

Sona College of Technology (Autonomous)

Department of CSE

Feedback Analysis on Curriculum Collected From Different Stakeholders

Academic Year: 2018-19(Odd Semester)

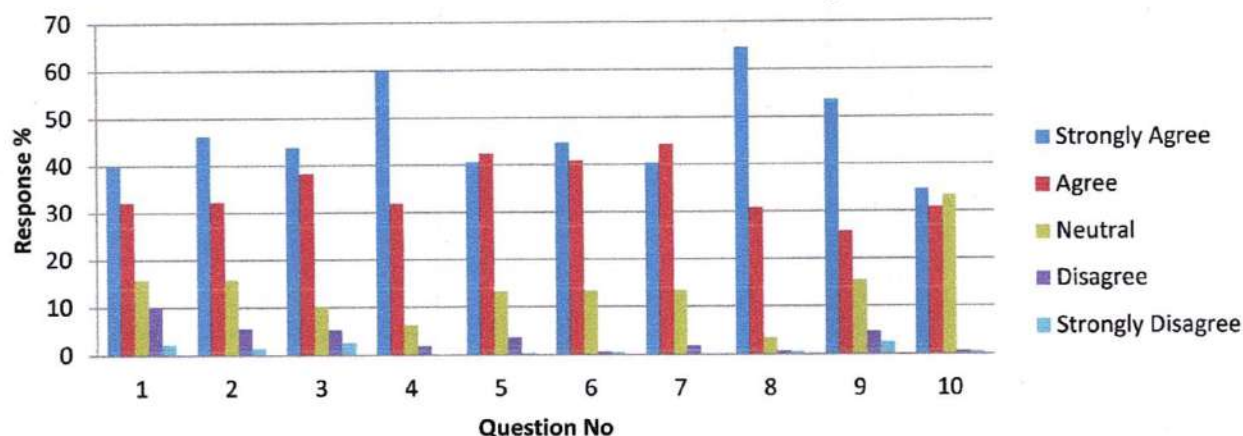
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Students Feedback:

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 288 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?	39.83	32.2	15.75	10.05	2.17
2	Is your Curriculum fulfilling your expectation	46.17	32.22	15.75	5.52	1.34
3	Is Curriculum helping in developing your personality	43.85	38.22	10.23	5.19	2.51
4	Extent of syllabi covered in the Class	60.08	31.88	6.2	1.84	0
5	Curriculum is relevant for the solution of local problems	40.6	42.38	13.16	3.52	0.34
6	For a given task, are you able to write a computing solution?	44.66	40.82	13.35	0.67	0.5
7	Do you express technical ideas, strategies and methodologies in written form?	40.37	44.22	13.4	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	53.66	25.82	15.35	4.67	2.5
10	Are you given the Opportunities to involve yourself in the Research / consultancy /project activities of the department	34.66	30.82	33.35	0.67	0.5

Students Feedback Report



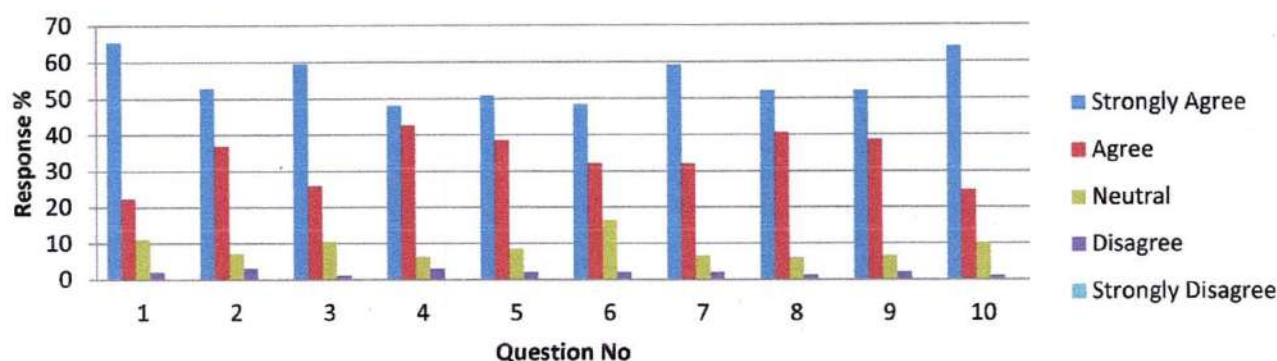
On an average 50% students are strongly agree, 38% are agree, 22% are neutral, 3% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by Sona College of Technology, Salem. The following are the inferences from the students feedback More Practical oriented courses should be included

Teachers Feedback:

The feedback on curriculum is taken by the respective subject teachers regarding suggestions on improvement of the syllabus. We have received 25 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?	65.54	22.33	11.08	2.042	0
2	Are the prime objectives addressed effectively in each unit?	52.83	36.83	7.25	3.083	0
3	Curriculum having good academic flexibility	59.54	25.88	10.54	1.042	0
4	The course content fulfils the need of students	48.1	42.63	6.25	3.02	0
5	Curriculum enhanced employability	50.88	38.54	8.5	2.083	0
6	The course outcomes are well defined and clear	48.46	32.13	16.33	2.083	0
7	Sufficient number of relevant reading materials and digital resources are available in the Library	59.17	32.08	6.67	2.083	0
8	Do you have freedom to propose, modify, suggest and incorporate new topics in the syllabus?	52.08	40.63	6.04	1.26	0
9	I have the freedom to adopt new techniques/education tools /strategies in teaching	52.08	38.63	6.75	2.042	0
10	I have taken sufficient steps to provide assistance to slow learners	64.08	24.63	10.25	1.042	0

Teachers Feedback



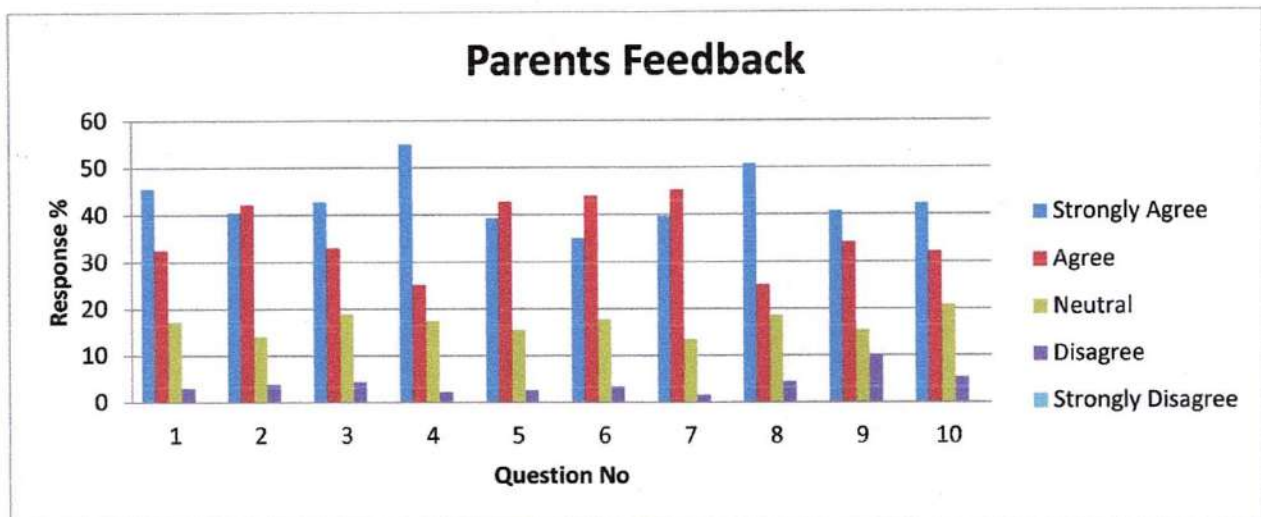
On an average 58% teachers are strongly agree, 34% are agree, 10% are neutral and 2% are disagree with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem.

The inferences from the faculty feedback is that Artificial Intelligence can be introduced in the curriculum

Parent Feedback:

The feedback from the parents is collected on the current syllabus of the various programmes and analyzed. We have received total 39 parent's feedback on the current content of the syllabus. Analysis of the total 39 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	45.62	35.41	15.97	2.15	0
2	Does the curriculum accommodates courses with experiential learning (hands-on)	39.98	50.11	10.11	0.79	0
3	Does the curriculum design has focus on employability?	45.75	31.03	20.84	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?	51.75	26.03	19.84	2.38	0
9	Student's counseling activities:	39.68	35.24	13.49	11.59	0
10	Infrastructure and lab facility: The learning ambience at the institute is good	41.75	36.03	19.84	2.38	0



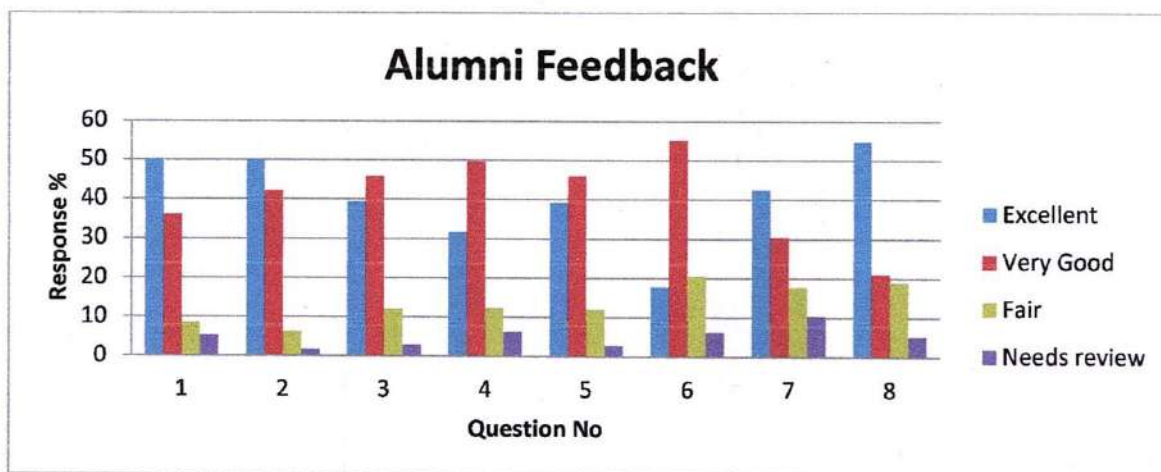
On an average 39% Parents are strongly agree, 41% are agree, 15% are neutral and 3% are disagree with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem.

The inference from parents is industry training is required

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 133 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:

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	50.23	35.98	8.62	5.32
2.	The courses are well structured and placed in order for a visible improvement in performance	49.89	42.07	6.32	1.72
3.	Support from curriculum towards approaching real world problems and finding solutions	39.31	45.75	12.07	2.87
4.	Support from syllabus in promoting lifelong learning and ethical practices	31.61	49.64	12.43	6.32
5	Extent of syllabus and associated activities to support team work and communication	39.17	45.87	12.07	2.87
6	Support from curriculum to promote entrepreneurship skills	17.82	55.17	20.68	6.32
7	Contribution of BE CSE curriculum in getting campus placement	42.41	30.43	17.81	10.34
8	Contribution of Final semester project to employability	54.71	21.15	18.97	5.17

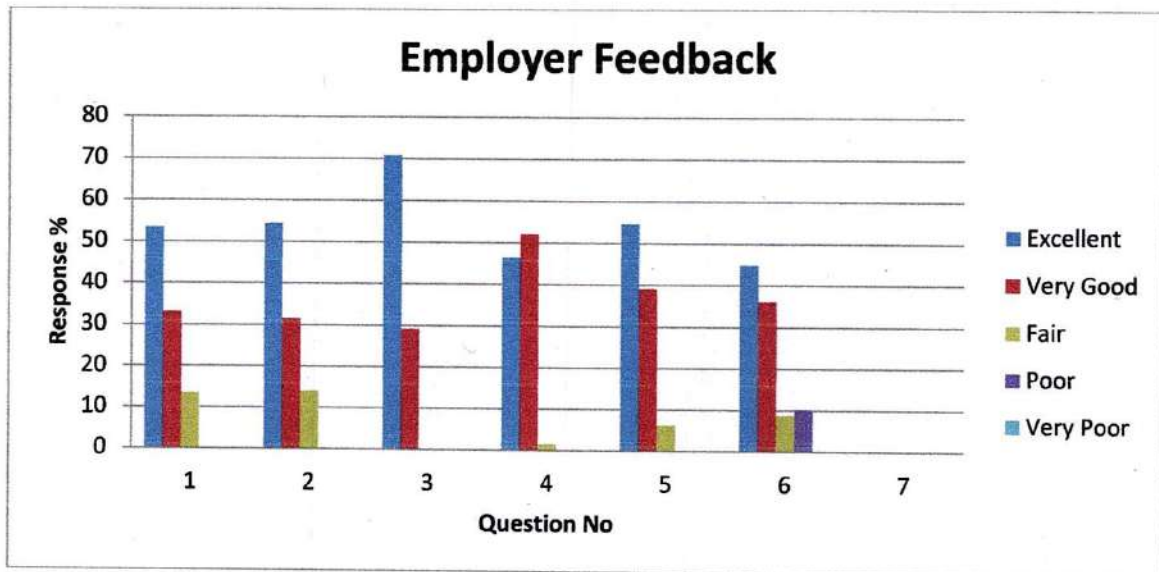


On an average 30% students are Excellent, 50% are very good, 13% are fair and 4% are needs review with the current syllabus of the various programs designed by Department of CSE, Sona College of Technology. The inference from alumni feedback is expert technical session from company before the recruitment


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 13 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 50% students are excellent, 43% are very good and 7% are fair and 2 are poor with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem. The inference from employer feedback is Practical and Technical Exposure.


BOS Coordinator


BOS Chairperson

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Sona College of Technology (Autonomous)

Department of CSE

Feedback Analysis on Curriculum Collected From Different Stakeholders

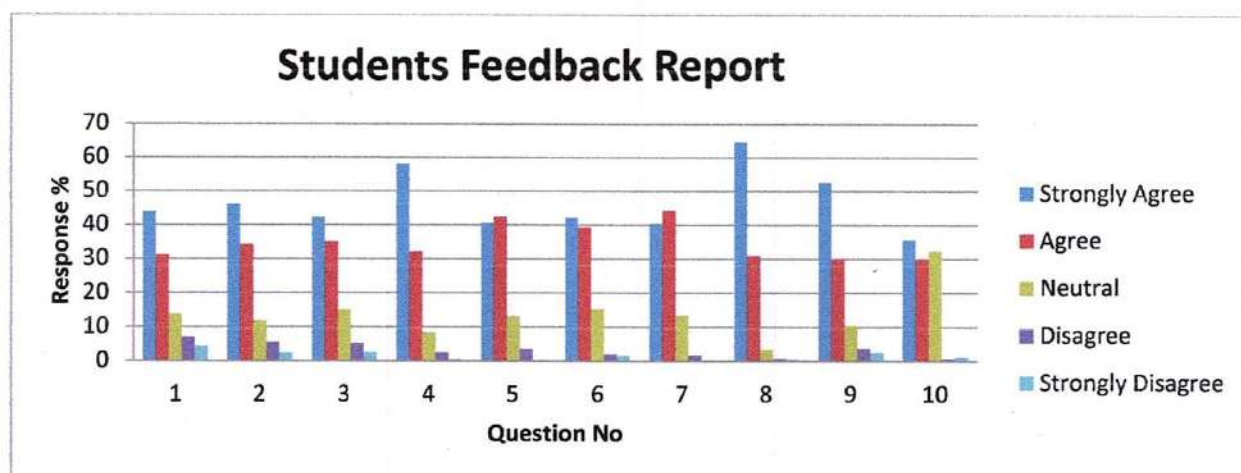
Academic Year: 2018-19(Even Semester)

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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 283 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?	43.83	31.2	13.75	7.05	4.17
2	Is your Curriculum fulfilling your expectation	46.17	34.22	11.75	5.52	2.34
3	Is Curriculum helping in developing your personality	42.25	35.12	15	5.19	2.51
4	Extent of syllabi covered in the Class	58.08	32.01	8.32	2.5	0.5
5	Curriculum is relevant for the solution of local problems	40.6	42.38	13.16	3.52	0.34
6	For a given task, are you able to write a computing solution?	42.15	39.25	15.25	2.05	1.75
7	Do you express technical ideas, strategies and methodologies in written form?	40.37	44.22	13.4	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	52.66	29.82	10.35	3.67	2.5
10	Are you given the Opportunities to involve yourself in the Research / consultancy /project activities of the department	35.66	29.82	32.35	0.67	1



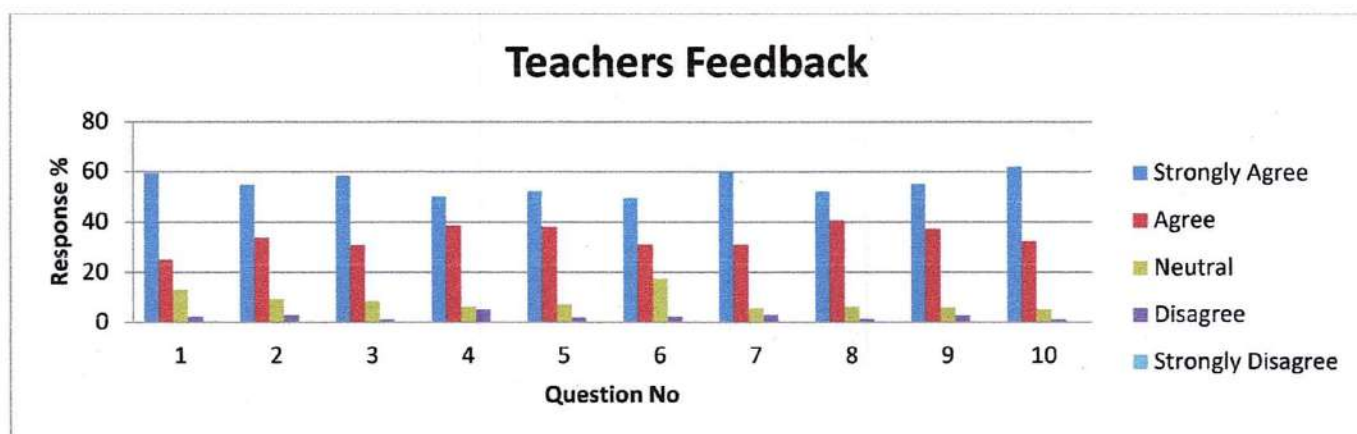
On an average 47% students are strongly agree, 35% are agree, 14% are neutral, 3% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by Sona College of Technology, Salem. The inference from students feedback is Certificate courses on skill development as per need of the industry should be started, Workshops or seminars from the industry should be arranged and Internal transport facility on campus should be improved.

Teachers Feedback:

The feedback on curriculum is taken by the respective subject teachers regarding suggestions on improvement of the syllabus. We have received 33 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?	59.45	25	13.08	2.04	0.5
2	Are the prime objectives addressed effectively in each unit?	54.72	33.83	9.25	3.01	0
3	Curriculum having good academic flexibility	58.23	30.88	8.54	1.042	0
4	The course content fulfils the need of students	50.1	38.63	6.25	5.02	0
5	Curriculum enhanced employability	52.16	38.02	7.08	1.75	0
6	The course outcomes are well defined and clear	49.46	31.13	17.33	2.08	0
7	Sufficient number of relevant reading materials and digital resources are available in the Library	60.25	31.08	5.67	3	0
8	Do you have freedom to propose, modify, suggest and incorporate new topics in the syllabus?	52.08	40.63	6.04	1.26	0
9	I have the freedom to adopt new techniques /education tools /strategies in teaching	55.08	37.25	5.85	2.75	0
10	I have taken sufficient steps to provide assistance to slow learners	62.02	32.23	5.01	1	0

Teachers Feedback



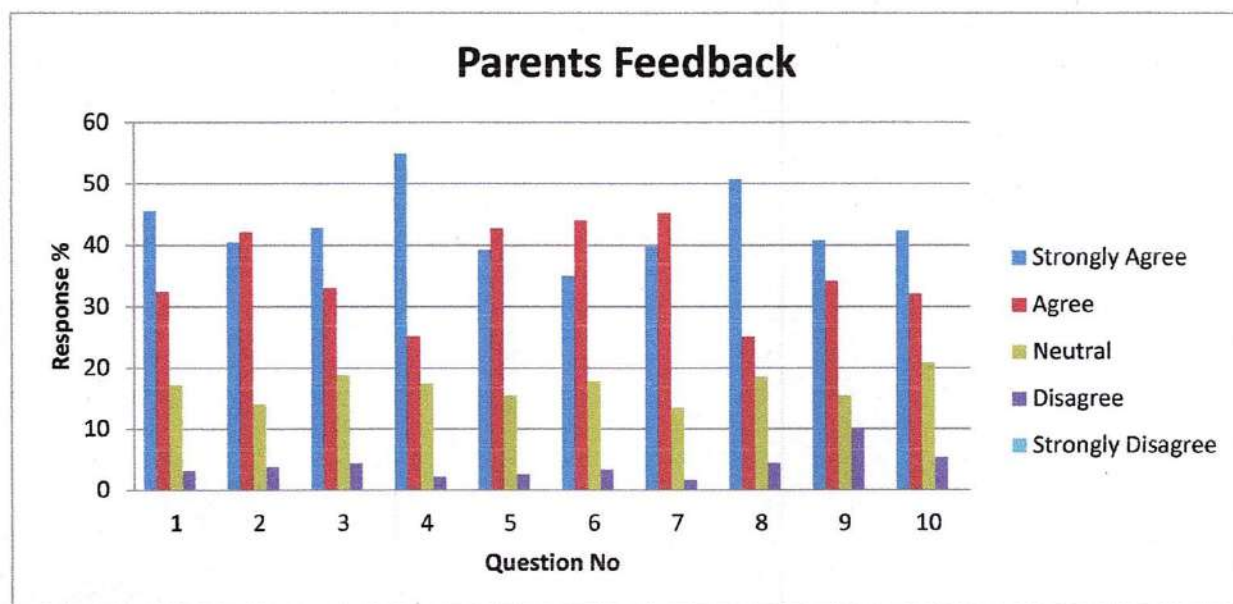
On an average 55% students are strongly agree, 33% are agree, 9% are neutral and 2% are disagree with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem. The inference from faculty feedback is Course outcome/objective mapping should be defined in the syllabus

Parent Feedback:

The feedback from the parents is collected on the current syllabus of the various programmes and analyzed. We have received total 50 parent's feedback on the current content of the syllabus. Analysis of the total 50 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	45.56	32.45	17.23	3.15	0
2	Does the curriculum accommodates courses with experiential learning (hands-on)	40.45	42.11	14.11	3.79	0
3	Does the curriculum design has focus on employability?	42.75	33.03	18.84	4.38	0
4	Did the subject/courses help in developing your ward's personality?	54.98	25.23	17.46	2.17	0
5	Curriculum help in developing personality of your ward	39.24	42.68	15.49	2.59	0
6	Syllabus is applicable to the solution for the local problems	35	44.03	17.84	3.38	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?	50.75	25.13	18.54	4.38	0
9	Student's counseling activities:	40.75	34.12	15.49	10.01	0

10	Infrastructure and lab facility: The learning ambience at the institute is good	42.32	32.12	20.84	5.38	0
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On an average 43% 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. The following are the observations from parents

- More training should be given to wards to get good jobs.

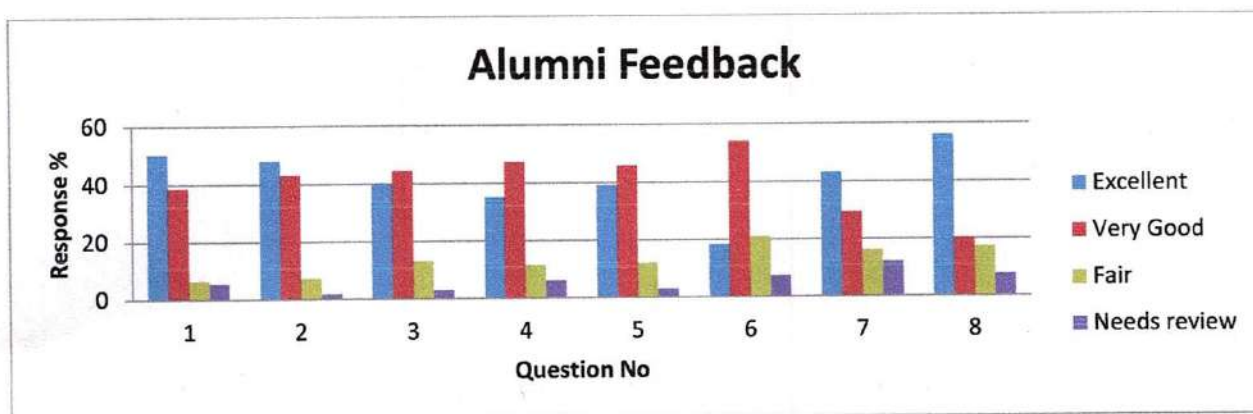
Library should have more books for the subjects taught

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 their sincere feedback on curriculum. We have received total 98 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	50.23	38.56	6.42	5.32
2.	The courses are well structured and placed in order for a visible improvement in performance	48.12	43.02	7.21	1.72
3.	Support from curriculum towards approaching real world problems and finding solutions	40.01	44.5	13.02	2.87

4.	Support from syllabus in promoting lifelong learning and ethical practices	35.2	47.35	11.42	5.98
5	Extent of syllabus and associated activities to support team work and communication	39.17	45.87	12.07	2.87
6	Support from curriculum to promote entrepreneurship skills	18.23	54.21	21.01	7.2
7	Contribution of BE CSE curriculum in getting campus placement	43.21	29.31	16.05	12.02
8	Contribution of Final semester project to employability	56.02	20.12	17.25	7.5



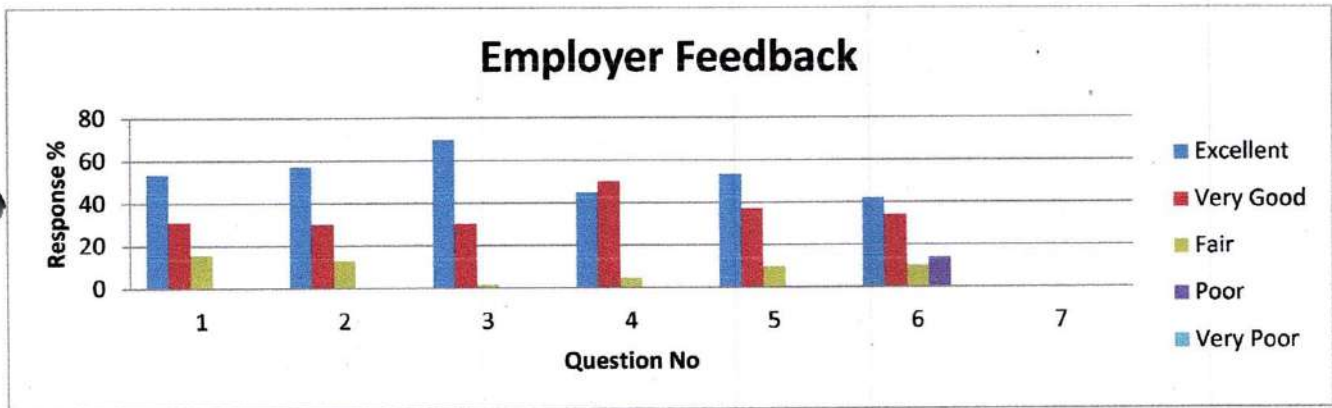
• On an average 40% students are Excellent, 40% are very good, 13% are fair and 5% are needs review with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology. The inference from alumni feedback is value added courses should be included in syllabi to make value additions to the profile of students, Courses like yoga or cleanliness should be added to regular learning to make students better human beings

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	53.4	31.15	15.5	0	0
2	Level of technical contribution of the students	57	30.01	13.06	0	0
3	Demonstrated ability to work well on a team	69.75	30.25	1.5	0	0
4	Does curriculum design focus on employability	44.85	50.13	4.5	0	0

5	The ability to empathise with and work productively with people from a wide range	53.16	37.24	9.6	0	0
6	Be a professional, Ethical & socially responsible engineer	42.14	34.01	9.95	14	0



On an average 54% are excellent, 36% are very good and 7% are fair and 2 are poor with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem. The inference from the employee feedback is Small projects can develop good IT professionals, add some basic courses on problem solving and seminars must be given to improve confidence and stage daring.

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BOS Chairperson

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