

## **Result of Analysis Teachers Feedback regarding curriculum and infrastructure (2019-20)**

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

### **Methodology**

Feedback from teachers 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)**

**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)**

**Range 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 teachers' responses on five points Likert Scale. Percentage of teachers' responses, weighted score and weighted mean score on each question

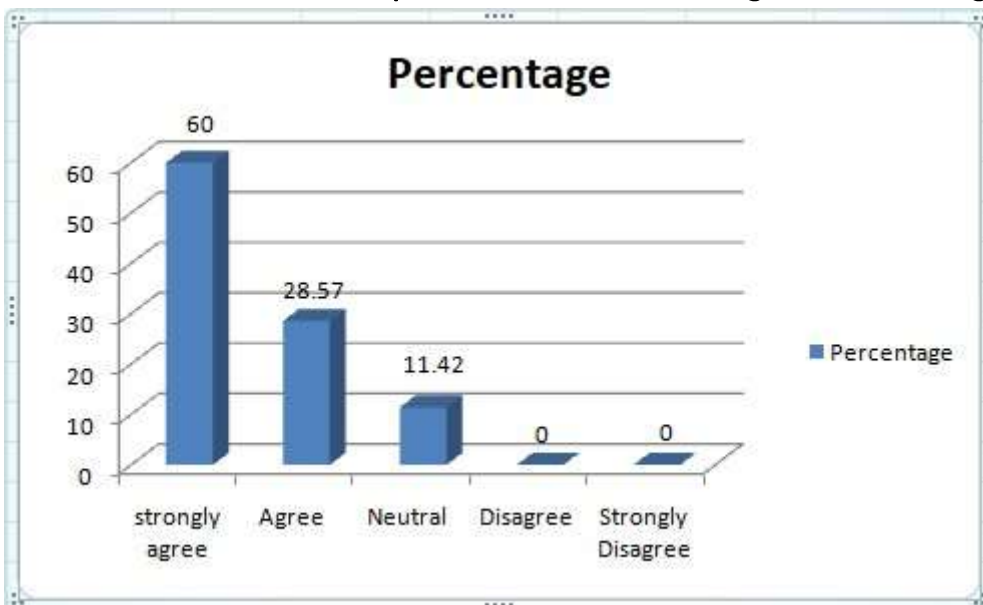
### Question No. (1) Structured/designed syllabus is adequate to enhance the knowledge and skills for employability.

**Table 1: Responses on basis that the Structured/designed syllabus is adequate to enhance the knowledge and skills for employability.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Teachers	5	62	05	0	0	72
Percentage	6.94	88.88	6.94	0	0	100
Weighted Score	25	248	15	0	0	288
Weighted Mean Score						4.00

Table 1.shows that out of 70 teachers surveyed. 42 i.e.60% of teachers strongly agree that theStructured/designed syllabus is adequate to enhance the knowledge and skills for employability, 20 i.e. 28.57% of teachers agree for the same,8 i.e.11.42%, teachers views are neutral. No teachers are disagreeing and strongly disagree that the Structured/designed syllabus is adequate to enhance the knowledge and skills for employability.

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



**Fig 1 .Percentage of responses on basis that the Structured/designed syllabus is adequate to enhance the knowledge and skills for employability.**

Here, it is also observed that Weighted Mean Score of Question1 is 4.48 which lies between the Likertrange of 3.4 to 4.2 i.e. range for 'Strongly Agree'. So, it can be concluded that there the agreement between teachers that the Structured/designed syllabus is adequate to enhance the knowledge and skills for employability.

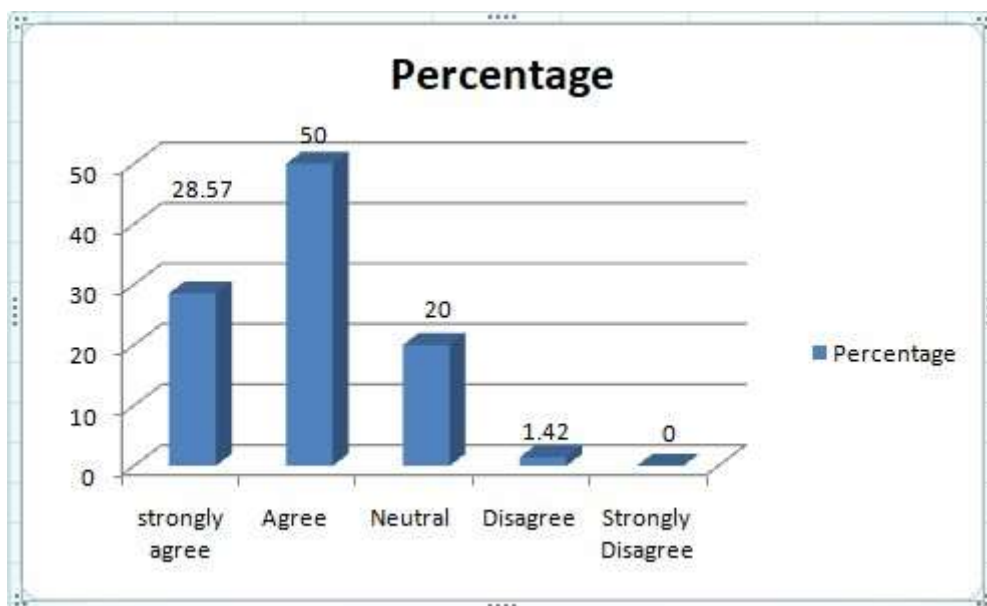
**Question No. (2) The designed curriculum is covered in allotted time period affectively.**

**Table 2: Responses on basis that the designed curriculum is covered in allotted time period affectively.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of teachers	6	60	0	06	0	72
Percentage	8.33	83.33	0	8.33	0	100
Weighted Score	30	240	0	12	0	282
Weighted Mean Score						3.91

Table 2.shows that out of 70 teachers surveyed. 20 i.e. 28.57% of teachers strongly agree that the designed curriculum is covered in allotted time period affectively.35 i.e. 50% of teachers agree for the same,14 i.e. 20% of teachers views are neutral, 1 i.e. 1.42% teachers are disagree and no teachers are strongly disagree that the designed curriculum is covered in allotted time period affectively.

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



**Fig 2. Percentage of responses on the basis that designed curriculum is covered in allotted time period affectively.**

Here, it is also observed that Weighted Mean Score of Question 2 is 4.05 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between teachers that the designed curriculum is covered in allotted time period affectively.

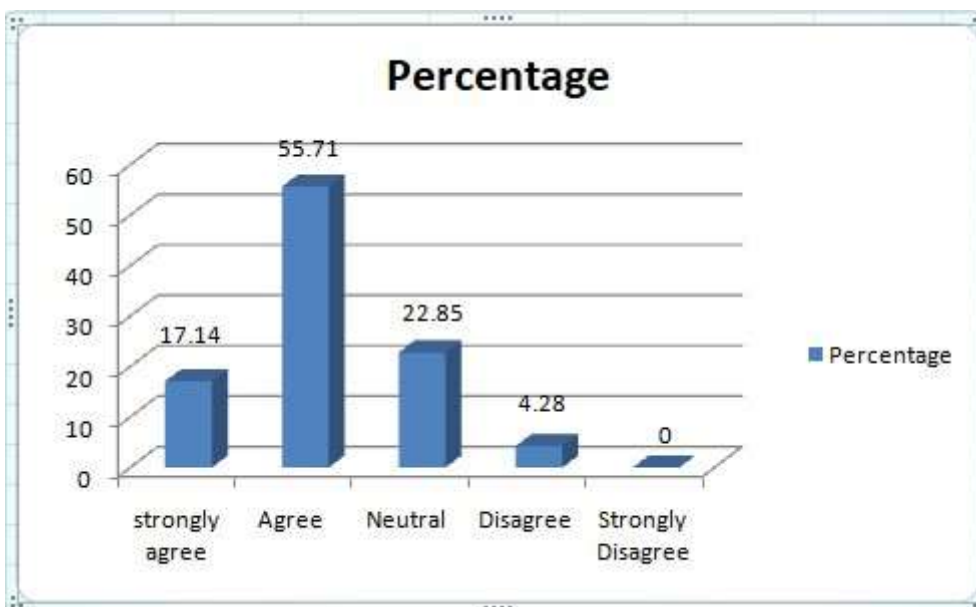
**Question no 3.The syllabus is adequate to fill the gap between academics and industrial requirements in the current global scenario.**

**Table 3: Responses on the basis that the syllabus is adequate to fill the gap between academics and industrial requirements in the current global scenario.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Teachers	0	50	02	20	0	72
Percentage	0	69.44	2.77	27.77	0	100
Weighted Score	0	200	06	40	0	246
Weighted Mean Score						3.42

Table 3.shows that out of 70teachers surveyed. 12 i.e. 17.14% of teachers strongly agree thatthe syllabus is adequate to fill the gap between academics and industrial requirements in the current global scenario. 39 i.e. 55.71% of teachers agree for the same, 16 i.e.22.85%teachers views are neutral, 3 i.e. 4.28% teachers are disagree and no teachers are strongly disagree that the syllabus is adequate to fill the gap between academics and industrial requirements in the current global scenario.

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



**Fig 3.Percentage of responses on the basis that the syllabus is adequate to fill the gap between academics and industrial requirements in the current global scenario.**

Here, it is also observed that Weighted Mean Score of Question3 is 3.85 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between teachers that the syllabus is adequate to fill the gap between academics and industrial requirements in the current global scenario.

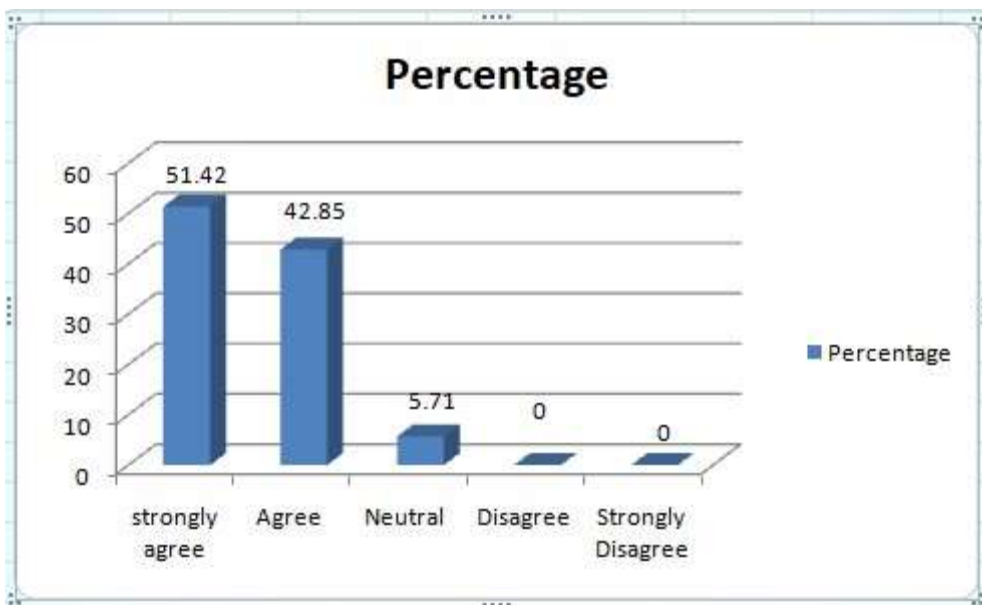
**Question No 4. The Curriculum is regularly upgraded and added in the curriculum.**

**Table 4: Responses on the basis of that curriculum is regularly upgraded and added in the curriculum.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Teachers	70	02	0	0	0	72
Percentage	97.22	2.77	0	0	0	100
Weighted Score	350	08	0	0	0	358
Weighted Mean Score						4.97

Table 4. shows that out of 70 teachers surveyed. 36 i.e., 51.42% of teachers strongly agree that the curriculum is regularly upgraded and added in the curriculum. 30 i.e., 42.85% of teachers agree for the same, 4 i.e., 5.71, teachers' views are neutral, no teachers are disagreeing and strongly disagreeing that the curriculum is regularly upgraded and added in the curriculum.

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



**Fig 4. Percentage of responses on the basis that curriculum is regularly upgraded and added in the curriculum.**

Here, it is also observed that Weighted Mean Score of Question 4 is 4.45 which lies between the Likert range for 'Strongly Agree' and hence it can be concluded that there the agreement between teachers that the curriculum is helpful regularly upgraded and added in the curriculum.

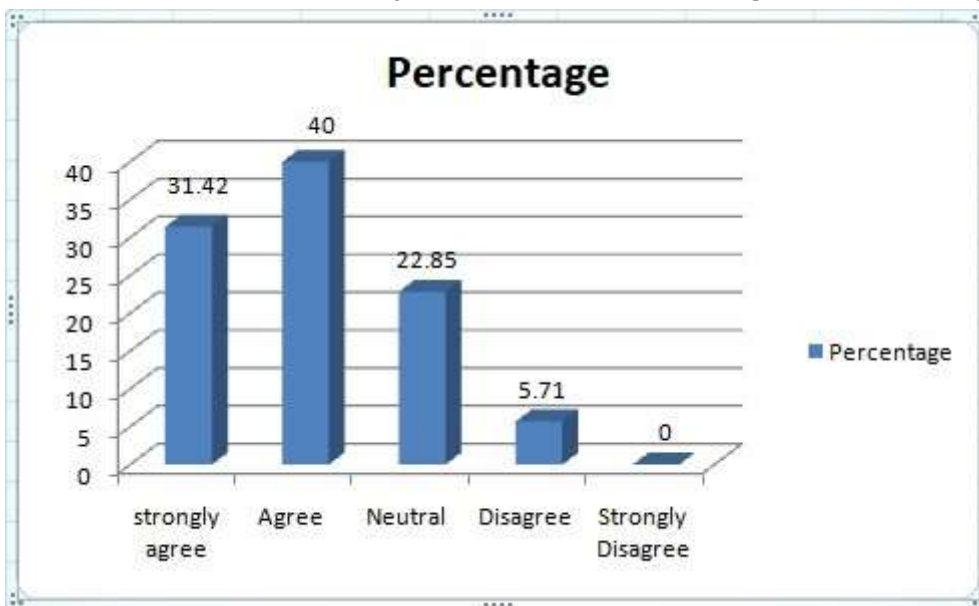
**Question No 5-College library has sufficient books and reference material to cover the topics of syllabus.**

**Table 5: Responses on the basis of that College library has sufficient books and reference material to cover the topics of syllabus.**

	<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 Teachers</b>	10	40	0	20	02	72
<b>Percentage</b>	13.88	55.5	0	27.7	2.77	100
<b>Weighted Score</b>	50	160	0	40	02	252
<b>Weighted Mean Score</b>						3.50

Table 5.shows that out of 70teachers surveyed. 22 i.e., 31.42% of teachers strongly agree that Responses on coverage ofCollege library has sufficient books and reference material to cover the topics of syllabus. 28 i.e., 40% of teachers agree for the same, 16 i.e.,22.85% teachers' views are neutral, 4 i.e., 5.71% teachers are disagreeing and no teachers are strongly disagreeing that Responses on coverage of theCollege library has sufficient books and reference material to cover the topics of syllabus.

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



**Fig 5.Percentage of responses on the basis 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 5 is 3.97 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between teachers on that the College library has sufficient books and reference material to cover the topics of syllabus.

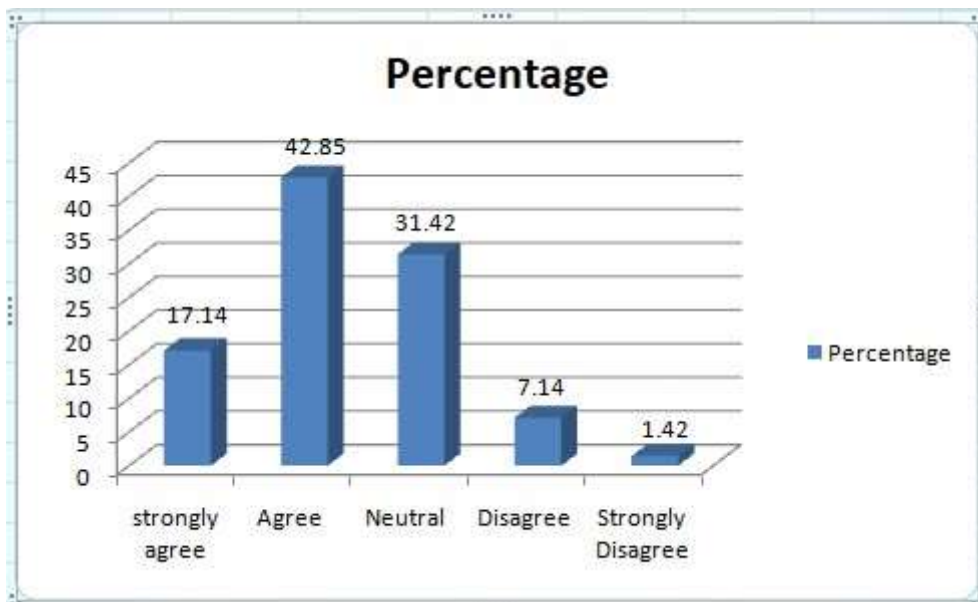
**Question No-6 Institution has sufficient ICT facilities.**

**Table 6: Responses on the basis that the Institution has sufficient ICT facilities.**

	<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 Teachers</b>	02	60	10	0	0	72
<b>Percentage</b>	2.77	69.44	13.88	0	0	100
<b>Weighted Score</b>	10	240	30	0	0	286
<b>Weighted Mean Score</b>						3.97

Table 6 shows that out of 70 teachers surveyed. 12 i.e., 17.14% of teachers strongly agree that Responses on basis that the Institution has sufficient ICT facilities. 30 i.e., 42.85% of teachers agree for the same, 22 i.e., 31.42% teachers' views are neutral, 5 i.e., 7.14% teachers are disagreeing and 1 i.e., 1.42% teachers are strongly disagreeing that Responses on the Institution has sufficient ICT facilities.

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



**Fig 6. Percentage of responses on the basis of that Institution has sufficient ICT facilities.**

Here, it is also observed that Weighted Mean Score of Question 6 is 3.67 which lies between the Likert range for 'Agree' and hence it can be concluded that there the agreement between teachers that the Institution has sufficient ICT facilities.

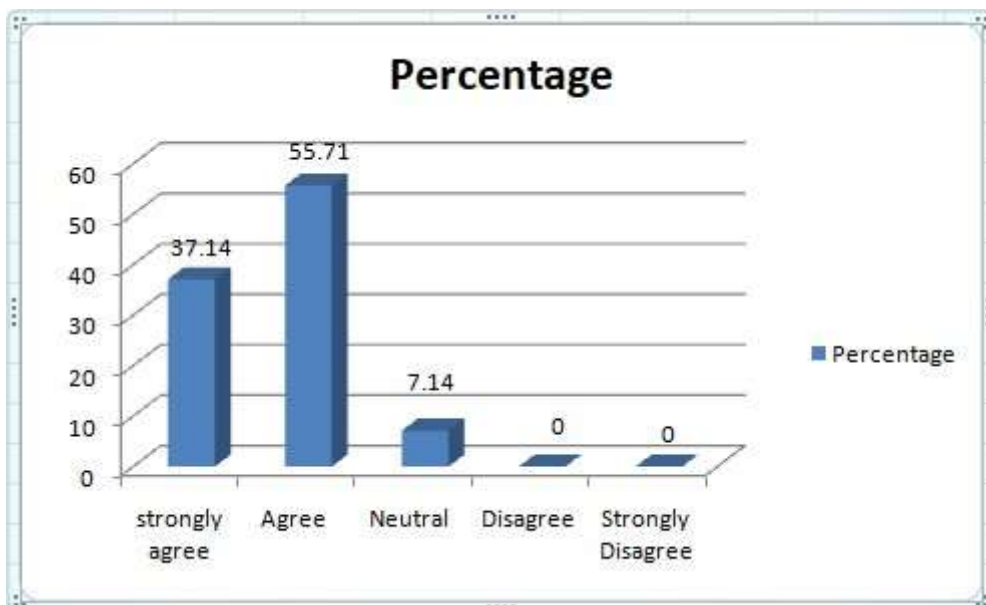
**Question No-7. The syllabus is structured to explicate teaching goals and learning.**

**Table 7: Responses on the basis of that the syllabus is structured to explicate teaching goals and learning.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Teachers	10	50	12	0	0	72
Percentage	13.88	69.44	16.66	0	0	100
Weighted Score	50	200	36	0	0	286
Weighted Mean Score						3.97

Table 7 shows that out of 70 teachers surveyed. 26 i.e., 37.14% of teachers strongly agree that the Responses on that the syllabus is structured to explicate teaching goals and learning. 39 i.e., 55.71% of teachers agree for the same, 5 i.e., 7.14% teachers' views are neutral, no teachers are disagreeing and strongly disagreeing that Responses on the The syllabus is structured to explicate teaching goals and learning.

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



**Fig 7. Percentage of responses on the basis of that the syllabus is structured to explicate teaching goals and learning.**



Here, it is also observed that Weighted Mean Score of Question 7. is 4.30 which lies between the Likert range for 'Strongly Agree' and hence it can be concluded that there is the syllabus is structured to explicate teaching goals and learning.

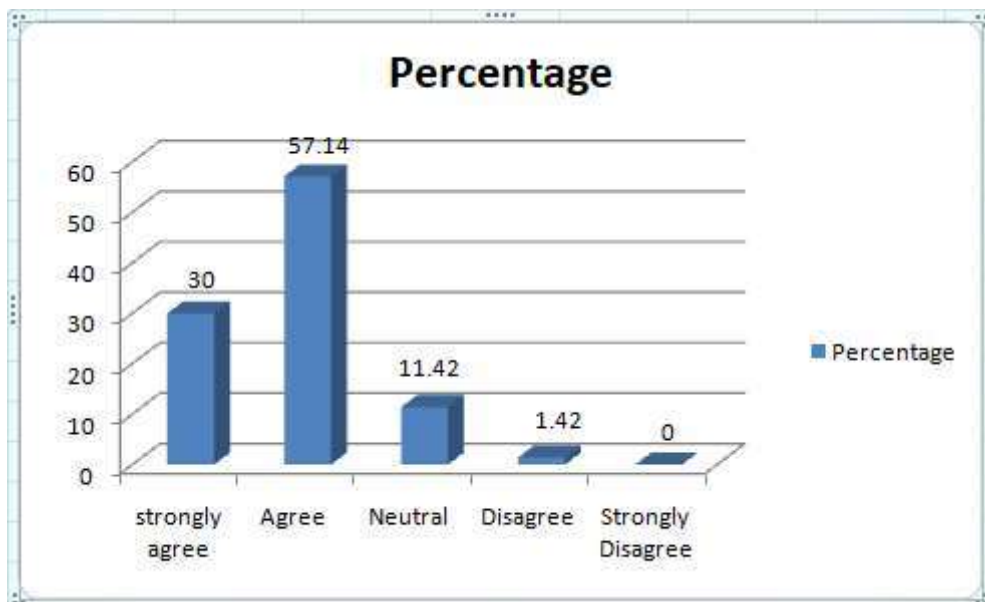
**Question No-8 College Environment is very conducive for learning and teaching.**

**Table 8: Responses on the basis of that College Environment is very conducive for learning and teaching.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Teachers	20	50	02	0	0	72
Percentage	27.77	69.44	2.77	0	0	100
Weighted Score	100	200	06	0	0	306
Weighted Mean Score						4.25

Table 8 shows that out of 70 teachers surveyed. 21 i.e., 30% of teachers strongly agree that College Environment is very conducive for learning and teaching. 40 i.e., 57.14% of teachers agree for the same, 8 i.e., 11.42% teachers' views are neutral, 1 i.e., 1.42% teachers are disagreeing and no teachers are strongly disagreeing that the College Environment is very conducive for learning and teaching.

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



**Fig 8. Percentage of responses on the basis of that the College Environment is very conducive for learning and teaching.**

Here, it is also observed that Weighted Mean Score of Question 8. is 4.15 which lies between the Likert range for 'Agree' and hence it can be concluded that there is the College Environment is very conducive for learning and teaching.

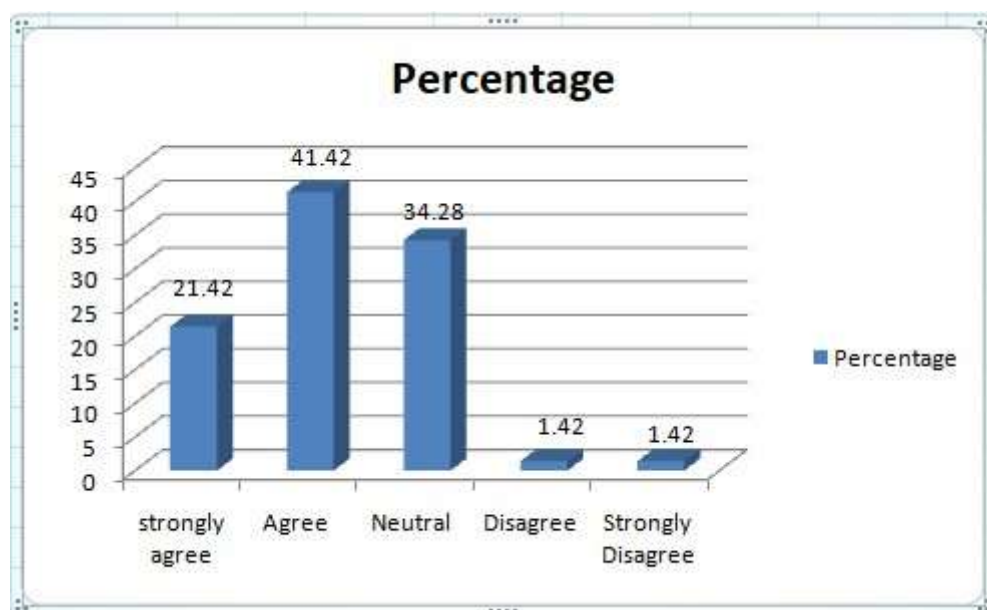
**Question No-9 Infrastructure of college laboratories/grounds is very supportive for practical learning.**

**Table 9: Responses on the basis that the Infrastructure of college laboratories/grounds is very supportive for practical learning.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Teachers	10	60	02	0	0	72
Percentage	13.88	83.33	2.77	0	0	100
Weighted Score	50	240	06	0	0	296
Weighted Mean Score						4.11

Table 9.shows that out of 70teachers surveyed. 15 i.e., 21.42% of teachers strongly agree thatthe Infrastructure of college laboratories/grounds is very supportive for practical learning.29 i.e., 41.42% of teachers agree for the same, 24 i.e., 34.28% teachers' views are neutral, 1 i.e., 1.42% teachers are disagreeing and 1 i.e., 1.42% teachers are strongly disagreeing that Responses on that the Infrastructure of college laboratories/grounds is very supportive for practical learning.

The results of Question 8 are presented below in the diagram as shown fig.9



**Fig 9. Percentage of responses on the basis Infrastructure of college laboratories/grounds is very supportive for practical learning.**

Here, it is also observed that Weighted Mean Score of Question 9. is 3.8 which lies between the Likert range for 'Agree' and hence it can be concluded that the Infrastructure of college laboratories/grounds is very supportive for practical learning.

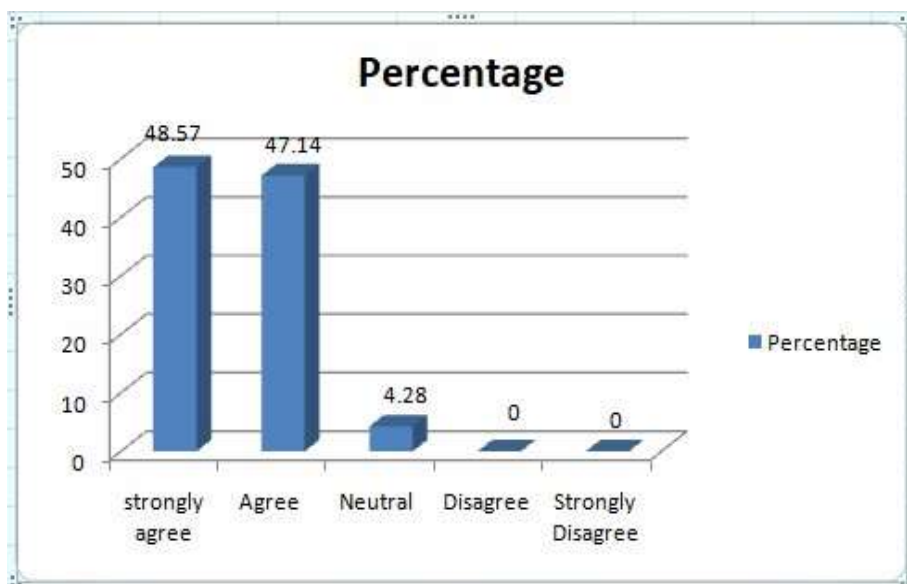
**Question No-10. I enjoy my teaching.**

**Table 10: Responses on the basis of that the teachers enjoy their teaching.**

	Strongly Agree 5	Agree 4	Neutral 3	Disagree 2	Strongly Disagree 1	Total
Number of Teachers	0	72	0	0	0	72
Percentage	0	1.00	0	0	0	100
Weighted Score	0	288	0	0	0	288
Weighted Mean Score						4.00

Table 10. shows that out of 70 teachers surveyed. 34 i.e., 48.57% of teachers strongly agree that they enjoy their teaching. 33 i.e., 47.14% of teachers agree for the same, 3 i.e., 4.28% teachers' views are neutral, no teachers are disagreeing and strongly disagreeing that they enjoy their teaching.

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



**Fig 10. Percentage of responses on the basis of that teachers enjoy their teaching.**

Here, it is also observed that Weighted Mean Score of Question 10. is 4.42 which lies between the Likert range for 'Strongly Agree' and hence it can be concluded that teachers enjoy their teaching.

**Conclusion: -**

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

**Table11**

<b>S.no</b>	<b>Questions (1-10)</b>	<b>Weighted Mean Score</b>
1	Structured/designed syllabus is adequate to enhance the knowledge and skills for employability.	4.00
2	The designed curriculum is covered in allotted time period affectively.	3.91
3	The syllabus is adequate to fill the gap between academics and industrial requirements in the current global scenario.	3.42
4	The Curriculum is regularly upgraded and added in the curriculum.	4.97
5	College library has sufficient books and reference material to cover the topics of syllabus.	3.50
6	Institution has sufficient ICT facilities.	3.88
7	The syllabus is structured to explicate teaching goals and learning.	3.97
8	College Environment is very conducive for learning and teaching.	4.25
9	Infrastructure of college laboratories/grounds is very supportive for practical learning.	4.11
10	I enjoy my teaching.	4.00
<b>Average of Weighted Mean Score</b>		<b>4.116</b>

## Weighted Mean Score

