

Sona College of Technology (Autonomous)

Department of CSE

Feedback Analysis on Curriculum Collected From Different Stakeholders

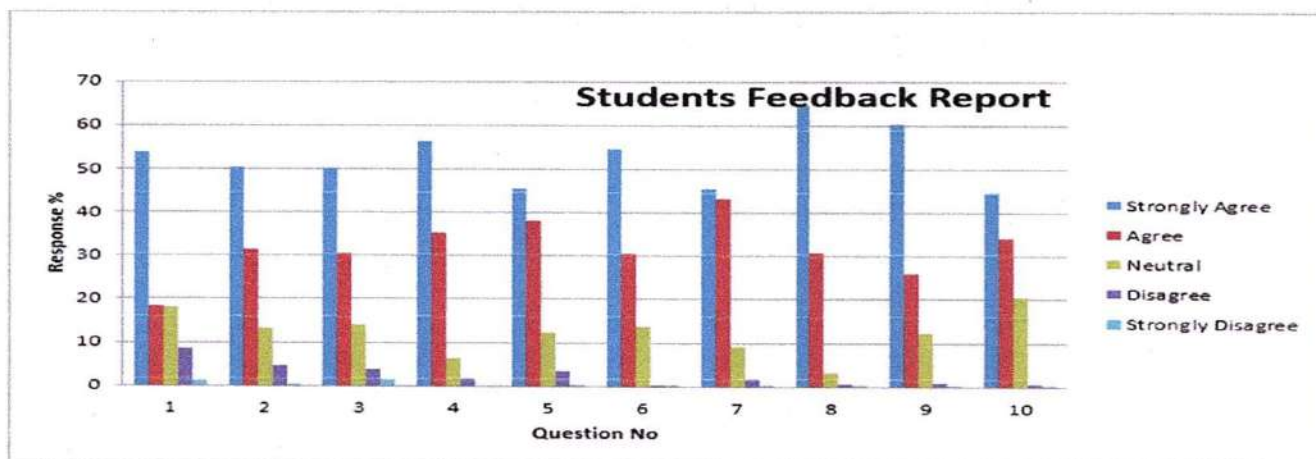
Academic Year: 2022-2023(Odd Semester)

01.07.22

Students Feedback:

The students are the most important stakeholders of Higher Education systems. The interest and participation of students at all levels in both internal quality assurance and external quality assurance have to play a central role. From the current academic year the college has started online feedback system. We have collected feedback from our under graduate students and post graduate students. A special five point scale feedback form on the curriculum is development. We have received total 206 student's online feedback on the syllabus of the various programmes designed by Department of CSE, Sona College of Technology, Salem.

Sno	Question	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	Are you able to solve engineering problems based on the knowledge of mathematics, science and engineering / computing?	53.83	18.2	18	8.75	1.17
2	Is your Curriculum fulfilling your expectation	50.45	31.44	13.25	4.52	0.34
3	Is Curriculum helping in developing your personality	50.25	30.44	13.99	3.84	1.51
4	Extent of syllabi covered in the Class	56.45	35.48	6.23	1.84	0
5	Curriculum is relevant for the solution of local problems	45.65	38.25	12.18	3.58	0.34
6	For a given task, are you able to write a computing solution?	54.65	30.56	13.84	0.46	0.49
7	Do you express technical ideas, strategies and methodologies in written form?	45.63	43.26	9.1	1.84	0.17
8	Fairness in the assessment processes	64.66	30.82	3.35	0.67	0.5
9	Timely announcement of examination results	60.24	25.84	12.45	0.97	0.5
10	Are you given the Opportunities to involve yourself in the Research / consultancy /project activities of the department	44.65	34.25	20.6	0.67	0.5

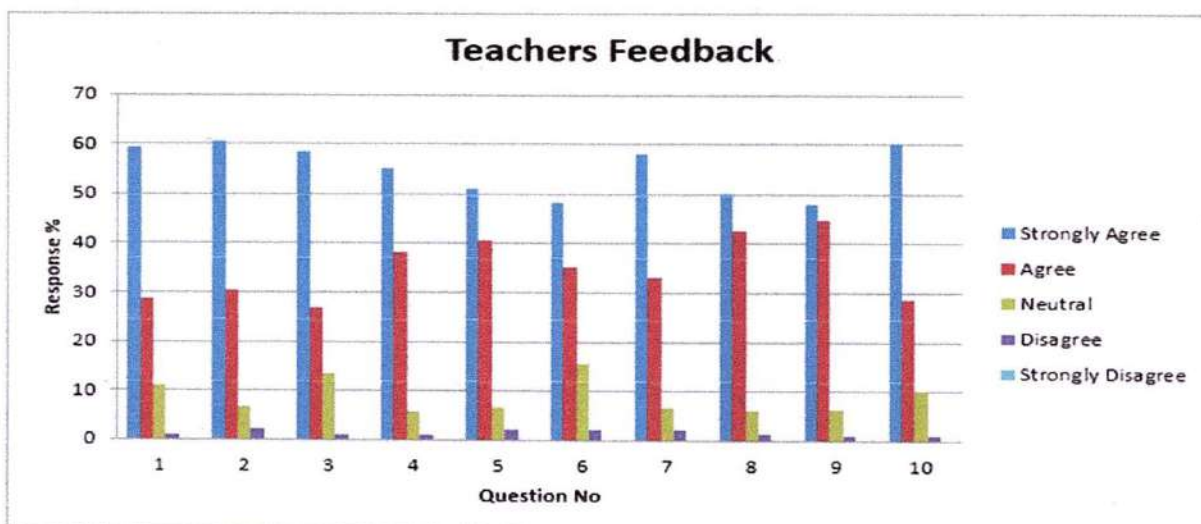


On an average 53% students are strongly agree, 32% are agree, 12% are neutral, 3% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by Sona College of Technology, Salem. The inference from students feedback is More concepts of web technology should be covered in earlier semester and majority of the students strongly agreed that the interaction by teachers with students is more feasible and reliable

Teachers Feedback:

Feedback on curriculum is taken by the respective subject teachers regarding suggestions on improvement of the syllabus. We have received 32 teachers feedback on the curriculum and analyzed.

Sno	Question	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	Does the syllabus has good balance between theory and application?	59.28	28.56	11.2	1.042	0
2	Are the prime objectives addressed effectively in each unit?	60.55	30.5	6.75	2.083	0
3	Curriculum having good academic flexibility	58.54	26.88	13.54	1.042	0
4	The course content fulfils the need of students	55.14	38.11	5.75	1	0
5	Curriculum enhanced employability	50.88	40.55	6.5	2.083	0
6	The course outcomes are well defined and clear	48.26	35.18	15.45	2.083	0
7	Sufficient number of relevant reading materials and digital resources are available in the Library	58.17	33.08	6.67	2.08	0
8	Do you have freedom to propose, modify, suggest and incorporate new topics in the syllabus?	50.08	42.63	6.04	1.25	0
9	I have the freedom to adopt new techniques/education tools /strategies in teaching	48.08	44.63	6.25	1.04	0
10	I have taken sufficient steps to provide assistance to slow learners	60.08	28.61	10.25	1.042	0



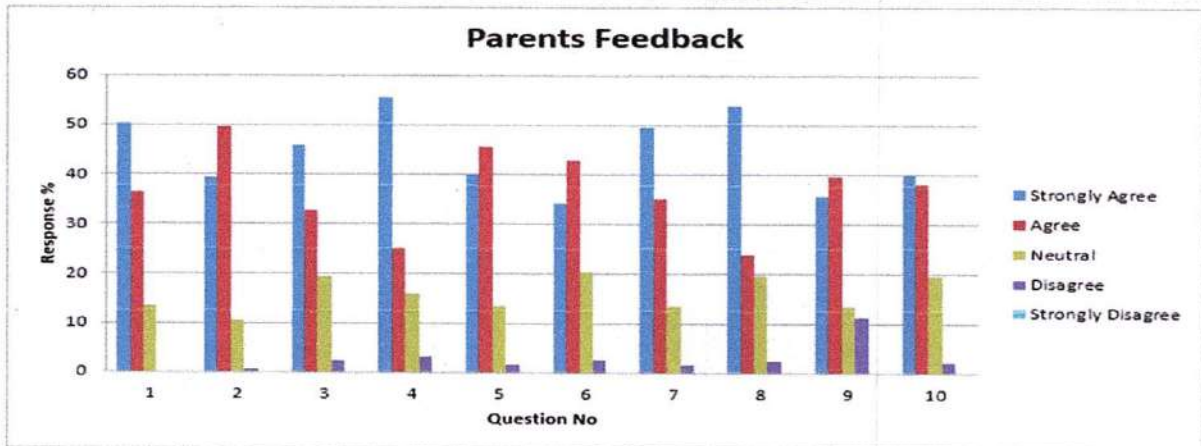
On an average 55% teachers are strongly agree, 35% are agree, 9% are neutral and 1.5% are disagree with the current syllabus of the various programmes designed by Department of CSE ,Sona College of Technology, Salem. The inference from faculty feedback is dedicated teams can be developed for the participation in National level technical events and specialization courses can be introduced for the students.

Parent Feedback:

The feedback from the parents is collected on the current syllabus of the various programmes and analyzed. We have received total 44 parent's feedback on the current content of the syllabus. Analysis of the total 44 feedback received from the parents is done as follows:

Sno	Question	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	The curriculum and syllabus content were appropriate for your wards placement / higher education	50.25	36.4	13.4	0	0
2	Does the curriculum accommodates courses with experiential learning (hands-on)	39.5	49.58	10.45	0.47	0
3	Does the curriculum design has focus on employability?	45.75	32.56	19.51	2.38	0
4	Did the subject/courses help in developing your ward's personality?	55.56	25.26	16.01	3.17	0
5	Curriculum help in developing personality of your ward	40.24	45.68	13.49	1.59	0
6	Syllabus is applicable to the solution for the local problems	34.21	42.88	20.4	2.5	0
7	Are you satisfied with the facilities provided by the college:	49.68	35.24	13.49	1.59	0
8	Does the curriculum has enough content for a student to acquire sufficient knowledge to secure a	53.75	24.03	19.84	2.38	0

	subject related job?					
9	Student's counseling activities:	35.68	39.56	13.45	11.23	0
10	Infrastructure and lab facility: The learning ambience at the institute is good	39.89	38.15	19.75	2.14	0



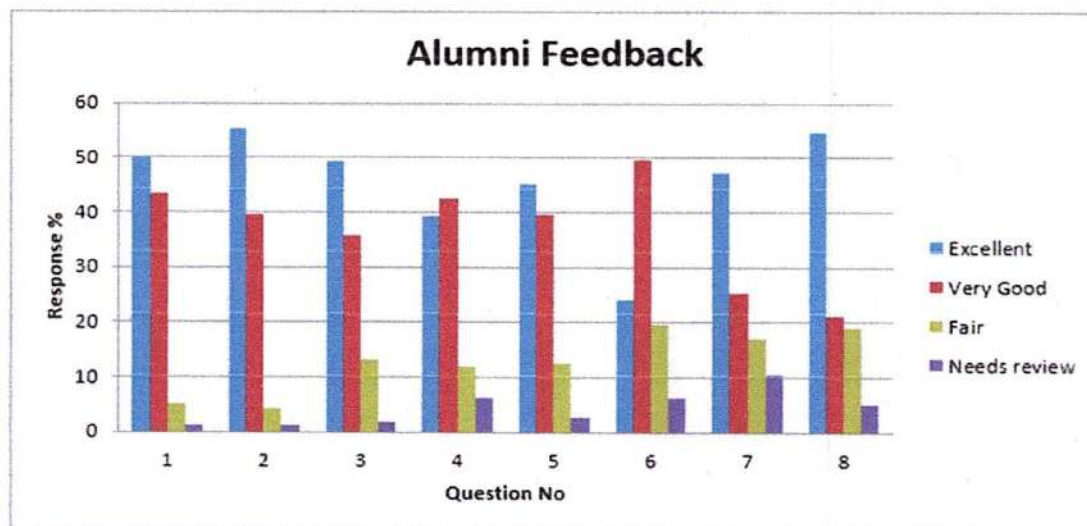
On an average 44% Parents are strongly agree, 37% are agree, 16% are neutral and 3% are disagree with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem. The inference from parents feedback is The parents suggested that it would be very helpful if the Placement training can be organised from the reputed organizations

Alumni Feedback:

Our alumni are valuable for us. They provide us the inputs regarding improvement in facilities and employability of our students. We appeal our alumni to provide there sincere feedback on curriculum. We have received total 96 alumni online feedback on syllabus designed by Department of CSE, Sona College of Technology, Salem.. Based on the comments of the alumni, the analysis is done as follows:

Q No.	Curriculum Evaluation Points	Response			
		Excellent	Very Good	Fair	Needs review
1.	Contribution of BE CSE curriculum to the knowledge required for your current position	50.15	43.56	5.12	1.22
2.	The courses are well structured and placed in order for a visible improvement in performance	55.15	39.56	4.12	1.22
3.	Support from curriculum towards approaching real world problems and finding solutions	49.31	35.75	13.07	1.87
4.	Support from syllabus in promoting lifelong learning and ethical practices	39.15	42.64	11.9	6.32
5	Extent of syllabus and associated activities to support team work and communication	45.26	39.45	12.45	2.87
6	Support from curriculum to promote entrepreneurship skills	24.26	49.56	19.78	6.32

7	Contribution of BE CSE curriculum in getting campus placement	47.41	25.43	16.99	10.34
8	Contribution of Final semester project to employability	54.71	21.15	18.97	5.17

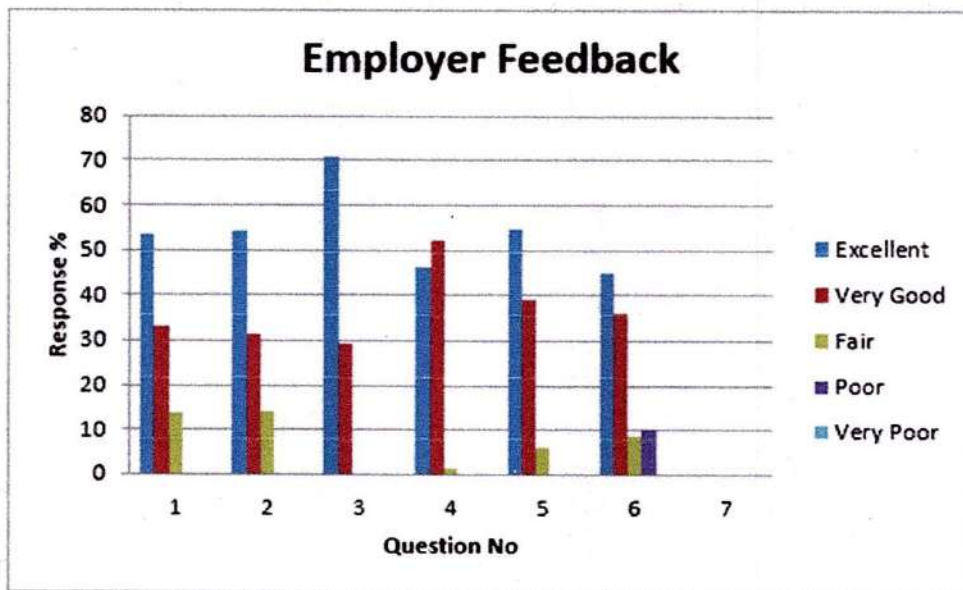


On an average 46% students are Excellent, 37% are very good, 12.8% are fair and 4.5% are needs review with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology. The inference from alumni feedback is to conduct project expo which should focus more on problem-solving, analytical thinking, and design innovation to better prepare students for real-world challenges.

Employers Feedback:

Employer's online feedback is collected and analyzed on the syllabus designed Department of CSE, Sona College of Technology. We have received total 16 employer's online feedback for the current academic year.

Question No.	Curriculum Evaluation Points	Response				
		Excellent	Very Good	Fair	Poor	Very Poor
1	Effectively apply engineering technology in their profession	53.4	33.1	13.5	0	0
2	Level of technical contribution of the students	54.38	31.56	14.06	0	0
3	Demonstrated ability to work well on a team	70.75	29.25	0	0	0
4	Does curriculum design focus on employability	46.41	52.13	1.56	0	0
5	The ability to empathise with and work productively with people from a wide range	54.69	39.06	6.25	0	0
6	Be a professional, Ethical & socially responsible engineer	44.86	36.14	8.75	10.25	0



On an average 54% students are excellent, 37% are very good and 7.2% are fair and 1.8 are poor with the current syllabus of the various programmes designed by Department of CSE, Sona College of Technology, Salem. The inference from employee feedback is Final year projects need to be more industry relevant

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Sona College of Technology (Autonomous)

Department of CSE

Feedback Analysis on Curriculum Collected From Different Stakeholders

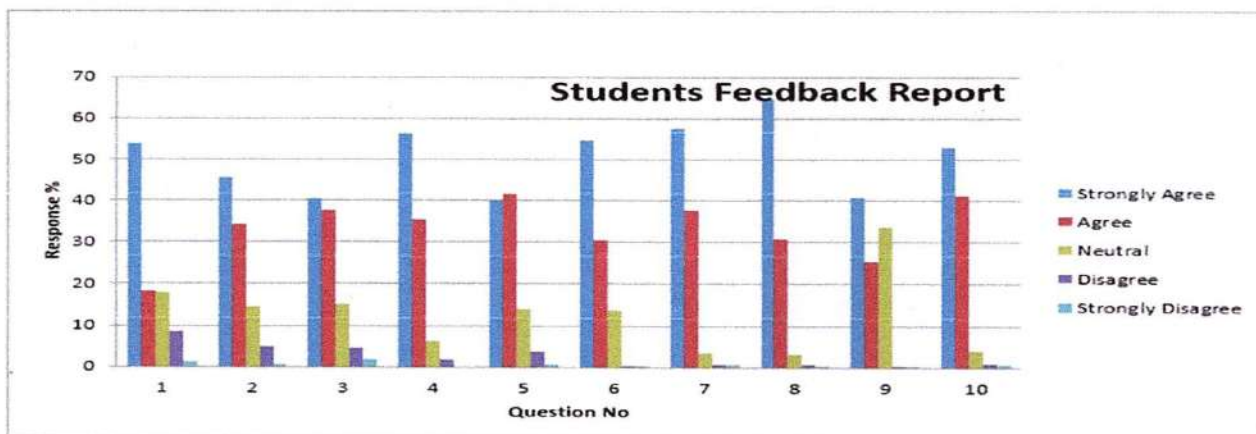
Academic Year: 2022-2023(Even Semester)

10/12/22

Students Feedback:

The students are the most important stakeholders of Higher Education systems. The interest and participation of students at all levels in both internal quality assurance and external quality assurance have to play a central role. From the current academic year the college has started online feedback system. We have collected feedback from our undergraduate students and post graduate students. A special five point scale feedback form on the curriculum is development. We have received total 196 student's online feedback on the syllabus of the various programmes designed by Department of CSE, Sona College of Technology, Salem.

Sno	Question	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	Are you able to solve engineering problems based on the knowledge of mathematics, science and engineering / computing?	43.81	30.26	15.51	9.5	1.08
2	Is your Curriculum fulfilling your expectation	45.65	34.25	14.54	4.99	0.54
3	Is Curriculum helping in developing your personality	40.54	37.65	15.3	4.59	1.92
4	Extent of syllabi covered in the Class	45.6	47.2	5.56	1.4	0.24
5	Curriculum is relevant for the solution of local problems	39.89	41.7	13.91	3.82	0.54
6	For a given task, are you able to write a computing solution?	57.62	37.5	3.5	0.8	0.58
7	Do you express technical ideas, strategies and methodologies in written form?	45.06	42.5	10.18	1.98	0.28
8	Fairness in the assessment processes	59.84	37.45	2.02	0.71	0
9	Timely announcement of examination results	52.84	41.26	4.01	0.9	0.56
10	Are you given the Opportunities to involve yourself in the Research / consultancy /project activities of the department	40.65	25.35	33.54	0.15	0.41

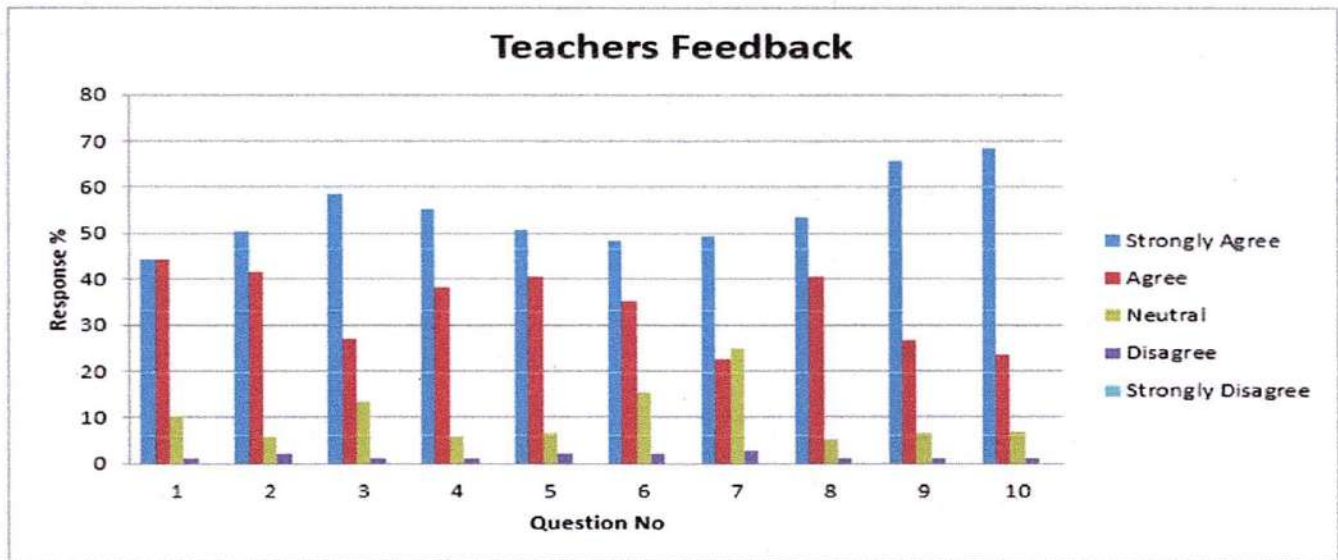


On an average 50% students are strongly agree, 33% are agree, 12.6% are neutral, 2.6% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by Sona College of Technology, Salem. The inference from students feedback is self-paced courses on technology can increase knowledge on current trend in the market, Other than regular curricula workshops or activities should be carried out to improve programming ability and critical thinking.

Teachers Feedback:

Feedback on curriculum is taken by the respective subject teachers regarding suggestions on improvement of the syllabus. We have received 35 teachers feedback on the curriculum and analyzed.

Sno	Question	5	4	3	2	1
1	Does the syllabus has good balance between theory and application?	44.45	44.45	10.2	1.042	0
2	Are the prime objectives addressed effectively in each unit?	50.55	41.5	6.05	2.083	0
3	Curriculum having good academic flexibility	58.54	26.88	13.54	1.042	0
4	The course content fulfills the need of students	55.14	38.11	5.75	1	0
5	Curriculum enhanced employability	50.88	40.55	6.5	2.083	0
6	The course outcomes are well defined and clear	48.26	35.18	15.45	2.083	0
7	Sufficient number of relevant reading materials and digital resources are available in the Library	49.57	22.48	25.08	2.883	0
8	Do you have freedom to propose, modify, suggest and incorporate new topics in the syllabus?	53.45	40.45	5.26	1.26	0
9	I have the freedom to adopt new techniques/education tools /strategies in teaching	65.89	26.48	6.56	1.062	0
10	I have taken sufficient steps to provide assistance to slow learners	68.47	23.47	7.05	1.062	0



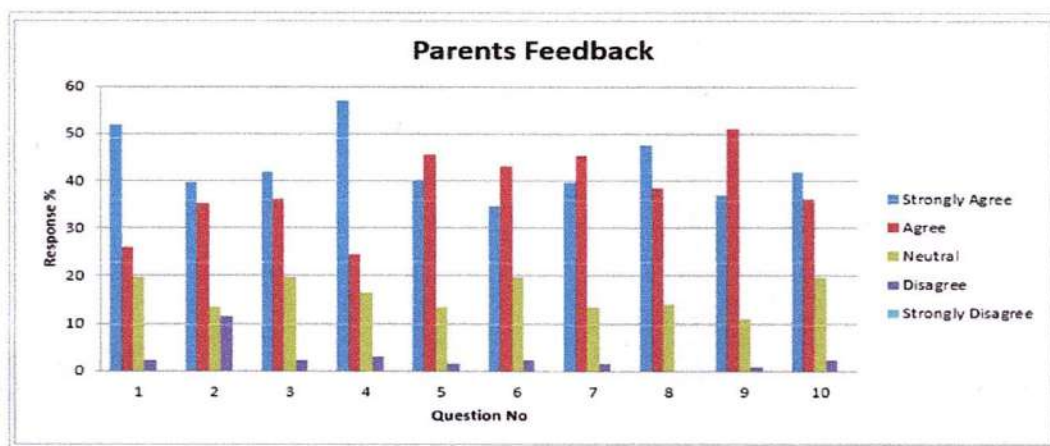
On an average 54.5% students are strongly agree, 34% are agree, 10% are neutral and 1.6% are disagree with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem. The inference from faculty is Innovative teaching methodologies may be popularized and fine tuning of program objective with industry objectives

Parent Feedback:

The feedback from the parents is collected on the current syllabus of the various programmes and analyzed. We have received total 33 parent's feedback on the current content of the syllabus. Analysis of the total 54 feedback received from the parents is done as follows:

Sno	Question	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	The curriculum and syllabus content were appropriate for your wards placement / higher education	51.75	26.03	19.84	2.38	0
2	Does the curriculum accommodates courses with experiential learning (hands-on)	39.68	35.24	13.49	11.59	0
3	Does the curriculum design has focus on employability?	41.75	36.03	19.84	2.38	0
4	Did the subject/courses help in developing your ward's personality?	56.98	24.44	16.4	3.17	0
5	Curriculum help in developing personality of your ward	40.24	45.68	13.49	1.59	0
6	Syllabus is applicable to the solution for the local problems	34.75	43.03	19.84	2.38	0
7	Are you satisfied with the facilities provided by the college:	39.68	45.24	13.49	1.59	0

8	Does the curriculum has enough content for a student to acquire sufficient knowledge to secure a subject related job?	47.62	38.41	13.97	0	0
9	Student's counseling activities:	36.98	51.11	11.11	0.79	0
10	Infrastructure and lab facility: The learning ambience at the institute is good	41.75	36.03	19.84	2.38	0



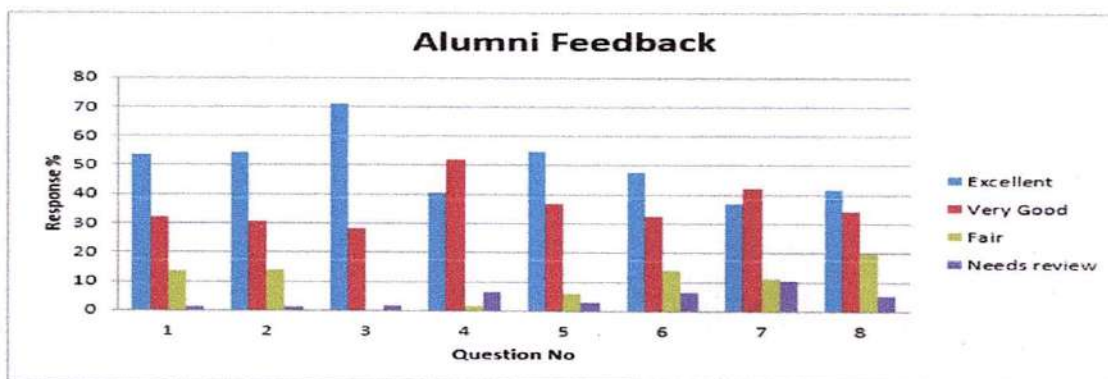
On an average 43.5% students are strongly agree, 38% are agree, 16% are neutral and 3% are disagree with the current syllabus of the various programmes designed by Department of CSE, Sona College of Technology, Salem.

Alumni Feedback:

Our alumni are valuable for us. They provide us the inputs regarding improvement in facilities and employability of our students. We appeal our alumni to provide there sincere feedback on curriculum. We have received total 95 alumni online feedback on syllabus designed by Department of CSE, Sona College of Technology. Based on the comments of the alumni, the analysis is done as follows:

Question No.	Curriculum Evaluation Points	Response			
		Excellent	Very Good	Fair	Needs review
1	Contribution of BE CSE curriculum to the knowledge required for your current position	53.4	32.1	13.5	1.22
2	The courses are well structured and placed in order for a visible improvement in performance	54.38	30.56	14.06	1.22
3	Support from curriculum towards approaching real world problems and finding solutions	70.75	28.25	0	1.87
4	Support from syllabus in promoting lifelong learning and ethical practices	40.41	52.13	1.56	6.32
5	Extent of syllabus and associated activities to support team work and communication	54.69	37.06	6.25	2.87

6	Support from curriculum to promote entrepreneurship skills	47.62	32.41	13.97	6.32
7	Contribution of BE CSE curriculum in getting campus placement	36.98	42.11	11.11	10.34
8	Contribution of Final semester project to employability	41.75	34.03	19.84	5.17

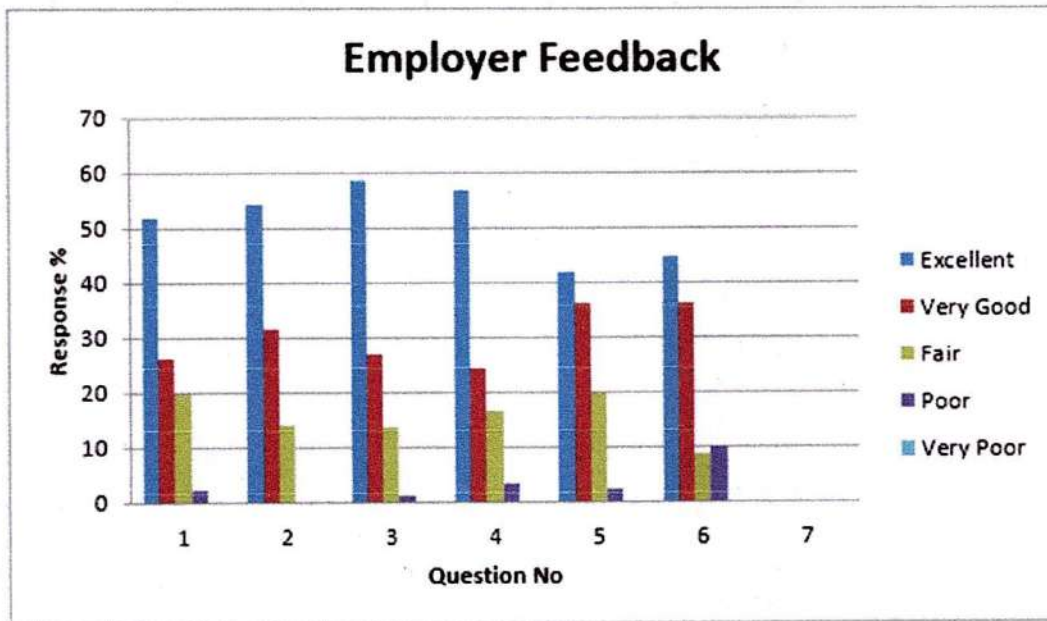


On an average 50% students are Excellent, 36% are very good, 10% are fair and 4.5% are needs review with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology. The inference from alumni feedback is Practical knowledge should be improved by arranging lectures by industry experts, Courses like cyber security and cloud services software can be offered.

Employers Feedback:

Employer's online feedback is collected and analyzed on the syllabus designed Department of CSE, Sona College of Technology.. We have received total 15 employer's online feedback for the current academic year.

Question No.	Curriculum Evaluation Points	Response				
		Excellent	Very Good	Fair	Poor	Very Poor
1	Effectively apply engineering technology in their profession	51.75	26.03	19.84	2.38	0
2	Level of technical contribution of the students	54.38	31.56	14.06	0	0
3	Demonstrated ability to work well on a team	58.54	26.88	13.54	1.042	0
4	Does curriculum design focus on employability	56.98	24.44	16.4	3.17	0
5	The ability to empathise with and work productively with people from a wide range	41.75	36.03	19.84	2.38	0
6	Be a professional, Ethical & socially responsible engineer	44.86	36.14	8.75	10.25	0



On an average 51% are excellent, 30% are very good and 15.5% are fair and 3% are poor with the current syllabus of the various programme designed by Department of CSE, Sona College of Technology, Salem. The inference from employee feedback is new skill-based courses as per current trends in the IT industry should be added to the curricula.

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