



LOURDES MATHA
COLLEGE OF SCIENCE & TECHNOLOGY
Bureau Veritas Certified ISO 9001-2015 Institution
Managed by Archdiocese of Changanacherry

1.4.2 ANALYSIS OF FEEDBACK FROM STAKEHOLDERS

Introduction

The stakeholders of Lourdes Matha College of Science and Technology namely Students, Faculty members, Alumni and Employers were offered the opportunity to put forth their views on the “Design and Review of the Syllabus” for the academic year 2022-2023.

Mechanism of feedback

The feedback questionnaire was uploaded on the institution website with questions pertaining to “Design and Review of syllabus”. The web link was shared with all stakeholders like Students, Faculty members, Alumni and Employers.

Student feedback - <https://lmcst.ac.in/students-feedback/>

Teachers Feedback - <https://lmcst.ac.in/teachers-feedback/>

Alumni feedback - <https://lmcst.ac.in/alumni-feedback/>

Employer feedback - <https://lmcst.ac.in/employer-feedback/>

The feedback was collected and analyzed. The results and the actions taken are presented in this report.

Aspects of the Questionnaire

The following aspects related to Design and Review of Syllabus were included in the

questionnaire:

- Curriculum updated enough
- Curriculum Teaching & Learning interesting
- Curriculum satisfies your passion of learning
- Curriculum shaped your professional aspiration well
- Curriculum applicable in your daily life
- Curriculum is relevant for the solution of practical problems
- Sufficiency of skill-based content in current syllabus

Each question had the following options on a 5-point Likert scale.

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

The suggestions from stakeholders related to the Design and Review of the Syllabus were also obtained in the survey.

Analysis of feedback

The feedback was obtained from the stakeholders through the following:

1. Students Survey
2. Teachers Survey
3. Alumni Survey
4. Employer Survey

The questionnaire was provided to different stakeholders and the analysis was carried out to identify the lack in the curriculum. For the better evaluation of the curriculum, various stakeholders were identified initially and their valuable suggestions were collected using a feedback form with the aspects mentioned above. The curriculum was evaluated based on 7 questions and the response was analyzed by a 5 point scale.

STUDENT FEEDBACK ANALYSIS

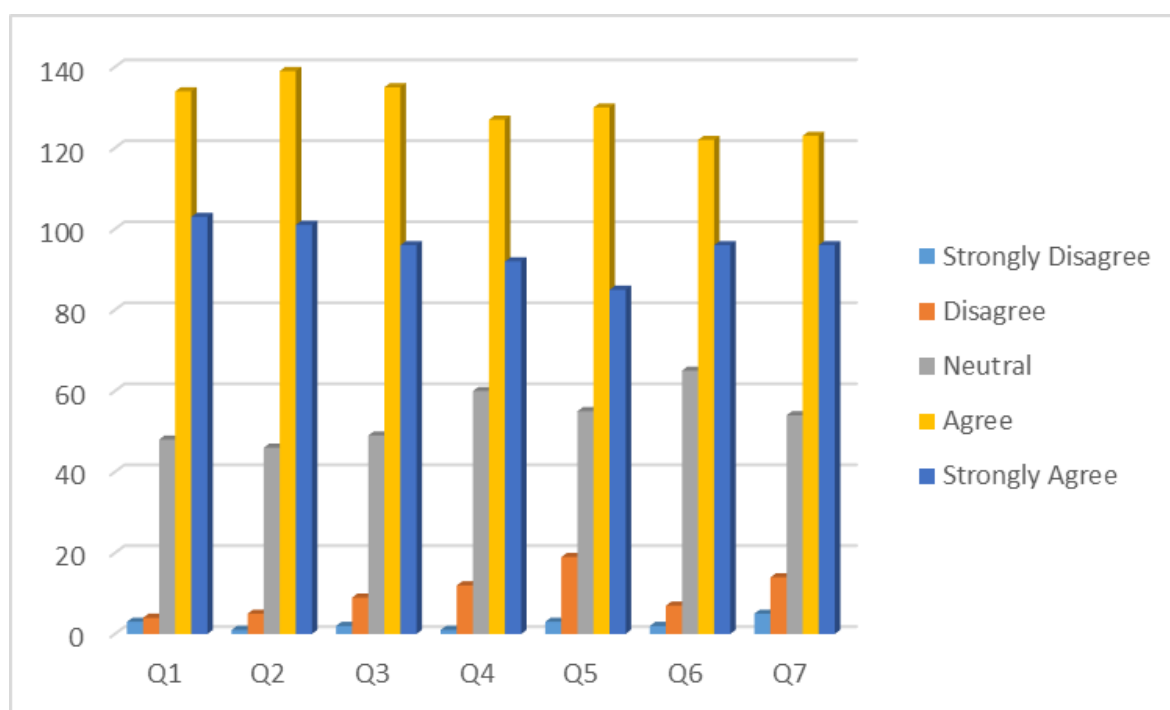
As part of the evaluation of the curriculum, our institution has collected feedback from students. The institution has collected 292 responses from 7 branches and the response details of the students as stakeholders are given in the tabular form below.

Stakeholder	Branch	No. of Feedback responses collected
Student	CE	51
	CSE	111
	ECE	40
	EEE	2
	ME	38
	MBA	19
	MCA	31

Based on the feedback given by the students, the analysis was carried out for each question and the same is compared for different branches.

Sl. No.	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	3	4	48	134	103
2	Curriculum Teaching & Learning interesting	1	5	46	139	101
3	Curriculum satisfies your passion of learning	2	9	49	135	96

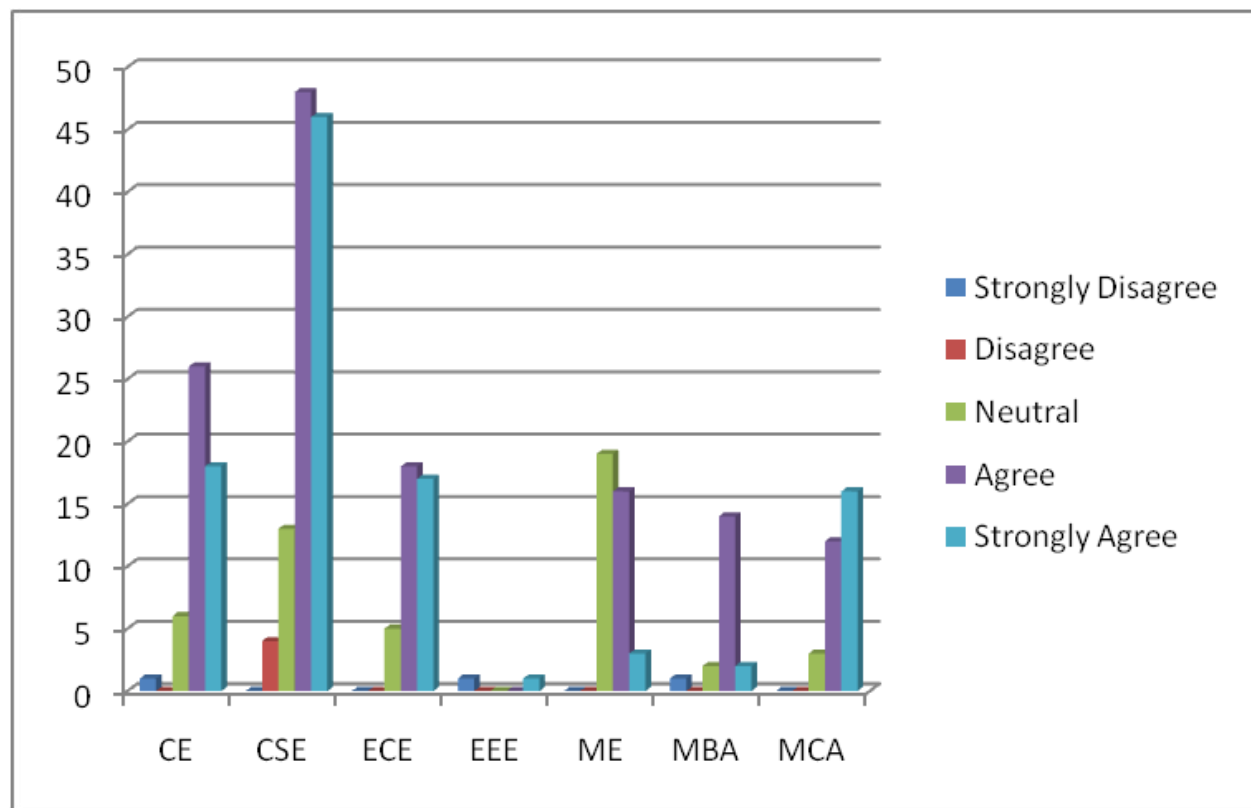
4	Curriculum shaped your professional aspiration well	1	12	60	127	92
5	Curriculum applicable in your daily life	3	19	55	130	85
6	Curriculum is relevant for the solution of practical problems	2	7	65	122	96
7	Sufficiency of skill based content in current syllabus	5	14	54	123	96



The branch wise student analysis is as follows:

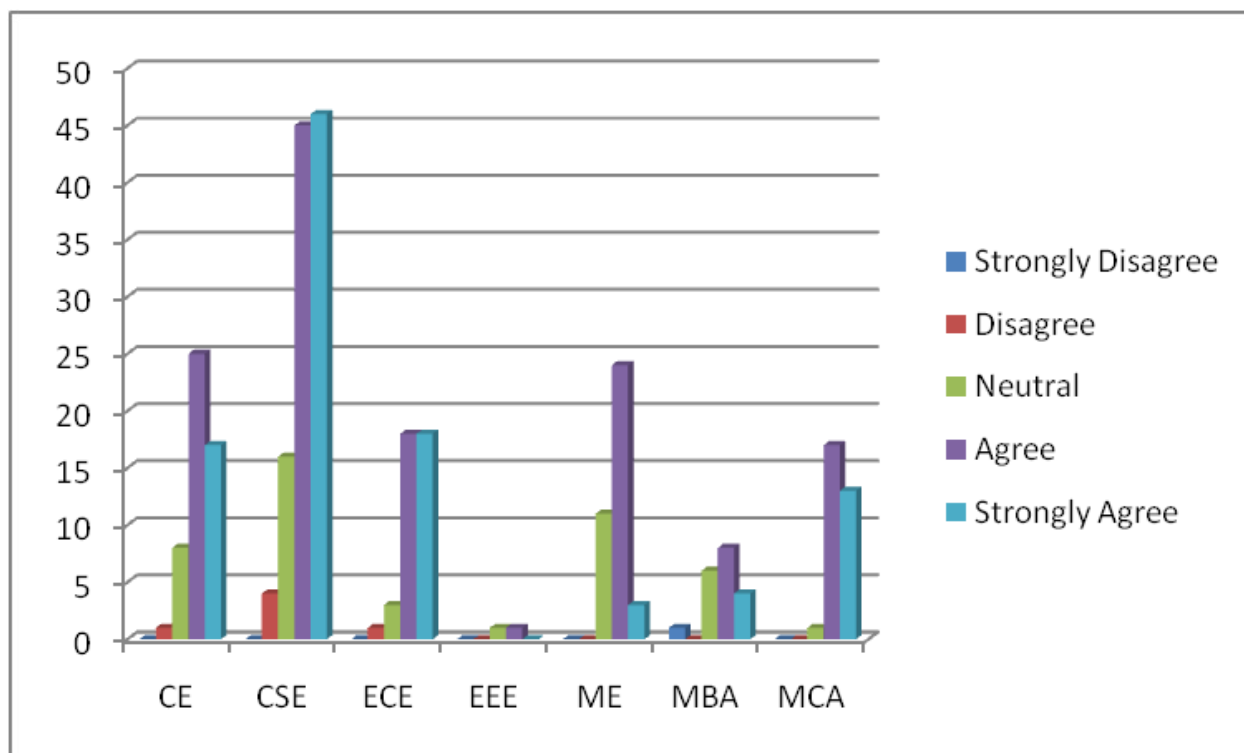
Question 1 :Curriculum updated enough

Sl.No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	1	0	6	26	18
2	CSE	0	4	13	48	46
3	ECE	0	0	5	18	17
4	EEE	1	0	0	0	1
5	ME	0	0	19	16	3
6	MBA	1	0	2	14	2
7	MCA	0	0	3	12	16



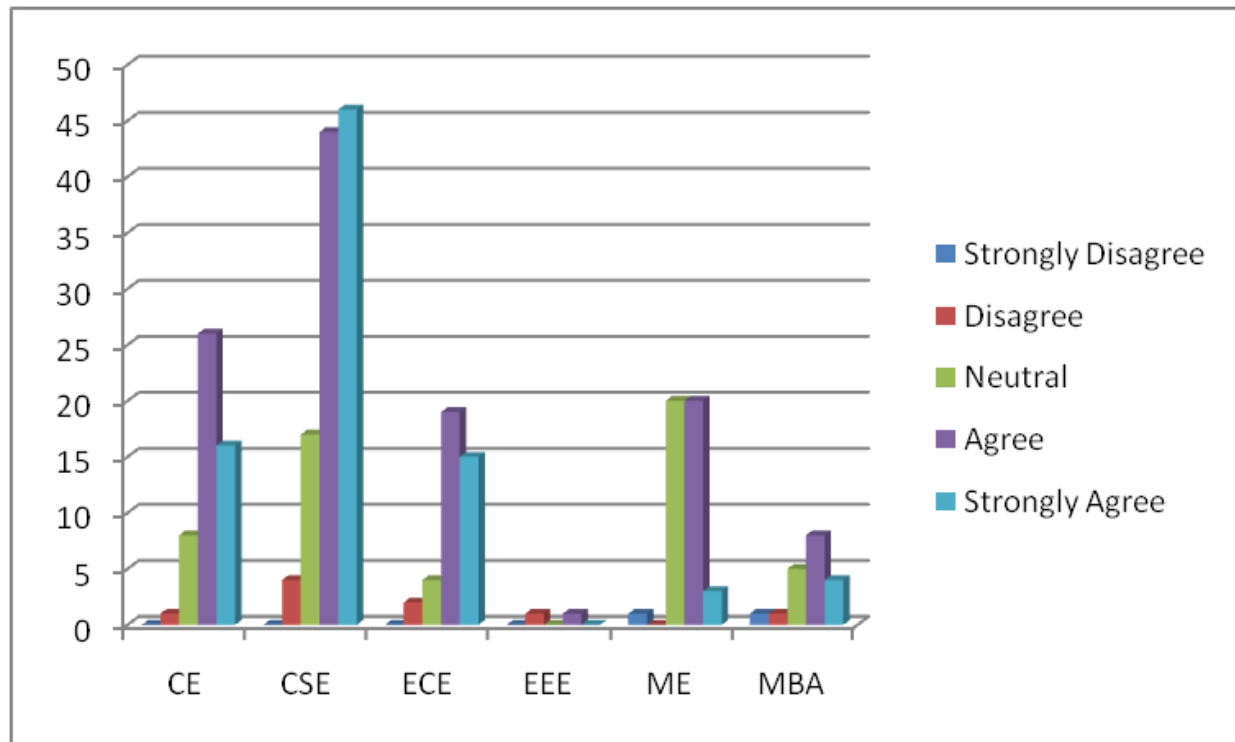
Question 2 : Curriculum Teaching & Learning interesting

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	1	8	25	17
2	CSE	0	4	16	45	46
3	ECE	0	1	3	18	18
4	EEE	0	0	1	1	0
5	ME	0	0	11	24	3
6	MBA	1	0	6	8	4
7	MCA	0	0	1	17	13



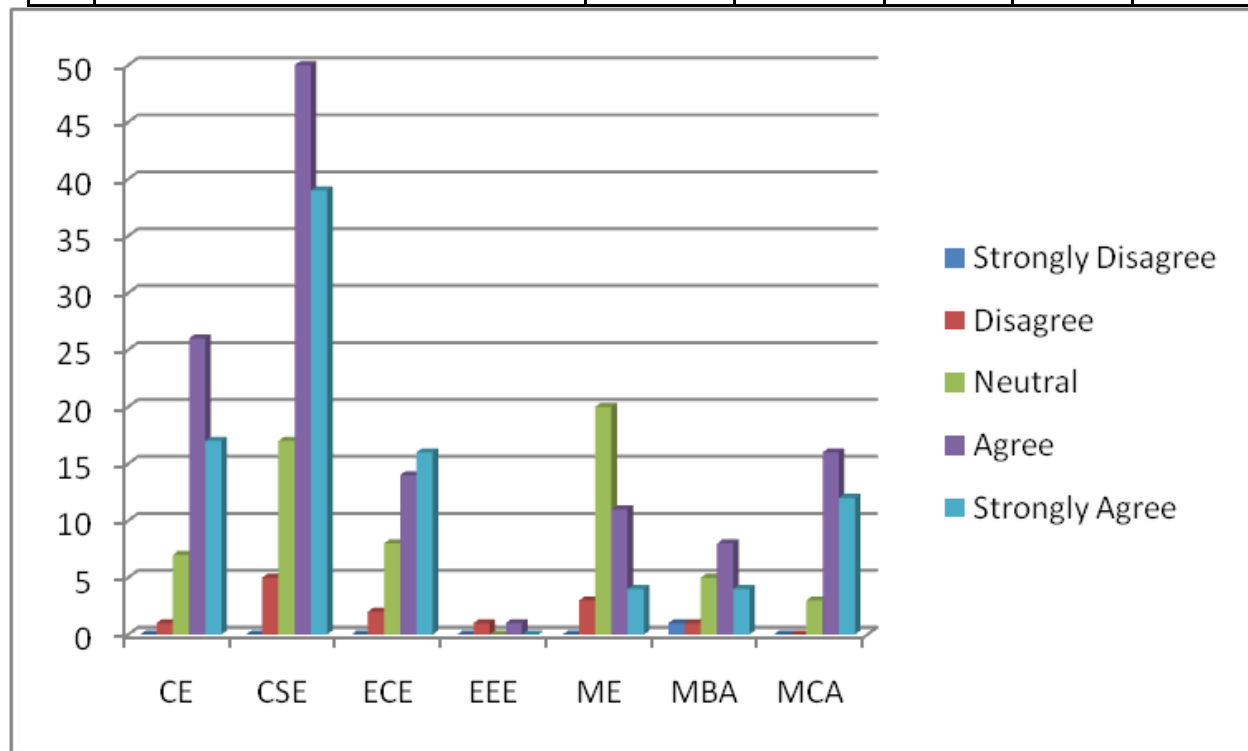
Question 3 : Curriculum satisfies your passion of learning

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	1	8	26	16
2	CSE	0	4	17	44	46
3	ECE	0	2	4	19	15
4	EEE	0	1	0	1	0
5	ME	1	0	20	20	3
6	MBA	1	1	5	8	4
7	MCA	0	0	3	16	12



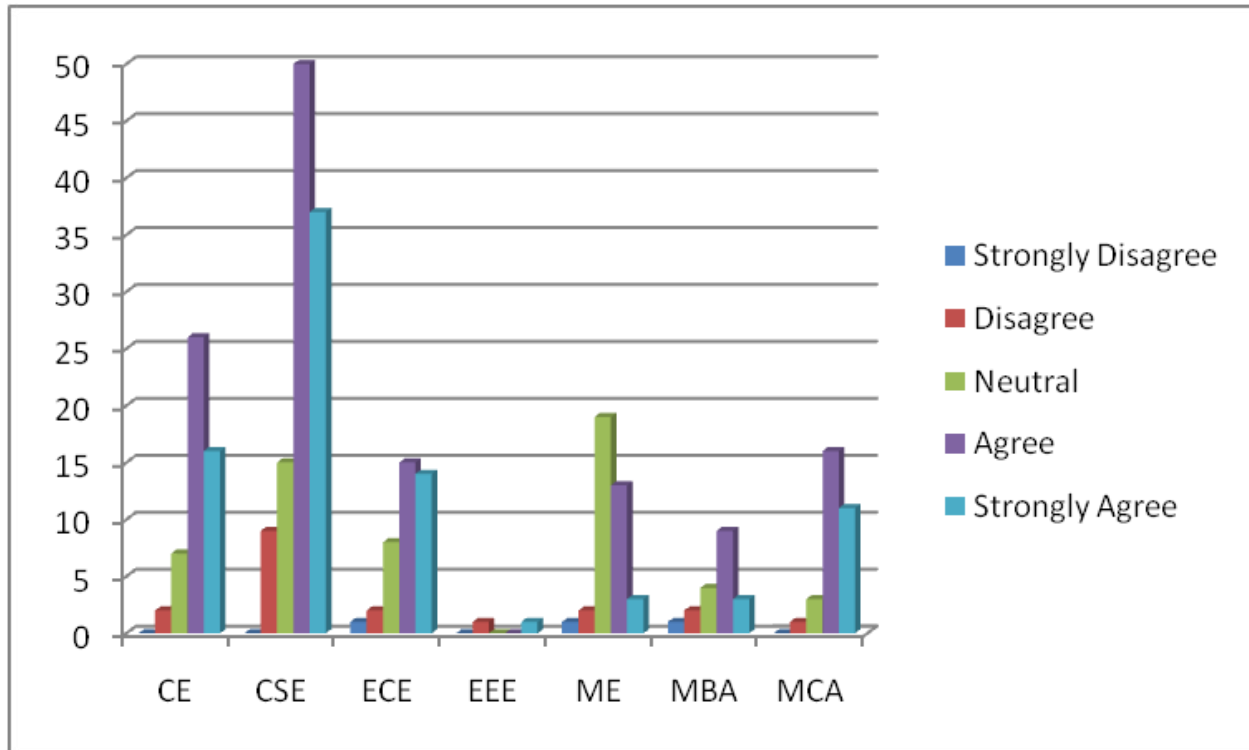
Question 4 : Curriculum shaped your professional aspiration well

SL No	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	1	7	26	17
2	CSE	0	5	17	50	39
3	ECE	0	2	8	14	16
4	EEE	0	1	0	1	0
5	ME	0	3	20	11	4
6	MBA	1	1	5	8	4
7	MCA	0	0	3	16	12



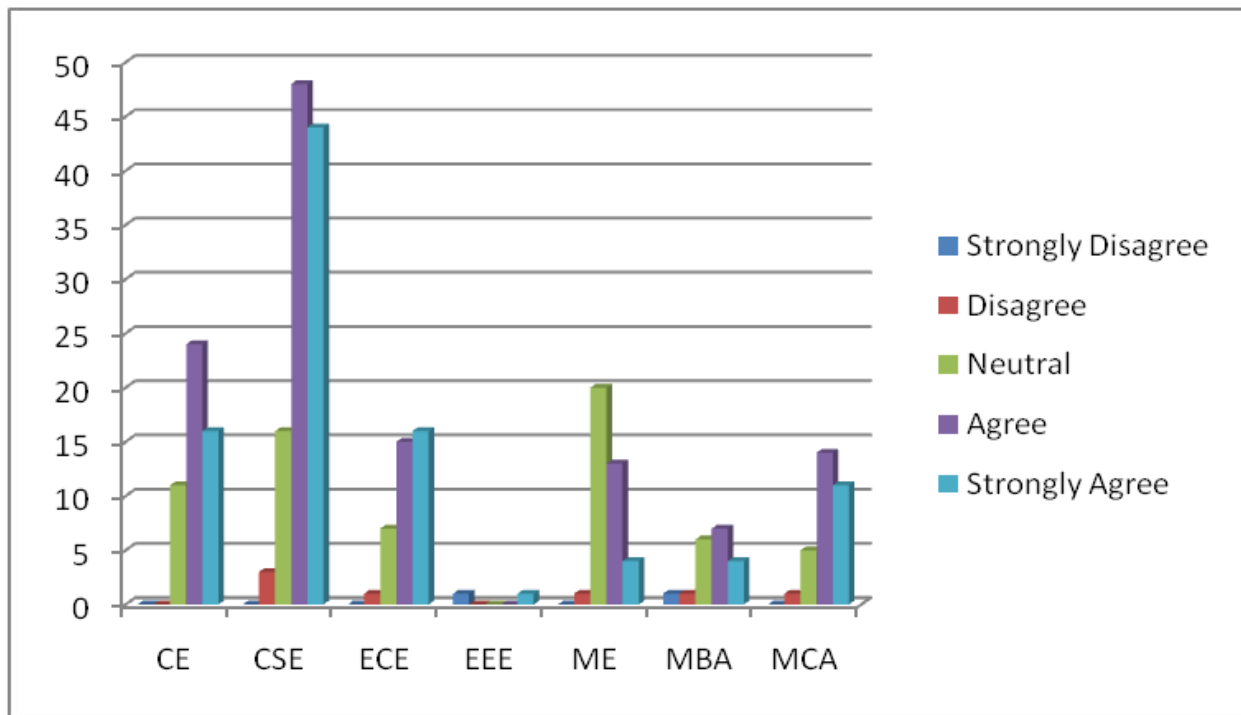
Question 5 : Curriculum applicable in your daily life

SL No	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	2	7	26	16
2	CSE	0	9	15	50	37
3	ECE	1	2	8	15	14
4	EEE	0	1	0	0	1
5	ME	1	2	19	13	3
6	MBA	1	2	4	9	3
7	MCA	0	1	3	16	11



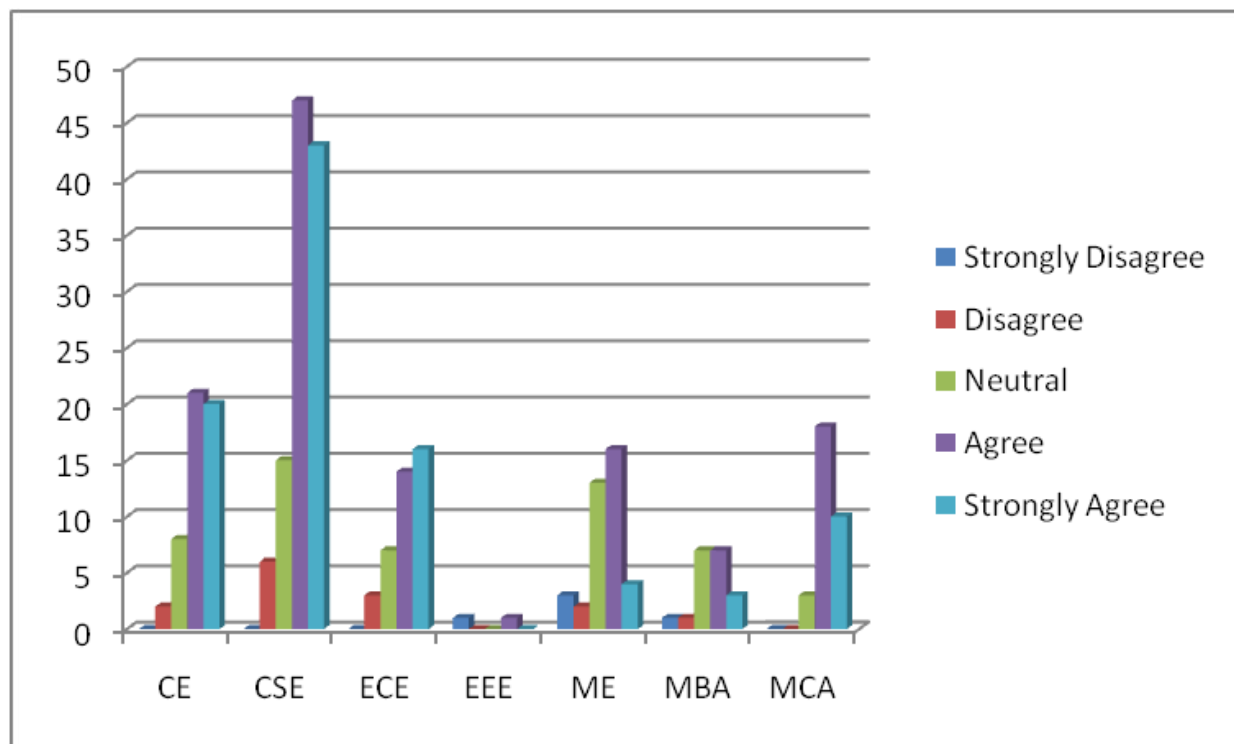
Question 6 : Curriculum is relevant for the solution of practical problems

SL No	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	11	24	16
2	CSE	0	3	16	48	44
3	ECE	0	1	7	15	16
4	EEE	1	0	0	0	1
5	ME	0	1	20	13	4
6	MBA	1	1	6	7	4
7	MCA	0	1	5	14	11



Question 7 : Sufficiency of skill-based content in current syllabus

SL No	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	2	8	21	20
2	CSE	0	6	15	47	43
3	ECE	0	3	7	14	16
4	EEE	1	0	0	1	0
5	ME	3	2	13	16	4
6	MBA	1	1	7	7	3
7	MCA	0	0	3	18	10





TEACHER FEEDBACK ANALYSIS

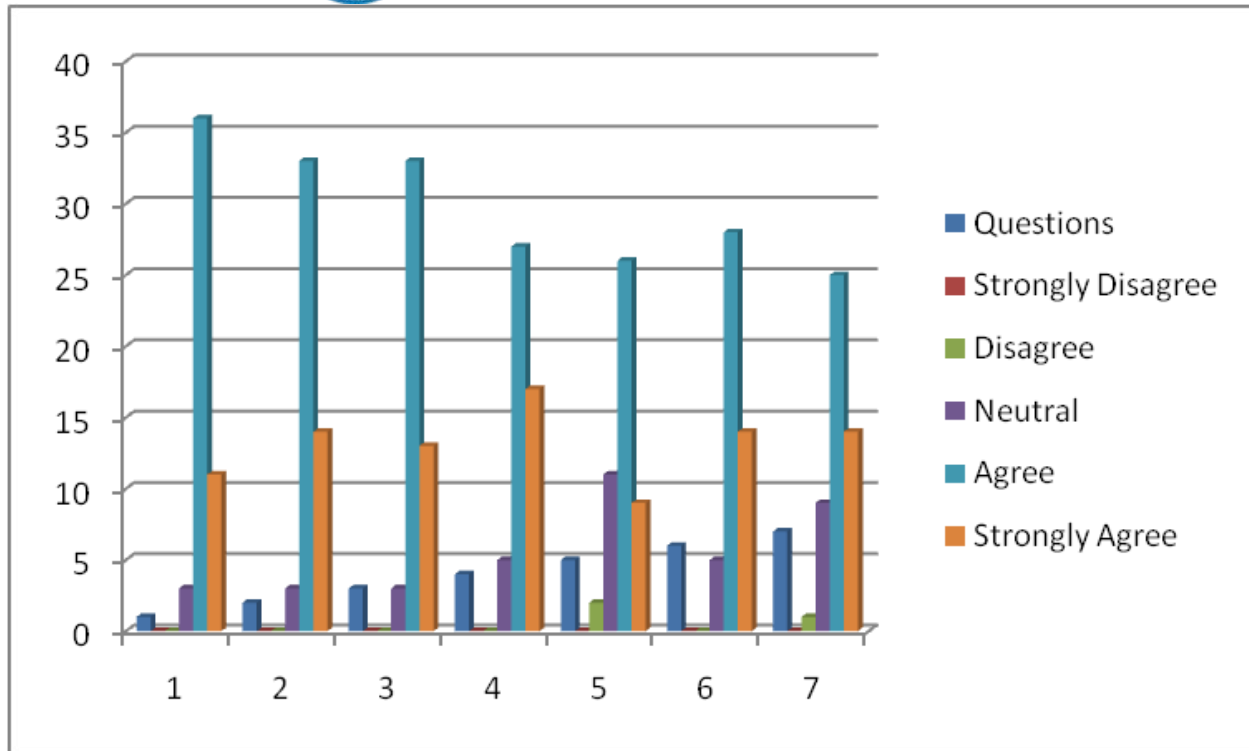
As part of the evaluation of the curriculum, our institution has conducted a feedback survey for faculty involved in the teaching-learning process. The institution has collected 50 responses from eight branches and the response details of the faculty as stakeholders is given in the tabular form below:

Stakeholder	Branch	No. of Feedback responses collected
Faculty Members	ASH	3
	CE	7
	CSE	15
	ECE	6
	EEE	8
	ME	4
	MBA	2
	MCA	5



Based on the feedback given by the faculty members, the analysis was carried out for each question and the same is compared for different branches.

SL No	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	0	0	3	36	11
2	Curriculum Teaching & Learning interesting	0	0	3	33	14
3	Curriculum satisfies your passion of learning	0	0	3	33	14
4	Curriculum shaped your professional aspiration well	0	0	5	27	18
5	Curriculum applicable in your daily life	0	2	12	27	9
6	Curriculum is relevant for the solution of practical problems	0	0	5	29	16
7	Sufficiency of skill-based content in current syllabus	0	2	9	25	14



Teachers Feedback Analysis

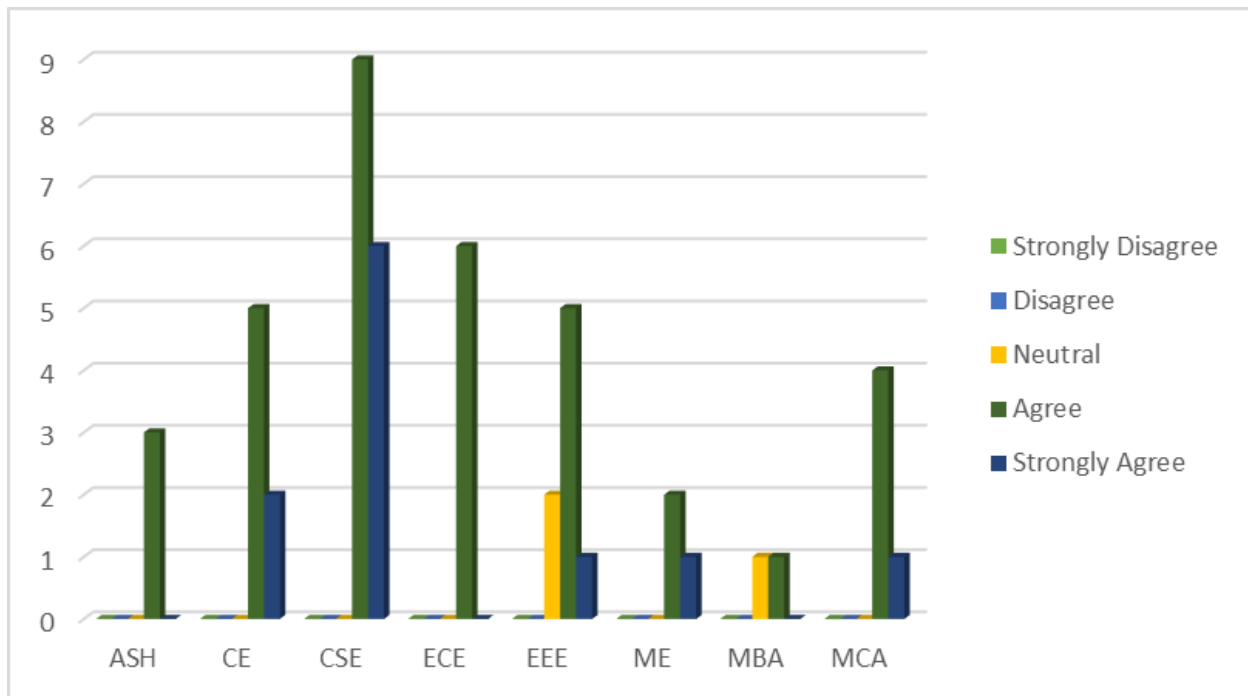
The department wise analysis for each question is as follows:

Question 1 : Curriculum updated enough

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	ASH	0	0	0	3	0
2	CE	0	0	0	5	2
3	CSE	0	0	0	9	6



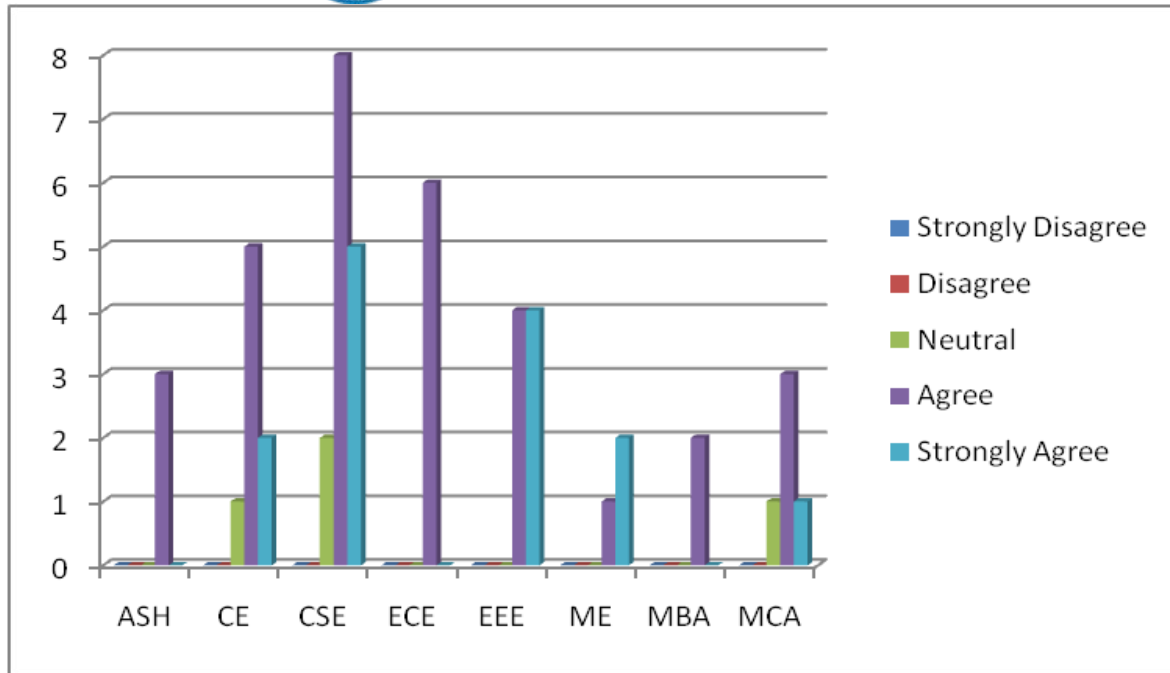
4	ECE	0	0	0	6	0
5	EEE	0	0	2	5	1
6	ME	0	0	0	2	1
7	MBA	0	0	1	1	0
8	MCA	0	0	0	4	1





Question 2 : Curriculum Teaching & Learning interesting

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	ASH	0	0	0	3	0
2	CE	0	0	1	5	2
3	CSE	0	0	2	8	5
4	ECE	0	0	0	6	0
5	EEE	0	0	0	4	4
6	ME	0	0	0	1	2
7	MBA	0	0	0	2	0
8	MCA	0	0	1	3	1

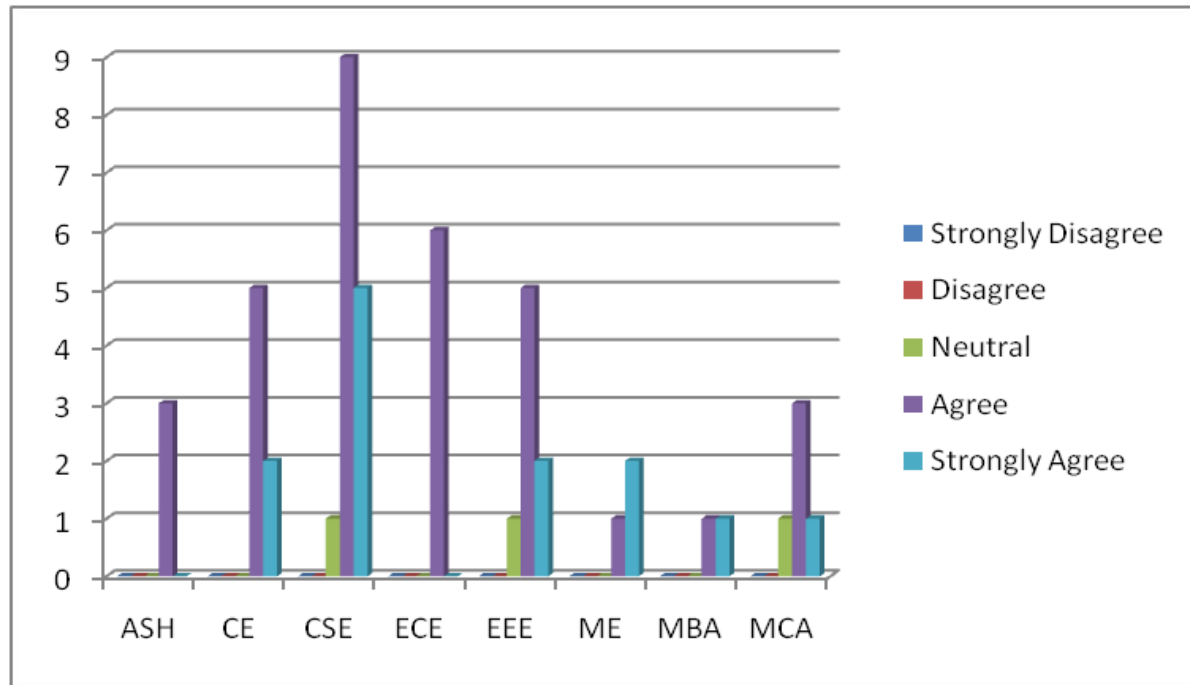


Question 3 : Curriculum satisfies your passion of learning

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	ASH	0	0	0	3	0
2	CE	0	0	0	5	2
3	CSE	0	0	1	9	5
4	ECE	0	0	0	6	0
5	EEE	0	0	1	5	2
6	ME	0	0	0	1	2



7	MBA	0	0	0	1	1
8	MCA	0	0	1	3	1

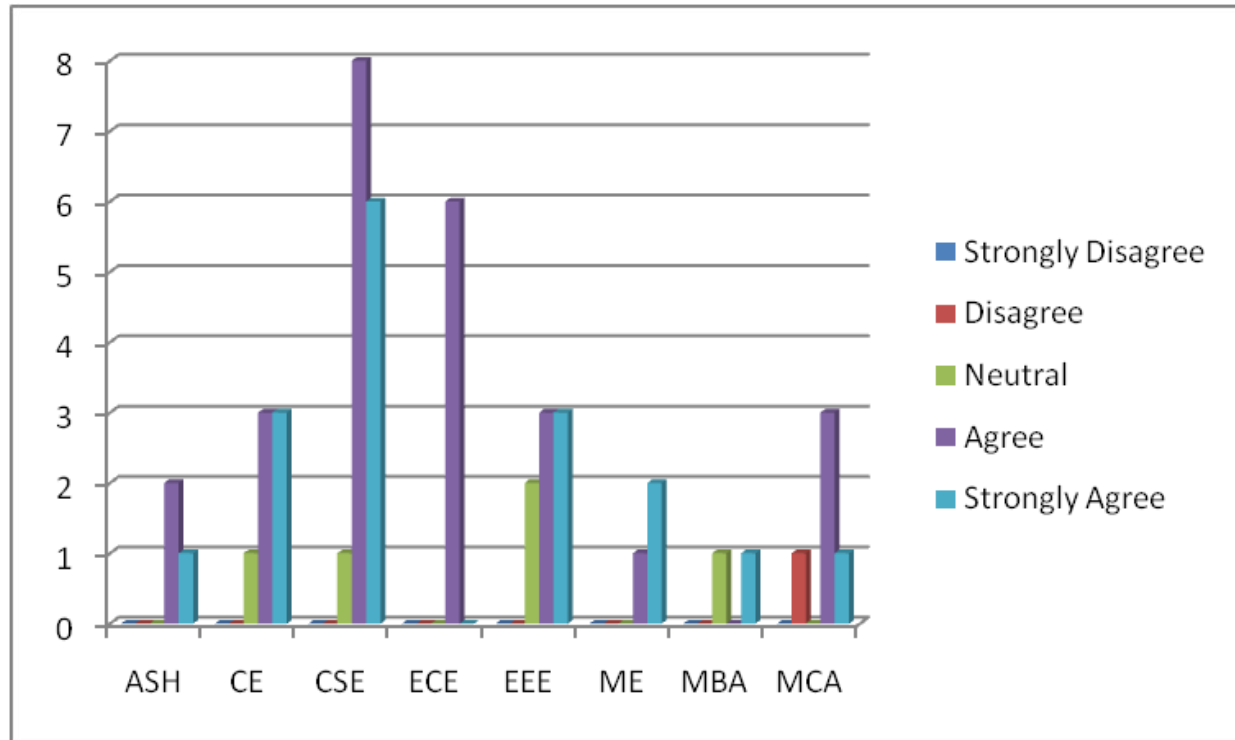


Question 4 : Curriculum shaped your professional aspiration well

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	ASH	0	0	0	2	1
2	CE	0	0	1	3	3
3	CSE	0	0	1	8	6
4	ECE	0	0	0	6	0
5	EEE	0	0	2	3	3



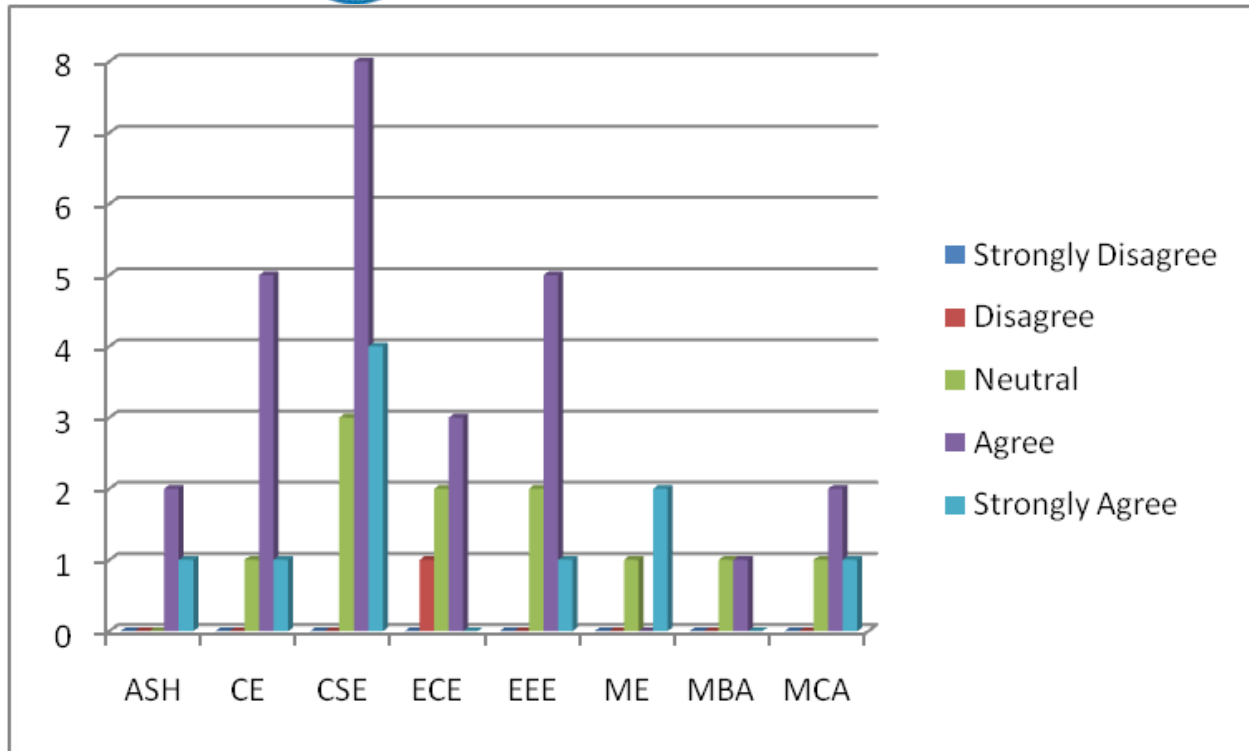
6	ME	0	0	0	1	2
7	MBA	0	0	1	0	1
8	MCA	0	1	0	3	1





Question 5 : Curriculum applicable in your daily life

Sl.No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	ASH	0	0	0	2	1
2	CE	0	0	1	5	1
3	CSE	0	0	3	8	4
4	ECE	0	1	2	3	0
5	EEE	0	0	2	5	1
6	ME	0	0	1	0	2
7	MBA	0	0	1	1	0
8	MCA	0	0	1	2	1

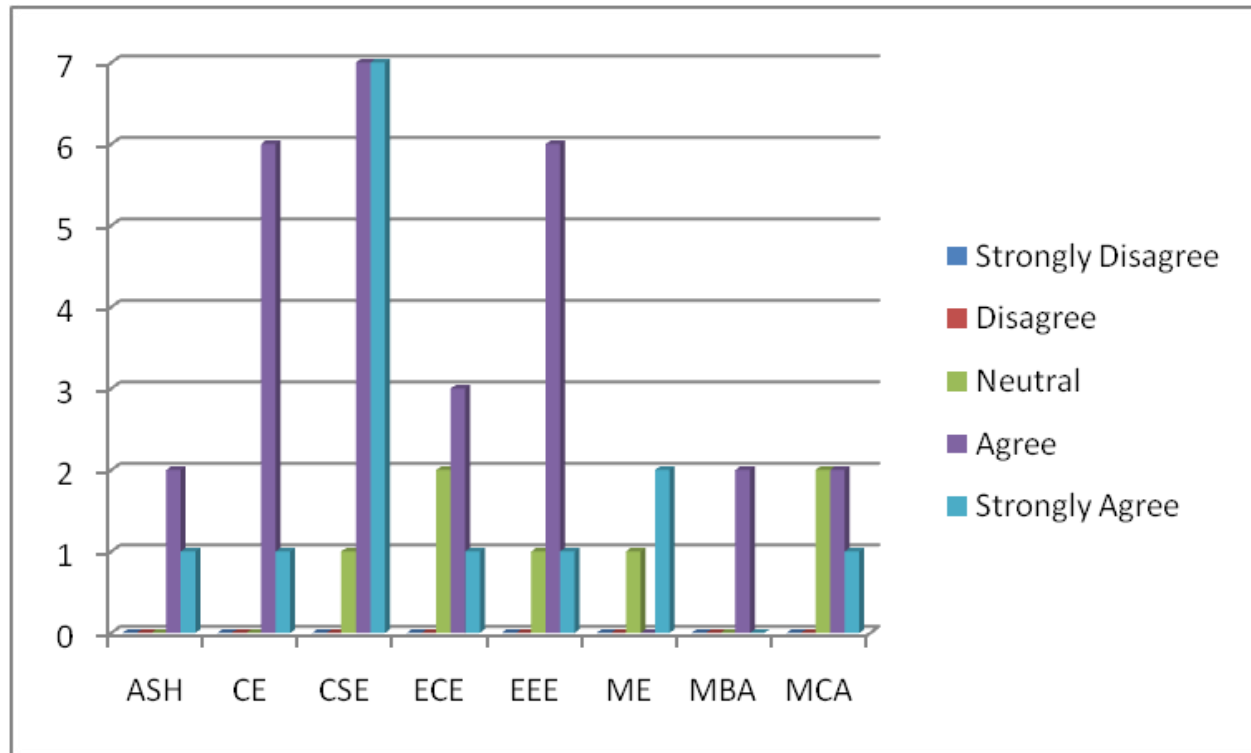


Question 6 : Curriculum is relevant for the solution of practical problems

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	ASH	0	0	0	2	1
2	CE	0	0	0	6	1
3	CSE	0	0	1	7	7
4	ECE	0	0	2	3	1
5	EEE	0	0	1	6	1
6	ME	0	0	1	0	2



7	MBA	0	0	0	2	0
8	MCA	0	0	2	2	1

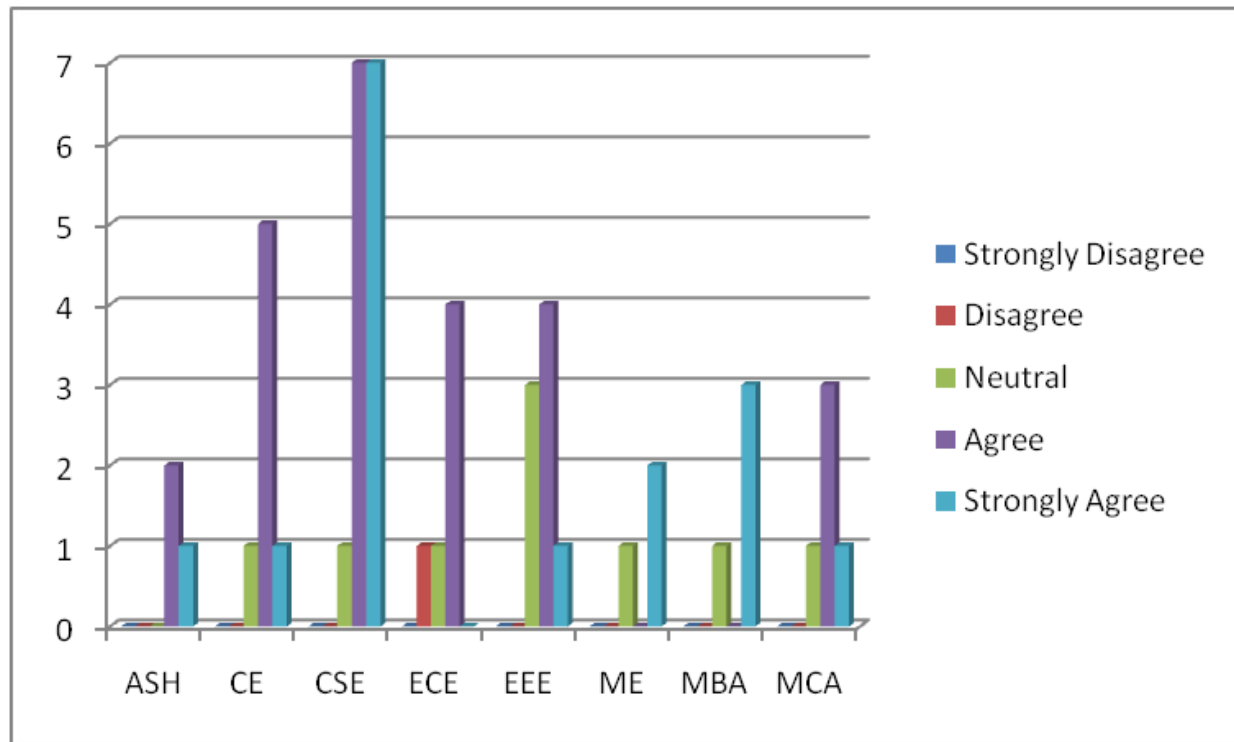


Question 7 : Sufficiency of skill-based content in current syllabus

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	ASH	0	0	0	2	1
2	CE	0	0	1	5	1
3	CSE	0	0	1	7	7



4	ECE	0	1	1	4	0
5	EEE	0	0	3	4	1
6	ME	0	0	1	0	2
7	MBA	0	0	1	0	3
8	MCA	0	0	1	3	1





ALUMNI FEEDBACK ANALYSIS

As part of the evaluation of the curriculum, our institution has conducted a feedback survey for Alumni. The institution has collected 39 responses from 7 branches and the response details of the Alumni as stakeholders is given in the tabular form below.

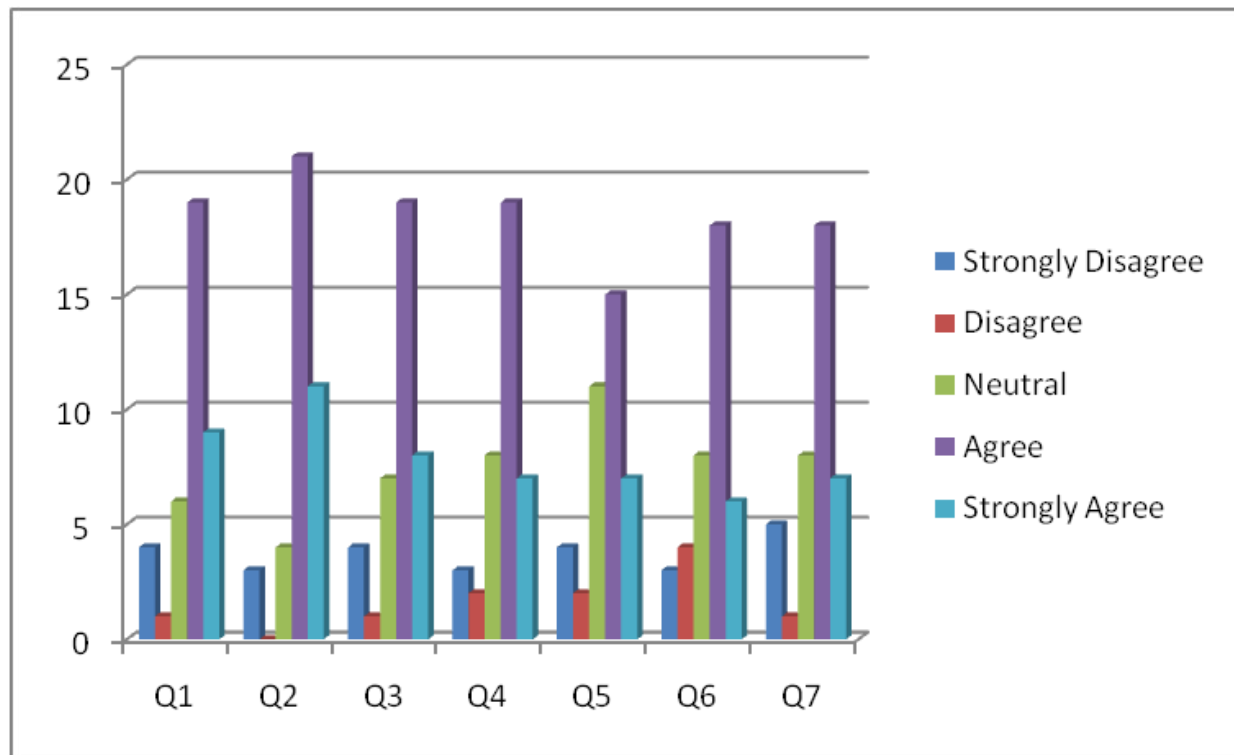
Stakeholder	Branch	No. of Feedback responses collected
Alumni	CE	1
	CSE	11
	ECE	10
	EEE	1
	ME	1
	MCA	15

Based on the feedback given by the Alumni, the analysis was carried out for each question and the same is compared for different branches.

Sl. No.	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	4	1	6	19	9
2	Curriculum Teaching & Learning interesting	3	0	4	21	11
3	Curriculum satisfies your passion	4	1	7	19	8



	of learning					
4	Curriculum shaped your professional aspiration well	3	2	8	19	7
5	Curriculum applicable in your daily life	4	2	11	15	7
6	Curriculum is relevant for the solution of practical problems	3	4	8	18	6
7	Sufficiency of skill based content in current syllabus	5	1	8	18	7



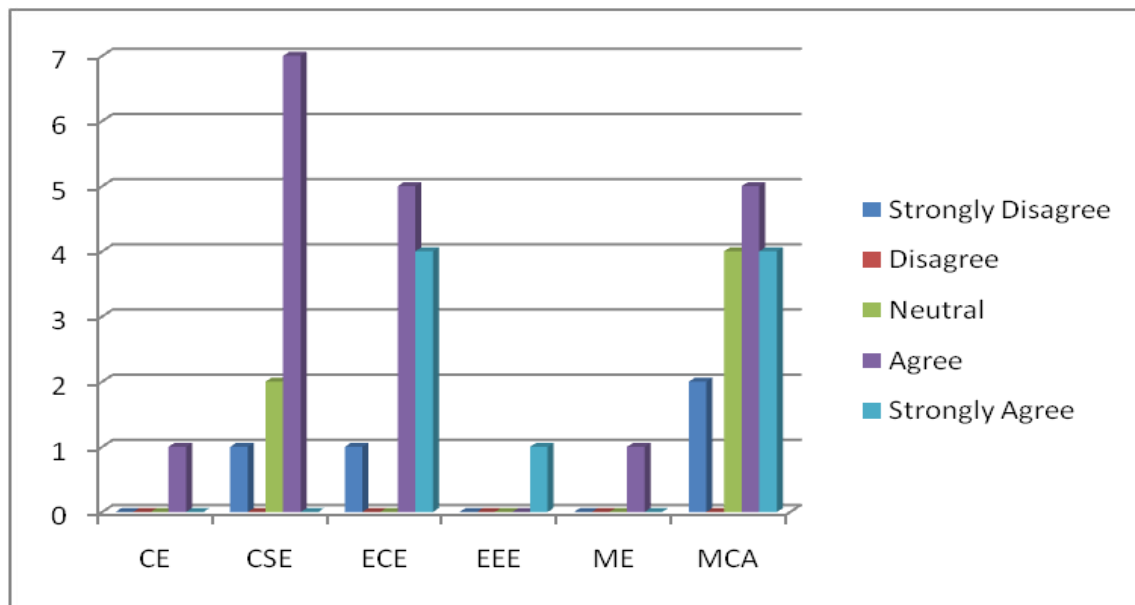
Alumni Feedback



The department wise analysis for each question is as follows:

Question 1 : Curriculum updated enough

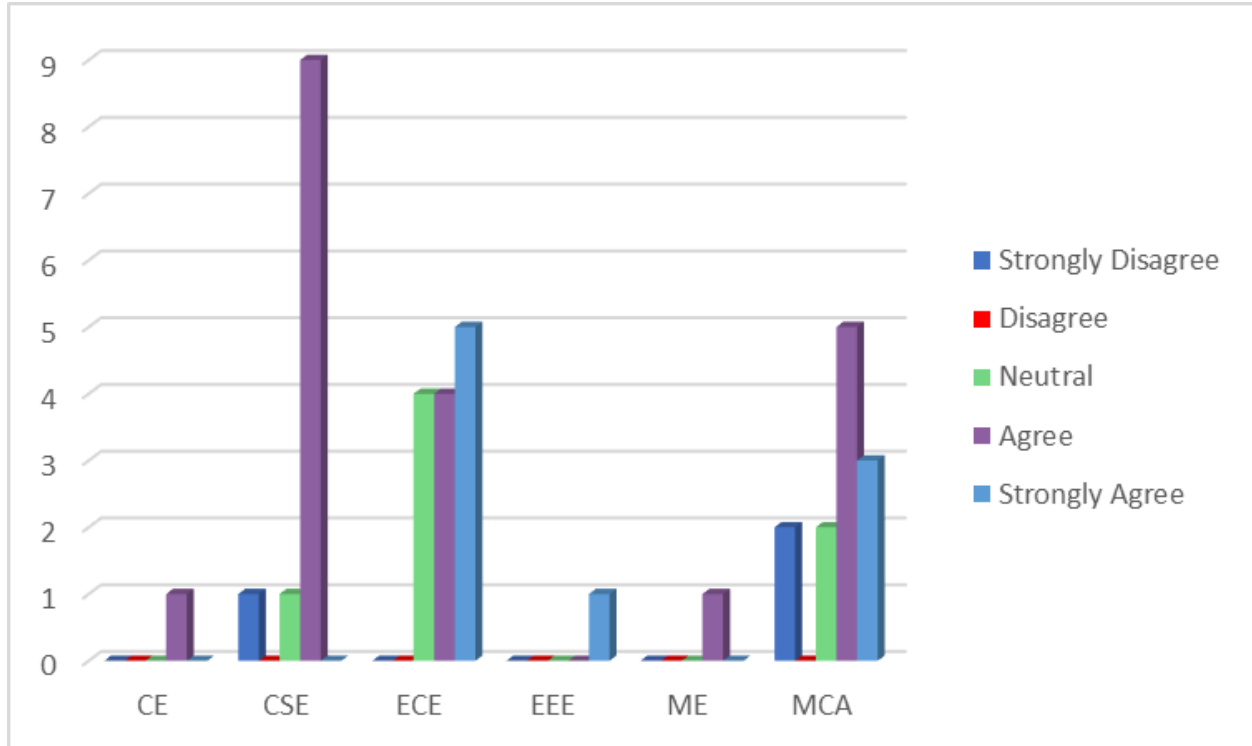
Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	0	1	0
2	CSE	1	0	2	7	0
3	ECE	1	0	0	5	4
4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	0	4	5	4





Question 2 : Curriculum Teaching & Learning interesting

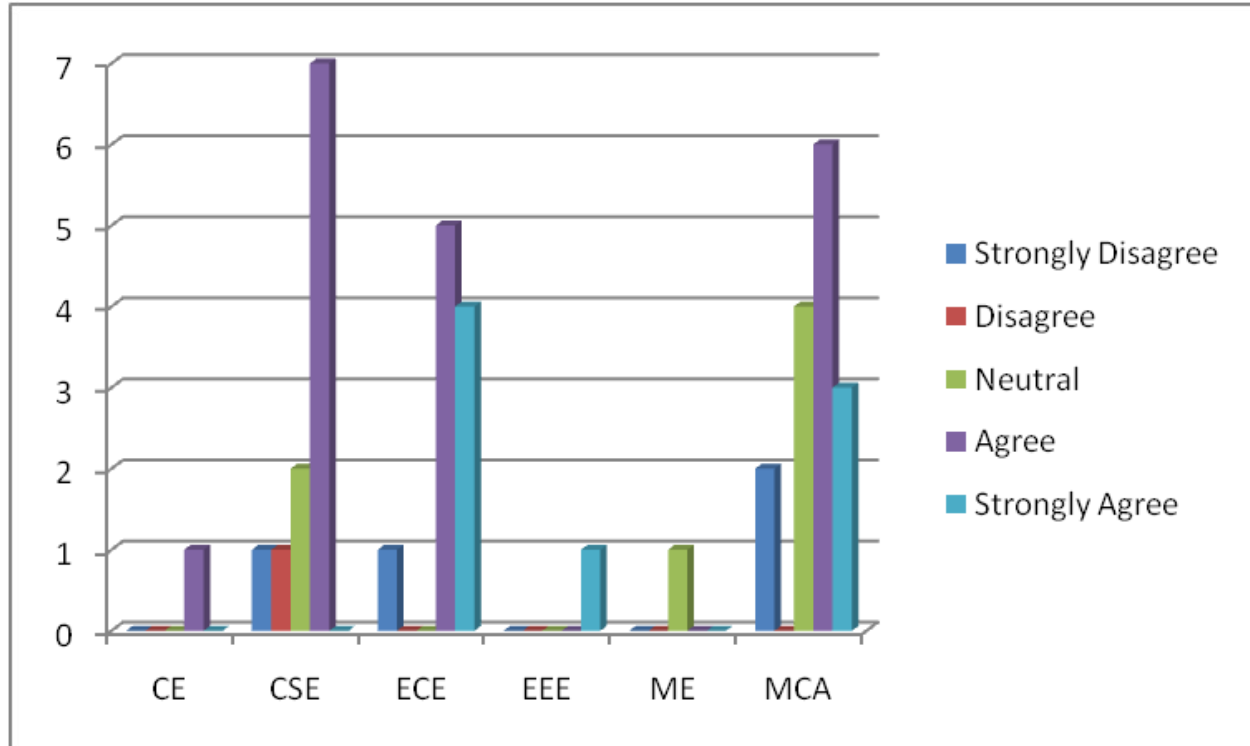
Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	0	1	0
2	CSE	1	0	1	9	0
3	ECE	0	0	4	4	5
4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	0	2	5	3





Question 3 : Curriculum satisfies your passion of learning

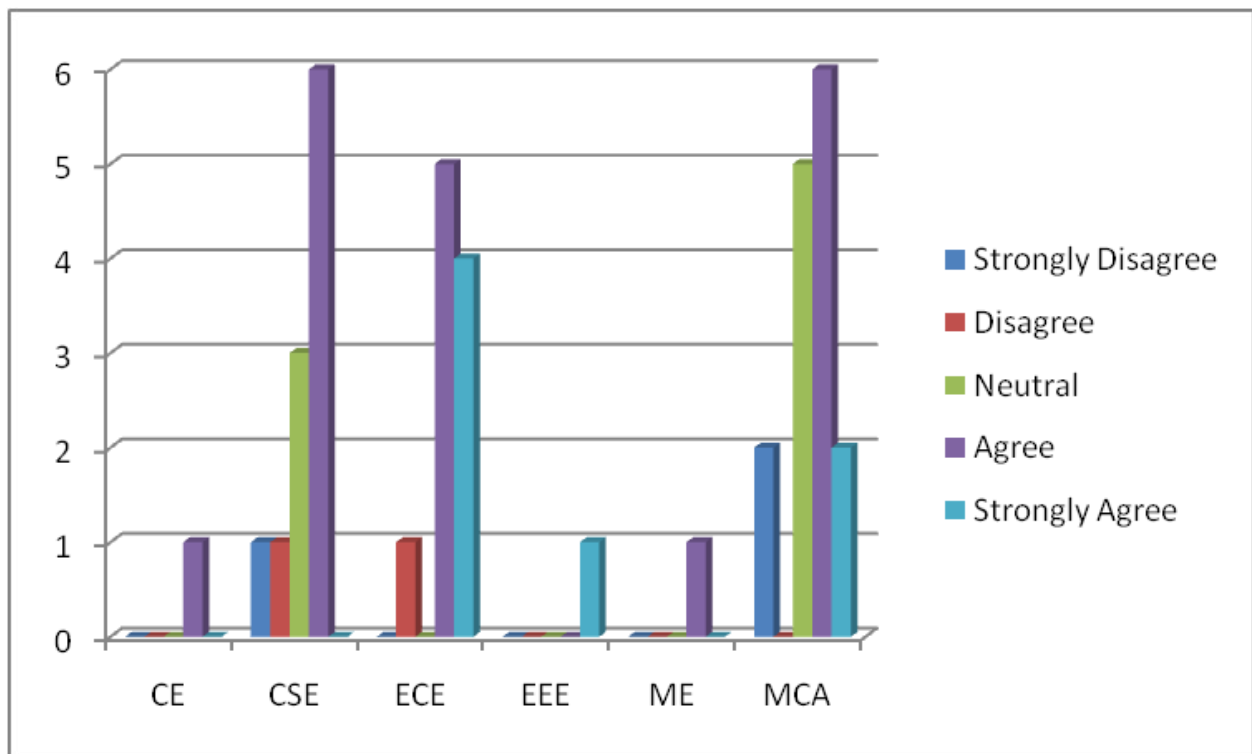
Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	0	1	0
2	CSE	1	1	2	7	0
3	ECE	1	0	0	5	4
4	EEE	0	0	0	0	1
5	ME	0	0	1	0	0
6	MCA	2	0	4	6	3





Question 4 : Curriculum shaped your professional aspiration well

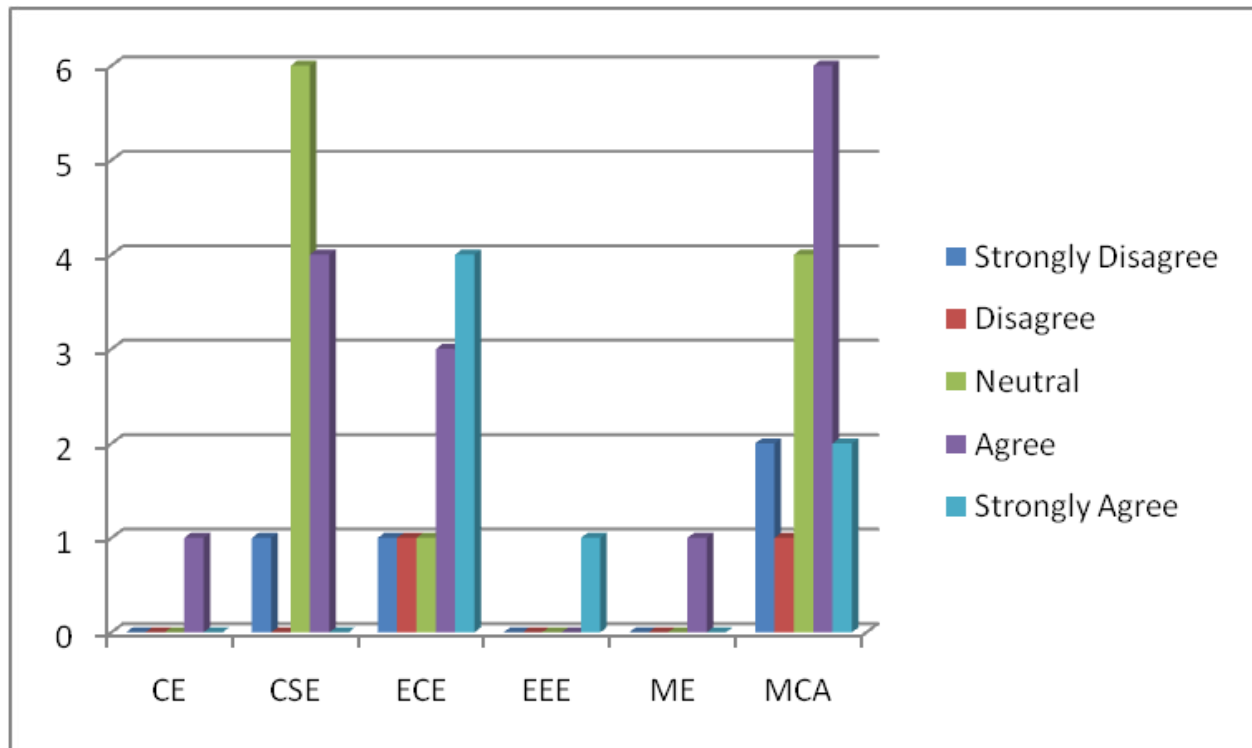
Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	0	1	0
2	CSE	1	1	3	6	0
3	ECE	0	1	0	5	4
4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	0	5	6	2





Question 5 : Curriculum applicable in your daily life

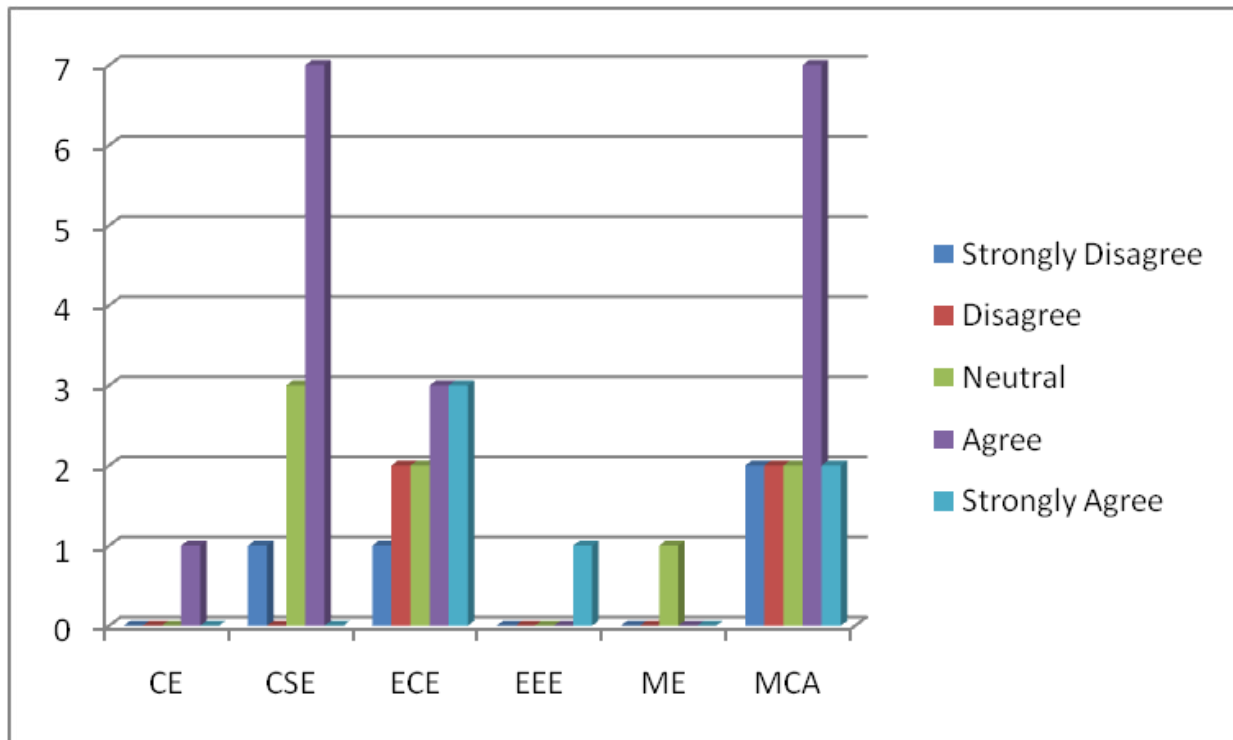
Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	0	1	0
2	CSE	1	0	6	4	0
3	ECE	1	1	1	3	4
4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	1	4	6	2





Question 6 : Curriculum is relevant for the solution of practical problems

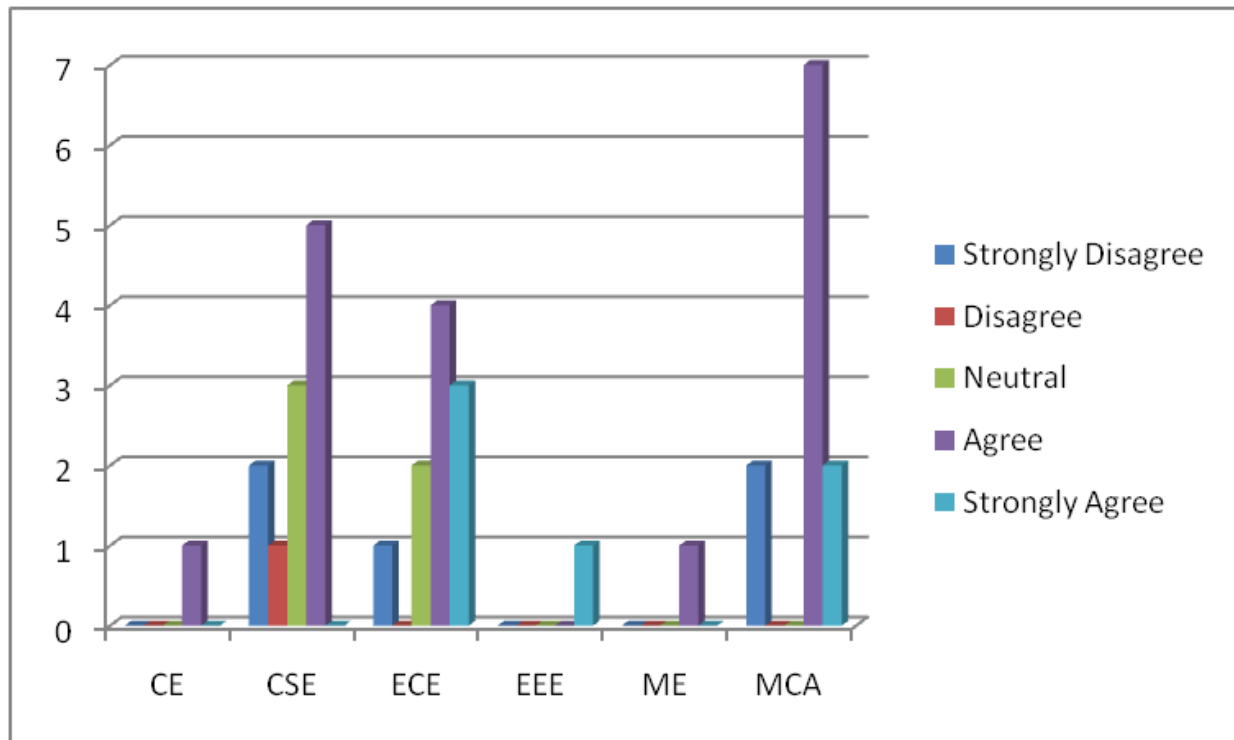
Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	0	1	0
2	CSE	1	0	3	7	0
3	ECE	1	2	2	3	3
4	EEE	0	0	0	0	1
5	ME	0	0	1	0	0
6	MCA	2	2	2	7	2





Question 7 : Sufficiency of skill-based content in current syllabus

Sl. No.	Branch	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	CE	0	0	0	1	0
2	CSE	2	1	3	5	0
3	ECE	1	0	2	4	3
4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	0	0	7	2





EMPLOYER FEEDBACK ANALYSIS

As part of the evaluation of the curriculum our institution has conducted a survey for employer feedback. The institution has collected 12 responses from organisations where our alumni are undergoing their job for the evaluation of the present curriculum.

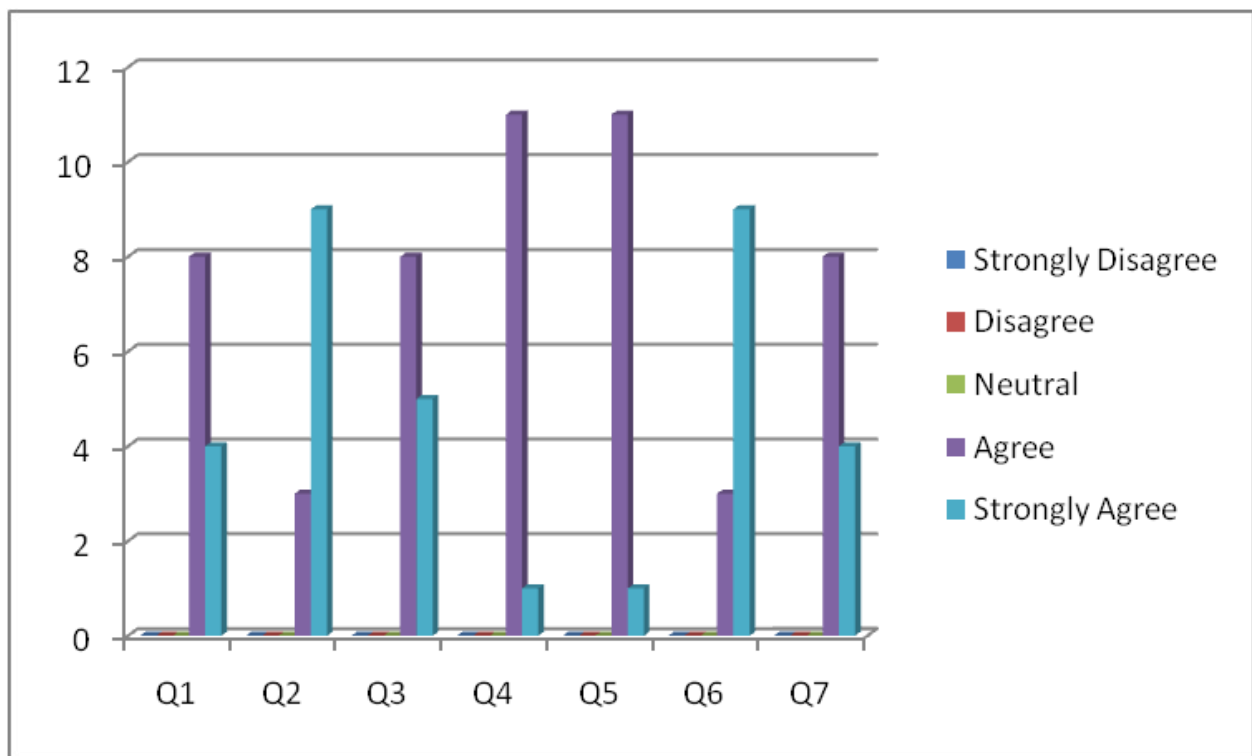
Stakeholder	Branch	No. of Feedback responses collected
Employer	CSE	10
	EEE	1
	ME	1

Based on the feedback given by the employers, the analysis was carried out for each question and the same is compared.

Sl. No.	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	0	0	0	8	4
2	Curriculum Teaching & Learning interesting	0	0	0	3	9
3	Curriculum satisfies your passion of learning	0	0	0	8	5
4	Curriculum shaped your professional aspiration well	0	0	0	11	1
5	Curriculum applicable in your daily life	0	0	0	11	1



6	Curriculum is relevant for the solution of practical problems	0	0	0	3	9
7	Sufficiency of skill based content in current syllabus	0	0	0	8	4



EMPLOYER FEEDBACK



DEPARTMENT OF CIVIL ENGINEERING

FEEDBACK ANALYSIS:

Feedback on the curriculum was sought and received from the major stakeholders students, teachers, alumni and employer. The questionnaire was provided to different stakeholders and the analysis was carried out to identify the lack in the curriculum. The findings from the analysis of stakeholder feedback on curriculum was as below and has been communicated to the Management and the Internal Quality Assurance Cell (IQAC).

- 1) The students of the department felt the need for more practical sessions.
- 2) The alumni and students recommended the need for more industrial visits and training.
- 3) The stakeholders also suggested including additional training in various softwares related to design, estimation etc.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK ANALYSIS:

The feedback taken from students, Teachers, Alumni and Employer suggested the following points:

- 1) The students and alumni opined that practical experience should be given to students from first year onwards.



- 2) It would be better if the curriculum is aligned more with industry needs.
- 3) The curriculum should focus more on practical industrial knowledge.

The findings from the analysis of stakeholder feedback on curriculum was as below and has been communicated to the Management and the Internal Quality Assurance Cell (IQAC).

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

ENGINEERING

FEEDBACK ANALYSIS:

The following suggestions were given in the stakeholder feedback conducted during 2022-23.

- 1) The students and alumni suggested that the curriculum must be changed to be more related to recent job opportunities in the engineering field.
- 2) The alumni and teachers opined that it would be better if skill based content is included in the syllabus rather than just bookish knowledge. This would effectively help the students to be industry ready and improve their Project management skills.



DEPARTMENT OF ELECTRICAL AND ELECTRONICS

ENGINEERING FEEDBACK ANALYSIS:

Feedback on the stakeholders for 2022-23 was conducted and communicated to the Management and IQAC. The main outcomes of the feedback are as follows:

- 1) The students suggested that the curriculum should focus on practical aspects.
- 2) The alumni also recommended that more skill based training and soft skills training should be given to students to make them competent and industry ready.

DEPARTMENT OF MECHANICAL ENGINEERING

FEEDBACK ANALYSIS:

The feedback on curriculum by the stakeholders in 2022-23 came up with the following recommendations:

- 1) The alumni and students mentioned the need for more practical oriented sessions.
- 2) The alumni suggested that there should be more industry academia interaction to enable the students to know the latest technical advancements.

The alumni also suggested that there should be more soft skill training and skill enrichment programs to the students to make them industry ready.



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DEPARTMENT OF COMPUTER APPLICATIONS

FEEDBACK ANALYSIS:

Feedback on the curriculum was sought and received from the major stakeholders students, teachers, alumni and employer. The findings from the analysis of stakeholder feedback on curriculum was as below and has been communicated to the Management and IQAC.

- 1) The students suggested the need for soft skills development.
- 2) The alumni and students also mentioned the need for more industry academia interaction.




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