

Sona College of Technology (Autonomous)

Department of CSE

Feedback Analysis on Curriculum Collected From Different Stakeholders

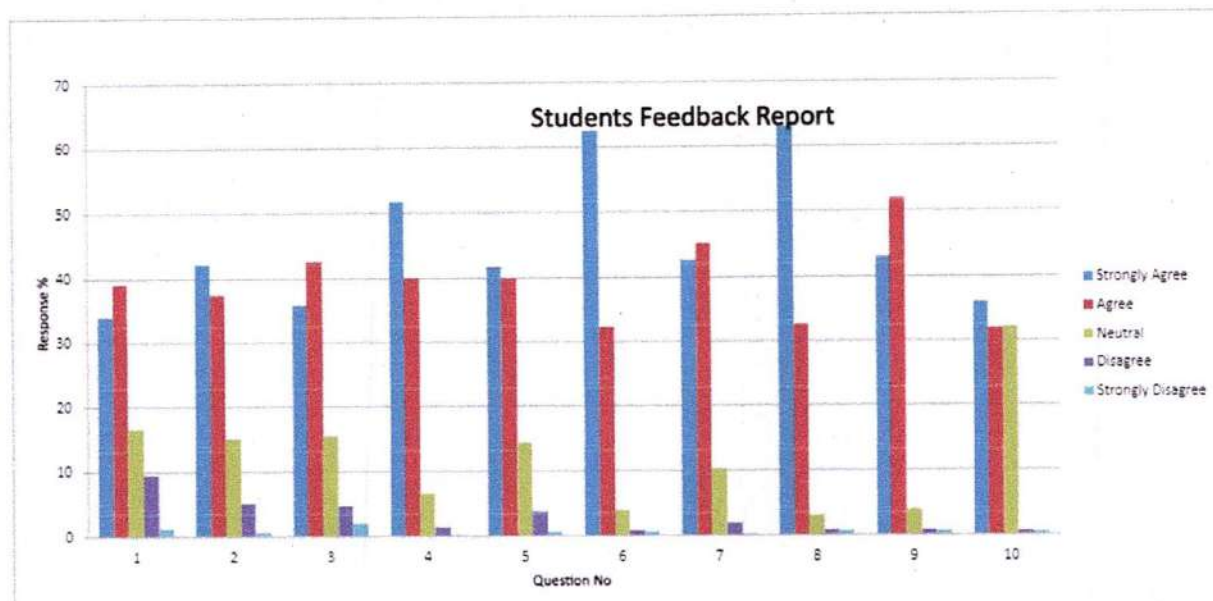
Academic Year: 2019-20(Odd Semester)

16.05.19

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 236 student's online feedback on the syllabus of the various programmes designed by the 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?	33.81	39.1	16.51	9.5	1.08
2	Is your Curriculum fulfilling your expectation	42.2	37.31	14.96	4.99	0.54
3	Is Curriculum helping in developing your personality	35.66	42.45	15.38	4.59	1.92
4	Extent of syllabi covered in the Class	51.8	40	6.56	1.4	0.24
5	Curriculum is relevant for the solution of local problems	41.57	39.8	14.27	3.82	0.54
6	For a given task, are you able to write a computing solution?	62.51	32.18	3.86	0.86	0.59
7	Do you express technical ideas, strategies and methodologies in written form?	42.54	45.06	10.14	1.98	0.28
8	Fairness in the assessment processes	63.03	32.58	3.02	0.71	0.66
9	Timely announcement of examination results	42.83	51.98	3.88	0.75	0.56
10	Are you given the Opportunities to involve yourself in the Research / consultancy /project activities of the department	35.79	31.82	32.05	0.65	0.41

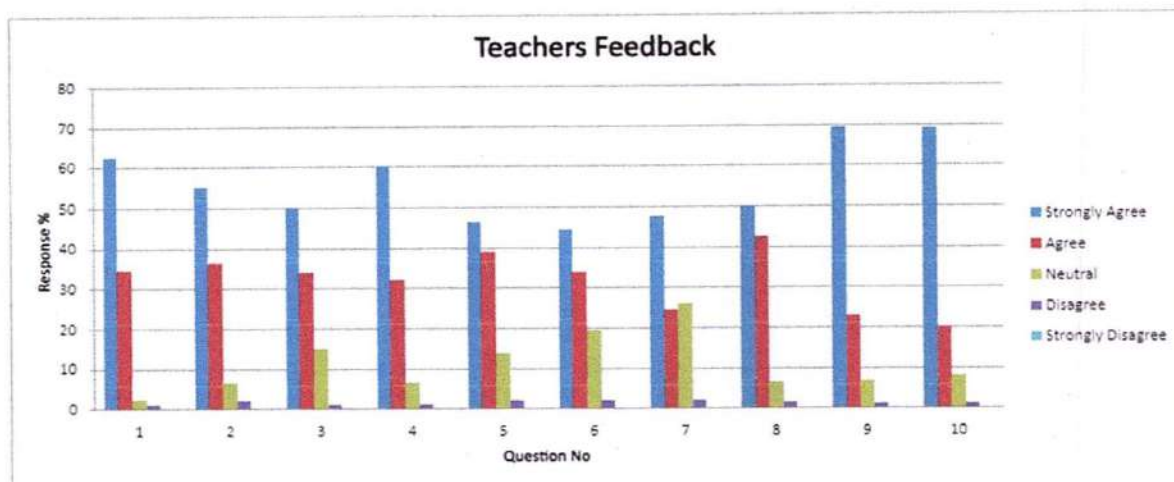


On an average 46% students are strongly agree, 39.3% are agree, 12% are neutral, 3% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by Sona College of Technology, Salem. The inference from students feedback is More Practical oriented course should be included.

Teachers Feedback:

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?	62.45	34.43	2.28	1.062	0
2	Are the prime objectives addressed effectively in each unit?	55.18	36.33	6.54	2.033	0
3	Curriculum having good academic flexibility	49.85	33.98	15.05	1.062	0
4	The course content fulfils the need of students	60.28	32.13	6.55	1.062	0
5	Curriculum enhanced employability	46.08	39.04	13.55	2.083	0
6	The course outcomes are well defined and clear	44.44	34.03	19.53	2	0
7	Sufficient number of relevant reading materials and digital resources are available in the Library	47.57	24.28	26.07	2.083	0
8	Do you have freedom to propose, modify, suggest and incorporate new topics in the syllabus?	50.09	42.36	6.4	1.26	0
9	I have the freedom to adopt new techniques/education tools /strategies in teaching	69.33	22.81	6.75	1.062	0
10	I have taken sufficient steps to provide assistance to slow learners	69.1	19.97	7.95	1.062	0



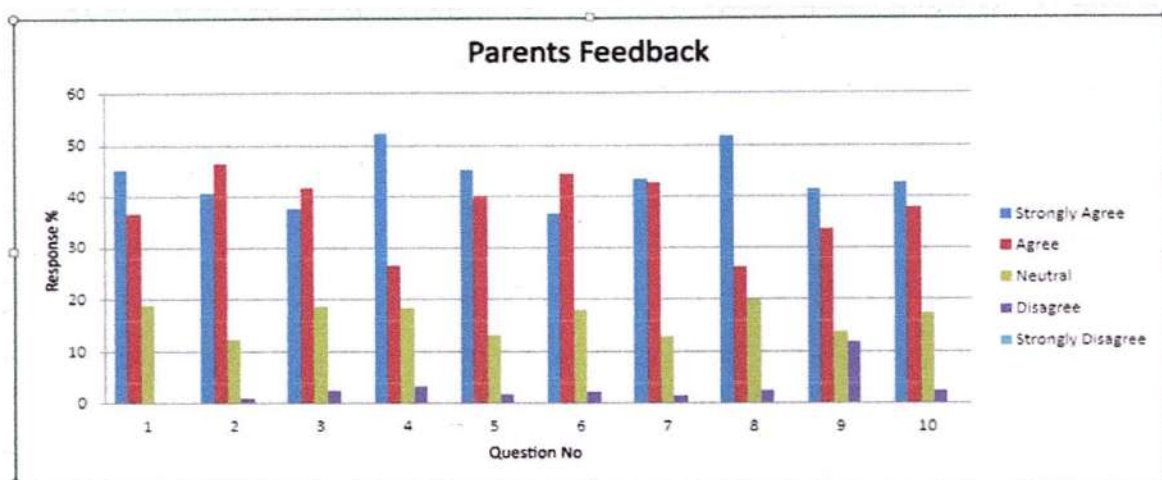
On an average 55.5% teachers are strongly agree, 32% are agree, 11% are neutral and 1.5% are disagree with the current syllabus of the various programmes designed by Department of CSE, Sona College of Technology, Salem. The inference from faculty feedback is Artificial Intelligence can be shifted to 6th semester which would help students for placement

Parent Feedback:

The feedback from the parents is collected on the current syllabus of the various programmes and analyzed. We have received total 45 parent's feedback on the current content of the syllabus. Analysis of the total 45 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	45.02	36.45	18.9	0	0
2	Does the curriculum accommodates courses with experiential learning (hands-on)	40.5	46.33	12.27	0.79	0
3	Does the curriculum design has focus on employability?	37.45	41.55	18.5	2.45	0
4	Did the subject/courses help in developing your ward's personality?	52.14	26.33	18.21	3.24	0
5	Curriculum help in developing personality of your ward	45.01	40.15	12.98	1.59	0
6	Syllabus is applicable to the solution for the local problems	36.42	44.26	17.8	2.1	0
7	Are you satisfied with the facilities provided by the college:	43.21	42.56	12.78	1.34	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:	41.2	33.56	13.62	11.62	0

10	Infrastructure and lab facility: The learning ambience at the institute is good	42.51	37.66	17.25	2.38	0
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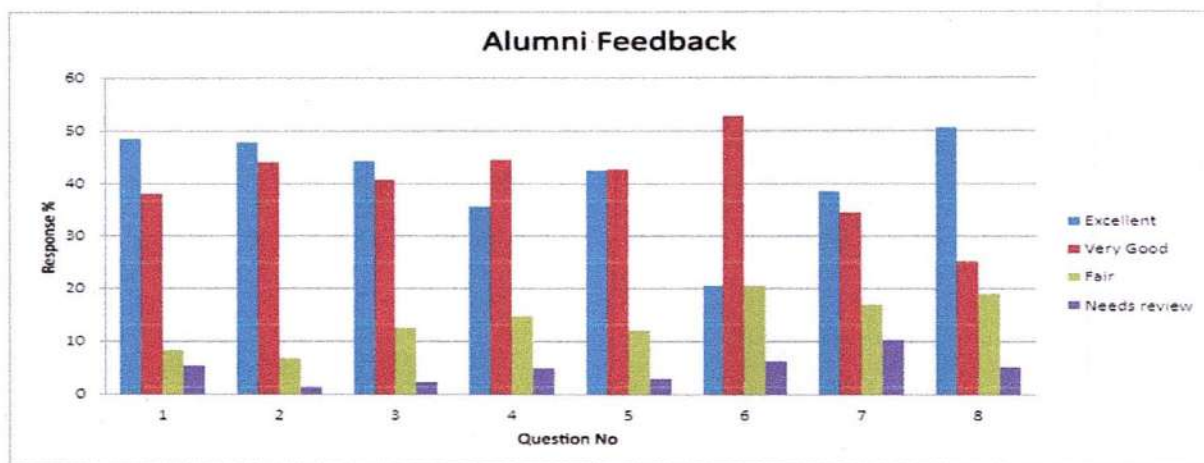
On an average 43.5% Parents are strongly agree, 37.5% are agree, 16% are neutral and 3% are disagree with the current syllabus of the various programmes designed by Department of CSE, Sona College of Technology, Salem. The inference from parents feedback is Industry Training is required

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 their 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:

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	48.5	37.98	8.2	5.32
2.	The courses are well structured and placed in order for a visible improvement in performance	47.89	44.07	6.72	1.32
3.	Support from curriculum towards approaching real world problems and finding solutions	44.31	40.75	12.57	2.37
4.	Support from syllabus in promoting lifelong learning and ethical practices	35.61	44.43	14.66	5.02
5.	Extent of syllabus and associated activities to support team work and communication	42.5	42.65	11.98	2.87
6.	Support from curriculum to promote entrepreneurship skills	20.55	52.62	20.56	6.32

7	Contribution of BE CSE curriculum in getting campus placement	38.41	34.43	16.89	10.34
8	Contribution of Final semester project to employability	50.48	25.25	18.97	5.17

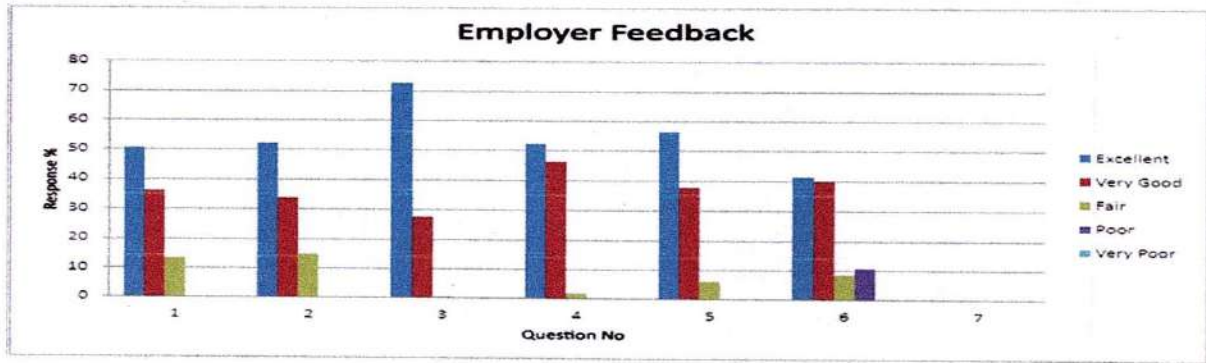


On an average 41% students are Excellent, 40.2% are very good, 13.8% are fair and 5% are needs review with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology. The inference from alumni feedback is More Project expo should be done

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	50.45	36.12	13.42	0	0
2	Level of technical contribution of the students	52.16	33.56	14.56	0	0
3	Demonstrated ability to work well on a team	72.56	27.26	0.18	0	0
4	Does curriculum design focus on employability	52.13	46.26	1.61	0	0
5	The ability to empathise with and work productively with people from a wide range	56.24	37.58	6.19	0	0
6	Be a professional, Ethical & socially responsible engineer	41.35	39.65	8.25	10.75	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 the Department of CSE, Sona College of Technology, Salem. The inference from employee feedback is Practical and Technical Exposure of industry.

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Sona College of Technology (Autonomous)

Department of CSE

Feedback Analysis on Curriculum Collected From Different Stakeholders

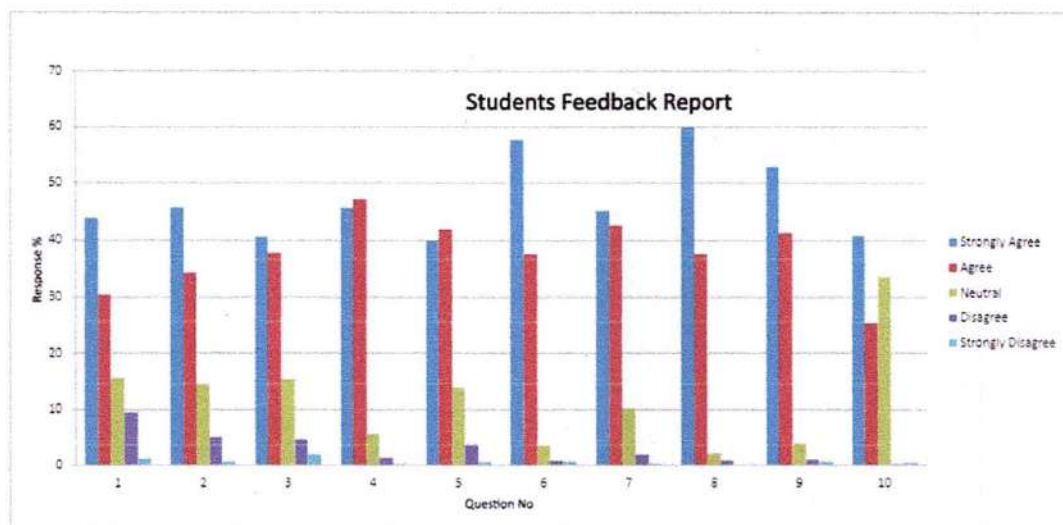
Academic Year: 2019-20(Even Semester)

30.11.19

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 256 student's online feedback on the syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem.

Sno	Question	5	4	3	2	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
	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

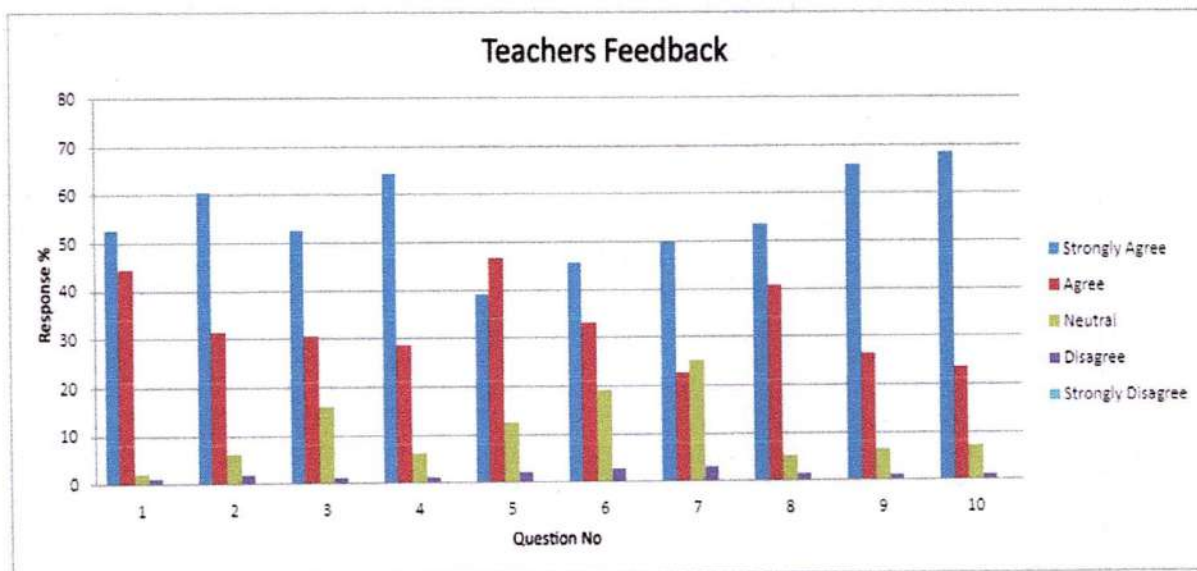


On an average 47% students are strongly agree, 35% are agree, 11.8% are neutral, 2.8% are disagree and 1% are strongly disagree with the current syllabus of the various programmes designed by the Sona College of Technology, Salem. The inference from students feedback is small projects to be included in the core subjects, Extra lab session should be conducted for those missed labs.

Teachers Feedback:

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	5	4	3	2	1
1	Does the syllabus has good balance between theory and application?	52.45	44.45	2.02	1.062	0
2	Are the prime objectives addressed effectively in each unit?	60.54	31.45	6.05	1.83	0
3	Curriculum having good academic flexibility	52.56	30.54	15.82	1.062	0
4	The course content fulfills the need of students	64.26	28.45	6.25	1.06	0
5	Curriculum enhanced employability	39.04	46.51	12.55	1.9	0
6	The course outcomes are well defined and clear	45.44	33.03	19.03	2.5	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



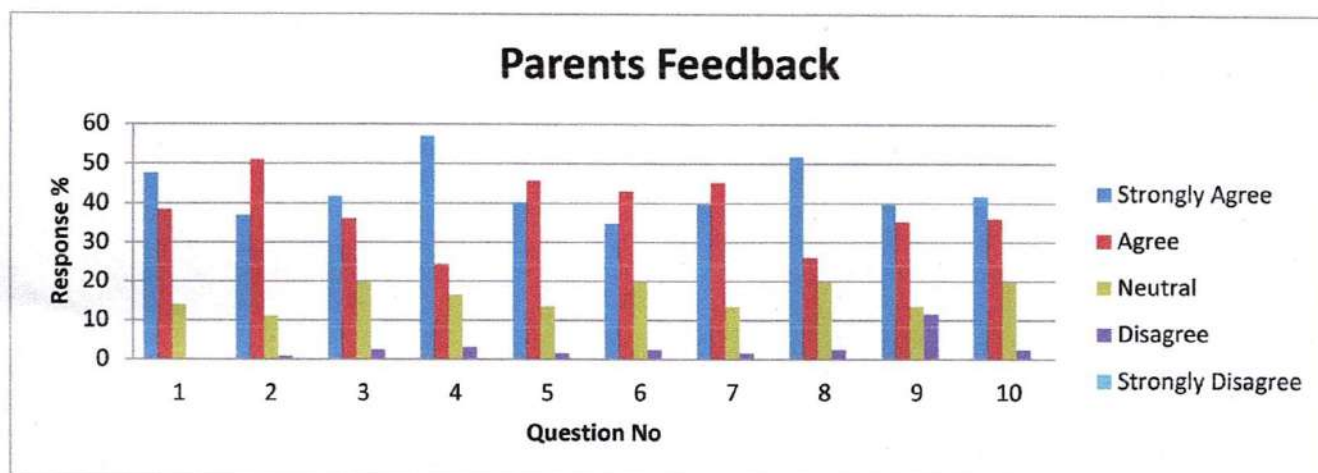
On an average 55% students are strongly agree, 32.7% are agree, 10.5% are neutral and 1.6% are disagree with the current syllabus of the various programmes designed by Department of CSE ,Sona College of Technology, Salem. The inference from faculty feedback is Department must introduce more elective subjects 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 54 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	47.62	38.41	13.97	0	0
2	Does the curriculum accommodates courses with experiential learning (hands-on)	36.98	51.11	11.11	0.79	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?	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



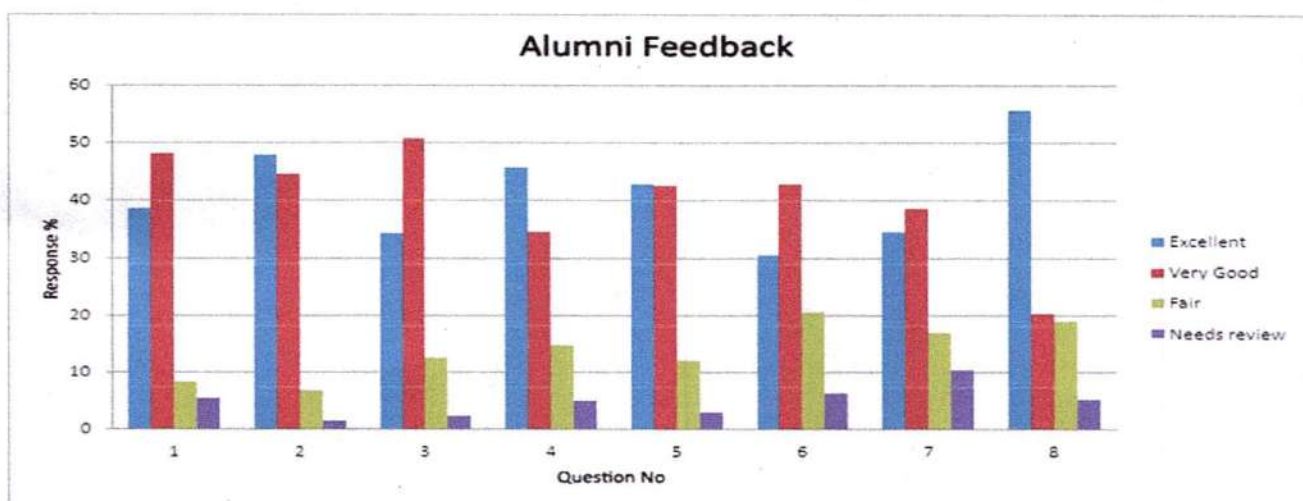
On an average 43.5% students are strongly agree, 37.5% are agree, 16% are neutral and 3% are disagree with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology, Salem. The inference from parents is more training should be given to wards to get good jobs and 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 110 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	38.5	47.98	8.2	5.32
2	The courses are well structured	47.89	44.58	6.72	1.32

	and placed in order for a visible improvement in performance				
3	Support from curriculum towards approaching real world problems and finding solutions	34.31	50.75	12.57	2.37
4	Support from syllabus in promoting lifelong learning and ethical practices	45.61	34.43	14.66	5.02
5	Extent of syllabus and associated activities to support team work and communication	42.65	42.5	11.98	2.87
6	Support from curriculum to promote entrepreneurship skills	30.55	42.62	20.56	6.32
7	Contribution of BE CSE curriculum in getting campus placement	34.41	38.43	16.89	10.34
8	Contribution of Final semester project to employability	55.48	20.25	18.97	5.17

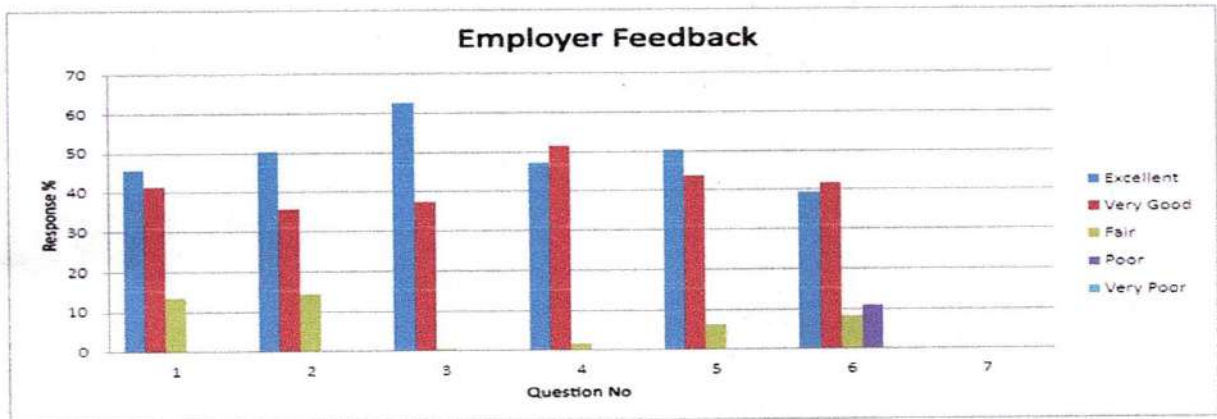


- On an average 41% students are Excellent, 40% are very good, 13.8% are fair and 4.8% are needs review with the current syllabus of the various programmes designed by the Department of CSE, Sona College of Technology. The inference from alumni feedback is Special training session should be conducted to identify bright students placement opportunities, department can offer teaching assistance ship to meritorious PG Students and project should be relevant and related to real world problems

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	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 49% are excellent, 41.7% 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 employee feedback is recruiters suggested that the students should be strong in interpersonal skill and focus on personality development for the interview process and Students should be more participative and familiar about collaborative team efforts

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