Stakeholders' Feedback Analysis & Action Taken Report (2021-22)

(Students, Teachers, Employers, and Alumni)

By

Internal Quality Assurance Cell

Government Science College, Gandhinagar

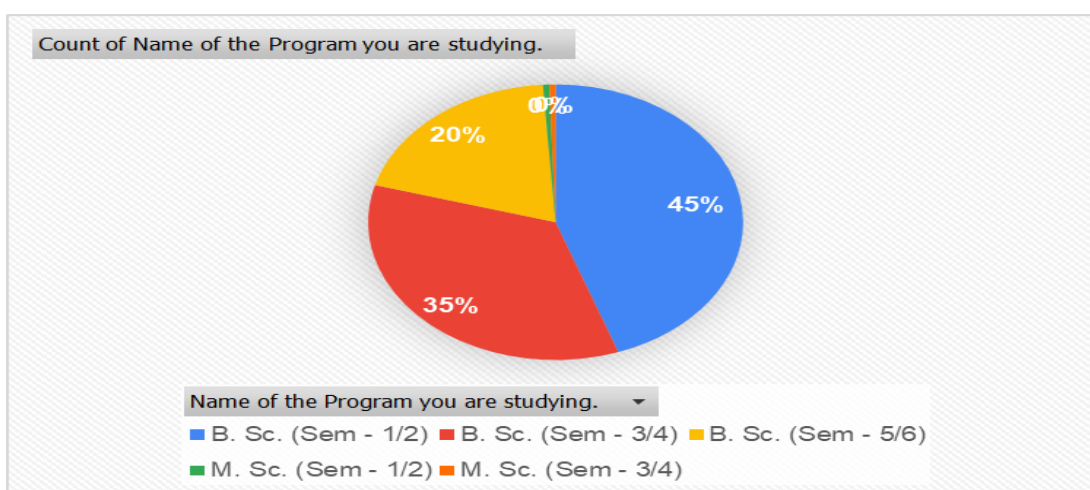### Sector – 15, G – Road, Near Mahatma Mandir, Gandhinagar – 382016
Gujarat

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Feedback analysis of Students

1. Name of the program you are studying.

Name of the Program you are studying.	Count
B. Sc. (Sem - 1/2)	82
B. Sc. (Sem - 3/4)	64
B. Sc. (Sem - 5/6)	36
M. Sc. (Sem - 1/2)	1
M. Sc. (Sem - 3/4)	1
Grand Total	**184**

2. Name of the Course you are studying.

Name of the Course you are studying.	Count
Botany	11
Chemistry	86
Mathematics	7
Microbiology	53
Physics	4
Zoology	23
Grand Total	**184**
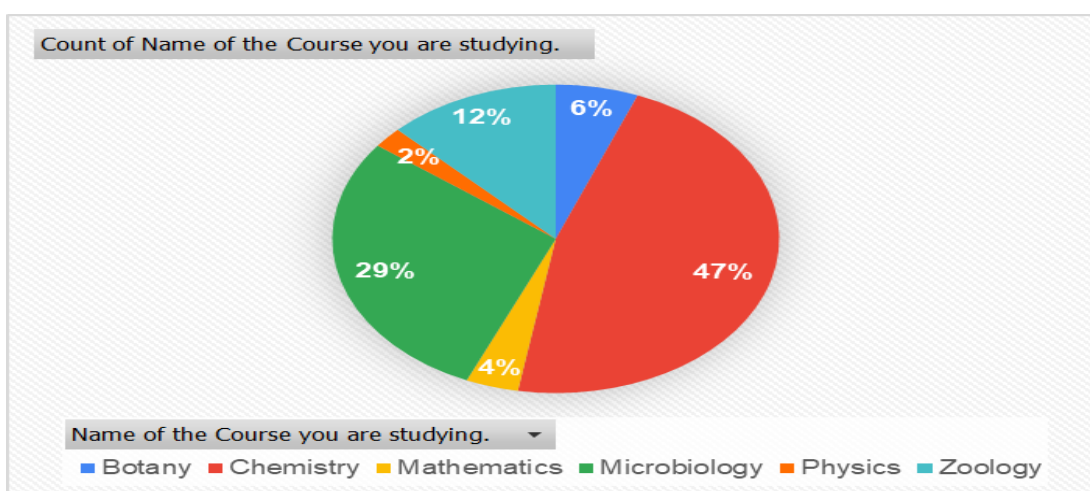
3. Curriculum is having good depth of concepts.

| Curriculum is having good depth of concepts	Count
Strongly agree	63
Agree	64
Neutral	27
Disagree	4
Strongly disagree	26
Grand Total	**184**
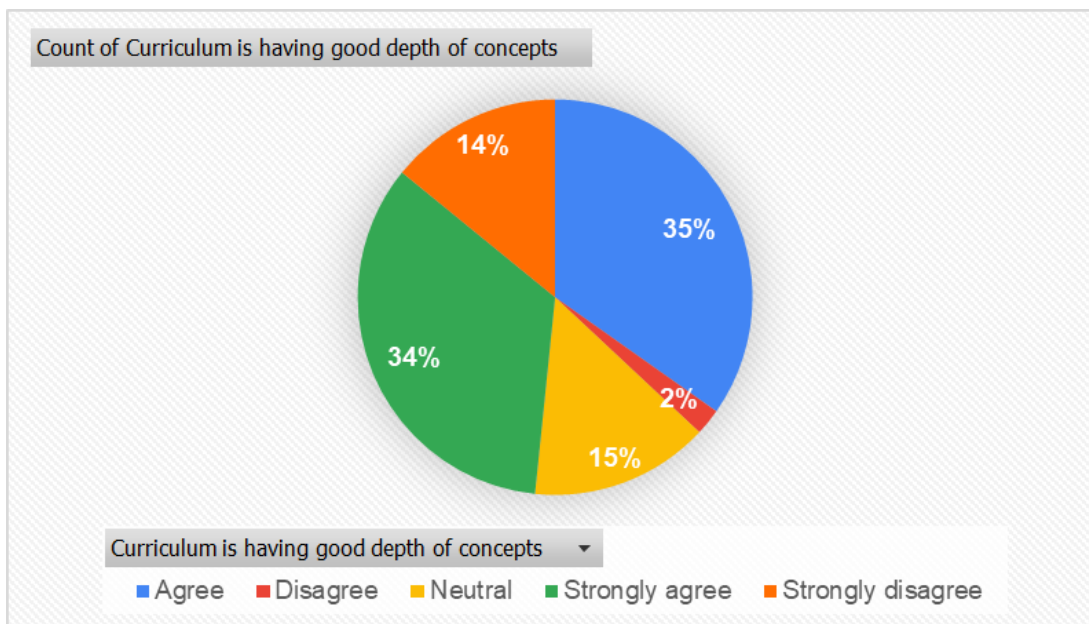
4. Extent of coverage and time allotted for each course is sufficient.

Extent of coverage and time allotted for each course is sufficient	Count
Strongly agree	59
Agree	69
Neutral	21
Disagree	9
Strongly disagree	26
Grand Total	**184**
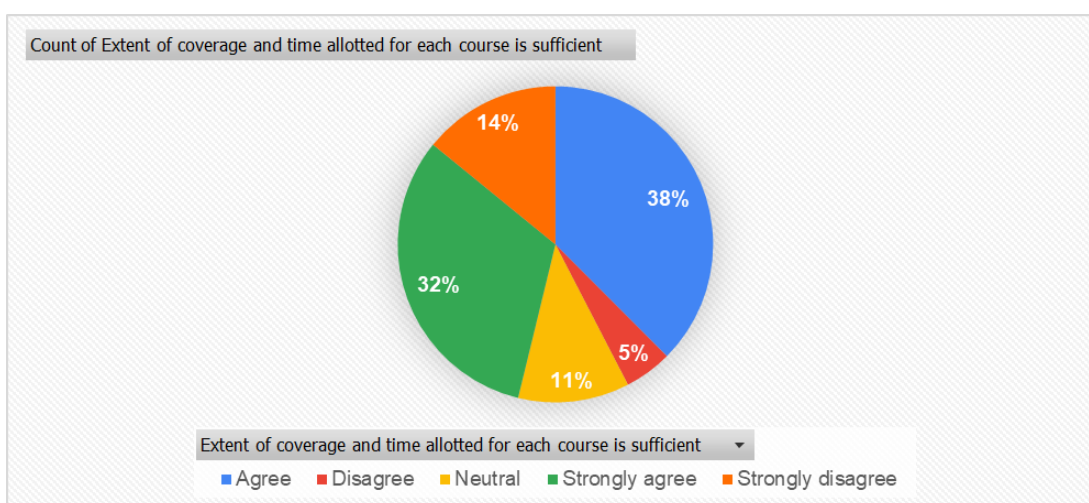
5. There is proper balance of theory and practical in curriculum.

There is proper balance of theory and practical in curriculum	Count
Strongly agree	64
Agree	64
Neutral	30
Disagree	1
Strongly disagree	25
Grand Total	**184**

Count of There is proper balance of theory and practical in curriculum

There is proper balance of theory and practical in curriculum

Agree   Disagree   Neutral   Strongly agree   Strongly disagree
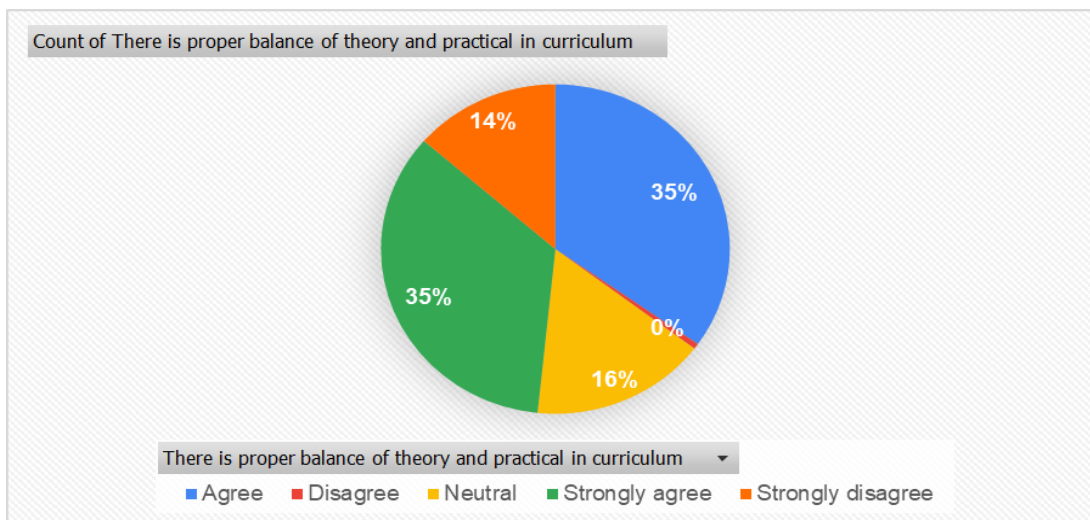
6. Curriculum is skill based.

Curriculum is skill based	Count
Strongly agree	64
Agree	64
Neutral	27
Disagree	5
Strongly disagree	24
Grand Total	**184**

Count of Curriculum is skill based

Curriculum is skill based
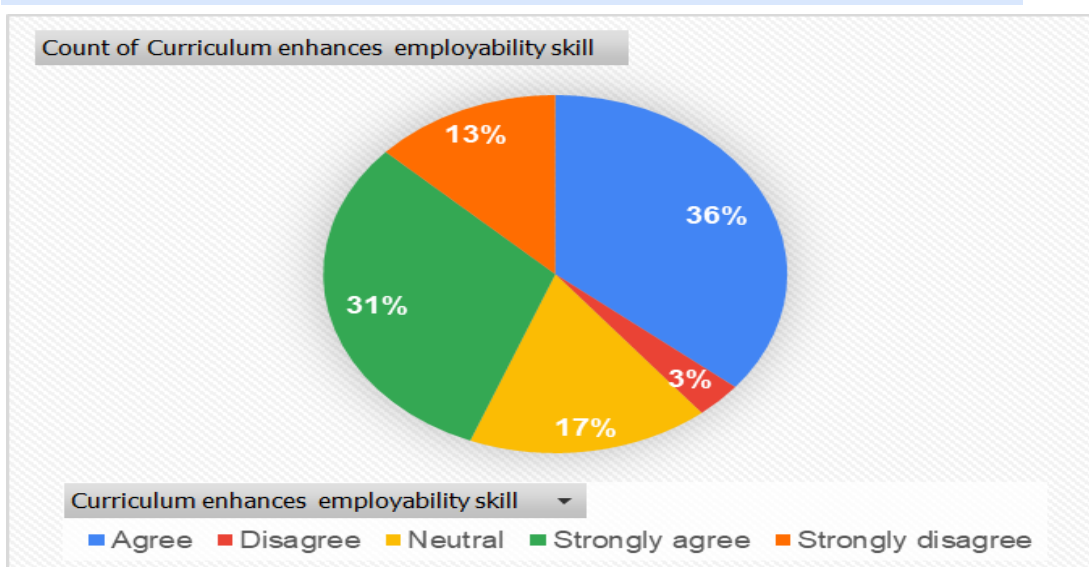
Agree   Disagree   Neutral   Strongly agree   Strongly disagree
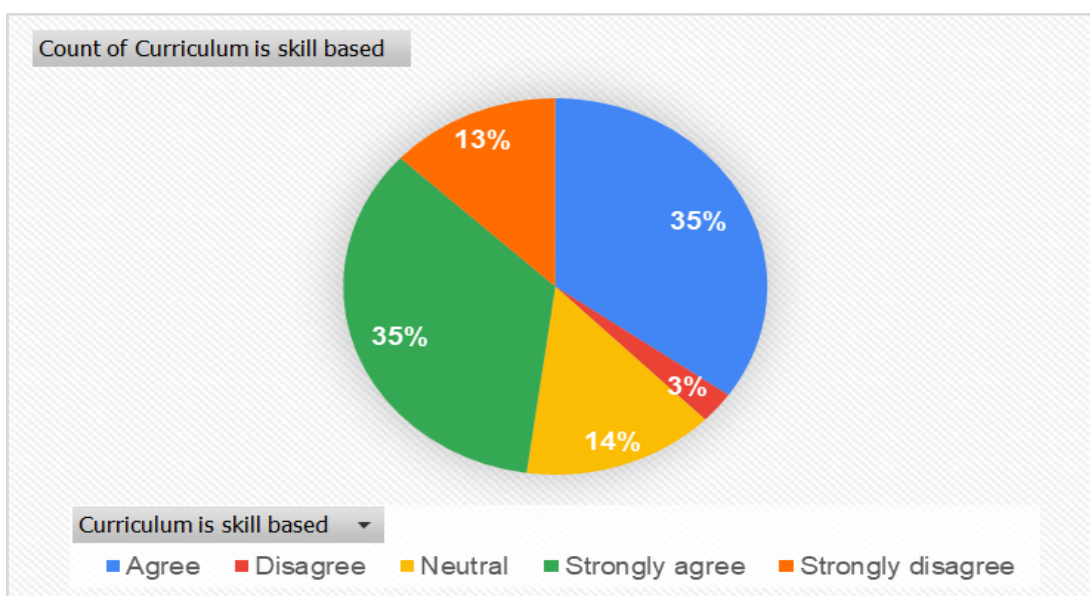
7. Curriculum encourages for learning of additional information.

Curriculum encourages for learning of additional information	Count
Strongly agree	64
Agree	67
Neutral	26
Disagree	4
Strongly disagree	23
Grand Total	**184**

Count of Curriculum encourages for learning of additional information

13%
36%
35%
2%
14%

Curriculum encourages for learning of additional information ▼

■ Agree ■ Disagree ■ Neutral ■ Strongly agree ■ Strongly disagree
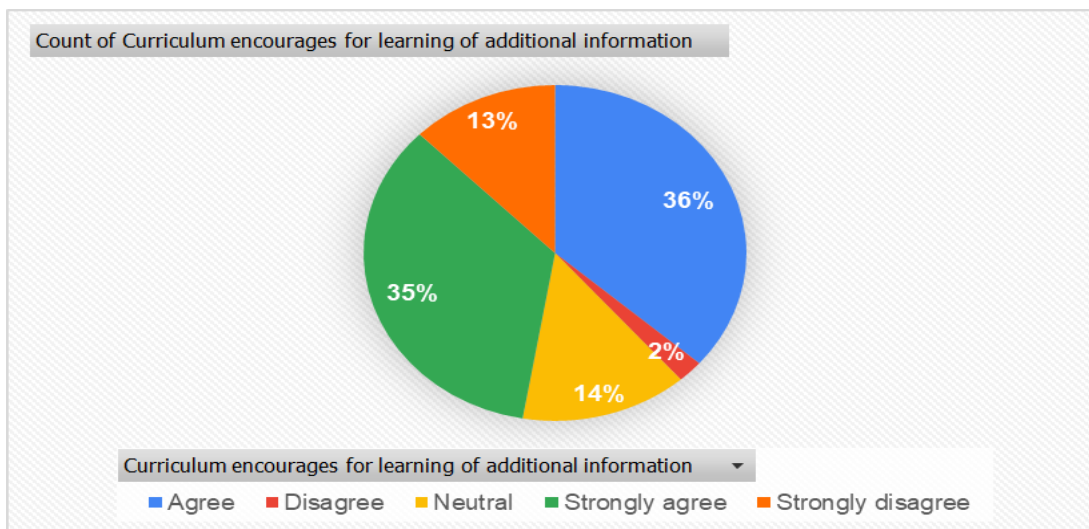
8. Curriculum enhances employability skill.

Curriculum enhances employability skill	Count
Strongly agree	57
Agree	66
Neutral	31
Disagree	6
Strongly disagree	24
Grand Total	**184**

Count of Curriculum enhances employability skill

13%
36%
31%
3%
17%

Curriculum enhances employability skill ▼

■ Agree ■ Disagree ■ Neutral ■ Strongly agree ■ Strongly disagree

9. Curriculum encourages for entrepreneurship.

Curriculum encourages for entrepreneurship	Count
Strongly agree	62
Agree	62
Neutral	27
Disagree	11
Strongly disagree	22
Grand Total	**184**

Count of Curriculum encourage for entrepreneurship
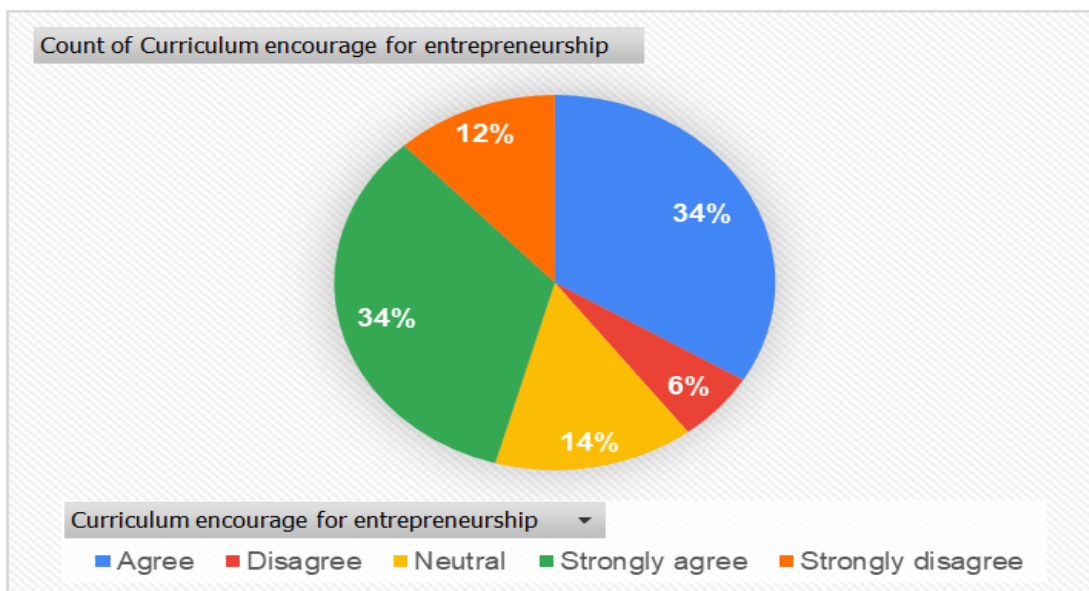
10. Curriculum is effective in innovative thinking.

Curriculum is effective in innovative thinking	Count
Strongly agree	62
Agree	68
Neutral	25
Disagree	8
Strongly disagree	21
Grand Total	**184**

Count of Curriculum is effective in innovative thinking
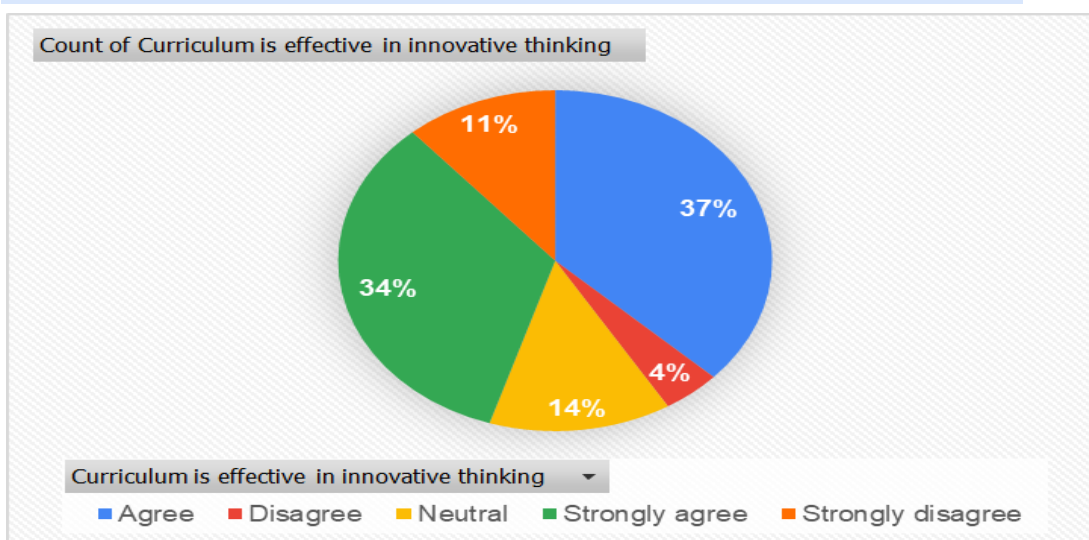
11. Curriculum meet industrial orientation.

Curriculum is effective in innovative thinking	Count
Strongly agree	55
Agree	62
Neutral	36
Disagree	9
Strongly disagree	22
Grand Total	**184**

Count of Curriculum meet industrial orientation
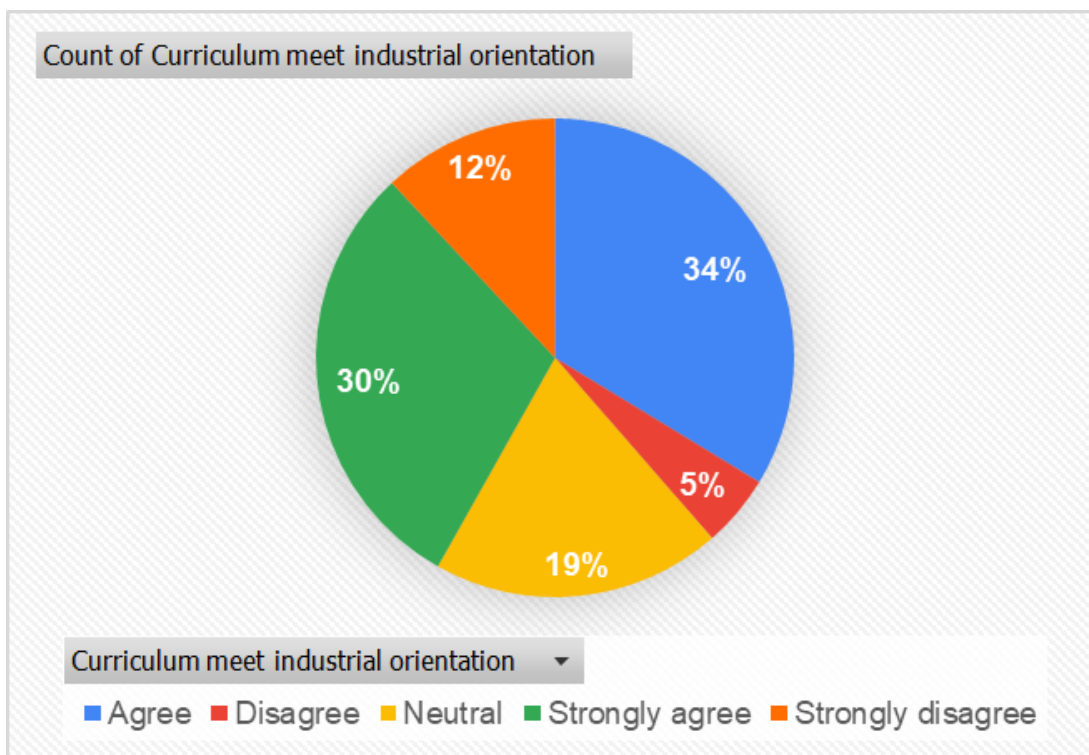
12. Suggestions for improvement in Curriculum (if any).
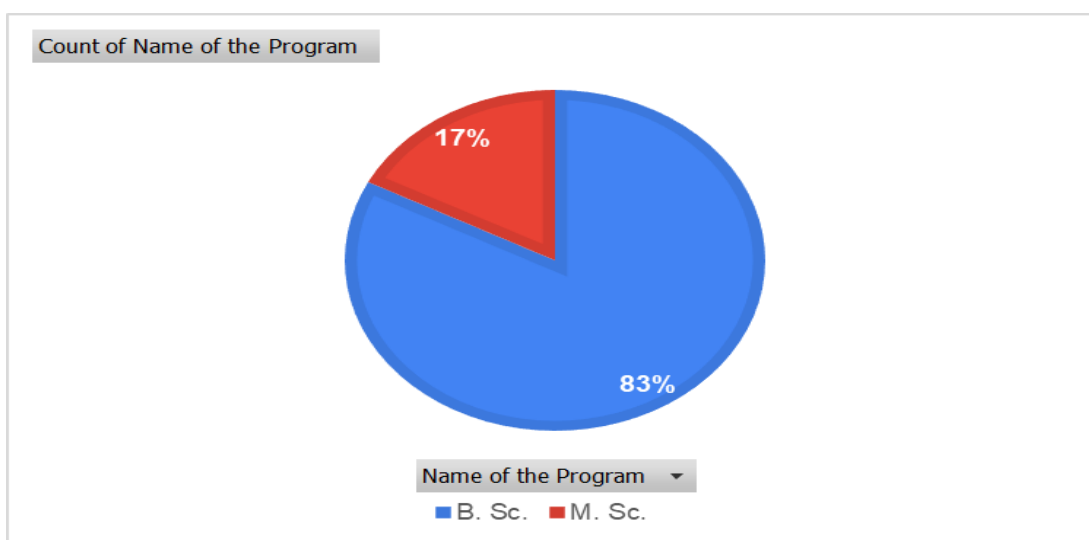
Few of the suggestions received are as follows:

(i) Curriculum must be based on current situation.

(ii) Make smart rooms.

(iii) Offer flexible scheduling options to accommodate students with other commitments.
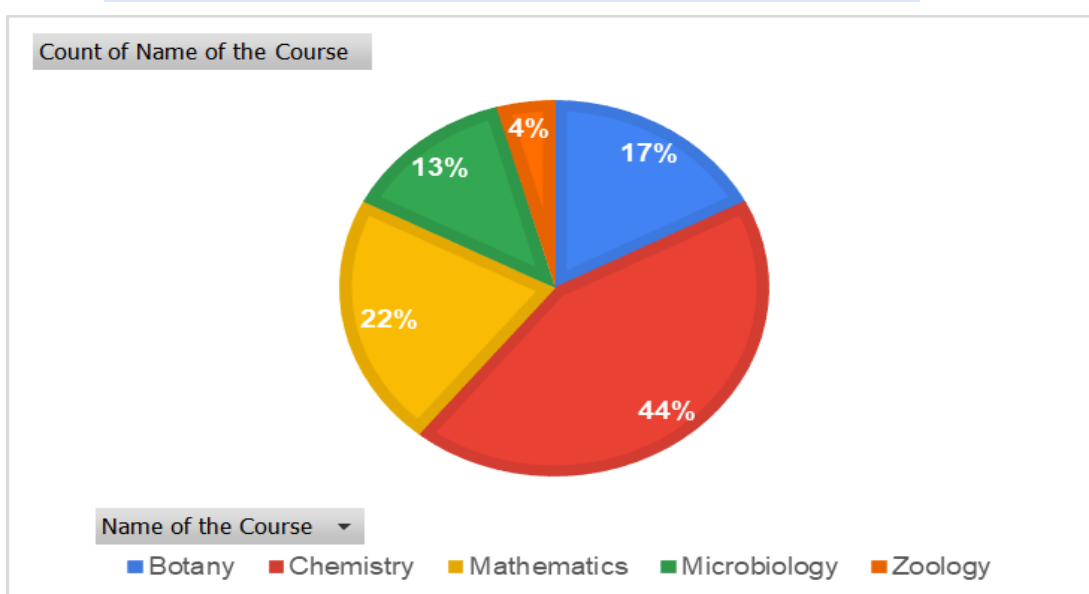
Feedback analysis of Teachers

1. Name of the program.

Name of the Program	Count
B. Sc.	19
M. Sc.	4
Grand Total	**23**

2. Name of the Course.

| Name of the Course	Count
Botany	4
Chemistry	10
Mathematics	5
Microbiology	3
Zoology	1
Grand Total	**23**

3. Learning objectives of the curriculum are well defined and aligned with programme objectives.

Learning objectives of the curriculum are well defined and aligned with programme objectives	Count
Strongly agree	7
Agree	15
Neutral	1
Disagree	0
Strongly disagree	0
Grand Total	**23**

Count of Learning objectives of the curriculum are well defined and aligned with programme objectives
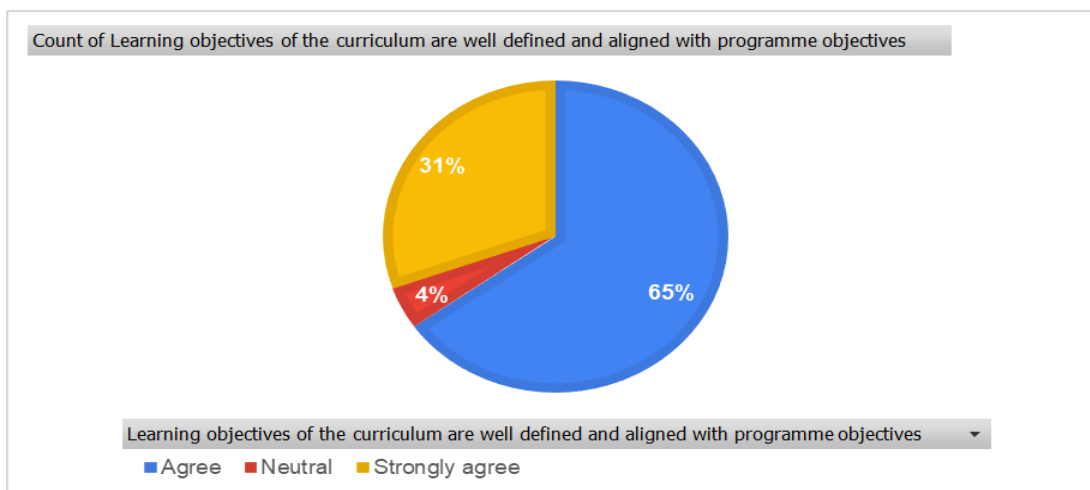
4. Course content is followed by corresponding reference materials.

Course content is followed by corresponding reference materials	Count
Strongly agree	6
Agree	16
Neutral	0
Disagree	0
Strongly disagree	1
Grand Total	**23**

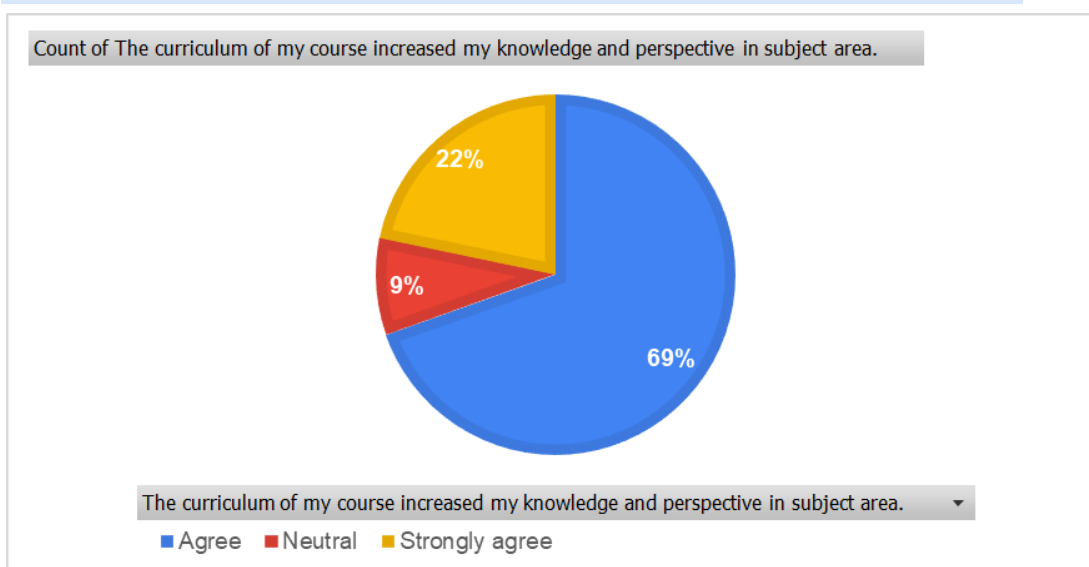Count of Course content is followed by corresponding reference materials
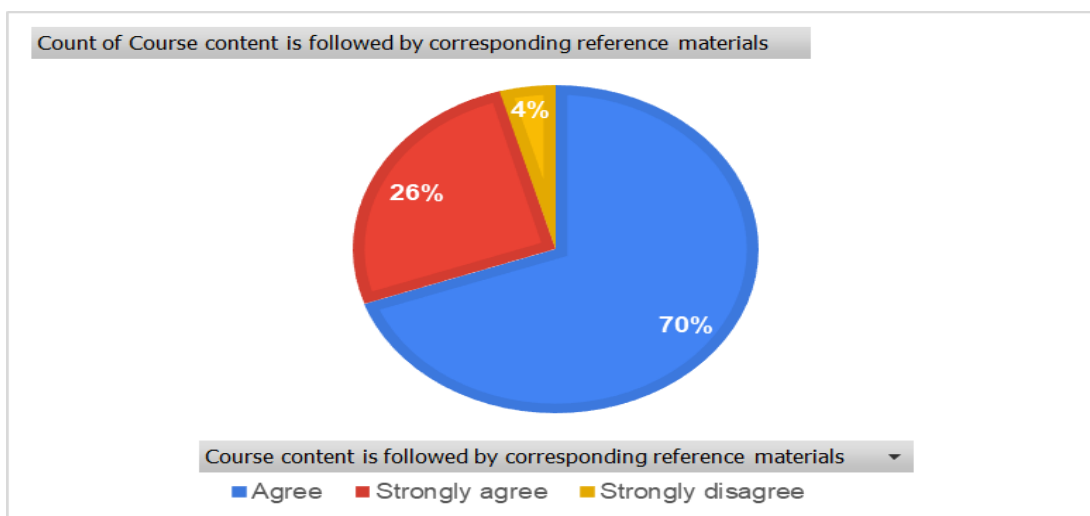
5. The curriculum has good balance of theory and practical.

The curriculum has good balance of theory and practical	Count
Strongly agree	4
Agree	15
Neutral	2
Disagree	1
Strongly disagree	1
Grand Total	**23**

Count of The curriculum has good balance of theory and practical
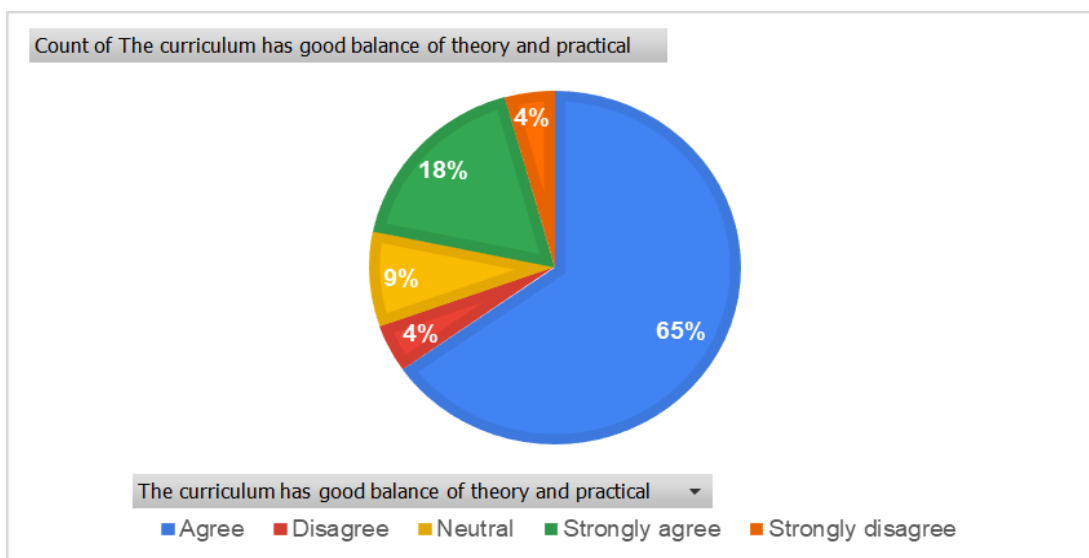
6. The curriculum of my course increased my knowledge and perspective in subject area.

The curriculum of my course increased my knowledge and perspective in subject area	Count
Strongly agree	5
Agree	16
Neutral	2
Disagree	0
Strongly disagree	0
Grand Total	**23**

Count of The curriculum of my course increased my knowledge and perspective in subject area.

7. I have freedom to adopt new techniques of teaching.

I have freedom to adopt new techniques of teaching	Count
Strongly agree	9
Agree	13
Neutral	1
Disagree	0
Strongly disagree	0
Grand Total	**23**

Count of I have freedom to adopt new techniques of teaching

I have freedom to adopt new techniques of teaching ▾

■ Agree ■ Neutral ■ Strongly agree
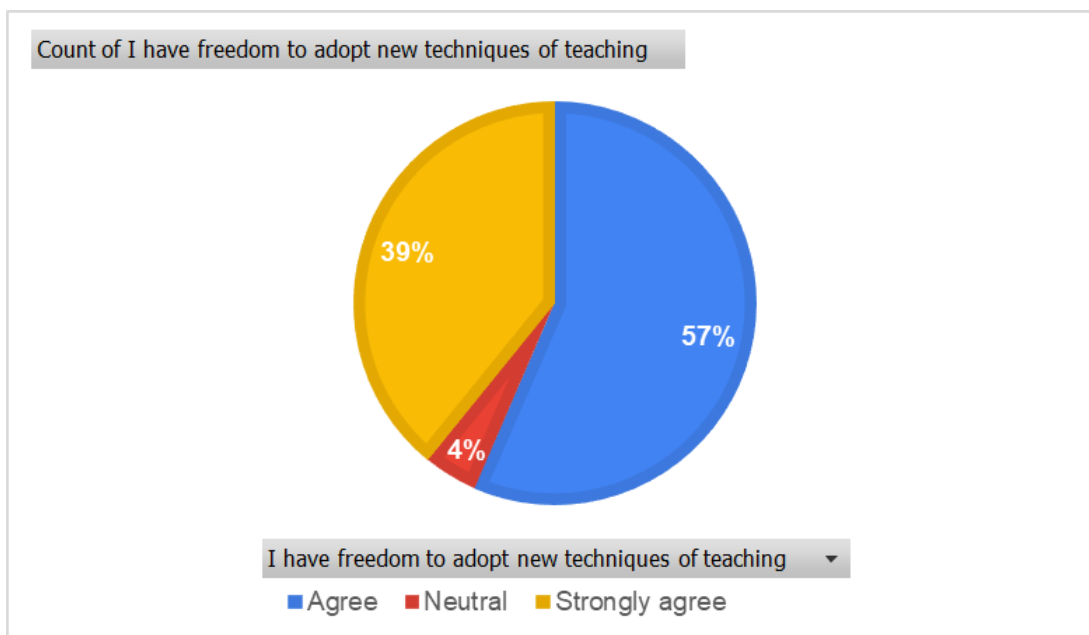
8. Curriculum ensures student participation in learning process.

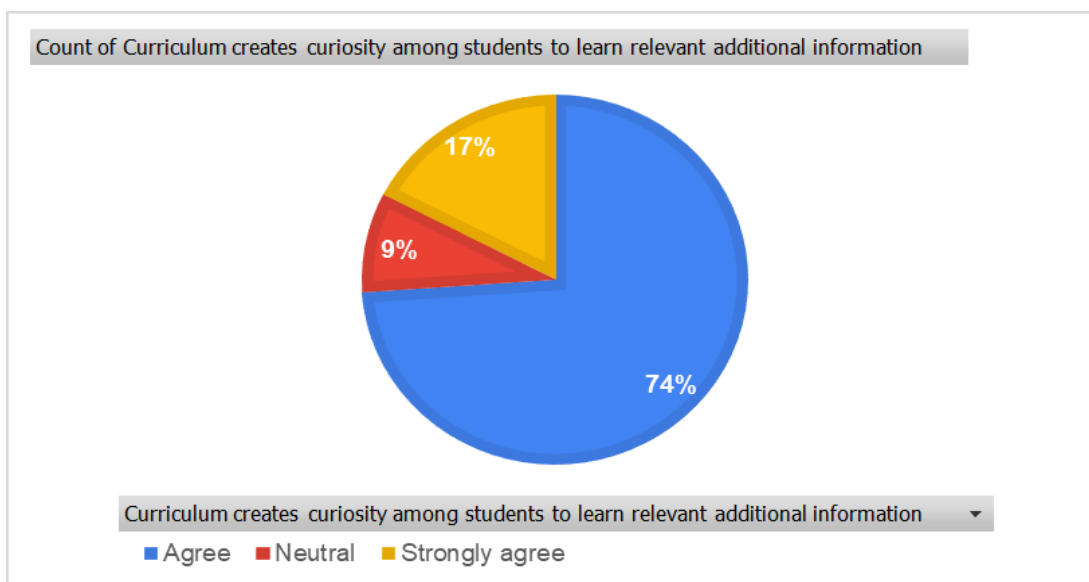| Curriculum ensures student participation in learning process	Count
Strongly agree	6
Agree	16
Neutral	1
Disagree	0
Strongly disagree	0
Grand Total	**23**

Count of Curriculum ensures student participation in learning process

Curriculum ensures student participation in learning process ▾
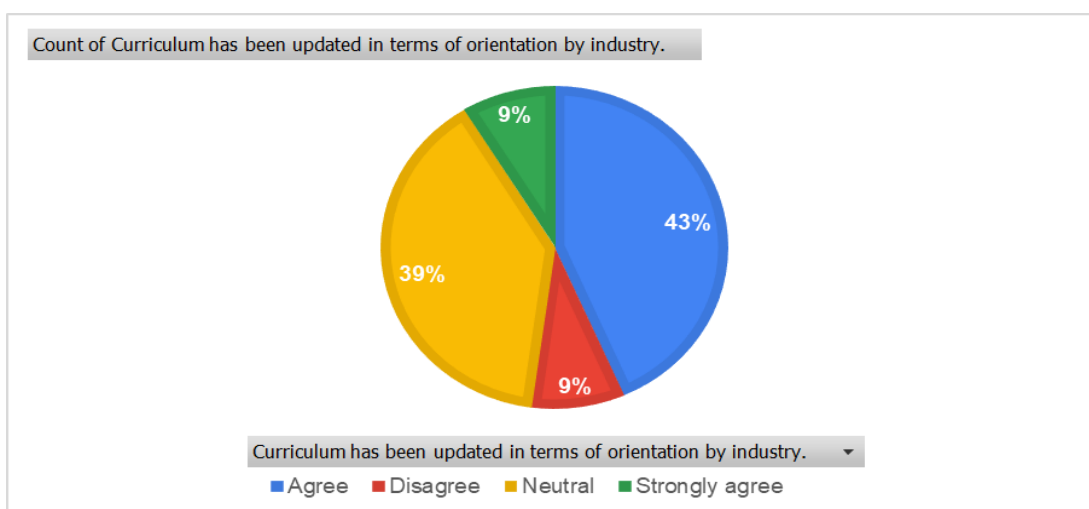
■ Agree ■ Neutral ■ Strongly agree
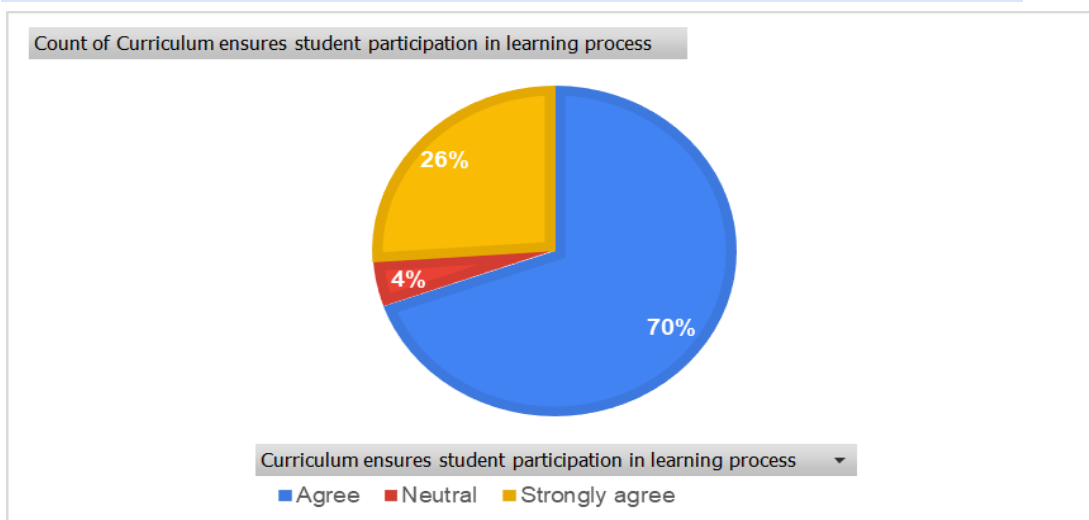
9. Curriculum creates curiosity among students to learn relevant additional information.

Curriculum creates curiosity among students to learn relevant additional information	Count
Strongly agree	4
Agree	17
Neutral	2
Disagree	0
Strongly disagree	0
Grand Total	**23**

Count of Curriculum creates curiosity among students to learn relevant additional information

17%
9%
74%

Curriculum creates curiosity among students to learn relevant additional information

■ Agree ■ Neutral ■ Strongly agree

10. Curriculum has been updated in terms of orientation by industry.

Curriculum has been updated in terms of orientation by industry	Count
Strongly agree	2
Agree	10
Neutral	9
Disagree	2
Strongly disagree	0
Grand Total	**23**

Count of Curriculum has been updated in terms of orientation by industry.

9%
43%
39%
9%

Curriculum has been updated in terms of orientation by industry.

■ Agree ■ Disagree ■ Neutral ■ Strongly agree

11. Suggestions for improvement in Curriculum (if any).

Few of the suggestions received are as follows:

 (i) Some topics are very basic, they should be updated.

 (ii) Ensure sufficient time for lesson planning and grading to maintain teaching quality.

Feedback analysis of Employers

1. Curriculum is relevant with need of industry.

| Curriculum is relevant with need of industry	Count
Strongly agree	9
Agree	3
Neutral	4
Disagree	2
Strongly disagree	2
Grand Total	**20**
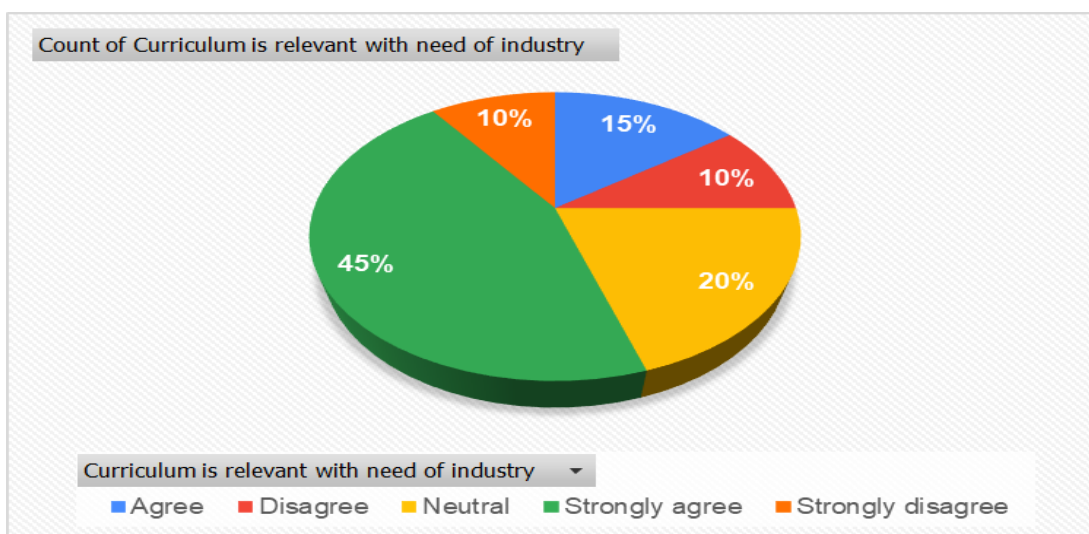
2. Curriculum is effective in developing innovative thinking.

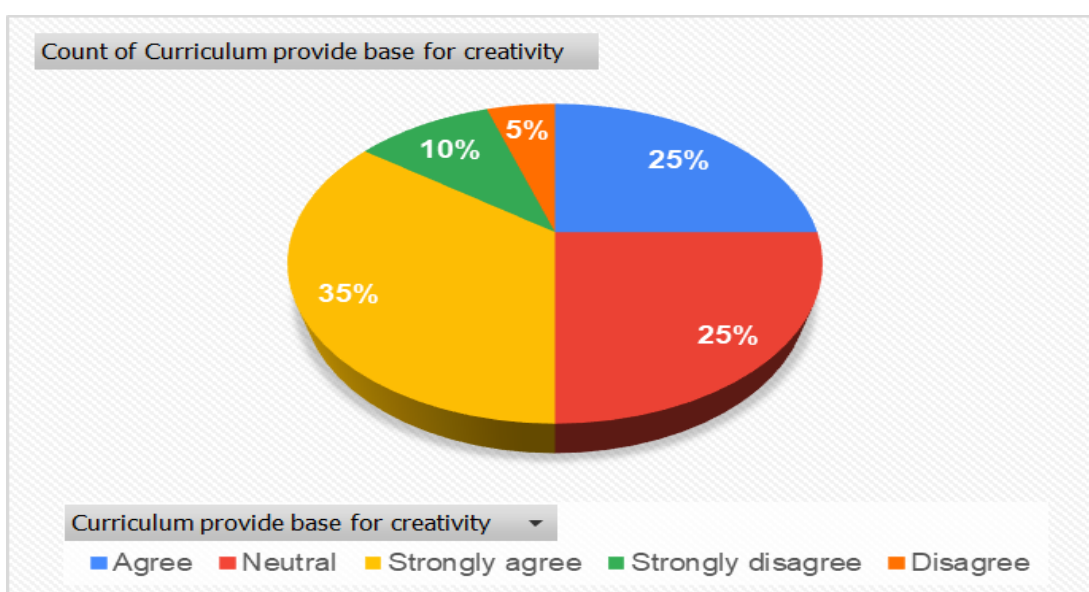| Curriculum is effective in developing innovative thinking	Count
Strongly agree	6
Agree	6
Neutral	2
Disagree	4
Strongly disagree	2
Grand Total	**20**
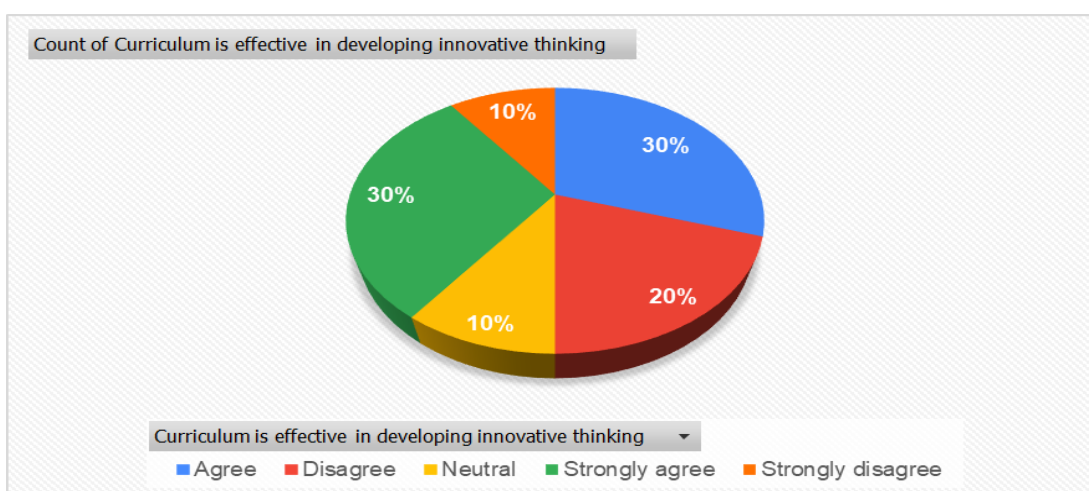
3. Curriculum is effective in developing critical thinking.

Curriculum is effective in developing critical thinking	Count
Strongly agree	5
Agree	5
Neutral	4
Disagree	5
Strongly disagree	1
Grand Total	**20**
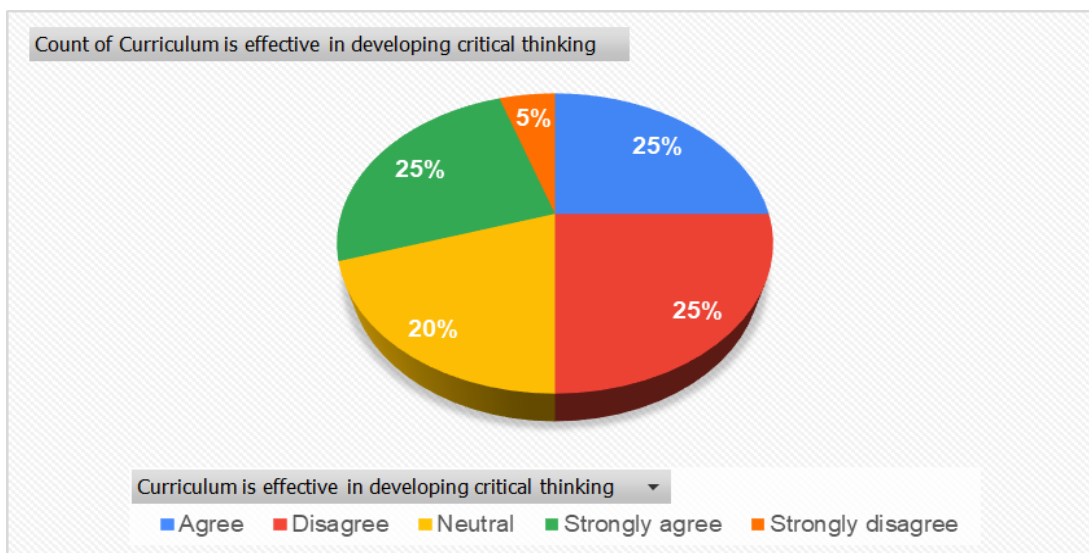
4. Curriculum provide base for creativity.

| Curriculum provide base for creativity	Count
Strongly agree	7
Agree	5
Neutral	5
Disagree	1
Strongly disagree	2
Grand Total	**20**

5. Curriculum is effective in development entrepreneurial skills.

| Curriculum is effective in development entrepreneurial skills	Count
Strongly agree	3
Agree	6
Neutral	4
Disagree	5
Strongly disagree	2
Grand Total	**20**
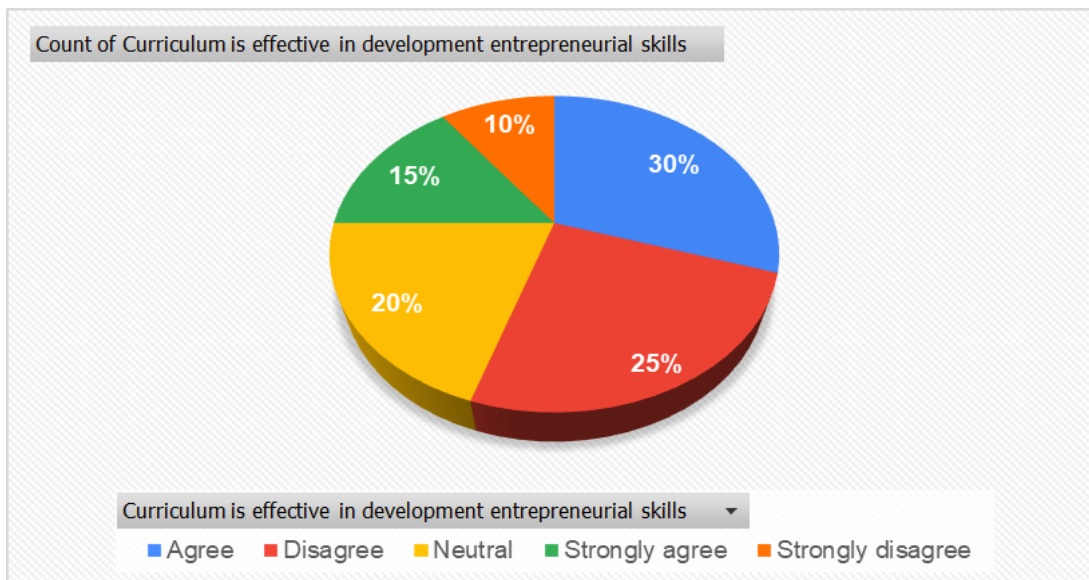
6. Curriculum is effective in development of interpersonal skills.

Curriculum is effective in development of interpersonal skills	Count
Strongly agree	7
Agree	3
Neutral	4
Disagree	4
Strongly disagree	2
Grand Total	**20**
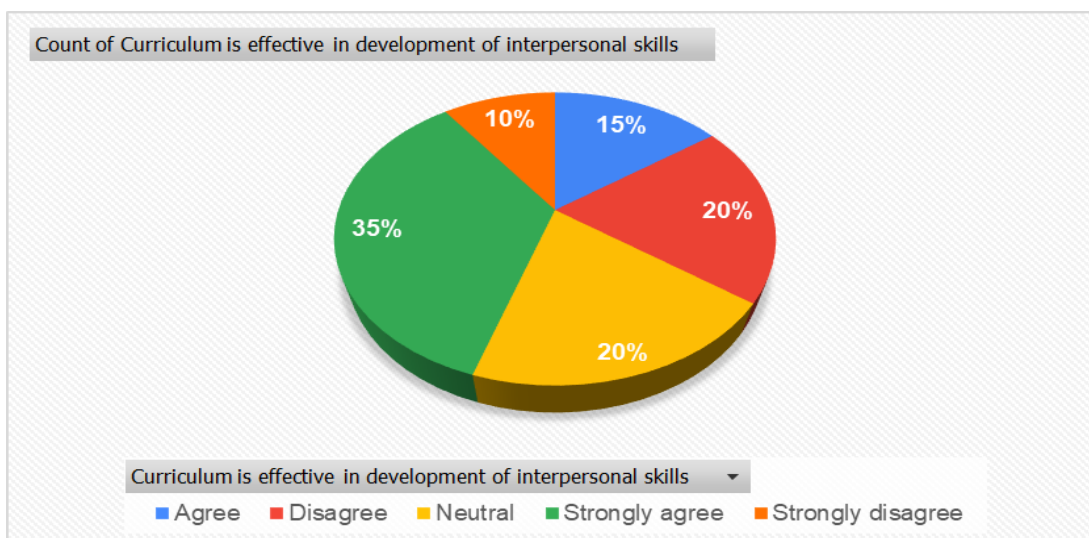
7. Curriculum provide adequate knowledge of ethics and corporate values.

Curriculum provide adequate knowledge of ethics and corporate values	Count
Strongly agree	4
Agree	7
Neutral	3
Disagree	2
Strongly disagree	4
Grand Total	**20**

Count of Curriculum provide adequate knowledge of ethics and corporate values

Curriculum provide adequate knowledge of ethics and corporate values

■Agree ■Disagree ■Neutral ■Strongly agree ■Strongly disagree
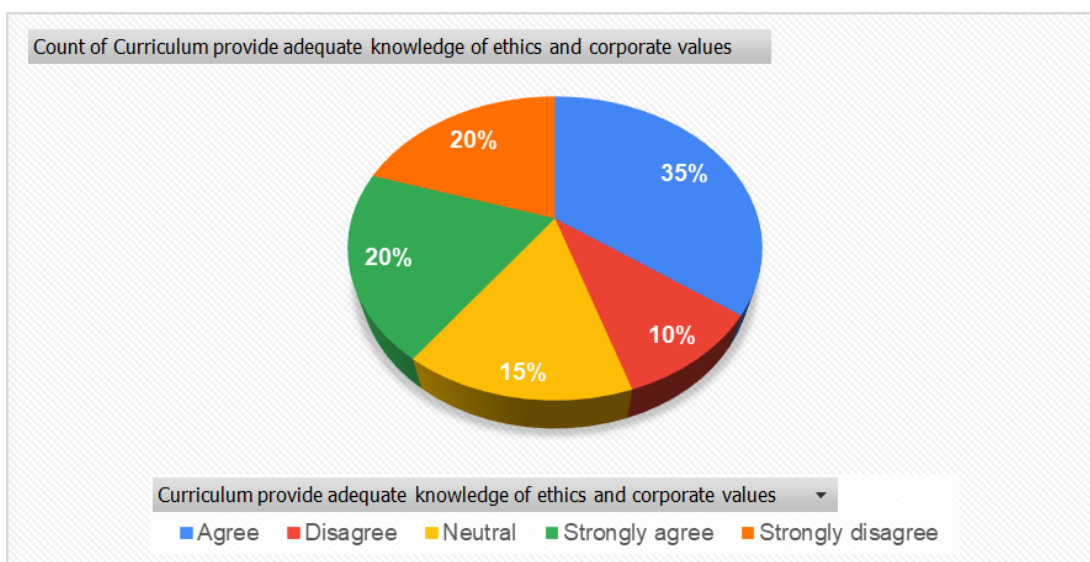
8. Suggestions for improvement in Curriculum (if any).

Few of the suggestions received are as follows:

   (i)   Provide input on the relevance of course content and suggest updates based on technological advancements and industry trends.

   (ii) Make students to inculcate skills and competencies required for entry-level positions in the field.
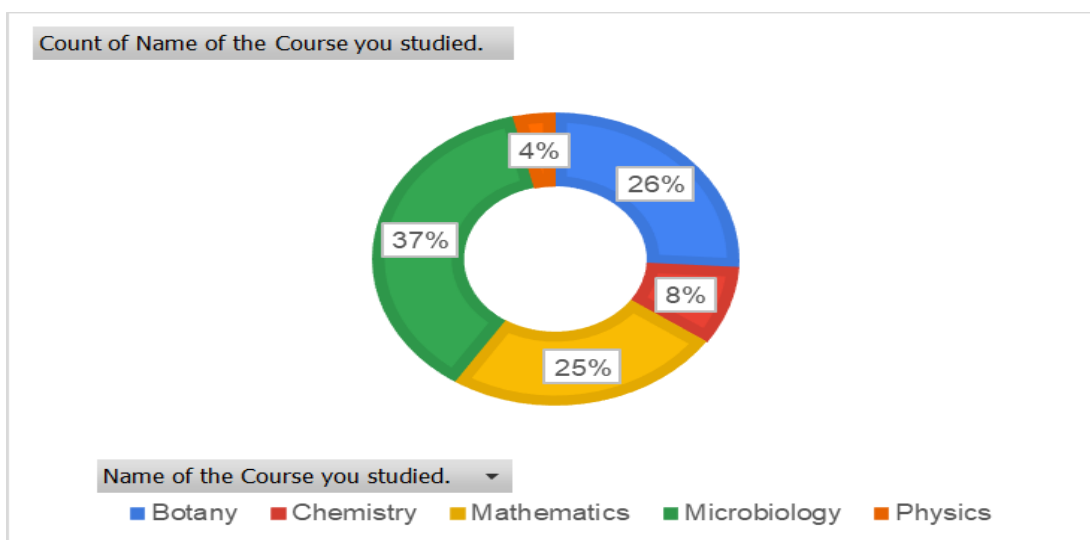
Feedback analysis of Alumni

1. Name of the program you studied.

Name of the Program you are studying.	Count
B. Sc.	80
M. Sc.	1
Grand Total	**81**
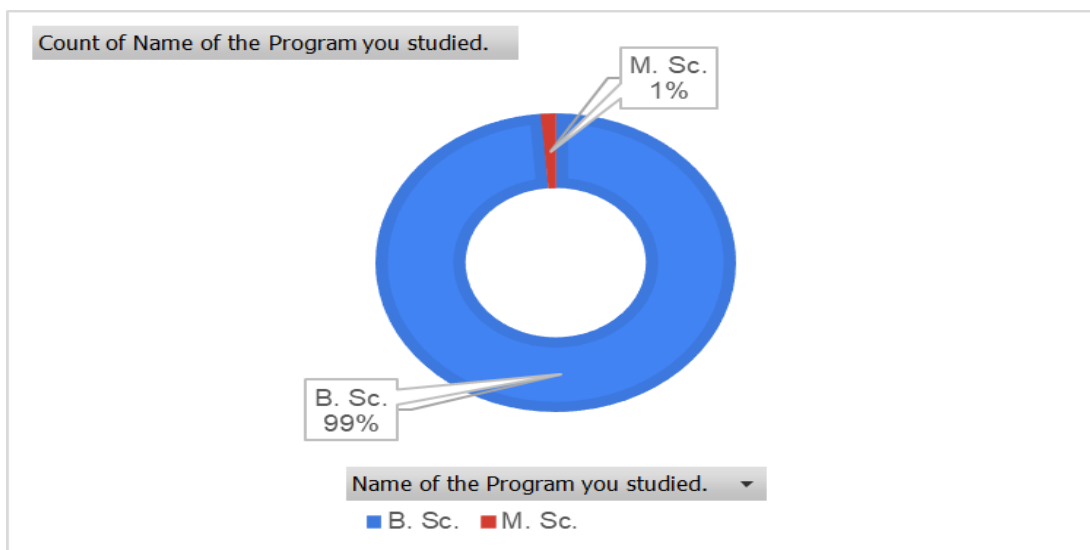
2. Name of the Course you studied.

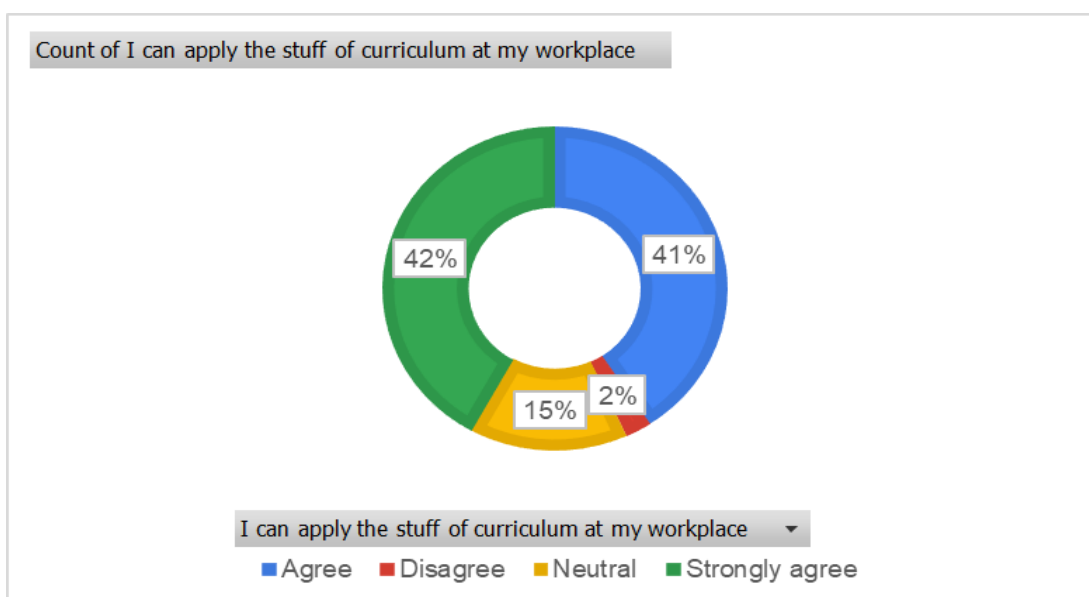| Name of the Course you are studying.	Count
Botany	21
Chemistry	7
Mathematics	20
Microbiology	30
Physics	3
Zoology	0
Grand Total	**81**

3. Curriculum is having good balance of theory and practical.

Curriculum is having good depth of concepts	Count
Strongly agree	48
Agree	26
Neutral	3
Disagree	2
Strongly disagree	2
Grand Total	**81**

Count of Curriculum is having good balance of theory and practical

Curriculum is having good balance of theory and practical ▼
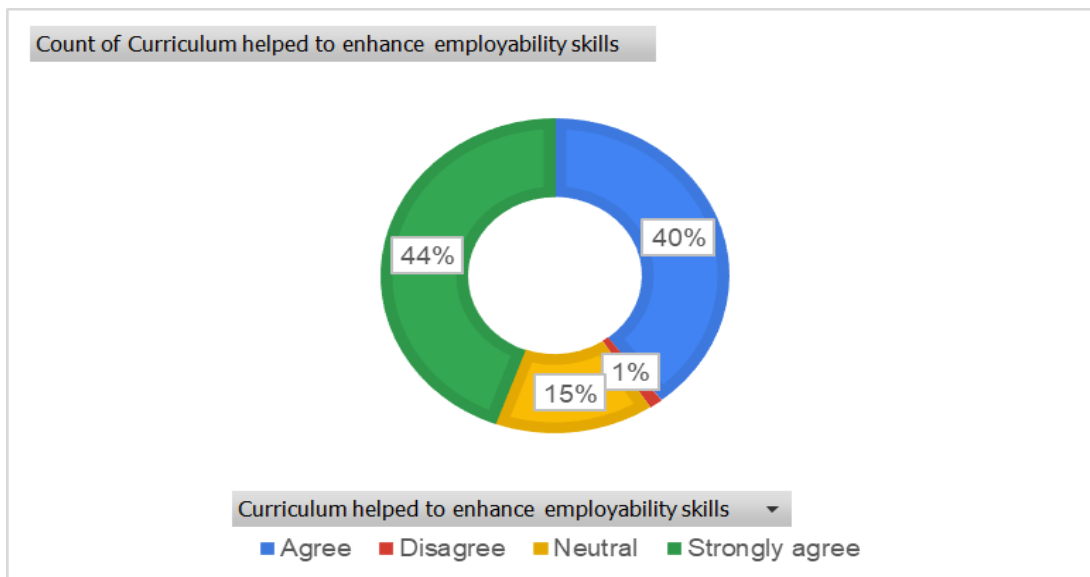
■Agree ■Disagree ■Neutral ■Strongly agree ■Strongly disagree
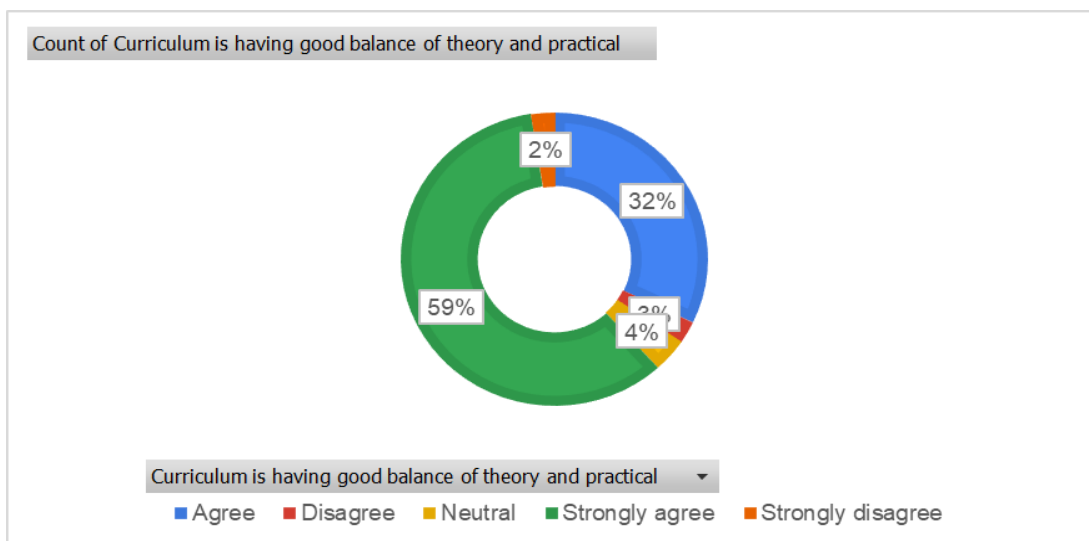
4. I can apply the stuff of curriculum at my workplace.

Extent of coverage and time allotted for each course is sufficient	Count
Strongly agree	34
Agree	33
Neutral	12
Disagree	2
Strongly disagree	0
Grand Total	**81**

Count of I can apply the stuff of curriculum at my workplace

I can apply the stuff of curriculum at my workplace ▼

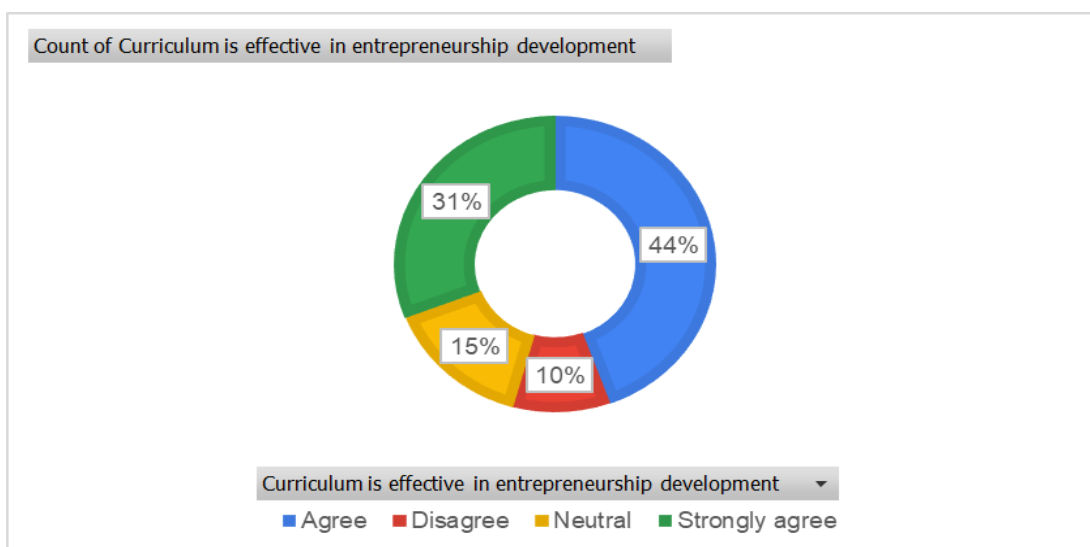■Agree ■Disagree ■Neutral ■Strongly agree

5. Curriculum helped to enhance employability skills.

There is proper balance of theory and practical in curriculum	Count
Strongly agree	36
Agree	32
Neutral	12
Disagree	1
Strongly disagree	0
Grand Total	**81**

6. Curriculum is effective in entrepreneurship development.

| Curriculum is skill based	Count
Strongly agree	25
Agree	36
Neutral	12
Disagree	8
Strongly disagree	0
Grand Total	**81**

7. Curriculum is relevant with the orientation of industries.

| Curriculum encourages for learning of additional information	Count
Strongly agree	29
Agree	34
Neutral	12
Disagree	5
Strongly disagree	1
Grand Total	**81**
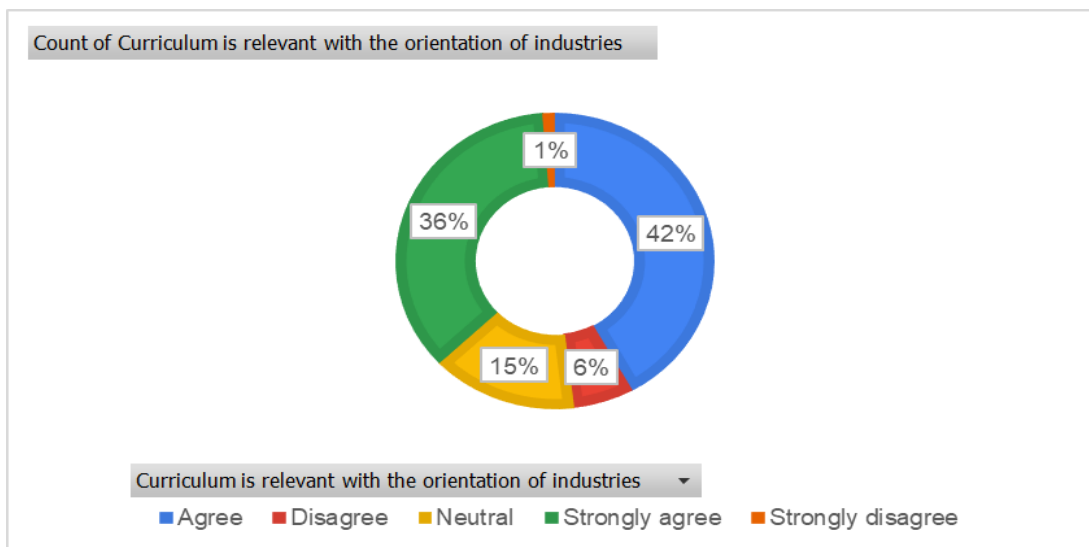
8. Curriculum helped me for development in critical thinking.

| Curriculum enhances employability skill	Count
Strongly agree	44
Agree	22
Neutral	12
Disagree	0
Strongly disagree	3
Grand Total	**81**
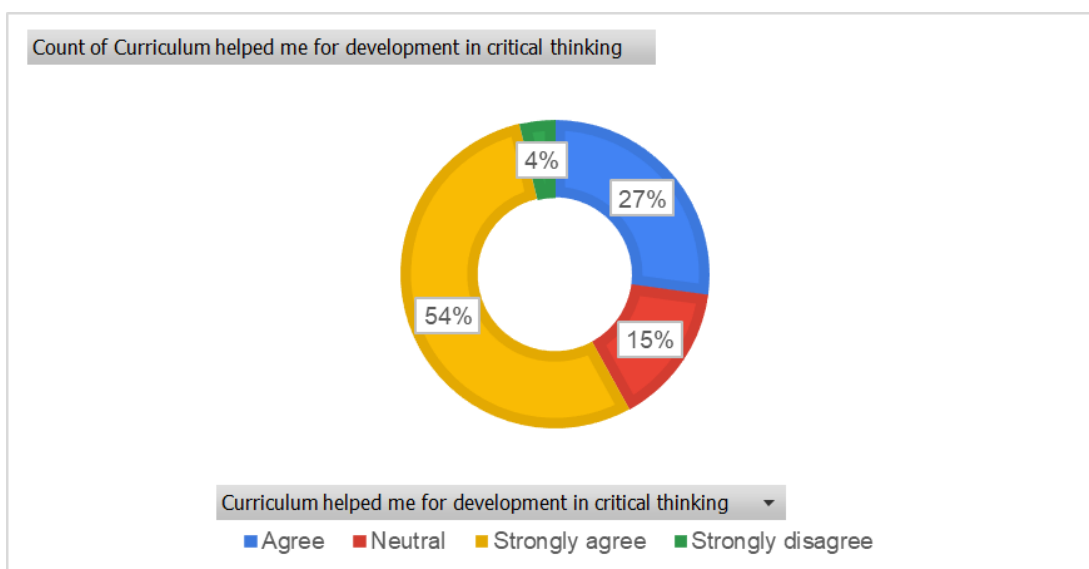
9. Curriculum helped me for developing innovative ideas at work place.

Curriculum encourages for entrepreneurship	Count
Strongly agree	38
Agree	33
Neutral	9
Disagree	0
Strongly disagree	1
Grand Total	**81**

Count of Curriculum helped me for developing innovative ideas at work place
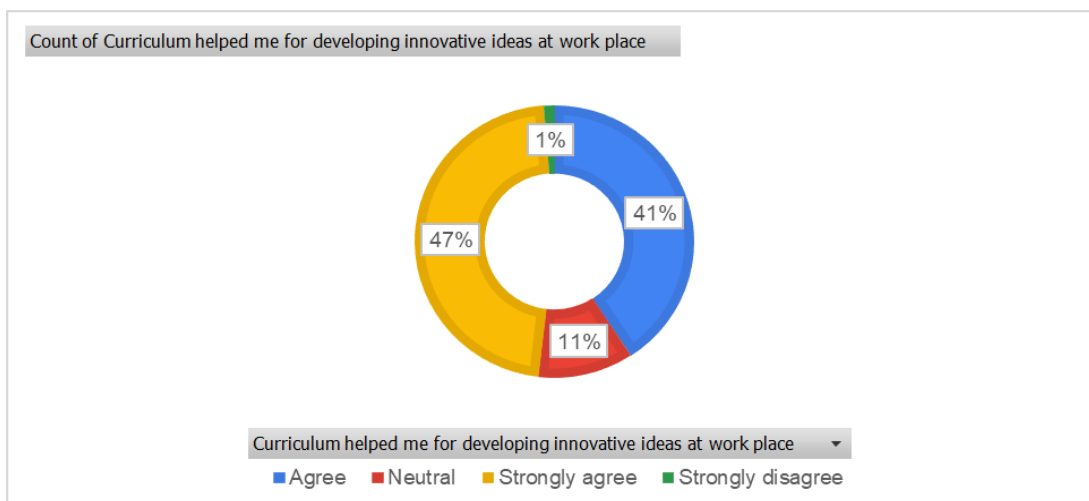
10. Curriculum helped me to develop interpersonal skills.

Curriculum is effective in innovative thinking	Count
Strongly agree	35
Agree	32
Neutral	13
Disagree	0
Strongly disagree	1
Grand Total	**81**
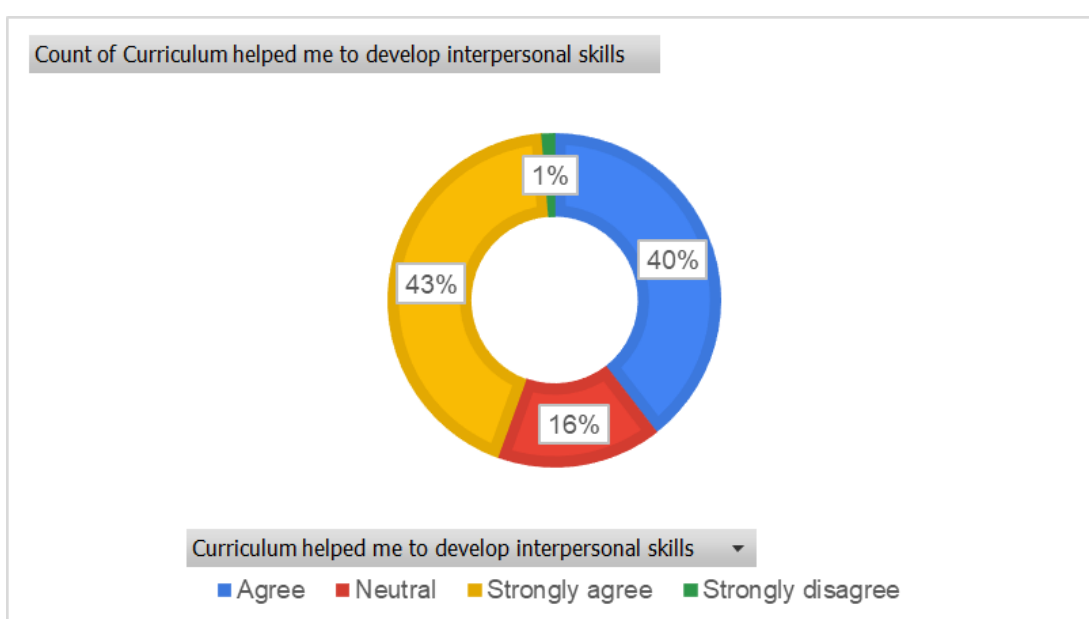
Count of Curriculum helped me to develop interpersonal skills

11. Suggestions for improvement in Curriculum (if any).
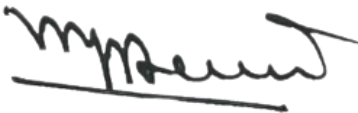
Few of the suggestions received are as follows:

(i)   Advocating for a curriculum that strikes a balance between existing knowledge and new updates.

(ii)   Take monthly review from students regarding faculty, College campus etc. Arrange some educational tour.

(iii)   Involve the practical knowledge of instrument like TOC, VI-TEK, LPC for pharma field career.

(iv)   Multiple industrial visit or engagement will enhance professional capabilities.

Action Taken Report

Sr. No.	Particulars	Few of the Suggestions received	Action taken based on feedback
1	Students	(i) Curriculum must be based on current situation. (ii) Make smart rooms. (iii) Offer flexible scheduling options to accommodate students with other commitments.	Syllabus are formatted and revised by the affiliating university considering the needs and trends of the industry, making the learning experience more relevant and engaging. There are 6 classrooms equipped with ICT facilities. Faculties are encouraged to use them. Flexible scheduling options may be offered in future considering the NEP-2020 requirements.
2	Teachers	(i) Some topics are very basic, they should be updated. (ii) Ensure sufficient time for lesson planning and grading to maintain teaching quality.	Syllabus are formatted and revised by the affiliating university considering the needs and trends of the industry. Faculties are encouraged to plan their lessons well in advance.
3	Employers	(i) Provide input on the relevance of course content and suggest updates based on technological advancements and industry trends. (ii) Make students to inculcate skills and competencies required for entry-level positions in the field.	Efforts may be made to establish collaboration channels with industry stakeholders to gather feedback on course content and ensure alignment with current industry needs. Skill development initiatives are taken under UDISHA.

Sr. No.	Particulars	Few of the Suggestions received	Action taken based on feedback
4	Alumni	(i) Advocating for a curriculum that strikes a balance between existing knowledge and new updates. (ii) Take monthly review from students regarding faculty, College campus etc. Arrange some educational tour. (iii) Involve the practical knowledge of instrument like TOC, VI-TEK, LPC for pharma field career. (iv) Multiple industrial visit or engagement will enhance professional capabilities.	Syllabus are framed by the affiliating university considering the same factors. A mechanism may be formed to gather regular insights from students. Faculties of concerned department are advised to provide the said feedback to BoS members of their syllabus. Departments are encouraged to facilitate industrial visits.

Principal
Government Science College
Sector-15, Gandhinagar.