
<b>Percentage</b>	20.67	57.56	15.77	04.44	1.56	100.00
<b>Weighted Score</b>	375	840	174	32	6	1427
<b>Weighted Mean Score</b>						3.91

Table 1 shows that out of 365 students, 75 i.e. 20.67% of students strongly agree that the curriculum includes the relevant topics for the assigned subjects, 210 i.e. 57.56% of students agree for the same, 58 i.e. 15.77% of students' views are neutral, 16 i.e. 4.44% of students disagree and six i.e. 1.56% of students strongly disagree that the curriculum includes 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 coverage of the relevant topics in curriculum for the assigned subject**

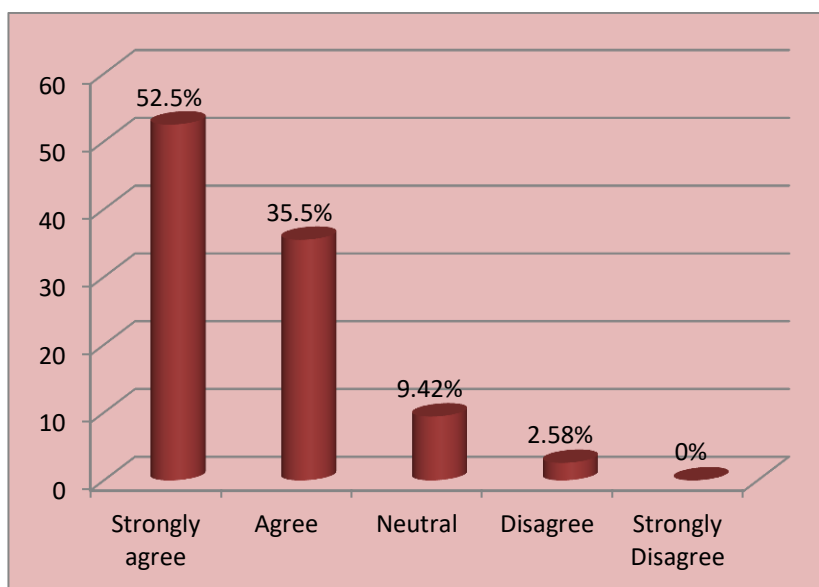
Here, it is also observed that Weighted Mean Score of Question No. 1 is 3.91 which lies between the Likert range of 3.4 to 4.2 i.e. range for 'Agree'. So, it can be concluded that there is strong agreement among students that the curriculum covers the relevant topics for the assigned subject.

**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	192	130	34	9	0	365
Percentage	52.50	35.50	9.42	2.58	0.00	100.00
Weighted Score	960	520	102	18	0	1600
Weighted Mean Score						4.38

Table 2 shows that out of 365 students , 192 i.e. 52.5% of students strongly agree that sufficient books and reference material are available for the topics mentioned in the curriculum in college library, 130 i.e. 35.5% of students agree for the same, 34 i.e. 9.42% of students' views are neutral, 9 i.e. 2.58% of students disagree and none of the students 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 for the topics mentioned in the curriculum**

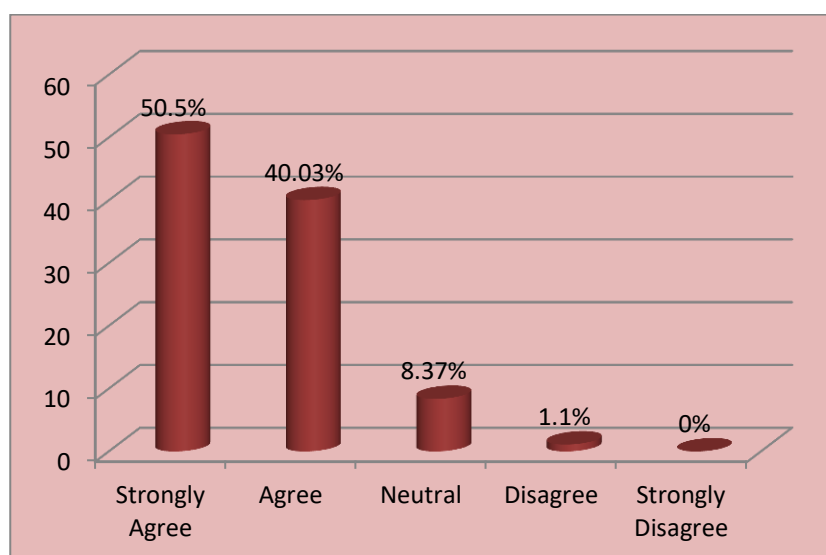
Weighted Mean Score of Question No. 2 is 4.38 which falls in the Likert range of 'Strongly Agree' and hence it can be concluded that the students strongly agree that sufficient books and reference material are available for the topics mentioned in the curriculum in college library.

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

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

<b>Responses</b>	<b>Strongly Agree 5</b>	<b>Agree 4</b>	<b>Neutral 3</b>	<b>Disagree 2</b>	<b>Strongly Disagree 1</b>	<b>Total</b>
<b>Number of Students</b>	183	146	32	4	0	365
<b>Percentage</b>	50.5	40.03	8.37	1.1	0.00	100.00
<b>Weighted Score</b>	915	584	96	8	0	1603
<b>Weighted Mean Score</b>						4.39

Table 3 shows that out of 365 students, 183 i.e. 50.5% of students strongly agree that the entire syllabus is completed in allotted time period, 146 i.e. 40.03% of students agree for the same, 32 i.e. 8.37% of students' views are neutral, 4 i.e. 1.1% of students disagree and none of the students 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 period**

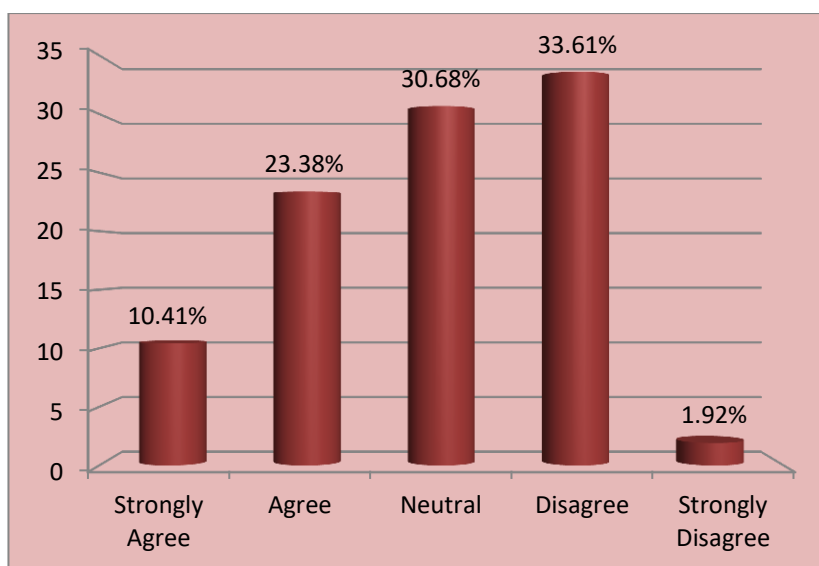
Weighted Mean Score of Question No. 3 is 4.39 which lies between the Likert range of 4.2 to 5.0 i.e. range for 'Strongly Agree'. So, it is clear that the students strongly agree to the fact that the entire syllabus is completed in allotted time period.

**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	38	85	112	123	7	365
Percentage	10.41	23.38	30.68	33.61	1.92	100.00
Weighted Score	190	340	336	246	7	1119
Weighted Mean Score						3.07

Table 4 shows that out of 365 students, it was found that 38 i.e. 10.41% of students strongly agree that recent advancements are regularly upgraded and added in the curriculum, 85 i.e. 23.38% of students agree for the same, 112 i.e. 30.68% of students' views are neutral, 123 i.e. 33.61% of students disagree and 07 i.e. 1.92% of 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**

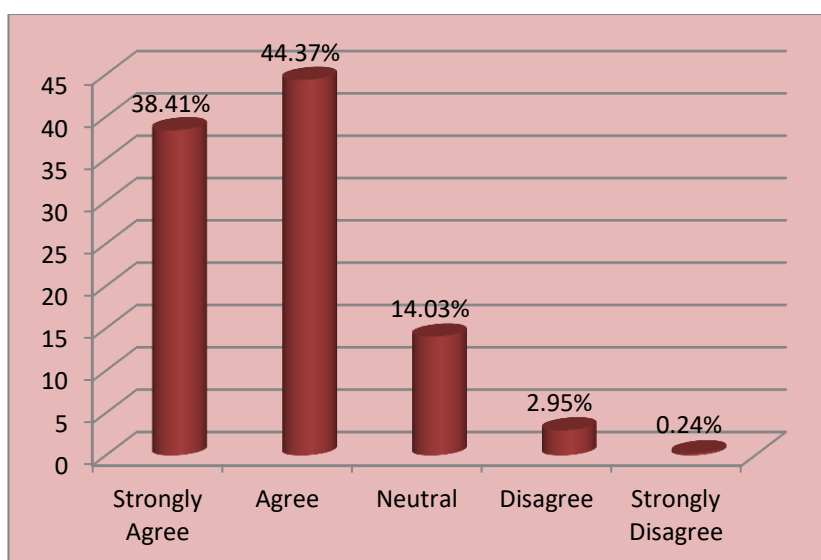
Question No. 4 has Weighted Mean Score of 3.07, which falls in the Likert range of 'Neutral'. So, it can be concluded that students are neutral to the fact that recent advancements are regularly upgraded and added in the curriculum.

**Question No: (5) The curriculum has enhanced your knowledge, skills 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	140	162	51	11	1	365
Percentage	38.41	44.37	14.03	2.95	0.24	100.00
Weighted Score	700	648	153	22	1	1524
Weighted Mean Score						4.17

Table 5 shows that out of 365 students, 140 i.e. 38.41 % of students strongly agree that the curriculum has enhanced their knowledge, skills and competencies, 162 i.e. 44.37% of students agree for the same, 51 i.e. 14.03% of students' views are neutral, 11 i.e. 2.95% of students disagree and 1 i.e. 0.24% of students strongly disagree that the curriculum has enhanced their knowledge, skills 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 has Weighted Mean Score of 4.17 which falls in the Likert range of 'Agree'. So, it can be concluded that students agree to the fact that the curriculum has enhanced their knowledge, skills and competencies.

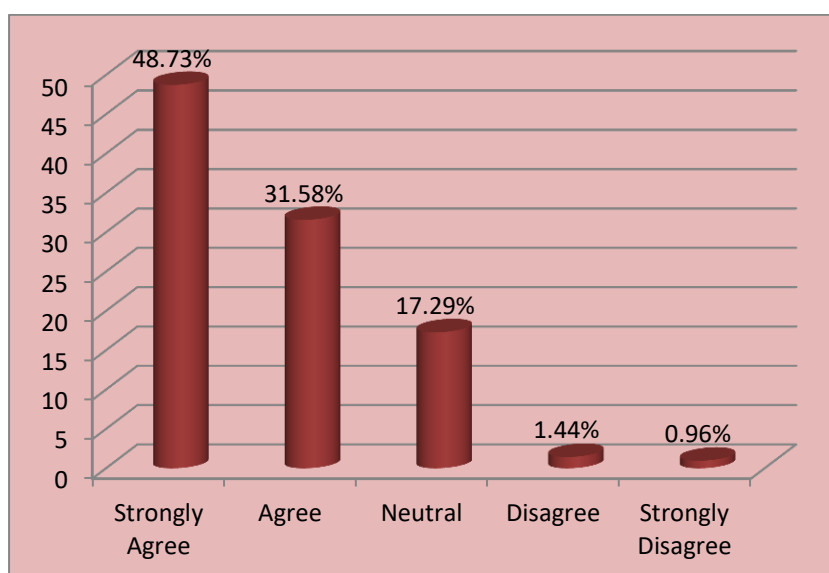


**Question No: (6) The curriculum gives adequate weightage to theoretical and applied knowledge.**

**Table 6: Responses on adequate weightage to theoretical and applied knowledge in the curriculum**

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	178	115	63	5	4	365
Percentage	48.73	31.58	17.29	1.44	0.96	100.00
Weighted Score	890	460	189	10	4	1553
Weighted Mean Score						4.25

Table 6 shows that out of 365 students, 178 i.e. 48.73% of students strongly agree that the curriculum gives adequate weightage to theoretical and applied knowledge, 115 i.e. 31.58% of students agree for the same, 63 i.e. 17.29% of students' views are neutral, 5 i.e. 1.44% of students disagree and 4 i.e. 0.96% 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 in the curriculum**

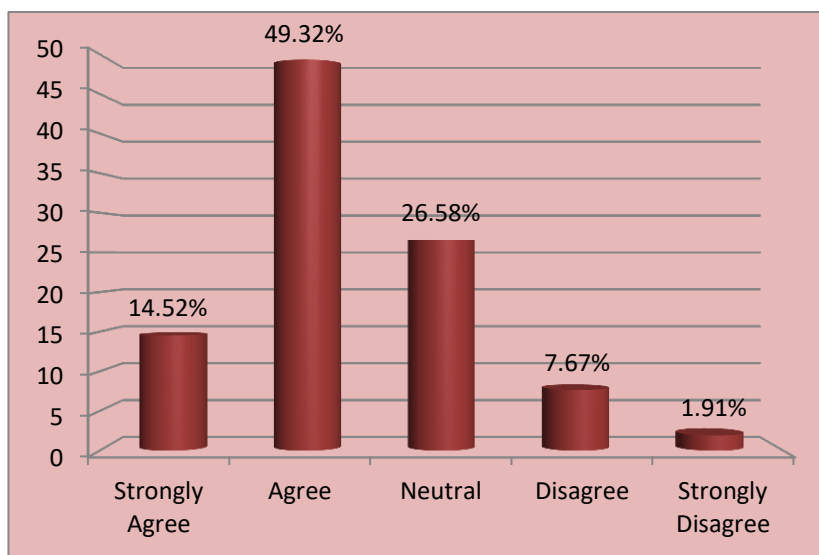
Here, it is observed that Weighted Mean Score of Question No. 6 is 4.25 which falls in the Likert range of 'Strongly Agree'. So, it can be concluded that there is strong agreement among students that the curriculum gives adequate weightage to theoretical and applied knowledge.

**Question No: (7) The syllabus is structured to enhance the employability skills of 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	53	180	97	28	7	365
Percentage	14.52	49.32	26.58	07.67	1.91	100.00
Weighted Score	265	720	291	56	7	1339
Weighted Mean Score						3.67

Table 7 shows that out of 365 students, 53 i.e. 14.52% of students strongly agree that the syllabus is structured to enhance the employability skills of students, 180 i.e. 49.32% of students agree for the same, 97 i.e. 26.58% of students' views are neutral, 28 i.e. 7.67% of students disagree and 7 i.e. 1.91% of students strongly disagree that the syllabus is structured to enhance the employability skills of students. The results to Question 7 are presented below in Clustered Cylinder chart as shown in Figure 7.



**Figure 7 - Percentage of responses on structuring of syllabus to enhance employability skills of students**

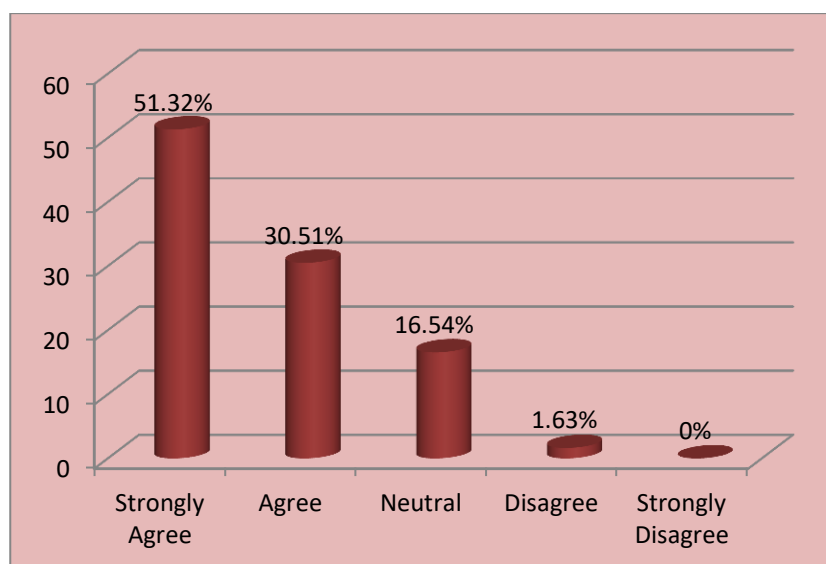
Weighted Mean Score of Question No. 7 is 3.67 which falls in the Likert range of 'Agree' which implies that the students agree to the fact that the syllabus is structured to enhance the employability skills of the students.

**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	187	112	60	6	0	365
Percentage	51.32	30.51	16.54	1.63	0.00	100.00
Weighted Score	935	448	180	12	0	1575
Weighted Mean Score						4.31

Table 8 shows that out of 365 students, 187 i.e. 51.32% of students strongly agree that the institution has sufficient ICT facilities to cover the syllabus, 112 i.e. 30.51% of students agree for the same, 60 i.e. 16.54% of students' views are neutral, 6 i.e. 1.63% 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 on the sufficient availability of ICT facilities to cover the syllabus**

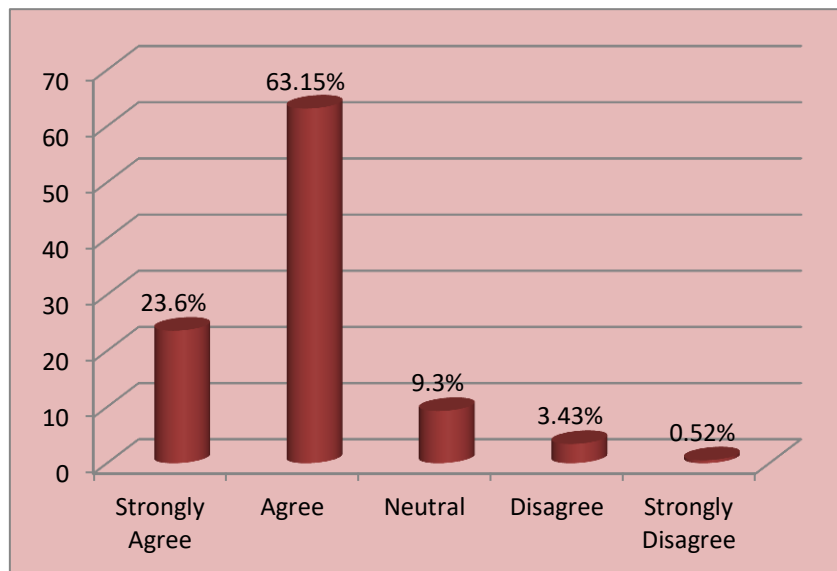
Question No. 8 has Weighted Mean Score of 4.31 which falls in the Likert range of 'Strongly Agree'. So, it can be concluded that the students strongly agree that the institution has sufficient ICT facilities to cover the syllabus.

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

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

Responses	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	86	230	34	13	2	365
Percentage	23.60	63.15	9.30	3.43	0.52	100.00
Weighted Score	430	920	102	26	2	1480
Weighted Mean Score						4.05

Table 9 shows that out of 365 students, 86 i.e. 23.6% of students strongly agree that they enjoyed the course content, 230 i.e. 63.15% of students agree for the same, 34 i.e. 9.3% of students' views are neutral, 13 i.e. 3.43% of students disagree and 2 i.e. 0.52% 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 enjoyment of the course content**

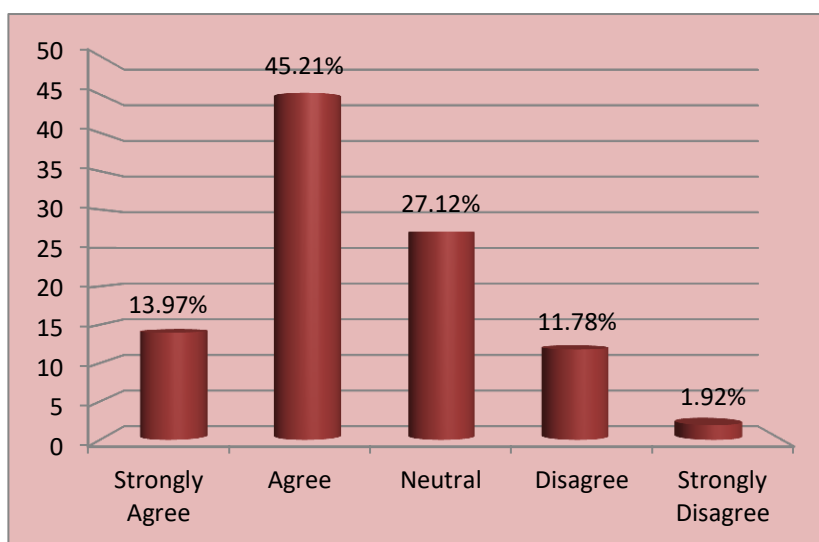
Here, it is observed that Weighted Mean Score of Question No. 9 is 4.05 which falls in the Likert range of 'Agree'. So, it can be concluded that there is agreement among students that they enjoyed the course content.

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

**Table10: Responses on the difficulty level of the syllabus**

<b>Responses</b>	<b>Strongly Agree 5</b>	<b>Agree 4</b>	<b>Neutral 3</b>	<b>Disagree 2</b>	<b>Strongly Disagree 1</b>	<b>Total</b>
<b>Number of Students</b>	51	165	99	43	7	365
<b>Percentage</b>	13.97	45.21	27.12	11.78	1.92	100.00
<b>Weighted Score</b>	255	660	297	86	7	1305
<b>Weighted Mean Score</b>						3.58

Table 10 shows that 51 i.e. 13.97% of students strongly agree that the difficulty level of the syllabus is reasonable, 165 i.e. 45.21% of students agree for the same, 99 i.e. 27.12% of students' views are neutral, 43 i.e. 11.78% of students disagree and 7 i.e. 1.92% 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**

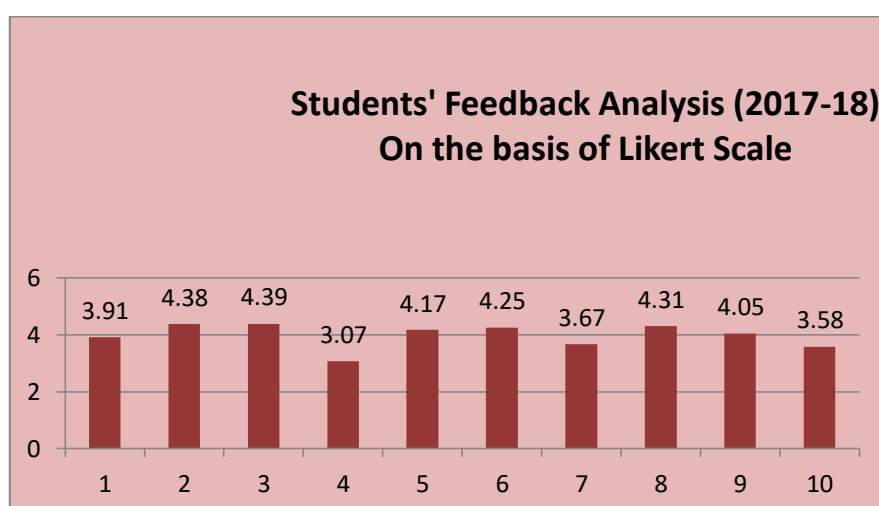
Question No.10 has Weighted Mean Score of 3.58 which falls in the Likert range of 'Agree', so it can be concluded that students agree that difficulty level of the syllabus is reasonable.

## Conclusion

Following table and diagram present Weighted Mean Score on various 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.	3.91
2.	Sufficient books and reference material is available for the topics mentioned in the curriculum in college library.	4.38
3.	The entire syllabus is completed in allotted time period.	4.39
4.	Recent advancements are regularly upgraded and added in the curriculum.	3.07
5.	The curriculum has enhanced your knowledge, skills and competencies.	4.17
6.	The curriculum gives adequate weightage to theoretical and applied knowledge.	4.25
7.	The syllabus is structured to enhance the employability skills of the students.	3.67
8.	The institution has sufficient ICT facilities to cover the syllabus.	4.31
9.	I enjoyed the course content.	4.05
10.	Difficulty level of the syllabus is reasonable.	3.58
Average of Weighted Mean Score = 3.978		



**Figure 11 - Weighted Mean Score**

Table 11 and Figure 11 show that the average of Weighted Mean Score of all questions related to curriculum is 3.978 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 and syllabus designed by the University and its future prospects are adequate, updated and relevant to present employment scenario and enhance their knowledge and skills.