

Result of Analysis

Student Feedback regarding curriculum and infrastructure (2021-22)

The college aims to offer the best possible learning environment to the students in order to enable them to develop full potential. Students feedback related to curriculum as well as infrastructure is very significant to enhance the quality of teaching and learning experience. Feedback from students allow them the opportunities to comment on various aspects of curriculum and infrastructure this provides up with valuable suggestions for further improvements.

Methodology

Feedback from students on curriculum and infrastructure was obtained through structured questioner which included 10 questions in various aspects.

A Five-point Likert scale is used with Weights assigned from 1 to 5 to different levels as follow.

1. Strongly disagree
2. Disagree
3. Neutral
4. Agree
5. Strongly Agree

The range of each order and level is determine by the following formula

(Highest point in Likert scale – Lowest Point in Likert Scale) / Number of Levels)

There for Range = $(5-1)/5=4/5=0.8$

Range for Strongly Disagree= (1.0 to 1.8)

Range for Disagree= (1.8 to 2.6)

Rane for Neutral = (2.6 to 3.4)

Range for Agree= (3.4 to 4.2)

Range for Strongly Agree= (4.2 to 5.0)

Data Analysis and Interpretation

Following is the tabular analysis of each question showing number of students' responses on five points Likert Scale. Percentage of students' responses, weighted score and weighted mean score on each question

Question No. (1) The curriculum covers the relevant topics for the assigned subject.

(ਪਾਠਕ੍ਰਮ ਨਿਰਧਾਰਤ ਵਿਸ਼ੇ ਲਈ ਸੰਬੰਧਿਤ ਵਿਸ਼ਿਆਂ ਨੂੰ ਕਵਰ ਕਰਦਾ ਹੈ।)

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	141	490	80	4	6	721
Percentage	19.56	67.97	11.09	0.55	0.83	100
Weighted Score	705.00	1960.00	240.00	8.00	6.00	2919.00
Weighted Mean Score						4.04

Table 1: Responses on basis that the curriculum covers the relevant topics for the assigned subject

Table 1. shows that out of 721 students surveyed. 141 i.e. 19.56% of students strongly agree that the curriculum cover the relevant topic for assigned subjects, 490 i.e. 67.97% of students agree for the same, 80 i.e. 11.9%, students views are neutral, 4 i.e. 0.55% students are disagree and 6 i.e. 0.83% students are strongly disagree that the curriculum covers the relevant topic for the assignment subjects.

The results of Question 1 are presented below in the diagram as shown fig.1

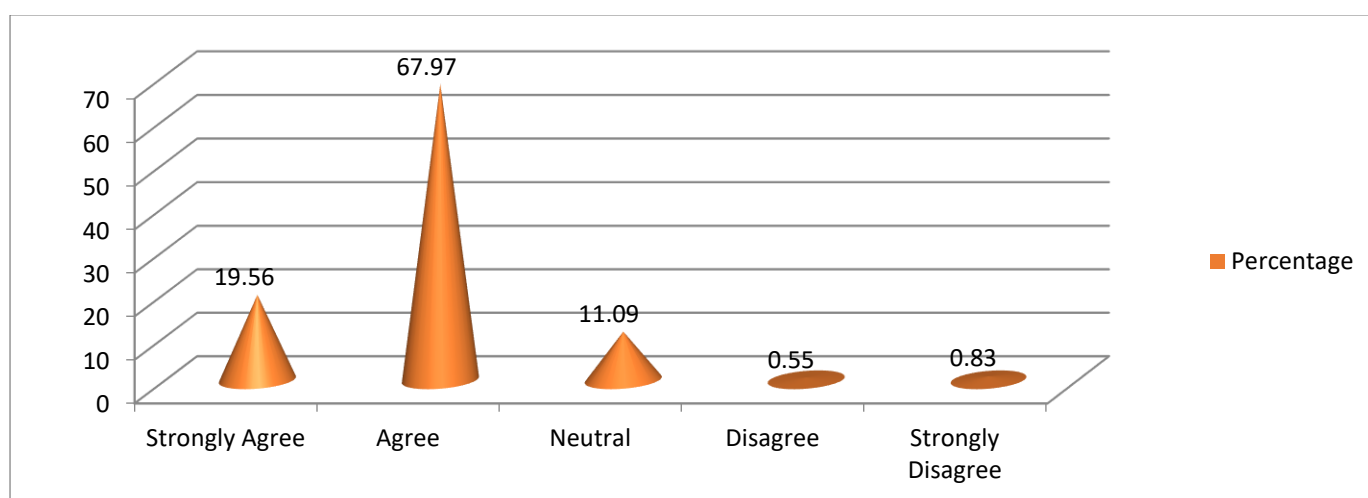


Fig 1 . Percentage of responses on basis that the curriculum covers the relevant topics for the assigned subject.

Here, it is also observed that Weighted Mean Score of Question1 is 4.04 which lies between the Likert range of 3.4 to 4.2 i.e. range for 'Agree'. So, it can be concluded that there the agreement between students that the curriculum covers the relevant topics for the assigned subjects

Question No. (2) The entire syllabus is covered in the allotted time period.(ਸਾਰਾ ਸਿਲੇਬਸ ਨਿਰਧਾਰਤ ਸਮੇਂ ਦੀ ਮਿਆਦ ਵਿੱਚ ਕਵਰ ਕੀਤਾ ਜਾਂਦਾ ਹੈ।)

Table 2: Responses on basis that the entire syllabus is covered in the allotted time period.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	126	447	120	19	9	721
Percentage	17.48	62	16.65	2.63	1.24	100
Weighted Score	630.00	1748.00	360.00	38.00	9.00	2785.00
Weighted Mean Score						3.86

Table 2. shows that out of 721 students surveyed. 126 i.e. 17.48% of students strongly agree that syllabus is covered in the allocated time period 447 i.e. 62% of students agree for the same,120 i.e.16.65, students views are neutral, 19 i.e. 2.63% students are disagree and 9 i.e. 1.24% students are strongly disagree that syllabus is covered in the allocated time period.

The results Question 2 are presented below in the diagram as shown fig.2

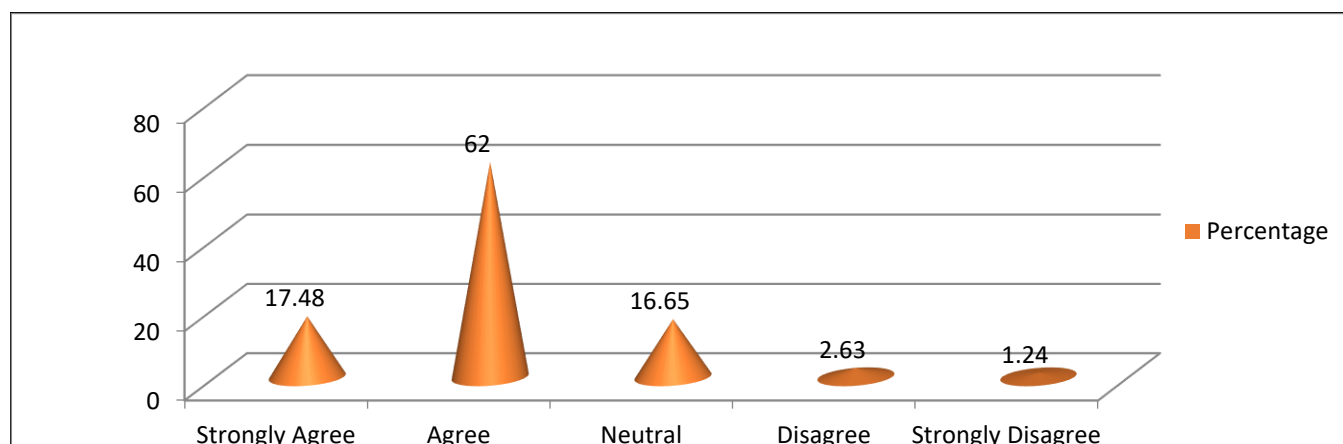


Fig 2. Percentage of responses on the basis that the entire syllabus is covered in the allotted time period.

Here, it is also observed that Weighted Mean Score of Question1 is 3.86 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between students that syllabus is covered in the allocated time period

Question No. 3. Recent advancements are regularly upgraded and added in the curriculum. (ਹਾਲੀਆ ਤਰੱਕੀਆਂ ਨੂੰ ਨਿਯਮਿਤ ਤੌਰ 'ਤੇ ਅੱਪਗ੍ਰੇਡ ਕੀਤਾ ਜਾਂਦਾ ਹੈ ਅਤੇ ਪਾਠਕ੍ਰਮ ਵਿੱਚ ਜੋੜਿਆ ਜਾਂਦਾ ਹੈ।)

Table 3: Responses on the basis that Recent advancements are regularly upgraded and added in the curriculum.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	127	442	122	24	6	721
Percentage	17.61	61.30	16.92	3.33	0.83	100
Weighted Score	635.00	1768.00	366.00	48.00	6.00	2823.00
Weighted Mean Score						3.91

Table 3. shows that out of 721 students surveyed. 127 i.e. 17.61% of students strongly agree that Recent advancements are regularly upgraded and added in the curriculum. 442 i.e. 61.30% of students agree for the same, 122 i.e. 16.92, students views are neutral, 24 i.e. 3.33% students are disagree and 6 i.e. 0.83% students are strongly disagree that Recent advancements are regularly upgraded and added in the curriculum.

The results Question 3 are presented below in the diagram as shown fig.3

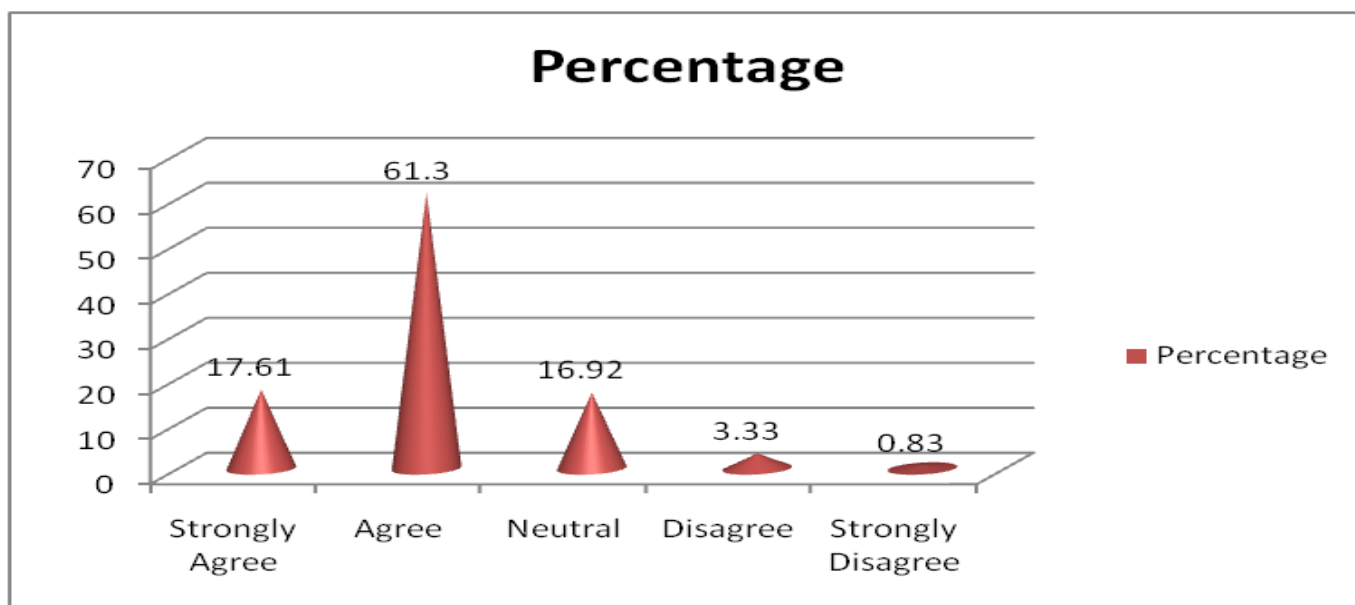


Fig 3. Percentage of responses on the basis that Recent advancements are regularly upgraded and added in the curriculum.

Here, it is also observed that Weighted Mean Score of Question3 is 3.91 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between students that Recent advancements are regularly upgraded and added in the curriculum.

Question No 4. The curriculum is helpful in enhancing your knowledge as well as skills and competency. (ਪਾਠਕ੍ਰਮ ਤੁਹਾਡੇ ਗਿਆਨ ਦੇ ਨਾਲ-ਨਾਲ ਹੁਨਰ ਅਤੇ ਯੋਗਤਾ ਨੂੰ ਵਧਾਉਣ ਲਈ ਸਹਾਇਕ ਹੈ।)

Table 4: Responses on the basis of that curriculum is helpful in enhancing your knowledge as well as skills and competency.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	105	462	132	19	3	721
Percentage	14.56	64.08	18.31	2.64	0.42	100
Weighted Score	525.00	1848.00	396.00	38.00	3.00	2810.00
Weighted Mean Score						3.89

Table 4. shows that out of 721 students surveyed. 105 i.e., 14.56% of students strongly agree that the curriculum is helpful in enhancing your knowledge as well as skills and competency. 462 i.e., 64.08% of students agree for the same, 132 i.e.,18.31, students' views are neutral, 19 i.e., 2.64% students are disagreeing and 3 i.e., 0.42% students are strongly disagreeing that the curriculum is helpful in enhancing your knowledge as well as skills and competency.

The results Question 4 are presented below in the diagram as shown fig.4

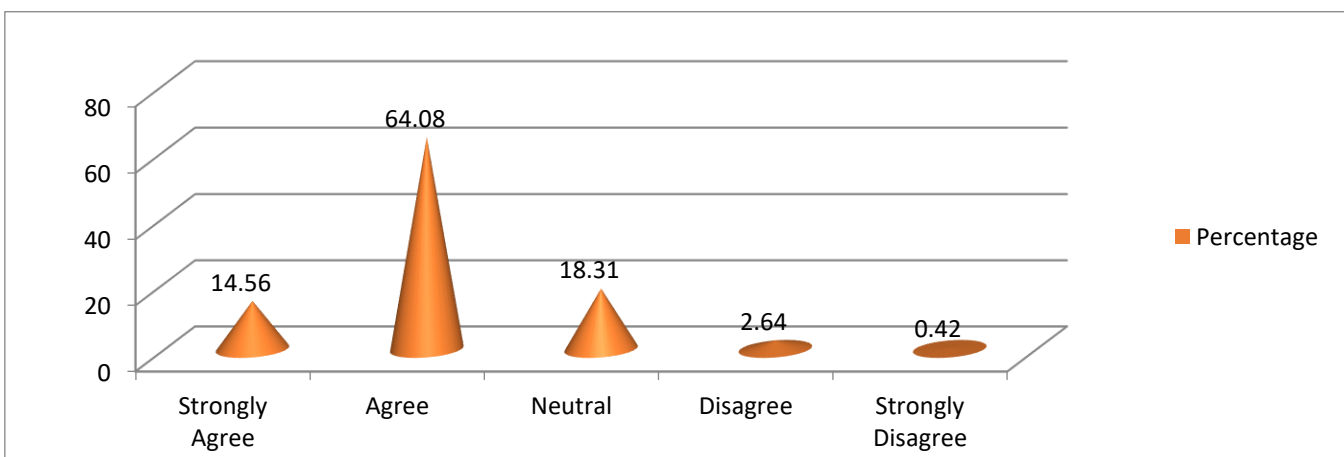


Fig 4. Percentage of responses on the basis that curriculum is helpful in enhancing your knowledge as well as skills and competency.

Here, it is also observed that Weighted Mean Score of Question 4 is 3.89 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between students that the curriculum is helpful in enhancing your knowledge as well as skills and competency.

Question No. 5 The curriculum gives adequate weightage to theory and applied knowledge.(ਪਾਠਕ੍ਰਮ ਸਿਧਾਂਤ ਅਤੇ ਉਪਯੁਕਤ ਗਿਆਨ ਨੂੰ ਢੁਕਵਾਂ ਵਜ਼ਨ ਦਿੰਦਾ ਹੈ।)

Table 5: Responses on the basis of that curriculum gives adequate weightage to theory and applied knowledge.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	130	450	118	19	4	721
Percentage	18.03	62.41	16.37	2.64	0.55	100
Weighted Score	650.00	1800.00	354.00	38.00	4.00	2846.00
Weighted Mean Score						3.94

Table 5. shows that out of 721 students surveyed. 130 i.e., 18.03% of students strongly agree that Responses on coverage of the curriculum gives adequate weightage to theory and applied knowledge. 450 i.e., 62.41% of students agree for the same, 118 i.e.,16.37% students' views are neutral, 19 i.e., 2.64% students are disagreeing and 4 i.e., 0.55% students are strongly disagreeing that Responses on coverage of the curriculum gives adequate weightage to theory and applied knowledge.

The results Question 5 are presented below in the diagram as shown fig.5

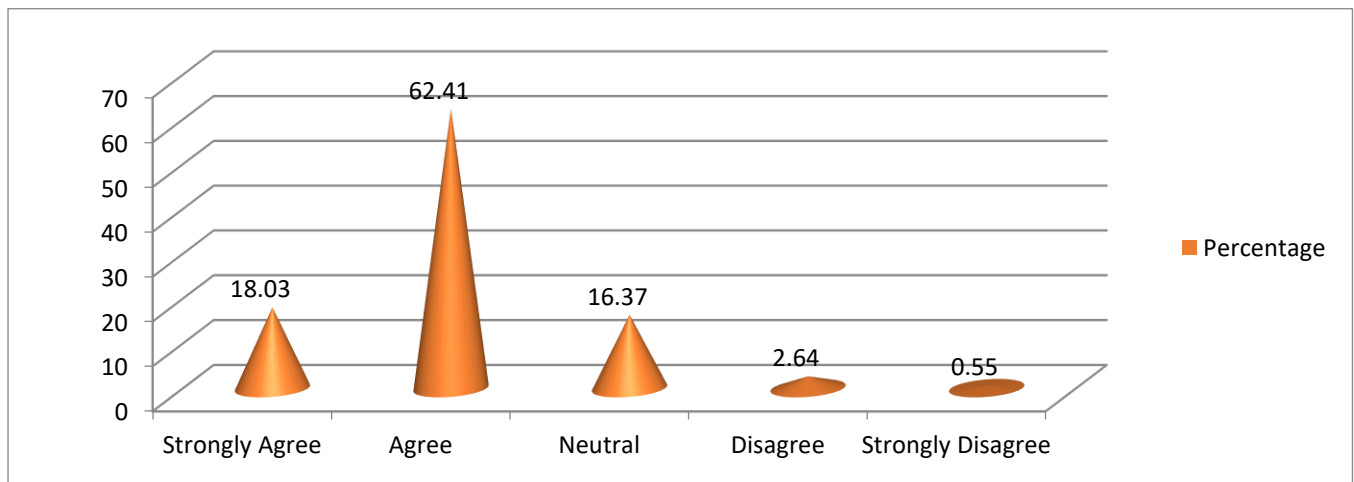


Fig 5. Percentage of responses on the basis that curriculum gives adequate weightage to theory and applied knowledge.

Here, it is also observed that Weighted Mean Score of Question 5 is 3.94 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between on coverage of the curriculum gives adequate weightage to theory and applied knowledge.

Question No. 6. The syllabus is structured to enhance the employability skills of the students.(ਸਿਲੇਬਸ ਦਾ ਢਾਂਚਾ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਰੁਜ਼ਗਾਰ ਯੋਗਤਾ ਨੂੰ ਵਧਾਉਣ ਲਈ ਬਣਾਇਆ ਗਿਆ ਹੈ।)

Table 6: Responses on the basis of that syllabus is structured to enhance the employability skills of the students.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	92	459	143	22	5	721
Percentage	12.76	63.66	19.83	3.05	0.69	100
Weighted Score	460.00	1836.00	429.00	44.00	5.00	2774.00
Weighted Mean Score						3.84

Table 6. shows that out of 721 students surveyed. 92 i.e., 12.76% of students strongly agree that Responses on. The syllabus is structured to enhance the employability skills of the students. 459 i.e., 63.66% of students agree for the same, 143 i.e.,19.83% students' views are neutral, 22 i.e., 3.05% students are disagreeing and 5 i.e., 0.69% students are strongly disagreeing that Responses on the syllabus is structured to enhance the employability skills of the students.

The results Question 6 are presented below in the diagram as shown fig.6

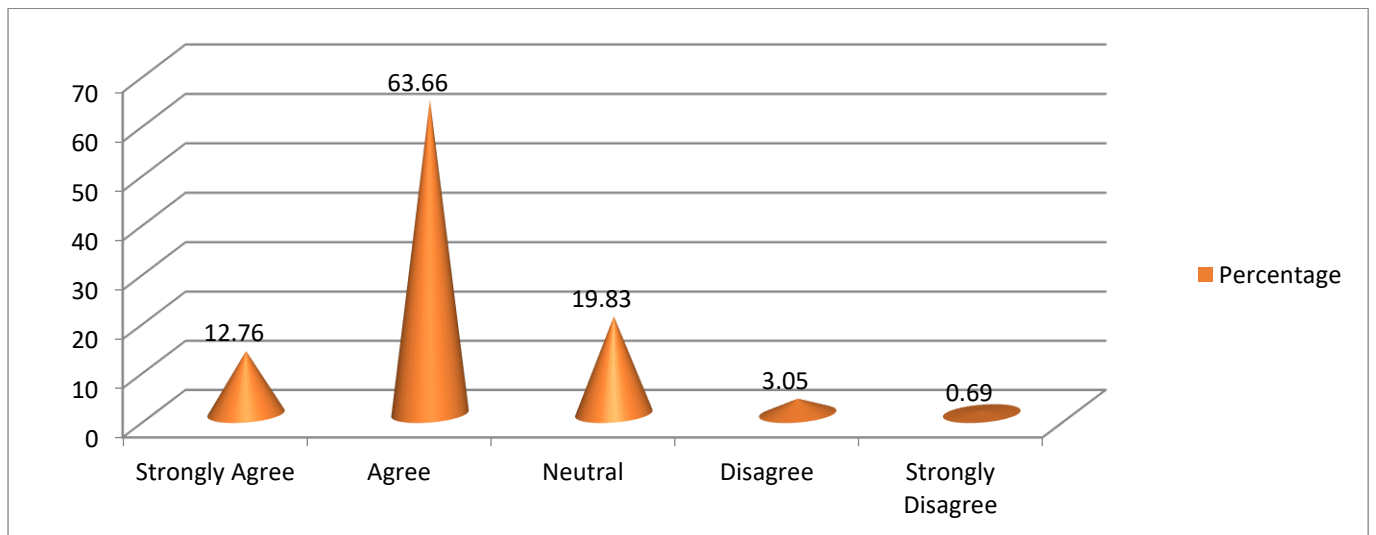


Fig 6. Percentage of responses on the basis of that syllabus is structured to enhance the employability skills of the students.

Here, it is also observed that Weighted Mean Score of Question 6 is 3.84 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between the syllabus is structured to enhance the employability skills of the students.

Question No. 7. College library has sufficient books and reference material to cover the topics of syllabus. (ਕਾਲਜ ਦੀ ਲਾਇਬ੍ਰੇਰੀ ਵਿੱਚ ਸਿਲੇਬਸ ਦੇ ਵਿਸ਼ਿਆਂ ਨੂੰ ਕਵਰ ਕਰਨ ਲਈ ਲੋੜੀਂਦੀਆਂ ਕਿਤਾਬਾਂ ਅਤੇ ਹਵਾਲਾ ਸਮੱਗਰੀ ਹੈ।)

Table 7: Responses on the basis of that College library has sufficient books and reference material to cover the topics of syllabus.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	109	450	138	17	7	721
Percentage	15.12	62.41	19.14	2.36	0.97	100
Weighted Score	545.00	1800.00	414.00	34.00	7.00	2800.00
Weighted Mean Score						3.88

Table 7. shows that out of 721 students surveyed. 109 i.e., 15.12% of students strongly agree that Responses on. College library has sufficient books and reference material to cover the topics of syllabus. 450 i.e., 62.41% of students agree for the same, 138 i.e.,19.14% students' views are neutral, 17 i.e., 2.36% students are disagreeing and 7 i.e., 0.97% students are strongly disagreeing that Responses on the College library has sufficient books and reference material to cover the topics of syllabus.

The results Question 7 are presented below in the diagram as shown fig.7

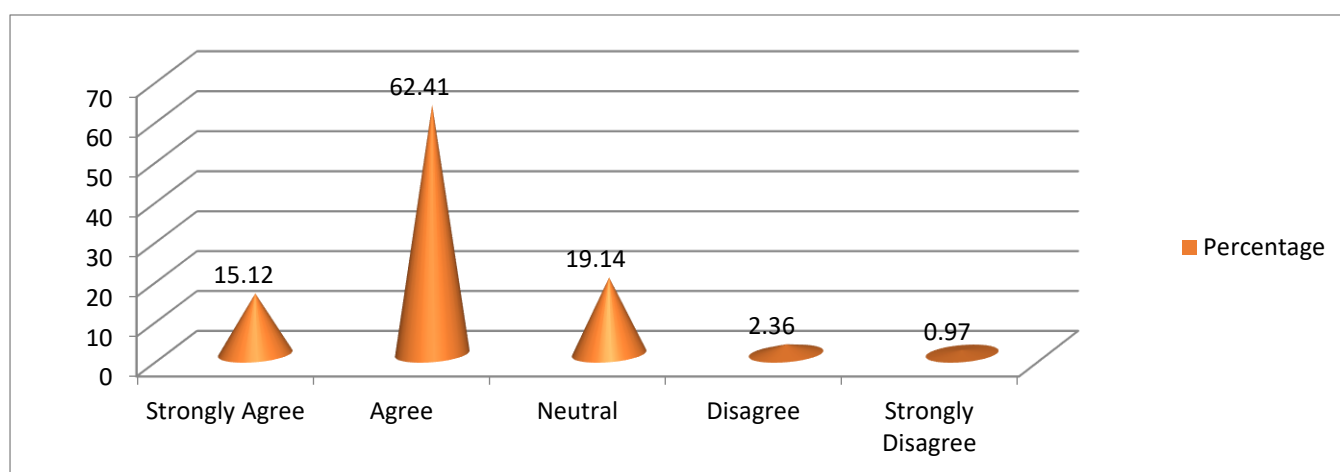


Fig 7. Percentage of responses on the basis of that College library has sufficient books and reference material to cover the topics of syllabus.

Here, it is also observed that Weighted Mean Score of Question 7. is 3.88 which lies between the Likert range for 'Agree' and hence it can be concluded that there is the College library has sufficient books and reference material to cover the topics of syllabus

Question No. 8. College library has adequate E- Based Resources . (ਕਾਲਜ ਦੀ ਲਾਇਬ੍ਰੇਰੀ ਵਿੱਚ ਲੋੜੀਂਦੇ ਈ-ਅਧਾਰਿਤ ਸਰੋਤ ਹਨ।)

Table 8: Responses on the basis of that College library has adequate E- Based Resources subject.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	122	453	124	18	4	721
Percentage	16.92	62.83	17.20	2.50	0.55	100
Weighted Score	610.00	1812.00	372.00	36.00	4.00	2834.00
Weighted Mean Score						3.93

Table 8. shows that out of 721 students surveyed. 122 i.e., 16.92% of students strongly agree that College library has adequate E- Based Resources. 453 i.e., 62.83% of students agree for the same, 124 i.e.,17.20% students' views are neutral, 18 i.e., 2.50% students are disagreeing and 4 i.e., 0.55% students are strongly disagreeing that Responses College library has adequate E- Based Resources.

The results Question 8 are presented below in the diagram as shown fig.8

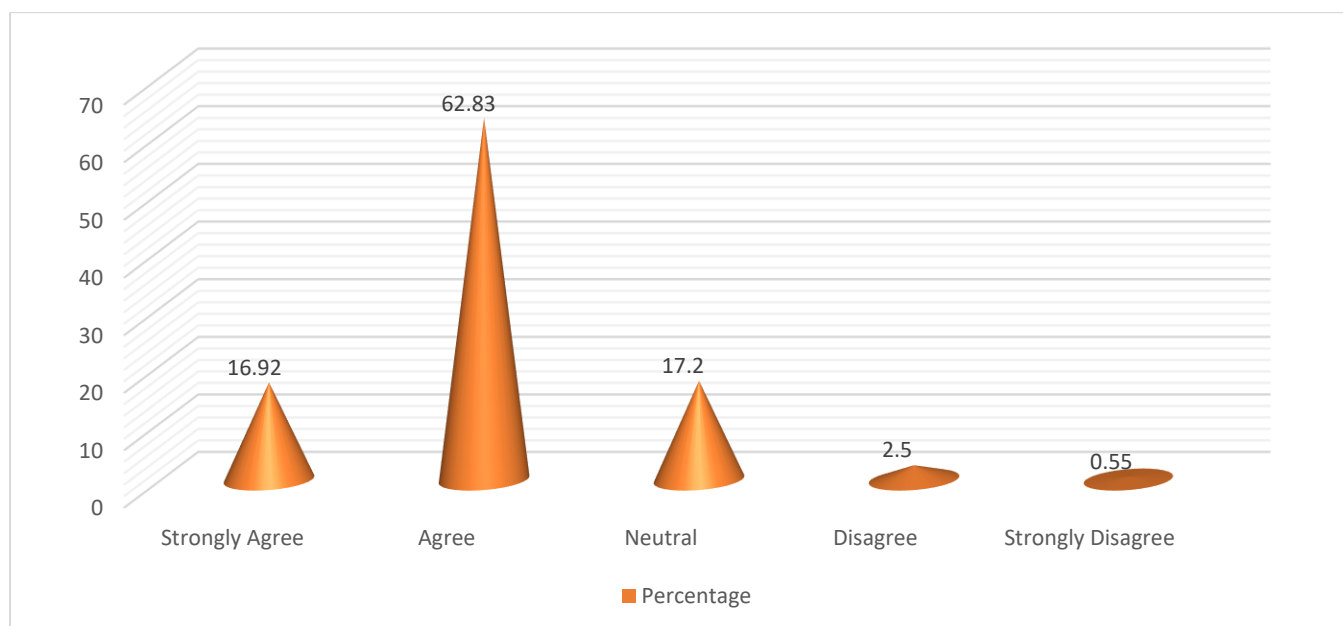


Fig 8. Percentage of responses on the basis of that College library has adequate E- Based Resources.

Here, it is also observed that Weighted Mean Score of Question 8. is 3.93 which lies between the Likert range for 'Agree' and hence it can be concluded that there is the College library has adequate E- Based Resources.

9. The institute has sufficient ICT facilities .(ਇੰਸਟੀਚਿਊਟ ਕੋਲ ਲੋੜੀਂਦੀਆਂ ਆਈ.ਸੀ.ਟੀ. ਸੁਵਿਧਾਵਾਂ ਹਨ।)

Table 9: Responses on the basis that institute has sufficient ICT facilities.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	136	443	124	15	3	721
Percentage	18.86	61.44	17.20	2.08	0.42	100
Weighted Score	680.00	1772.00	372.00	30.00	3.00	2857.00
Weighted Mean Score						3.96

Table 9. shows that out of 721 students surveyed. 136 i.e., 18.86% of students strongly agree that The institute has sufficient ICT facilities. 443 i.e., 61.44% of students agree for the same, 124 i.e.,17.20% students' views are neutral, 15 i.e., 2.08% students are disagreeing and 3 i.e., 0.42% students are strongly disagreeing that Responses on the institute has sufficient ICT facilities.

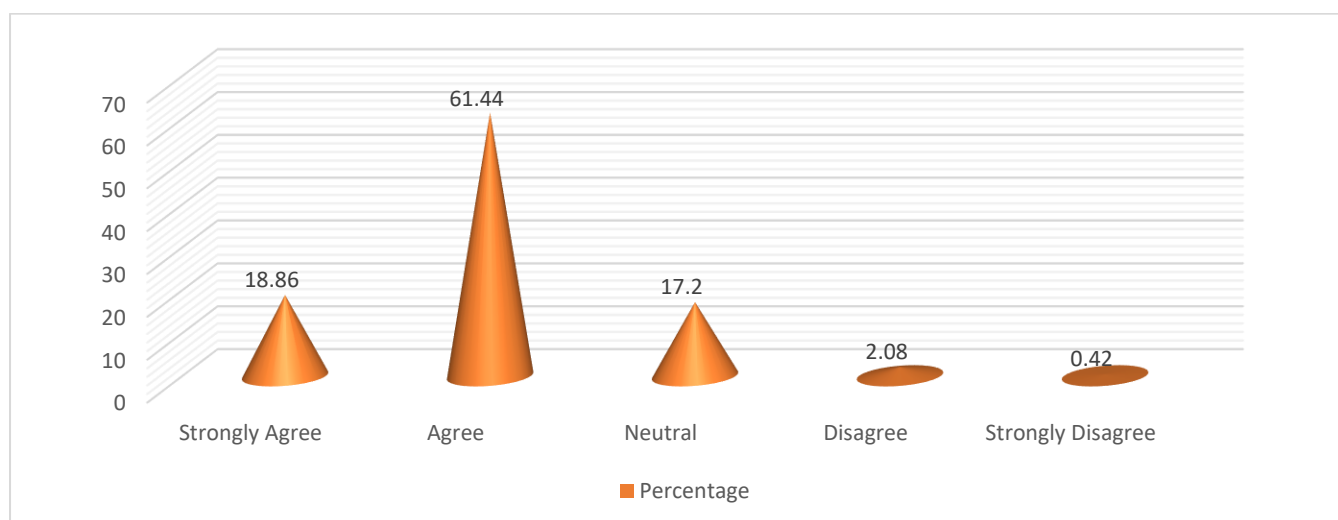


Fig 9. Percentage of responses on the basis that institute has sufficient ICT facilities.

Here, it is also observed that Weighted Mean Score of Question 9. is 3.96 which lies between the Likert range for 'Agree' and hence it can be concluded that the institute has sufficient ICT facilities

Question No. 10. Teachers encourage students to active participative learning.(ਅਧਿਆਪਕ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਸਰਗਰਮ ਭਾਗੀਦਾਰੀ ਵਾਲੀ ਸਿੱਖਿਆ ਲਈ ਉਤਸ਼ਾਹਿਤ ਕਰਦੇ ਹਨ।)

Table 10: Responses on the basis of that teachers encourage students to active participative learning.

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Students	98	456	150	14	3	721
Percentage	13.59	63.25	20.80	1.94	0.42	100
Weighted Score	490.00	1824.00	450.00	28.00	3.00	2795.00
Weighted Mean Score						3.87

Table 10. shows that out of 721 students surveyed. 98 i.e., 13.59% of students strongly agree that Teachers encourage students to active participative learning. 456 i.e., 63.25% of students agree for the same, 150 i.e.,20.80% students' views are neutral, 14 i.e., 1.94% students are disagreeing and 3 i.e., 0.42% students are strongly disagreeing that Responses Teachers encourage students to active participative learning.

The results Question 10 are presented below in the diagram as shown fig.10

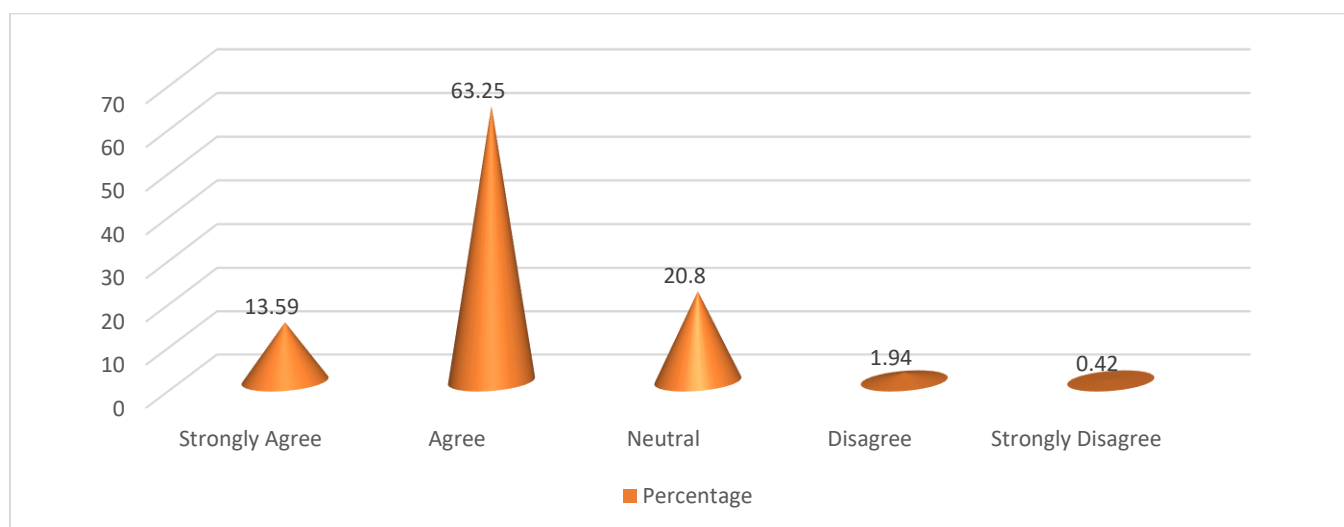


Fig 10. Percentage of responses on the basis of that teachers encourage students to active participative learning.

Here, it is also observed that Weighted Mean Score of Question 10. is 3.87 which lies between the Likert range for 'Agree' and hence it can be concluded that Teachers encourage students to active participative learning

Conclusion: -

Following table and diagram present Weighted Mean Score on various questions.

Table: - 11

S.no	Questions (1-10)	Weighted Mean Score
1	The curriculum covers the relevant topics for the assigned subject.	4.04
2	The entire syllabus is covered in the allotted time period.	3.86
3	Recent advancements are regularly upgraded and added in the curriculum.	3.91
4	The curriculum is helpful in enhancing your knowledge as well as skills and competency.	3.89
5	The curriculum gives adequate weightage to theory and applied knowledge.	3.94
6	The syllabus is structured to enhance the employability skills of the students.	3.84
7	College library has sufficient books and reference material to cover the topics of syllabus.	3.88
8	College library has adequate E- Based Resources .	3.93
9	The institute has sufficient ICT facilities .	3.96
10	Teachers encourage students to active participative learning.	3.87
Average of Weighted Mean Score		3.912

Fig:- 11

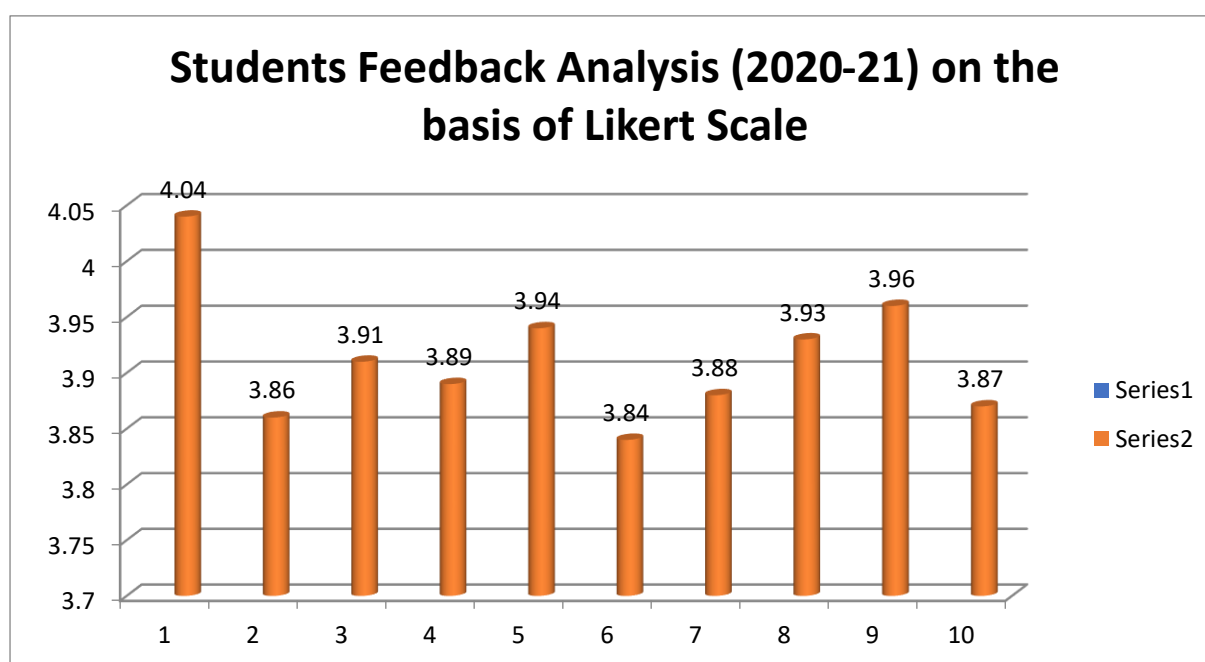


Fig 11. Weighted Mean Score