Feedback Analysis on Curriculum Collected From Different Stakeholders
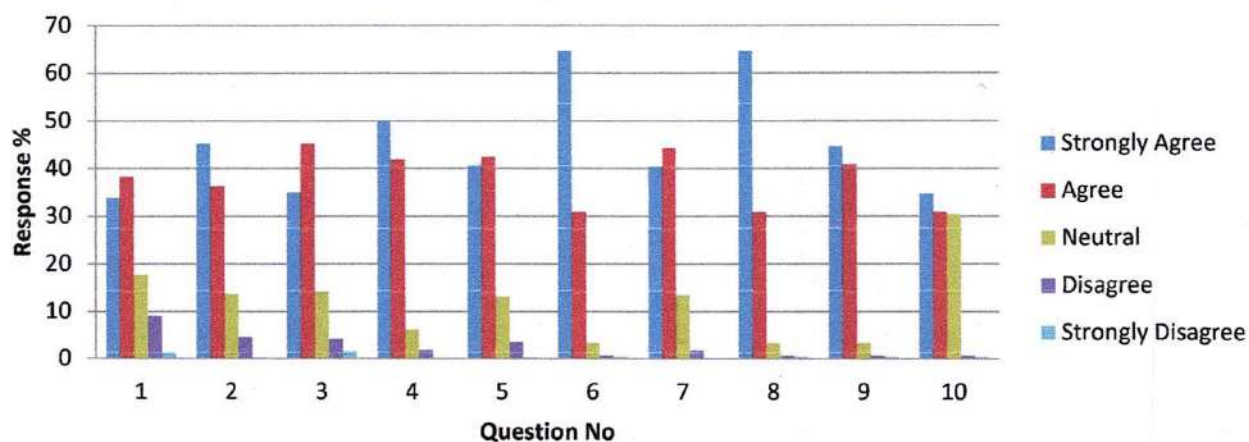
Academic Year: 2020-21(Odd Semester)

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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 237 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?	33.83	38.2	17.76	9.05	1.17
2	Is your Curriculum fulfilling your expectation	45.22	36.18	13.75	4.52	0.34
3	Is Curriculum helping in developing your personality	34.85	45.22	14.24	4.19	1.51
4	Extent of syllabi covered in the Class	50.08	41.88	6.2	1.84	0
5	Curriculum is relevant for the solution of local problems	40.7	42.38	13.07	3.52	0.34
6	For a given task, are you able to write a computing solution?	64.66	30.82	3.35	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	44.66	40.82	3.35	0.67	0.5
10	Are you given the Opportunities to involve yourself in the Research / consultancy /project activities of the department	34.66	30.82	30.35	0.67	0.5

Students Feedback Report

On an average 46% students are strongly agree, 38% 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 Courses on data analytics and new technologies should be arranged,Project should be given in regular curricula and courses such as Python, Full Stack, and Advance JAVA should be included in syllabi
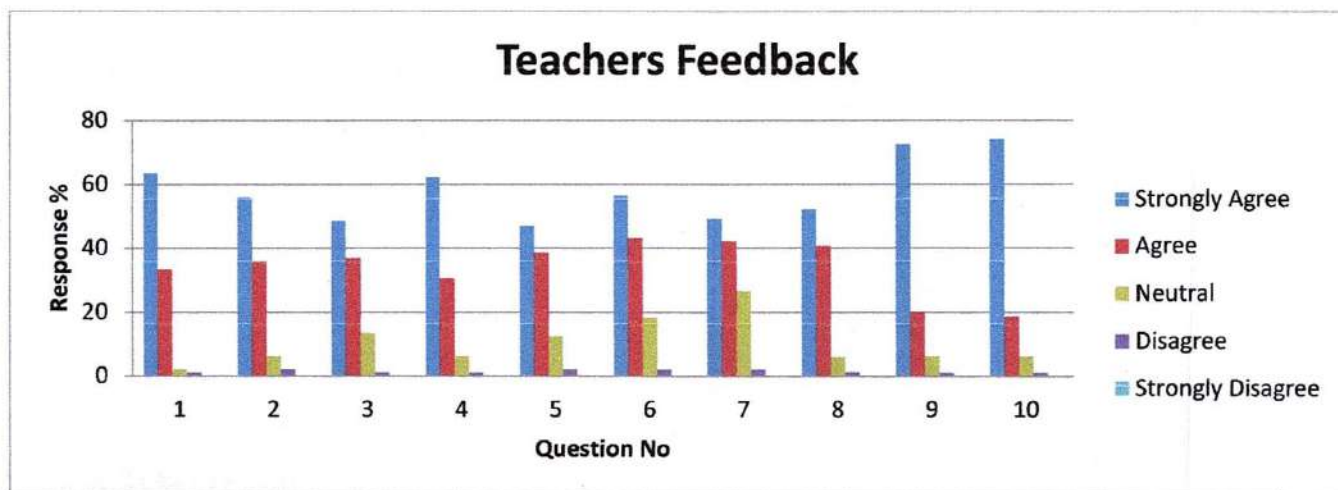
Teachers Feedback:

The feedback on curriculum is taken by the respective subject teachers regarding suggestions on improvement of the syllabus. We have received 28 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?	63.54	33.33	2.08	1.042	0
2	Are the prime objectives addressed effectively in each unit?	55.83	35.83	6.25	2.083	0
3	Curriculum having good academic flexibility	48.54	36.88	13.54	1.042	0
4	The course content fulfils the need of students	62.08	30.63	6.25	1.042	0
5	Curriculum enhanced employability	46.88	38.54	12.50	2.083	0
6	The course outcomes are well defined and clear	56.46	43.13	18.33	2.083	0
7	Sufficient number of relevant reading materials and digital resources are available in the Library	49.17	42.08	26.67	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	72.63	20.08	6.25	1.042	0
10	I have taken sufficient steps to provide assistance to slow learners	74.08	18.63	6.25	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 inference from faculty feedback is the syllabus should be enhanced in the next regulations
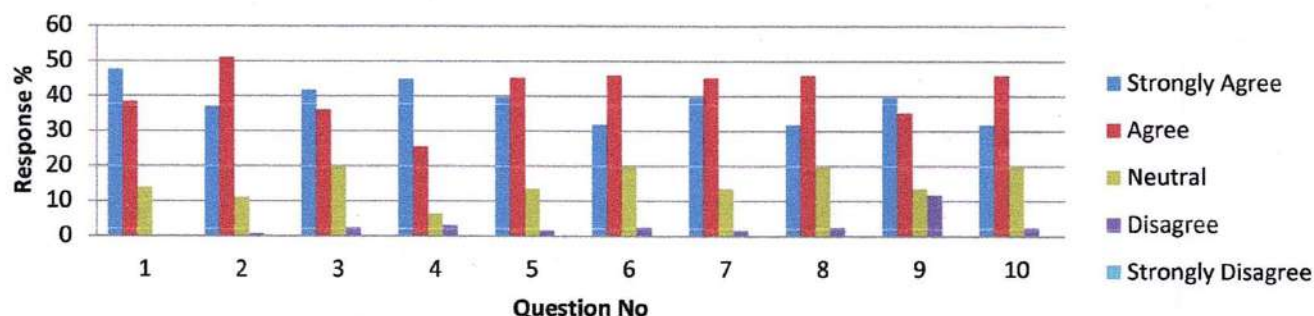
Parent Feedback:

The feedback from the parents is collected on the current syllabus of the various programmes and analyzed. We have received total 34 parent's feedback on the current content of the syllabus. Analysis of the total 34 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

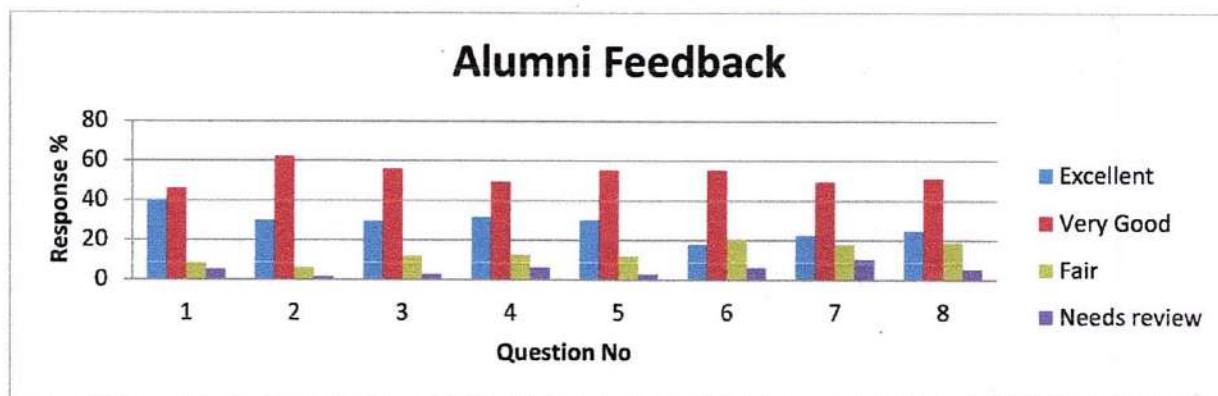|						
3	Does the curriculum design has focus on employability?	41.75	36.03	19.84	2.38	0
4	Did the subject/courses help in developing your ward's personality?	44.98	25.44	6.40	3.17	0
5	Curriculum help in developing personality of your ward	39.68	45.24	13.49	1.59	0
6	Syllabus is applicable to the solutionfor the local problems	31.75	46.03	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?	31.75	46.03	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	31.75	46.03	19.84	2.38	0

Parents Feedback

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 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 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:

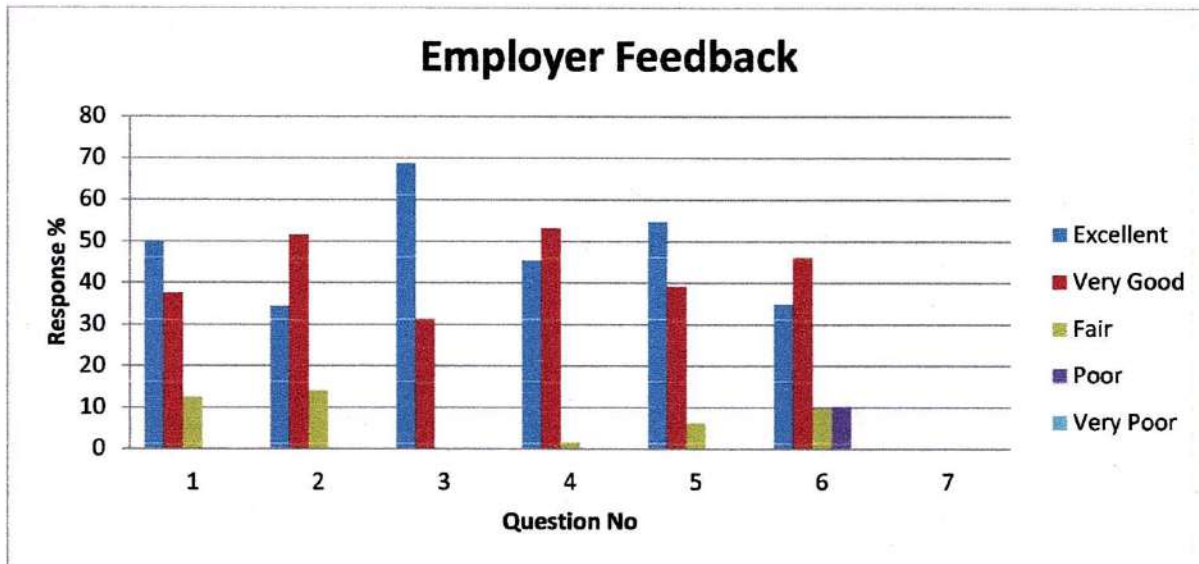| Question No.	Curriculum Evaluation Points	Response			
		Excellent	Very Good	Fair	Needs review
1.	Contribution of BE CSE curriculum to the knowledge required for your current position	40.23	45.98	8.62	5.32
2.	The courses are well structured and placed in order for a visible improvement in performance	29.89	62.07	6.32	1.72
3.	Support from curriculum towards approaching real world problems and finding solutions	29.31	55.75	12.07	2.87
4.	Support from syllabus in promoting lifelong learning and ethical practices	31.61	49.43	12.64	6.32
5	Extent of syllabus and associated activities to support team work and communication	29.89	55.17	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	22.41	49.43	17.81	10.34
8	Contribution of Final semester project to employability	24.71	51.15	18.97	5.17

Alumni Feedback

On an average 28% students are Excellent, 53% are very good, 13% are fair and 4% 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 Python Programming should be included in 1st year and Competitive Programming should be added

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	50.00	37.50	12.50	0.00	0.00
2	Level of technical contribution of the students	34.38	51.56	14.06	0.00	0.00
3	Demonstrated ability to work well on a team	68.75	31.25	0.00	0.00	0.00
4	Does curriculum design focus on employability	45.31	53.13	1.56	0.00	0.00
5	The ability to empathise with and work productively with people from a wide range	54.69	39.06	6.25	0.00	0.00
6	Be a professional, Ethical & socially responsible engineer	34.86	46.14	9.75	10.25	0.00

Employer Feedback

On an average 48% 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 employee feedback is to organize hands on training programs to improve programming

BOS Coordinator

BOS Chairperson

Dr.B. SATHIYABHAMA, B.E.,M.Tech.,Ph.D.
PROFESSOR & HEAD,
Dept. of Computer Science and Engineering
SONA COLLEGE OF TECHNOLOGY
SALEM - 636 005

Sona College of Technology (Autonomous)
Department of CSE
Feedback Analysis on Curriculum Collected From Different Stakeholders
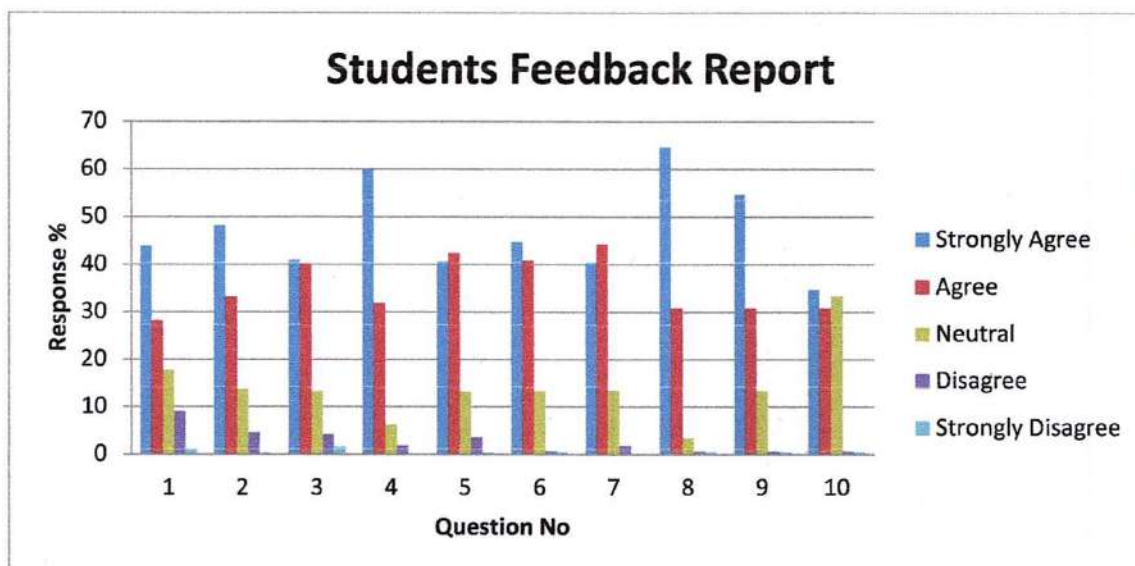### Academic Year: 2020-21(Even Semester)

30.11.2020

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

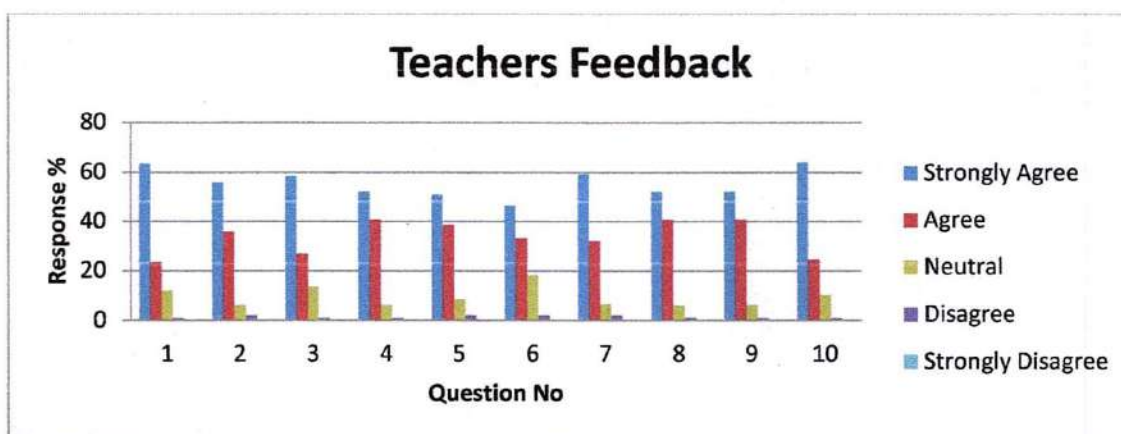| Sno	Question	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	Are you able to solve engineering problems based on the knowledge of mathematics, science and engineering / computing?	43.83	28.2	17.75	9.05	1.17
2	Is your Curriculum fulfilling your expectation	48.17	33.22	13.75	4.52	0.34
3	Is Curriculum helping in developing your personality	40.85	40.22	13.23	4.19	1.51
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	54.66	30.82	13.35	0.67	0.5
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 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 Online offline mode teaching, continuation of online MCQ Examination system,online access to digital resources (open and subscription) be provided by library for referencing and training on personality and professional development be provided to enhance employability skill.

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?	63.54	23.33	12.08	1.042	0
2	Are the prime objectives addressed effectively in each unit?	55.83	35.83	6.25	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	52.1	40.63	6.25	1.02	0
5	Curriculum enhanced employability	50.88	38.54	8.5	2.083	0
6	The course outcomes are well defined and clear	46.46	33.13	18.33	2.083	0
7	Sufficient number of relevant reading materials and digital resources are	59.17	32.08	6.67	2.083	0

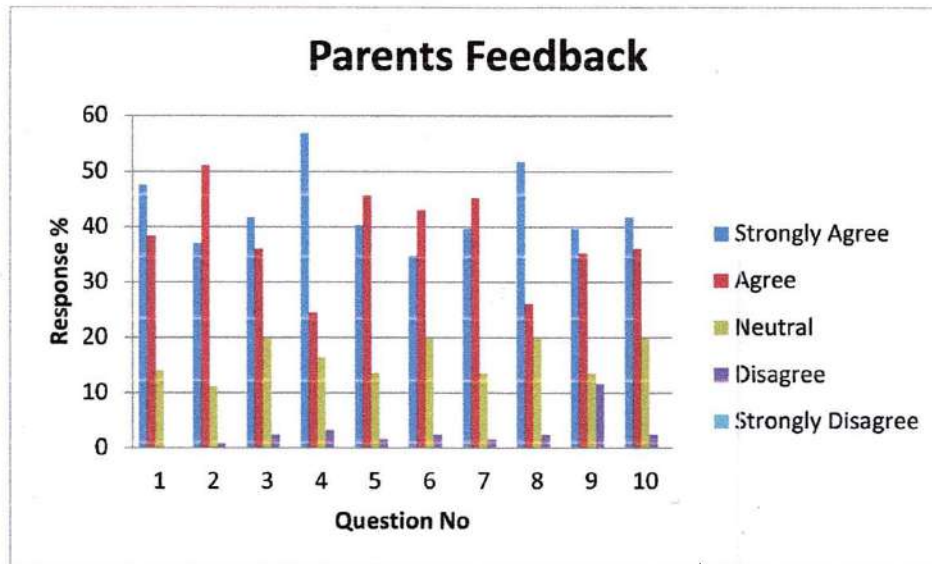|						
	available in the Library					
8	Do you have freedom to propose, modify, suggest and incorporate new topics in the syllabus?	52.08	40.63	6.04	1.26	0
9	I have the freedom to adopt new techniques/education tools /strategies in teaching	52.08	40.63	6.25	1.042	0
10	I have taken sufficient steps to provide assistance to slow learners	64.08	24.63	10.25	1.042	0

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 Department of CSE ,Sona College of Technology,Salem.The inference from faculty feedback is Organize training workshops for skill development,Develop a fresher and alumni student database for easy talent identification , Suggested to facilitate telephonic/ online interviews for fresher 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 36 parent's feedback on the current content of the syllabus. Analysis of the total 36 feedback received from the parents is done as follows:

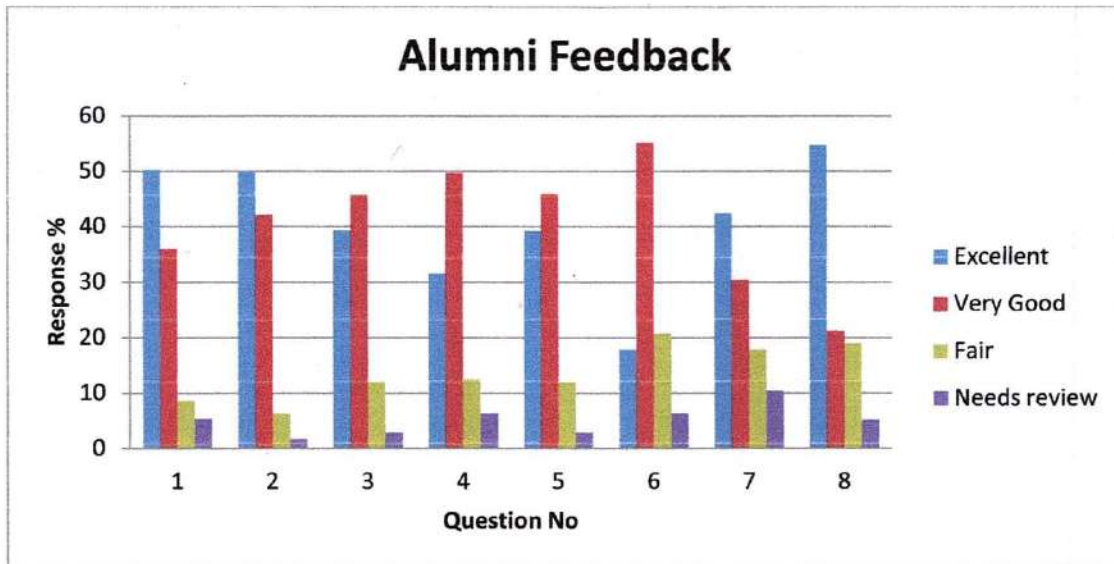| Sno	Question	Strongly Agree (5)	Agree (4)	Neutral (3)	Disagree (2)	Strongly Disagree (1)
1	The curriculum and syllabus content were appropriate for your wards placement / higher education	47.62	38.41	13.97	0	0
2	Does the curriculum accommodates courses with experiential learning (hands-on)	36.98	51.11	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 solutionfor 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 tosecure 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

Parents Feedback

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 the Department of CSE,Sona College of Technology,Salem.The inference from parents feedback is to organize online parents-teachers meet

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 102 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:

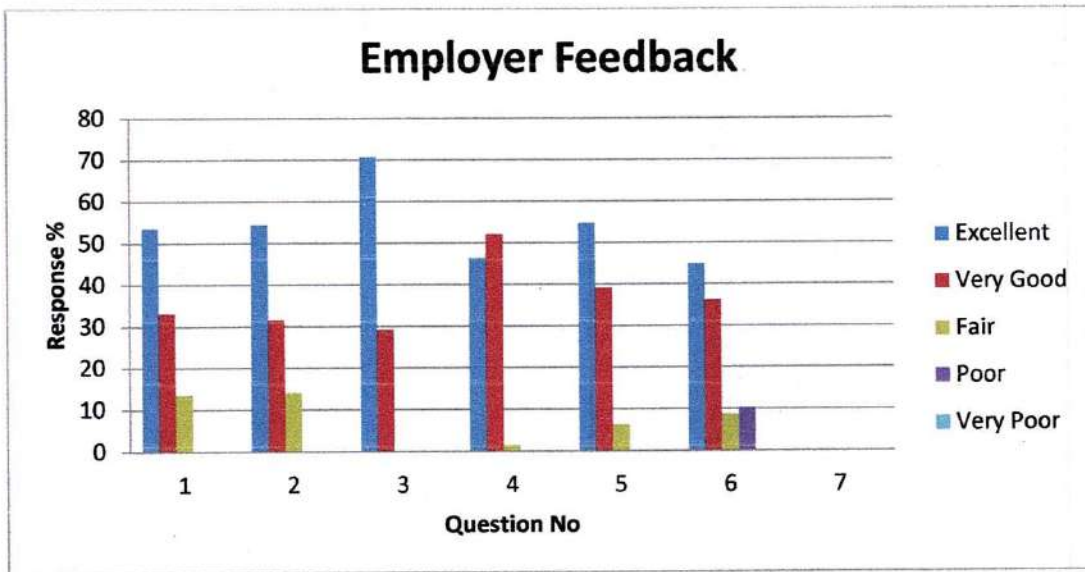| Question No.	Curriculum Evaluation Points	Response			
		Excellent	Very Good	Fair	Needs review
1.	Contribution of BE CSE curriculum to the knowledge required for your current position	50.23	35.98	8.62	5.32
2.	The courses are well structured and placed in order for a visible improvement in performance	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

Alumni Feedback

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 Department of CSE,Sona College of Technology.The inference from feedback is to strengthen Alumni network through alumni association. • Provide with job opportunity information.

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 20 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

Employer Feedback

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 Department of CSE,Sona College of Technology,Salem.The inference from employee feedback is to facilitate an independents LMS platform for teaching activities and evaluation and facilitate an SMS/APP-based communication system with students currently, open access social media meeting apps are being used to undertake such activities

BOS Coordinator

BOS Chairperson

Dr.B. SATHIYABHAMA, B.E.,M.Tech.,Ph.D.
PROFESSOR & HEAD,
Dept. of Computer Science and Engineering
SONA COLLEGE OF TECHNOLOGY
S A L E M - 636 005