



1.4.2 ACTION TAKEN REPORT BASED ON THE 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 2020-2021.

Mechanism of feedback

The feedback questionnaire was uploaded on the institution website with questions pertaining to “Design and Review of syllabus”. The weblink 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



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- 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.



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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.

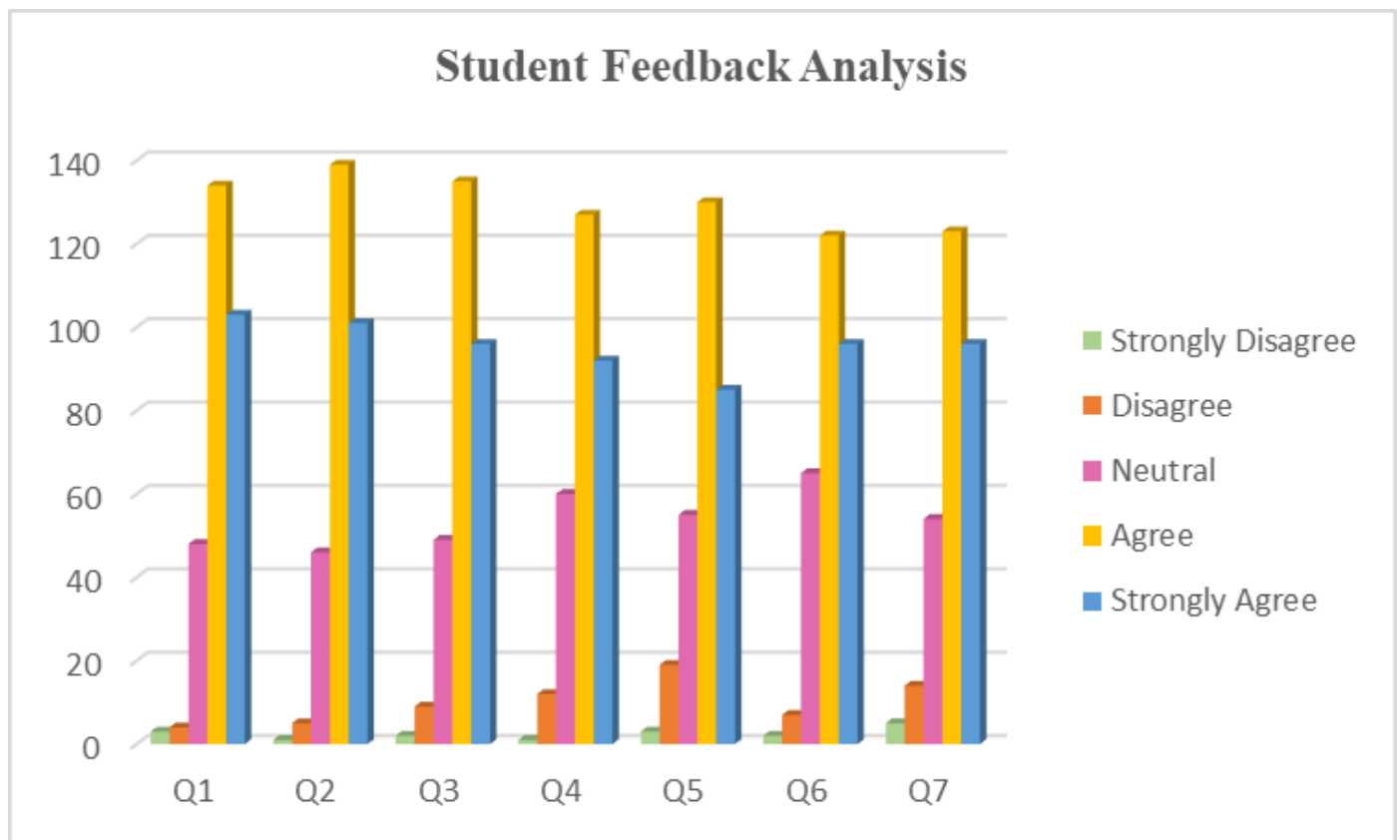
Sl. No.	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	3	4	48	134	103
2	Curriculum Teaching & Learning interesting	1	5	46	139	101
3	Curriculum satisfies your passion of learning	2	9	49	135	96



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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



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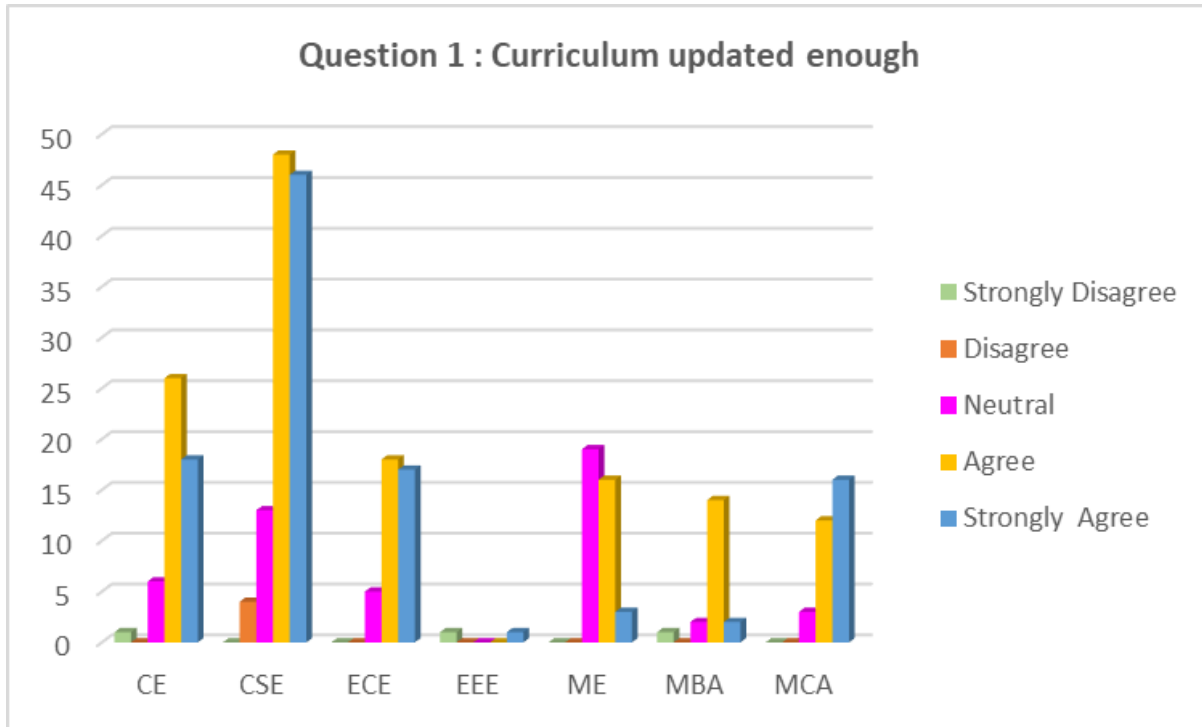
The branch wise student analysis is as follows:

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



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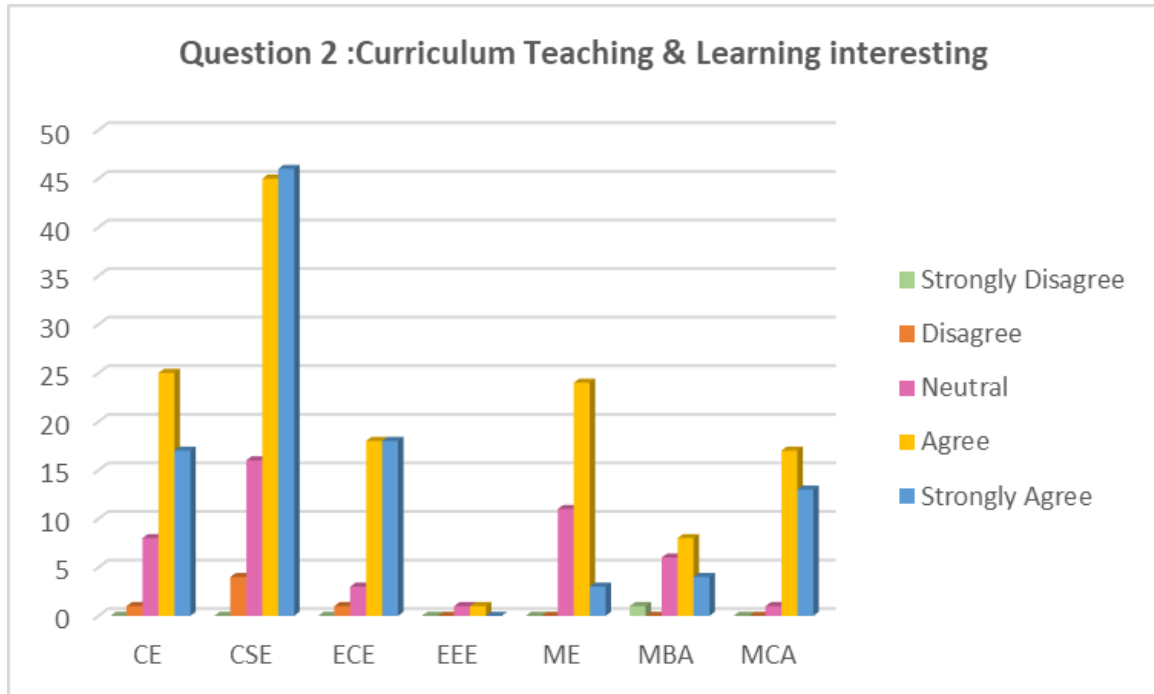
Question 2 :Curriculum Teaching & Learning interesting

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



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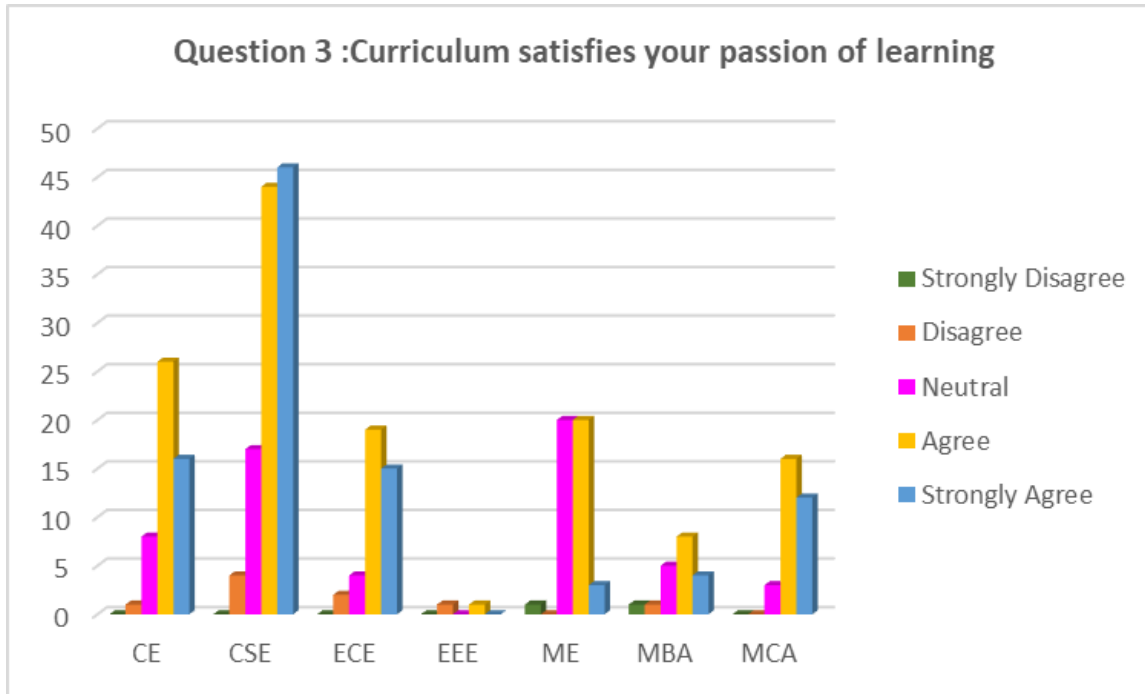
Question 3 :Curriculum satisfies your passion of learning

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



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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

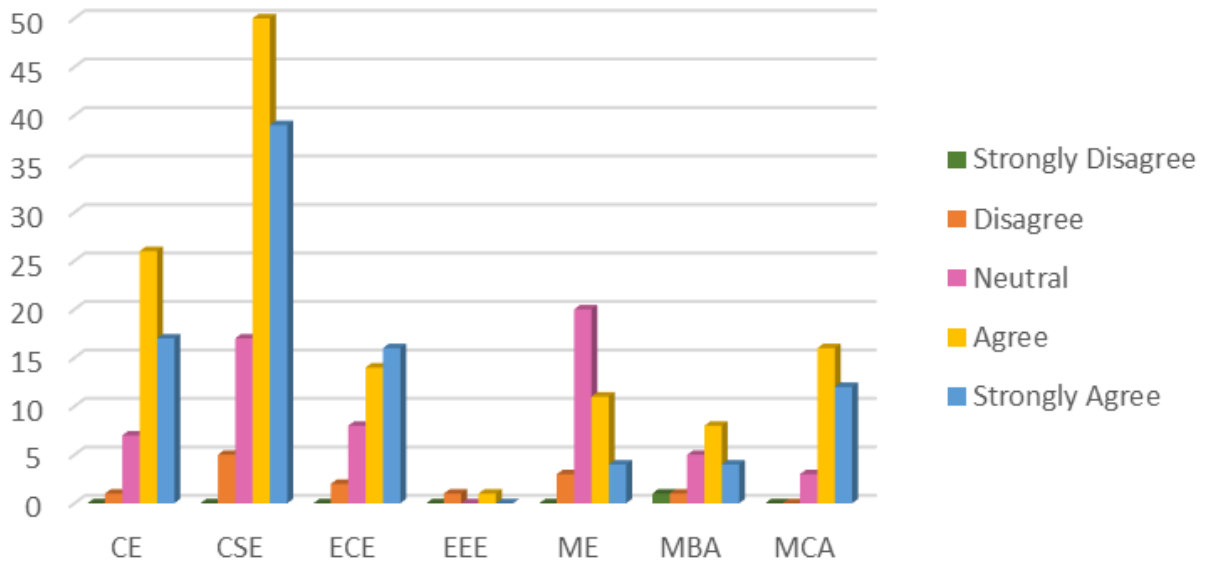


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Question 4 : Curriculum shaped your professional aspiration well



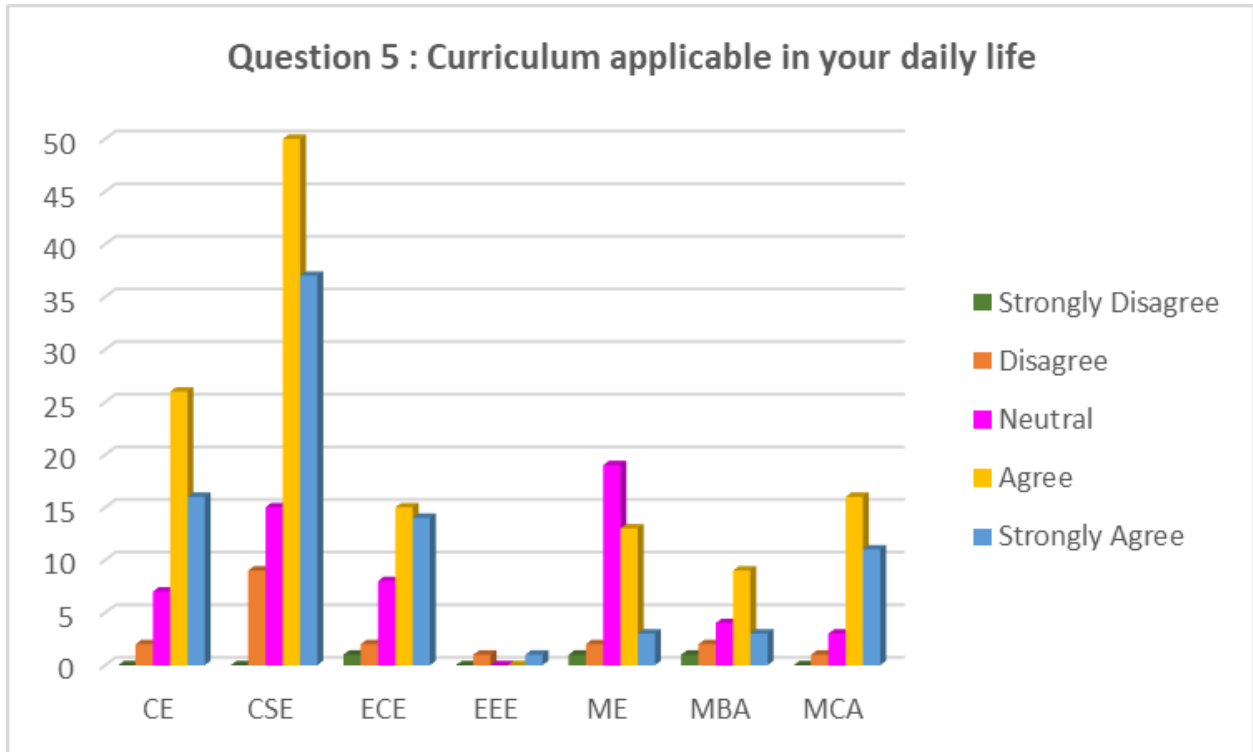
Question 5 : Curriculum applicable in your daily life

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



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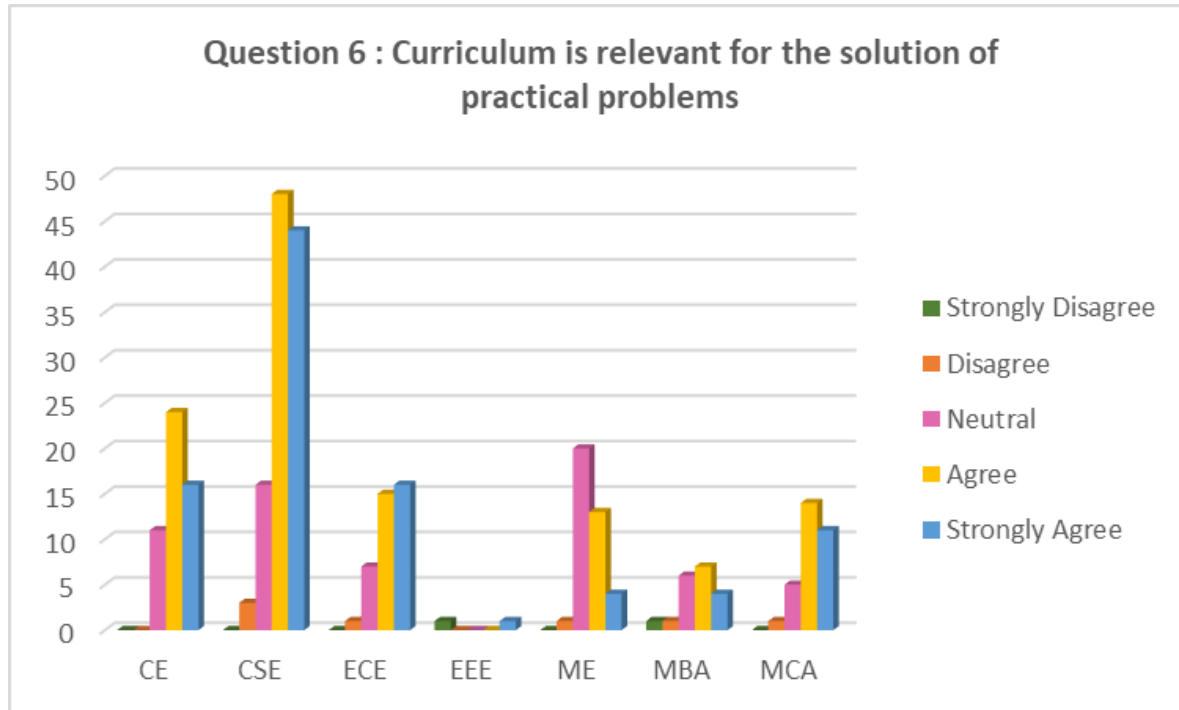
Question 6 : Curriculum is relevant for the solution of practical problems

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



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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

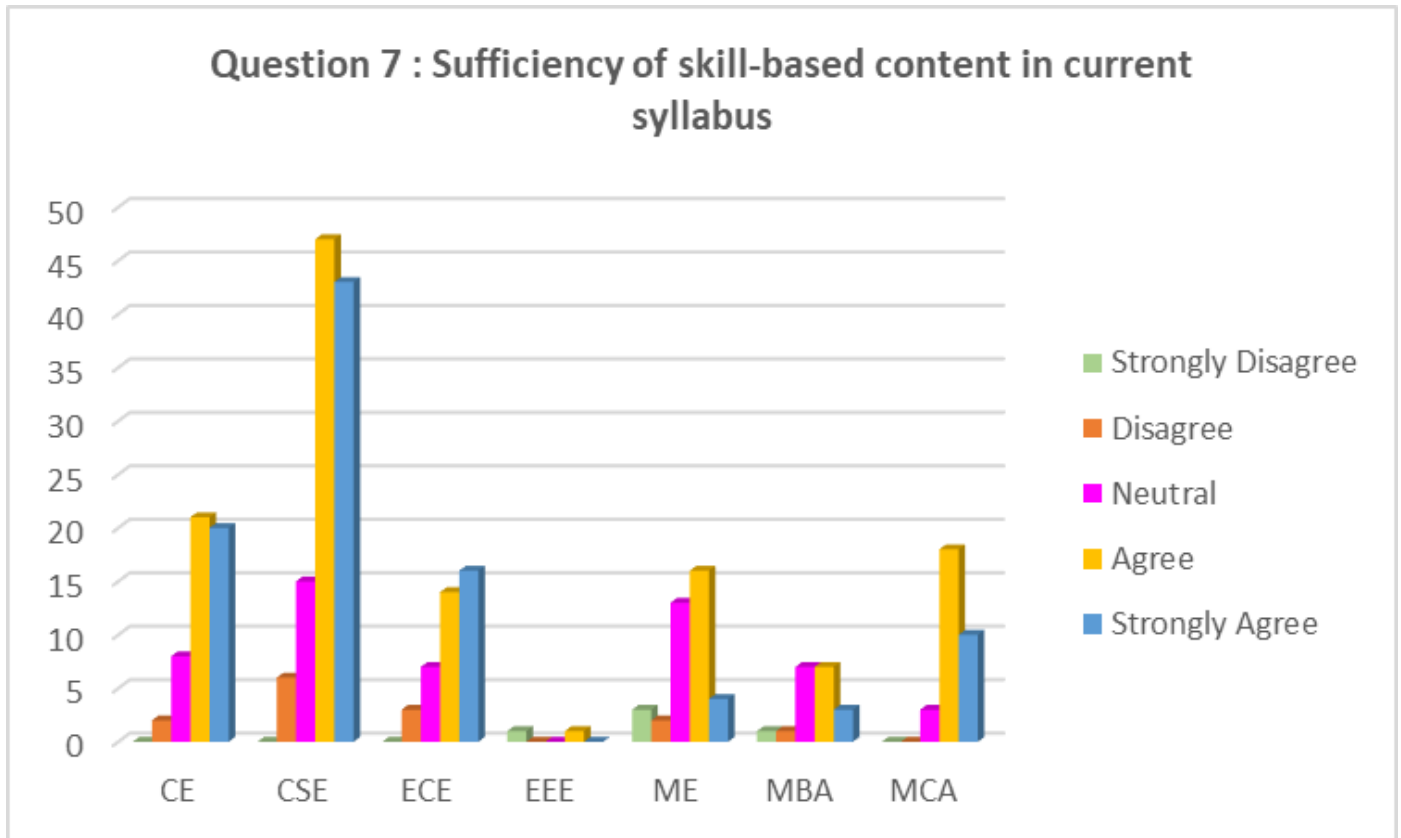


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6	MBA	1	1	7	7	3
7	MCA	0	0	3	18	10



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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.



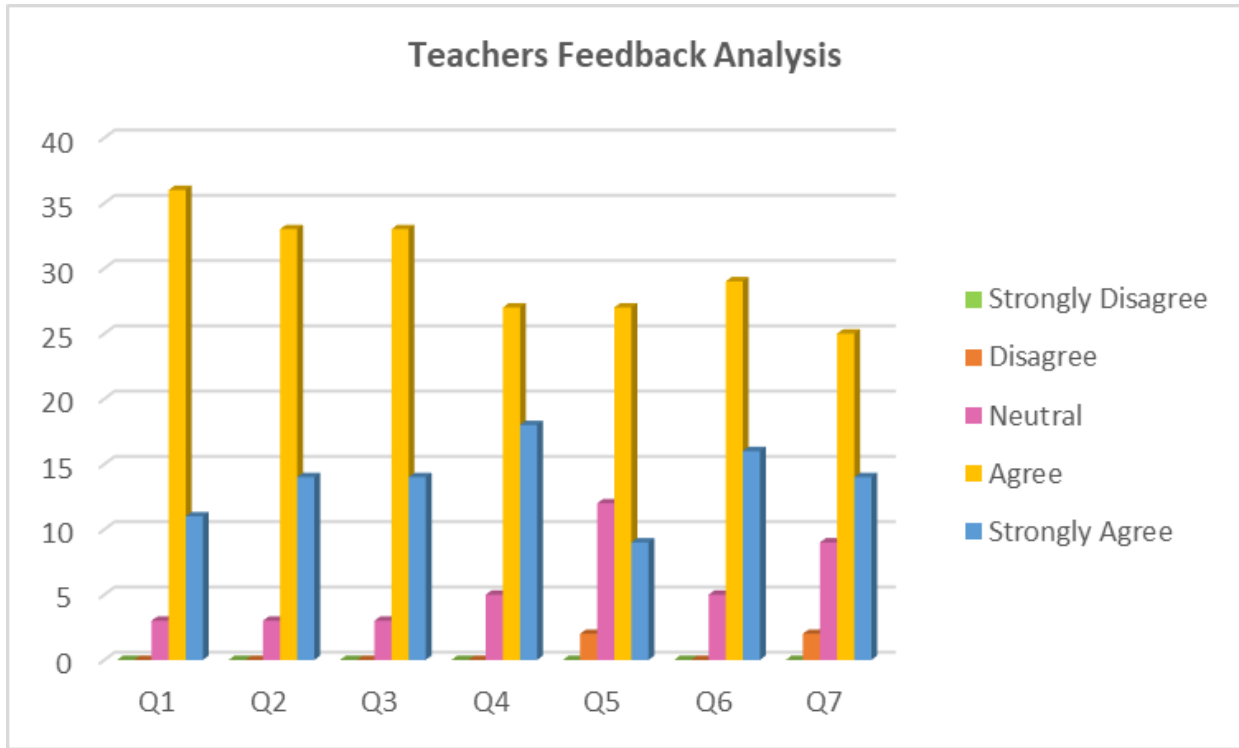
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SL No	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	0	0	3	36	11
2	Curriculum Teaching & Learning interesting	0	0	3	33	14
3	Curriculum satisfies your passion of learning	0	0	3	33	14
4	Curriculum shaped 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



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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

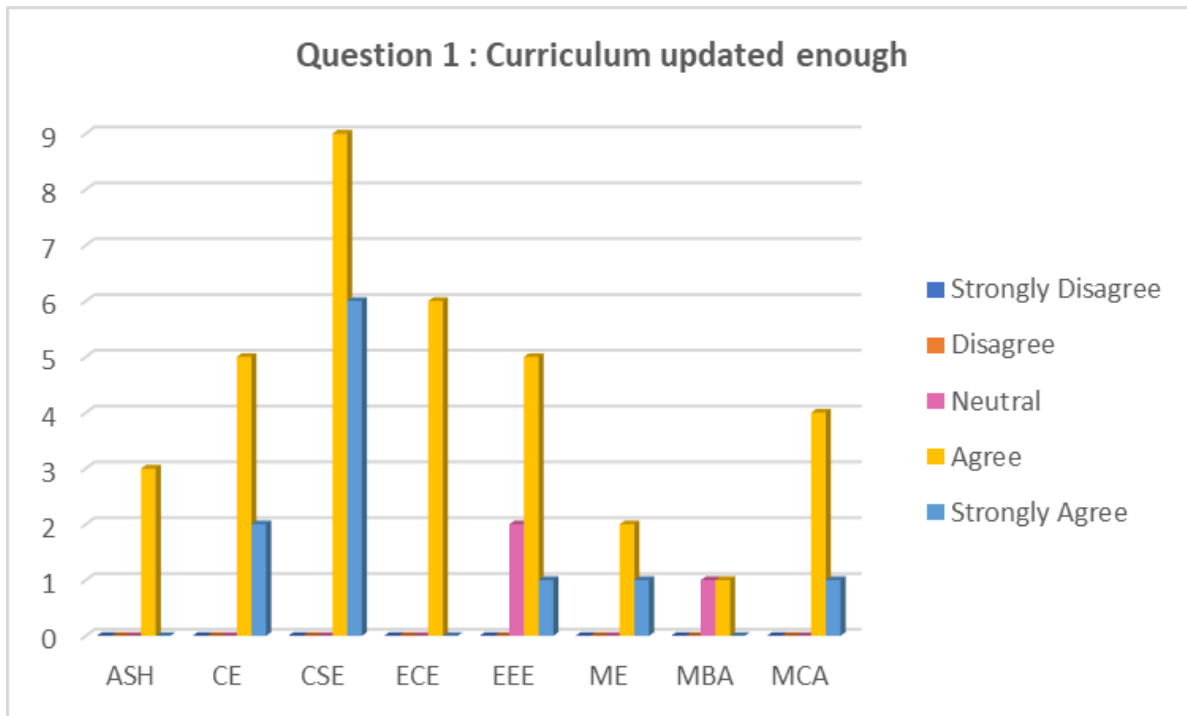


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4	ECE	0	0	0	6	0
5	EEE	0	0	2	5	1
6	ME	0	0	0	2	1
7	MBA	0	0	1	1	0
8	MCA	0	0	0	4	1



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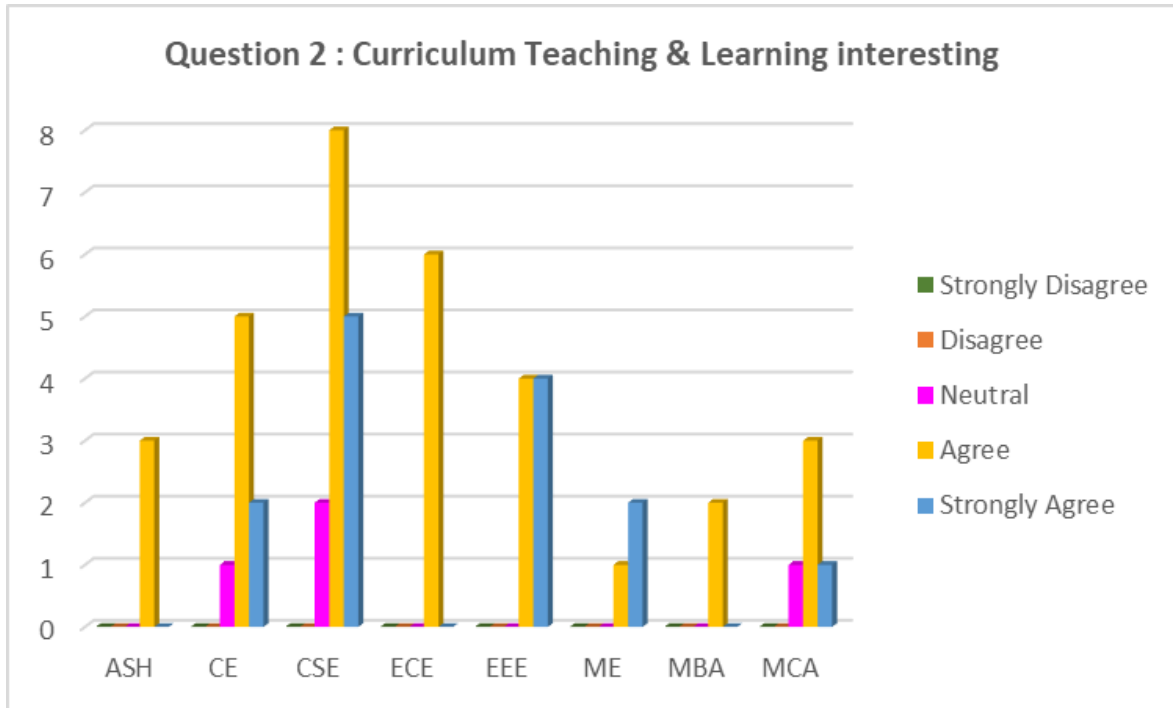


Question 2 : Curriculum Teaching & Learning interesting

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



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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

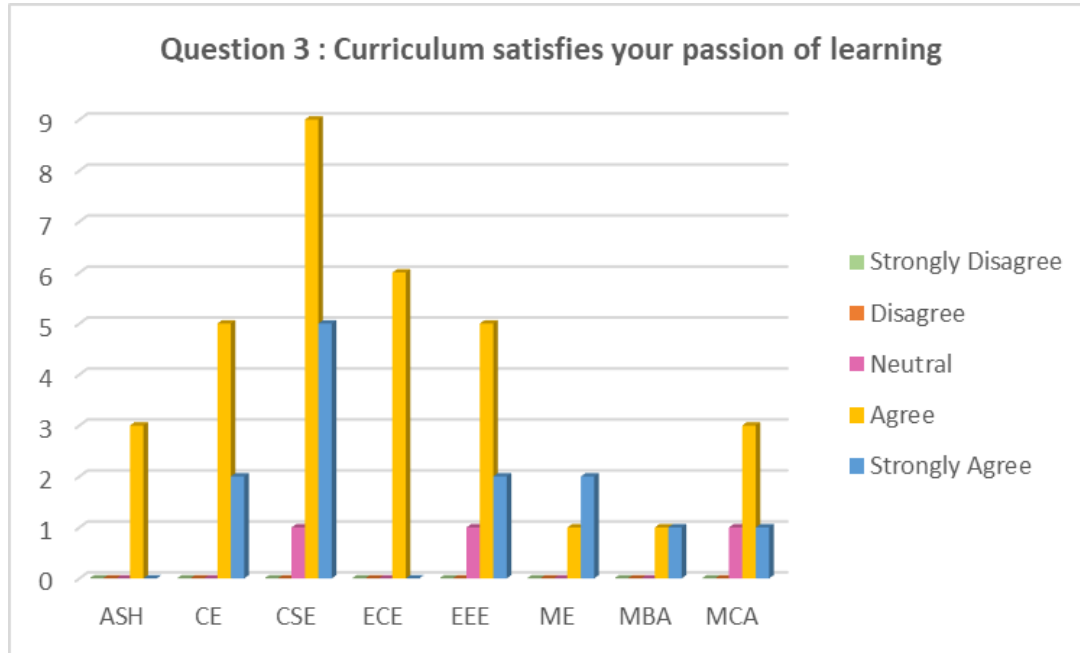


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8	MCA	0	0	1	3	1
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Question 4 : Curriculum shaped your professional aspiration well

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

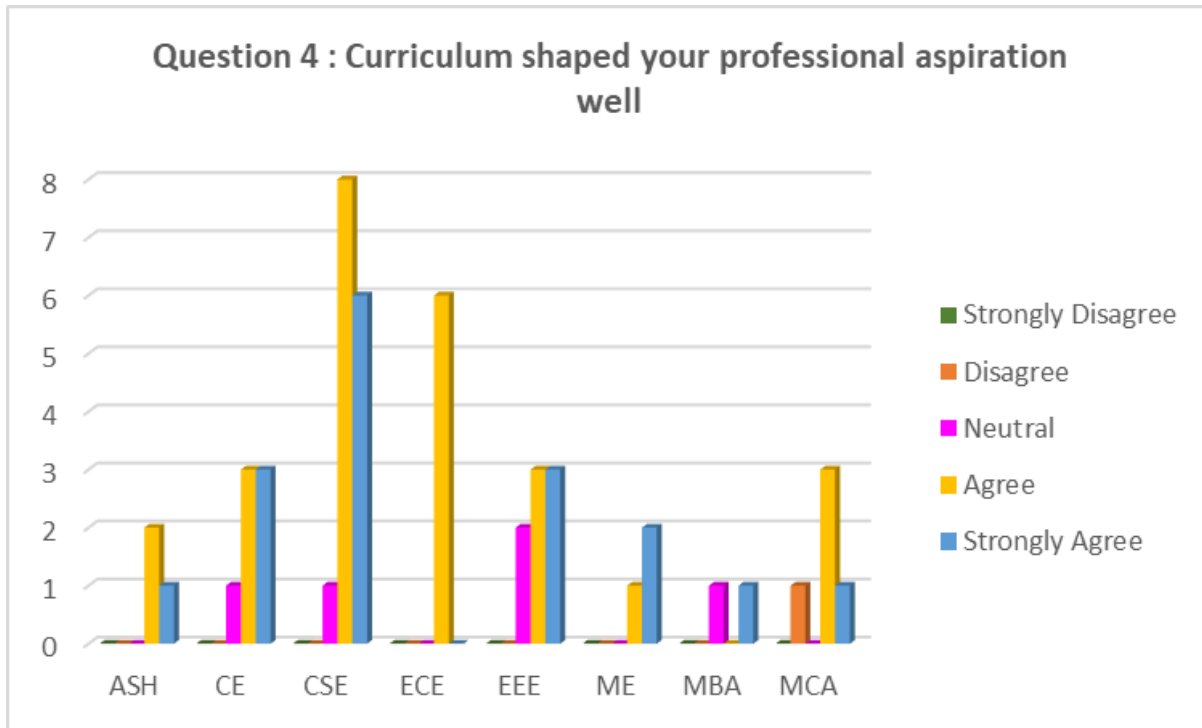


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7	MBA	0	0	1	0	1
8	MCA	0	1	0	3	1



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

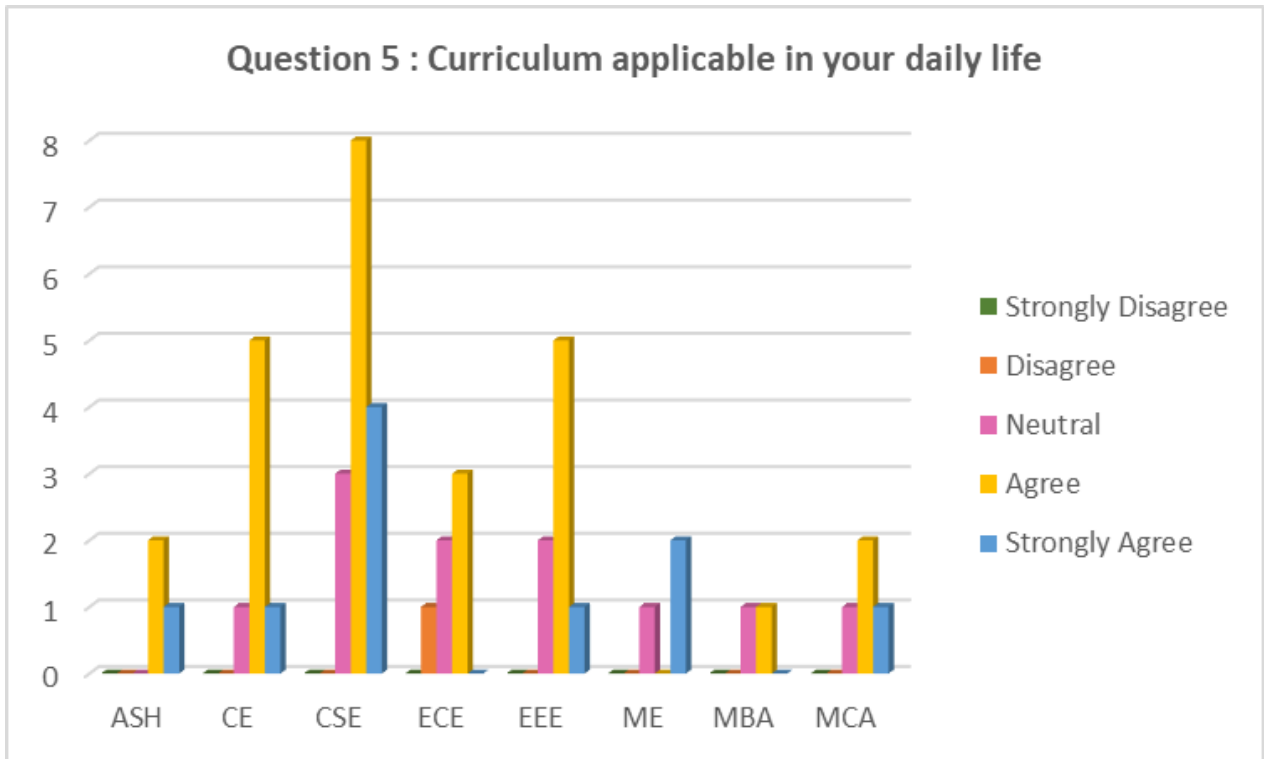


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5	EEE	0	0	2	5	1
6	ME	0	0	1	0	2
7	MBA	0	0	1	1	0
8	MCA	0	0	1	2	1



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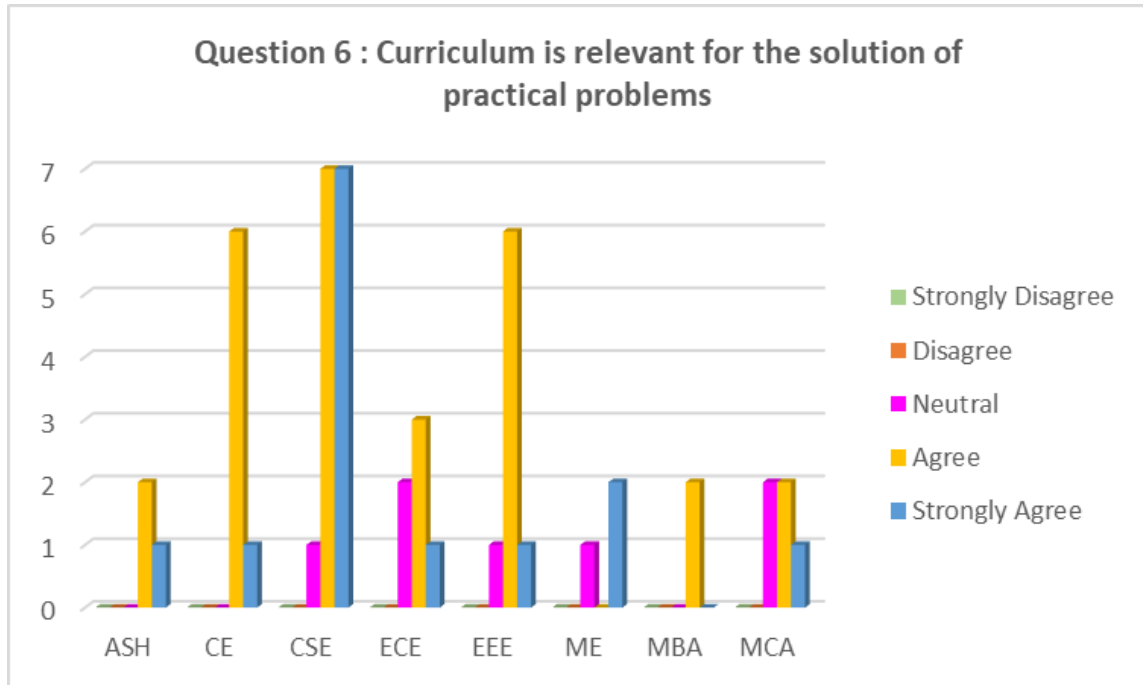


Question 6 : Curriculum is relevant for the solution of practical problems

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



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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

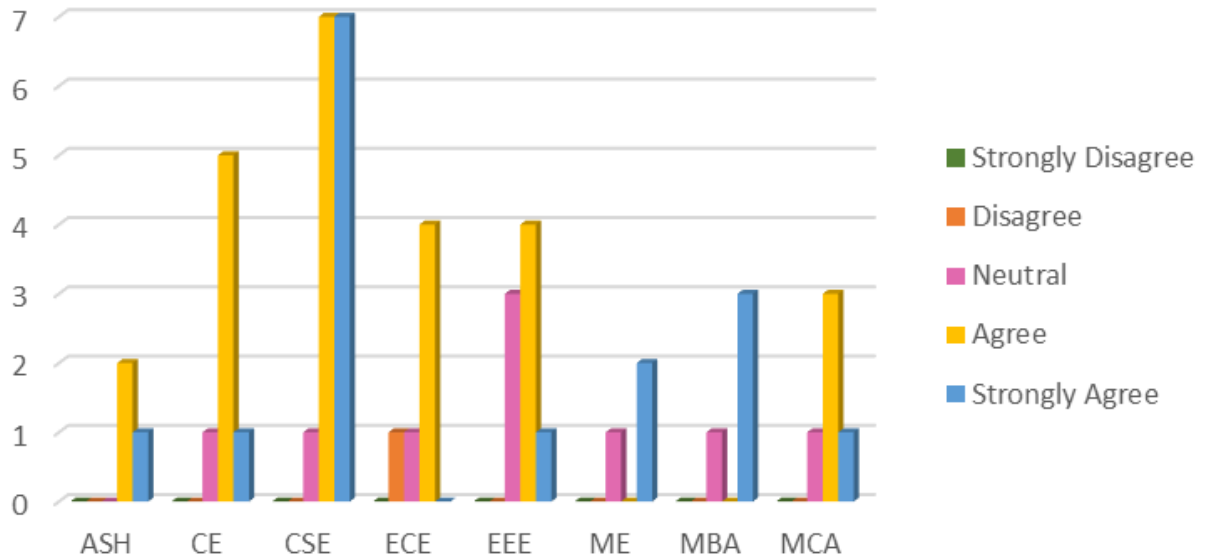


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ALUMNI FEEDBACK ANALYSIS

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.

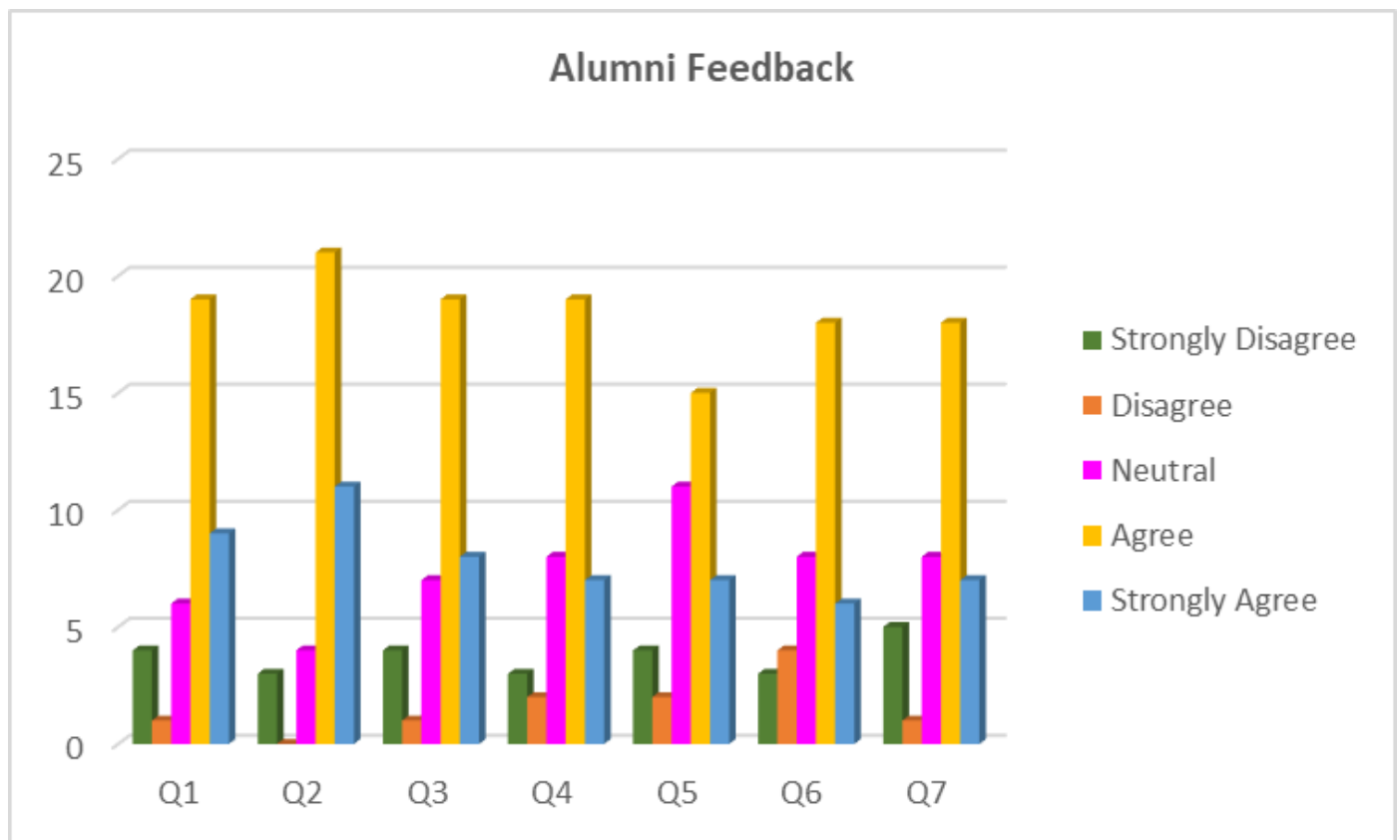
Sl. No.	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	4	1	6	19	9
2	Curriculum Teaching & Learning interesting	3	0	4	21	11
3	Curriculum satisfies your passion of learning	4	1	7	19	8



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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



The department wise analysis for each question is as follows:



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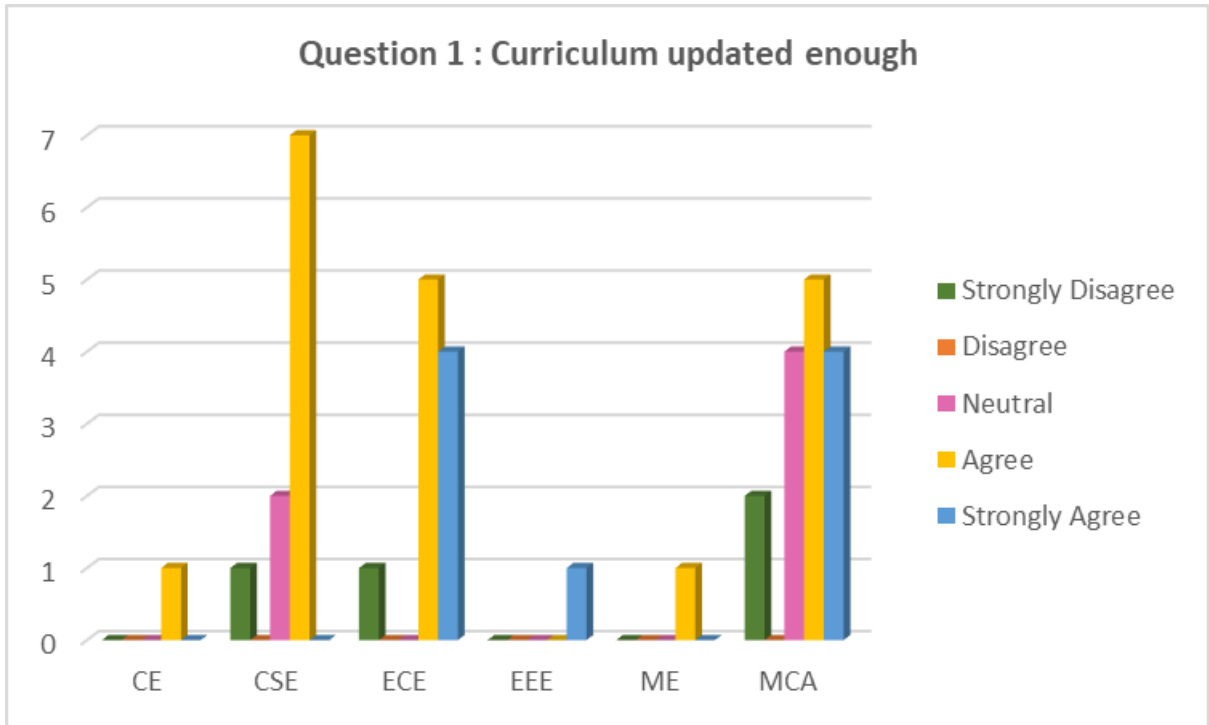


Question 1 : Curriculum updated enough

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



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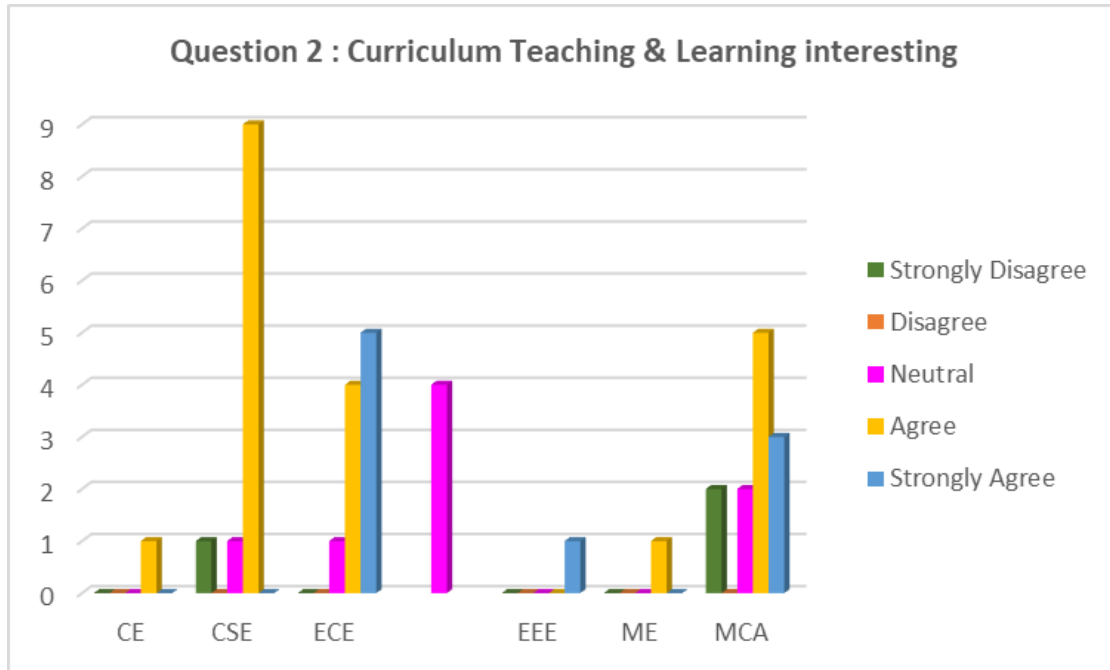
Question 2 : Curriculum Teaching & Learning interesting

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	1 4	4	5
4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	0	2	5	3



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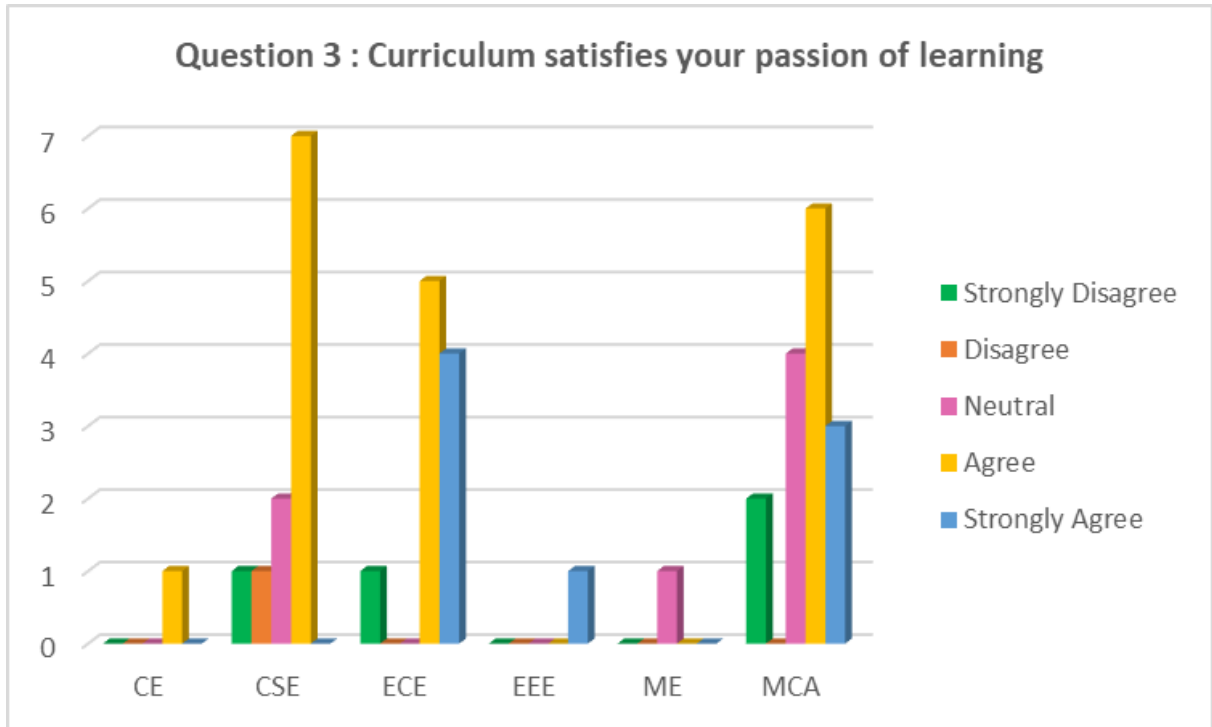
Question 3 : Curriculum satisfies your passion of learning

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



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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

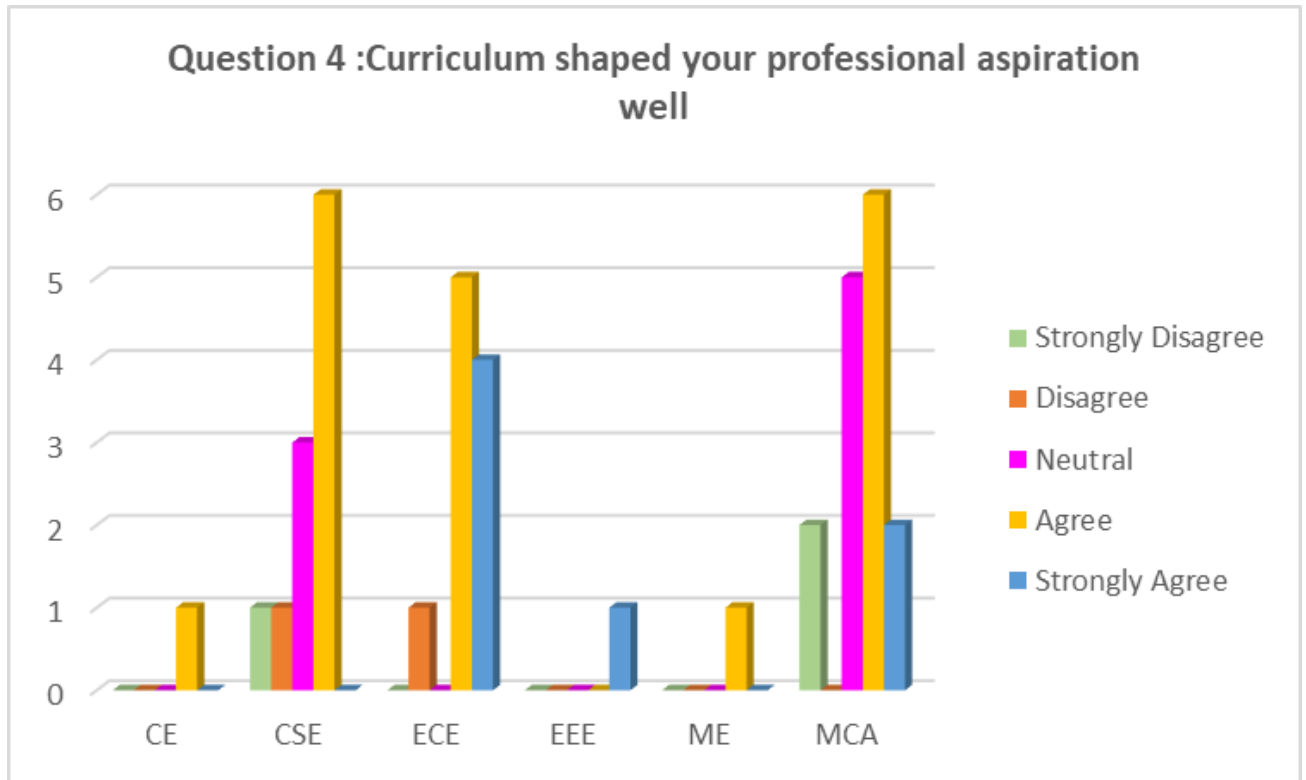


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6	MCA	2	0	5	6	2
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Question 5 : Curriculum applicable in your daily life

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

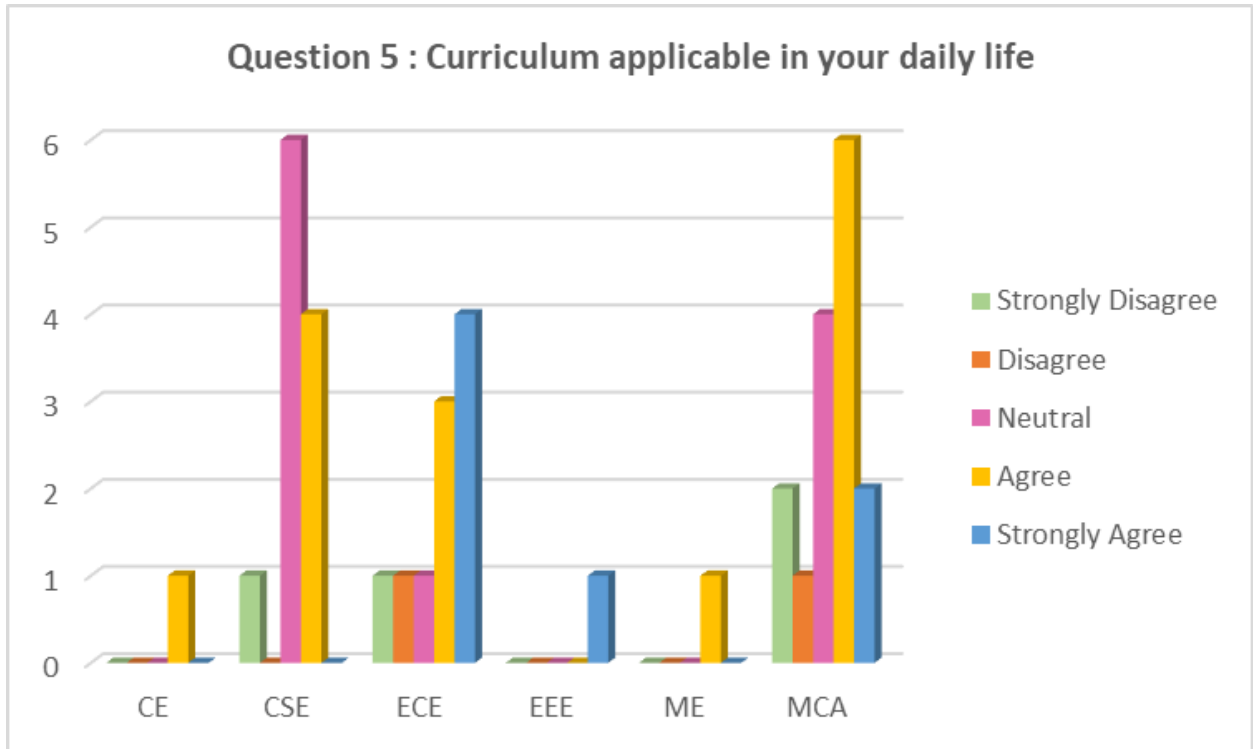


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4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	1	4	6	2



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

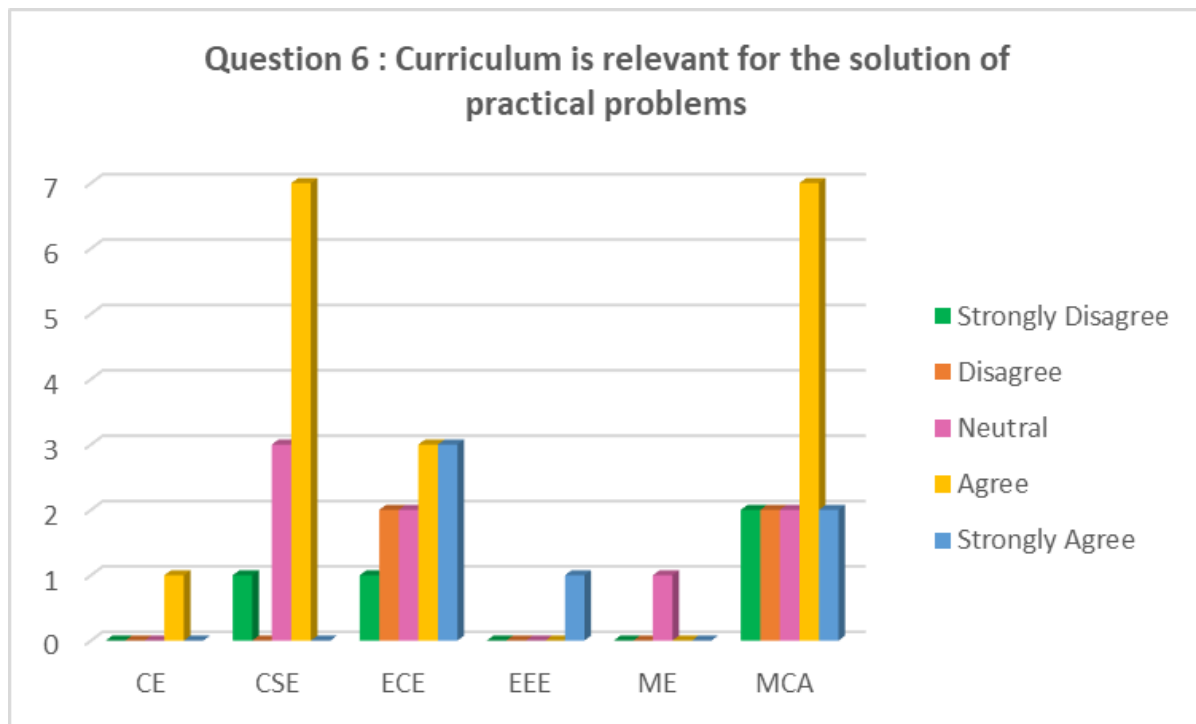


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3	ECE	1	2	2	3	3
4	EEE	0	0	0	0	1
5	ME	0	0	1	0	0
6	MCA	2	2	2	7	2



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

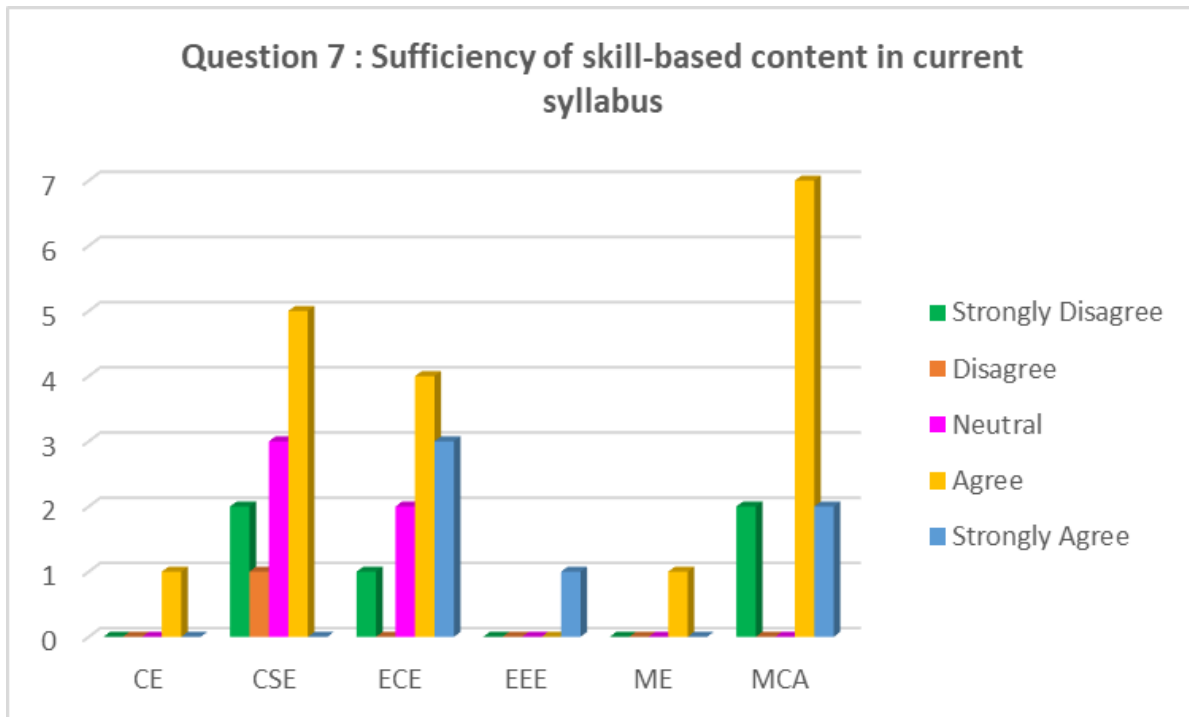


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3	ECE	1	0	2	4	3
4	EEE	0	0	0	0	1
5	ME	0	0	0	1	0
6	MCA	2	0	0	7	2



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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.

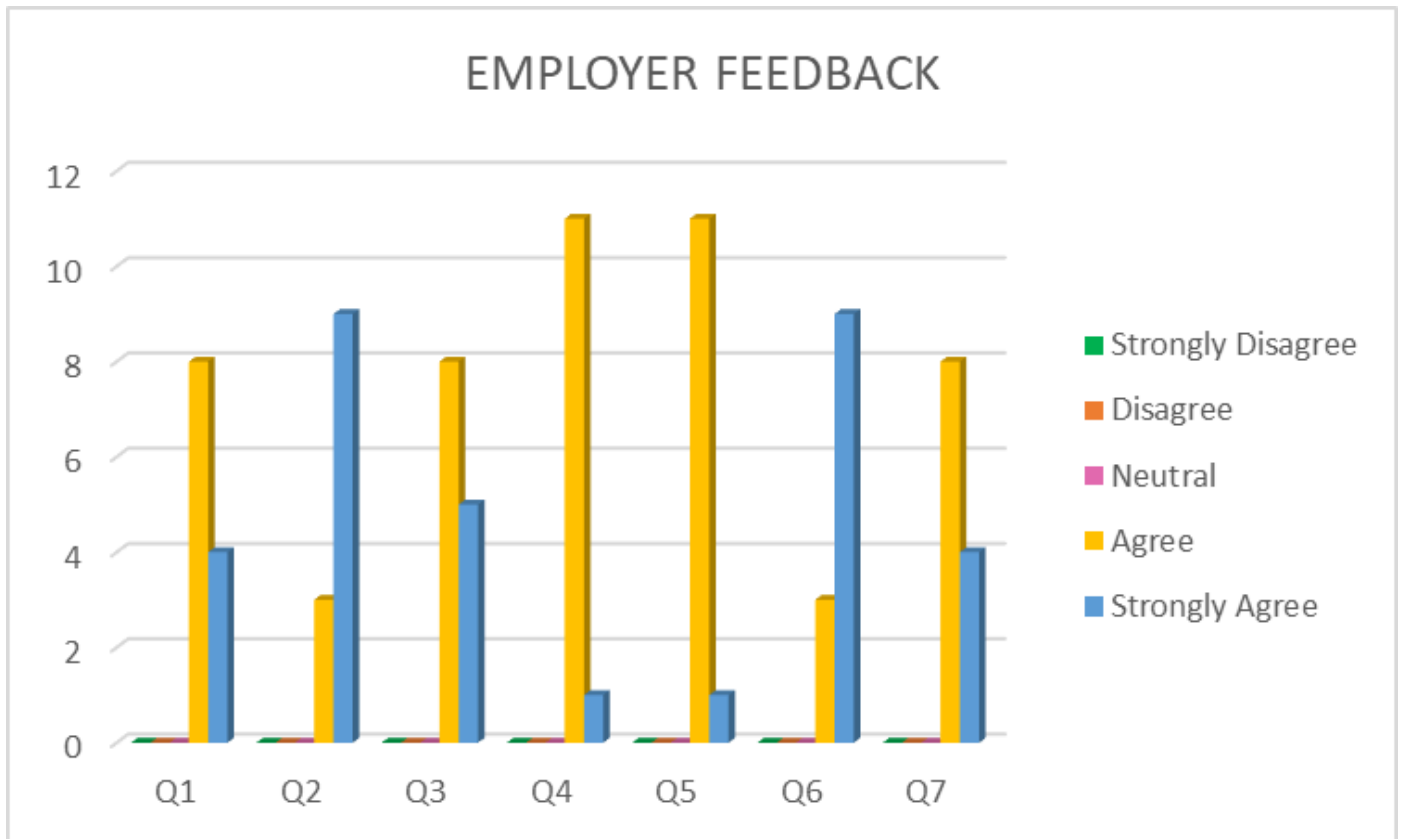
Sl. No.	Questions	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
1	Curriculum updated enough	0	0	0	8	4
2	Curriculum Teaching & Learning interesting	0	0	0	3	9
3	Curriculum satisfies your passion of learning	0	0	0	8	5
4	Curriculum shaped your professional aspiration well	0	0	0	11	1
5	Curriculum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



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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



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DEPARTMENT WISE ACTION TAKEN REPORT ON 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.

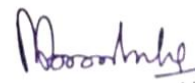
ACTIONS TAKEN:

Based on the above suggestions, the following actions were taken by the department:

- 1) Industrial visits, technical talks and seminars on current trends and practices in Civil Engineering were organised in association with FECTA (the technical Forum of CE Dept.)
- 2) Internship programs were arranged for the students in various construction/ design firms to understand concepts in depth and to have hands-on experience.
- 3) Awareness on design softwares like AUTO CADD, REVIT, BIM, STAAD were introduced to the students through one day technical talk organised in association with CADD Centre.
- 4) Students in the final year were encouraged to take up projects of current importance and societal benefits.

Signature of HoD : 





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FEEDBACK ANALYSIS:

The feedback taken from students, Teachers, Alumni and Employers for the year 2020-21 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).

ACTIONS TAKEN:

- 1) Students were encouraged to enroll in the MOOC Courses offered by the institution in association with IIT Bombay Spoken Tutorial.
- 2) Students were advised to undergo NPTEL courses and online courses to improve self learning and know content beyond the syllabus. The links for useful resources were uploaded in the Campus Management System by the concerned faculty members.
- 3) Workshops, Seminars, Guest lectures and Add-on courses were conducted for the benefit of students to make them familiar with the current technological advancements and make them industry ready.
- 4) Experiential learning was introduced through relevant projects for the final year students.
- 5) Students were advised to take membership in Professional Societies like Computer Society of India (CSI) and Indian Society for Technical Education (ISTE).
- 6) Various technical clubs are functioning under the department association namely Lourdes Matha Association for Computer Engineers (LOMACE) like Hardware Club, Hyperlink Club and Free



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and Open Source Software (FOSS) Clubs. Students are encouraged to coordinate activities and participate in club events.

- 7) Alumni interactions are conducted frequently to provide insight about the current trends in industry.
- 8) MOUs are signed with Infosys for Campus Connect programme, UST Global, Redhat Academy, Oracle Academy, ICT Academy, Keltron, Visioncog R and D and Enfin Technologies India Pvt. Ltd.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FEEDBACK ANALYSIS:

The following suggestions were given in the stakeholder feedback conducted during 2020-21.

- 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.

ACTIONS TAKEN:

Based on the above recommendations the following actions were taken:

- 1) Technical talks, seminars and workshops were organised for the students on current technical advancements.
- 2) Add on courses were offered to the students to make them aware of the latest technology available and make them industry ready.
- 3) MOUs were signed with the industries for better Industry Institute interaction and to know their requirement for employability.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

FEEDBACK ANALYSIS:

Feedback on the stakeholders for 2020-21 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.

ACTIONS TAKEN:

Based on the above suggestions the following actions were taken:

- 1) Technical talks, seminars and workshops were organised for the students on current technical advancements.
- 2) Add on courses were offered to the students to make them aware of the latest technology available and make them industry ready.
- 3) Students are encouraged to take up inhouse projects so as to instill experiential learning skills.
- 4) Planned to give industrial internships by discussing with industry experts and arranging the environment in the industries that suit the needs of students academics

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DEPARTMENT OF MECHANICAL ENGINEERING

FEEDBACK ANALYSIS:

The feedback on curriculum by the stakeholders in 2020-21 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.
- 3) The alumni also suggested that there should be more soft skill training and skill enrichment programs to the students to make them industry ready.

ACTIONS TAKEN:

The above suggestions were communicated to the Management and IQAC and the following actions were taken.

- 1) Workshops, Seminars, Guest lectures and Add-on courses were conducted for the benefit of students to make them familiar with the current technological advancements and make them industry ready.
- 2) Experiential learning was introduced through relevant projects for the final year students.
- 3) Soft skills training was provided to the students through the CGPU unit of the college.

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DEPARTMENT OF MANAGEMENT STUDIES

FEEDBACK ANALYSIS:

The following are the suggestions made by the stakeholders namely students, teachers, alumni and employer during the feedback on curriculum in 2020-21. These were discussed with 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.

ACTIONS TAKEN:

Based on the feedback, the following actions were taken:

- 1) Workshops, Seminars, Guest lectures, Internships were conducted for the benefit of students to make them familiar with the current technological advancements and make them industry ready.
- 2) Students are encouraged to take up projects of societal values and current relevance.
- 3) Experiential learning was introduced through case studies and internship programs.
- 4) Soft skills training was provided to the students through the CGPU unit of the college.

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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.

ACTIONS TAKEN:

Based on the feedback, the following actions were taken:

- 1) Workshops, Seminars, Guest lectures, Internships were conducted for the benefit of students to make them familiar with the current technological advancements and make them industry ready.
- 2) Experiential learning was introduced through projects of societal values and current relevance.
- 3) Soft skills training was provided to the students through the CGPU unit of the college.

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