GOVERNMENT COLLEGE OF ENGINEERING

SALEM-11

Online feedback system

For Alumini

Contents
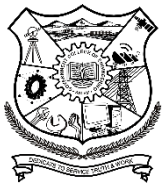
Government College of Engineering, Salem – 636 011

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Alumni Feedback Analysis Report

1. No of Aluminis provided Feedback: 177

2. Feedback Questions and options:

S.No	Parameters	Answer Options
1	Able to apply the knowledge of basic sciences and engineering fundamentals to solve engineering problems.	
2	Able design & conduct experiments, analyse and interpret the resulting data to solve Engineering problems	
3	Ability to design a system or process to meet the desired needs within the realistic constrains such as economic environmental social ethical health care, safety manufacturability and sustainability.	
4	Analyse the complex engineering problems and give solutions related to industries.	
5	Ability to use the techniques skill and modern engineering tools necessary for engineering practise.	
6	Has knowledge of contemporary issues relevant to professional engineering practise.	5 is treated as maximum score for each question
7	Have gained board education necessary to understand the impact of engineering solutions in global economic environmental and social context.	1. Strongly Agree – 5
8	Ability to understand professional and ethical responsibility.	2. Agree – 4
9	Has ability to function on multidisciplinary teams	3. Neutral – 3
10	Able to recognise the need engagement in research and to involve in long term learning	4. Disagree – 2
11	Has ability to work as a leader in a team to manage projects in multidisciplinary environment.	5. Strongly Disagree – 1
12	Have ability to communicate effectively	
13	To analyse, design and develop solutions for the real time problems and to apply the technical Knowledge for developing quality products for Industry.	
14	To adapt to emerging technologies and to develop innovative ideas and solutions.	
15	An ability to make use of acquired technical knowledge to get employed in the field of Engineering and also to become successful Entrepreneur	
16	The curriculum and syllabus content were appropriate for my placement / higher education	
17	Sufficient number of co-curricular activities were arranged during my study period	
18	The institute-industry tie ups were useful for me	
19	The institute / faculty helped me in placement/higher education	
20	The institute offers sufficient scholarships to merit students and deserving students	
21	The learning ambiance at the institute is good	
22	The institute provides sufficient opportunity to participate in extra-curricular activities	

23	The curriculum accommodates courses with experimental learning (hands-on)	
24	All the academic processes at the institute is transparent	
25	The institute is student-centric in all its academic initiatives	

3. Feedback Questions and score:

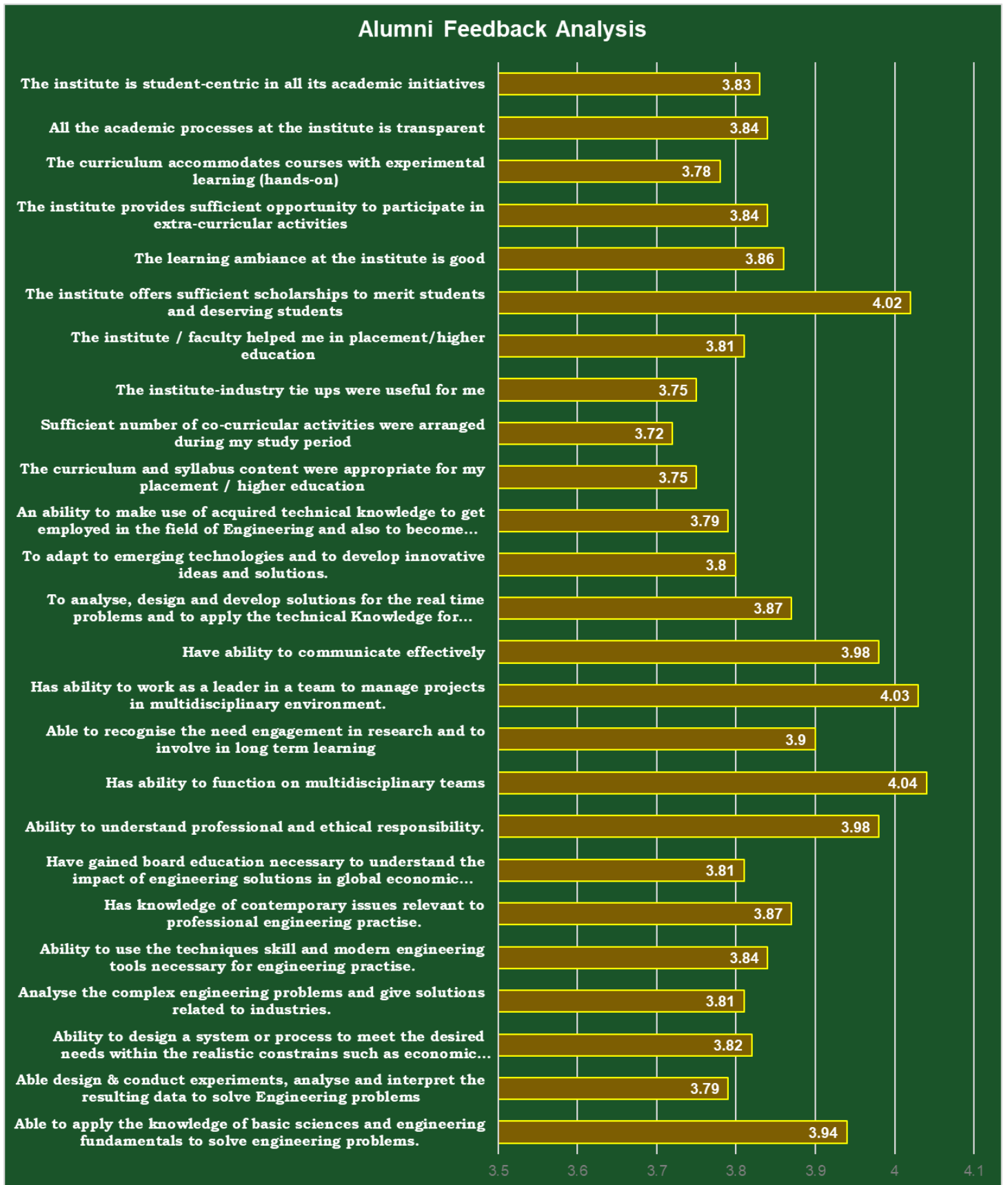| S.No	Parameters	No of "Strongly agree" i.e. 5	No of "Agree" i.e. 4	No of "Neutral" i.e. 3	No of "Disgree" i.e. 2	No of "Strongly disagree" i.e. 1	Weighted Average	%
1	Able to apply the knowledge of basic sciences and engineering fundamentals to solve engineering problems.	48	90	29	1	9	3.94	78.8
2	Able design & conduct experiments, analyse and interpret the resulting data to solve Engineering problems	44	81	36	3	13	3.79	75.8
3	Ability to design a system or process to meet the desired needs within the realistic constrains such as economic environmental social ethical health care, safety manufacturability and sustainability.	45	79	38	6	9	3.82	76.4
4	Analyse the complex engineering problems and give solutions related to industries.	42	86	31	9	9	3.81	76.2
5	Ability to use the techniques skill and modern engineering tools necessary for engineering practise.	44	86	32	4	11	3.84	76.8
6	Has knowledge of contemporary issues relevant to professional engineering practise.	42	90	33	4	8	3.87	77.4
7	Have gained board education necessary to understand the impact of engineering solutions in global economic environmental and social context.	40	86	37	6	8	3.81	76.2
8	Ability to understand professional and ethical responsibility.	53	88	24	4	8	3.98	79.6
9	Has ability to function on multidisciplinary teams	53	95	20	1	8	4.04	80.8
10	Able to recognise the need engagement in research and to involve in long term learning	49	84	31	4	9	3.9	78

GCE-Salem Alumini Feedback Analysis

11	Has ability to work as a leader in a team to manage projects in multidisciplinary environment.	60	83	22	4	8	4.03	80.6
12	Have ability to communicate effectively	51	92	23	2	9	3.98	79.6
13	To analyse, design and develop solutions for the real time problems and to apply the technical Knowledge for developing quality products for Industry.	40	98	25	4	10	3.87	77.4
14	To adapt to emerging technologies and to develop innovative ideas and solutions.	37	97	25	6	12	3.8	76
15	An ability to make use of acquired technical knowledge to get employed in the field of Engineering and also to become successful Entrepreneur	38	93	28	7	11	3.79	75.8
16	The curriculum and syllabus content were appropriate for my placement / higher education	43	77	40	4	13	3.75	75
17	Sufficient number of co-curricular activities were arranged during my study period	42	74	40	11	10	3.72	74.4
18	The institute-industry tie ups were useful for me	45	74	38	8	12	3.75	75
19	The institute / faculty helped me in placement/higher education	53	69	34	11	10	3.81	76.2
20	The institute offers sufficient scholarships to merit students and deserving students	56	82	32	0	7	4.02	80.4
21	The learning ambiance at the institute is good	50	79	31	8	9	3.86	77.2
22	The institute provides sufficient opportunity to participate in extra-curricular activities	44	85	33	6	9	3.84	76.8
23	The curriculum accommodates courses with experimental learning (hands-on)	45	80	32	8	12	3.78	75.6
24	All the academic processes at the institute is transparent	45	82	36	5	9	3.84	76.8
25	The institute is student-centric in all its academic initiatives	44	83	36	4	10	3.83	76.6

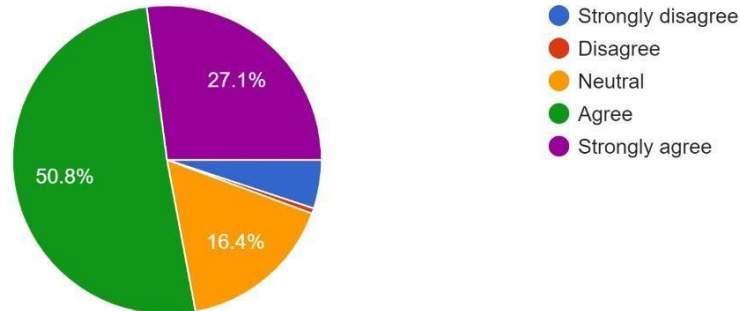Overall Performance   3.86   77.2

4. Bar Chart of the overall Analysis

Alumni Feedback Analysis

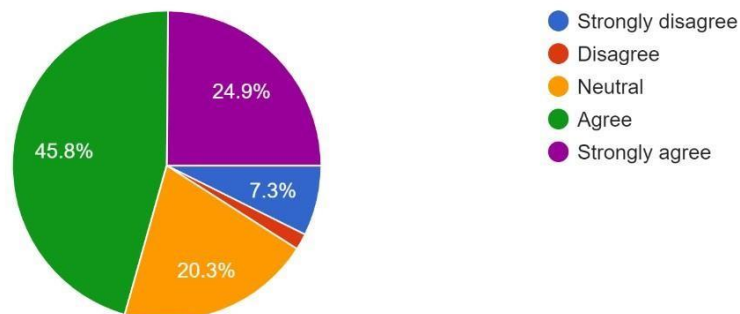| Question	Score
The institute is student-centric in all its academic initiatives	3.83
All the academic processes at the institute is transparent	3.84
The curriculum accommodates courses with experimental learning (hands-on)	3.78
The institute provides sufficient opportunity to participate in extra-curricular activities	3.84
The learning ambiance at the institute is good	3.86
The institute offers sufficient scholarships to merit students and deserving students	4.02
The institute / faculty helped me in placement/higher education	3.81
The institute-industry tie ups were useful for me	3.75
Sufficient number of co-curricular activities were arranged during my study period	3.72
The curriculum and syllabus content were appropriate for my placement / higher education	3.75
An ability to make use of acquired technical knowledge to get employed in the field of Engineering and also to become...	3.79
To adapt to emerging technologies and to develop innovative ideas and solutions.	3.8
To analyse, design and develop solutions for the real time problems and to apply the technical Knowledge for...	3.87
Have ability to communicate effectively	3.98
Has ability to work as a leader in a team to manage projects in multidisciplinary environment.	4.03
Able to recognise the need engagement in research and to involve in long term learning	3.9
Has ability to function on multidisciplinary teams	4.04
Ability to understand professional and ethical responsibility.	3.98
Have gained board education necessary to understand the impact of engineering solutions in global economic...	3.81
Has knowledge of contemporary issues relevant to professional engineering practise.	3.87
Ability to use the techniques skill and modern engineering tools necessary for engineering practise.	3.84
Analyse the complex engineering problems and give solutions related to industries.	3.81
Ability to design a system or process to meet the desired needs within the realistic constrains such as economic...	3.82
Able design & conduct experiments, analyse and interpret the resulting data to solve Engineering problems	3.79
Able to apply the knowledge of basic sciences and engineering fundamentals to solve engineering problems.	3.94

GCE-Salem Alumini Feedback Analysis

5. Question wise Analysis

1. Able to apply the knowledge of basic sciences and engineering fundamentals to solve engineering problems.
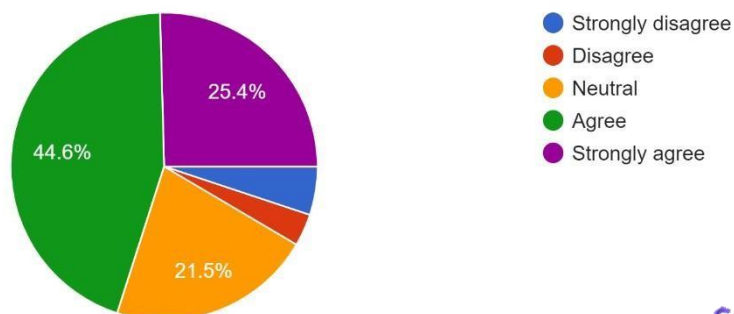
177 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

27.1%
50.8%
16.4%

2. Able design & conduct experiments, analyze and interpret the resulting data to solve Engineering problems

177 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

24.9%
45.8%
7.3%
20.3%

3. Ability to design a system or process to meet the desired needs within the realistic constrains such as economic, environmental, social, ethical, hea...re, safety, manufacturability, and sustainability.

177 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

25.4%
44.6%
21.5%

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4. Analyze the complex engineering problems and give solutions related to industries.

177 responses
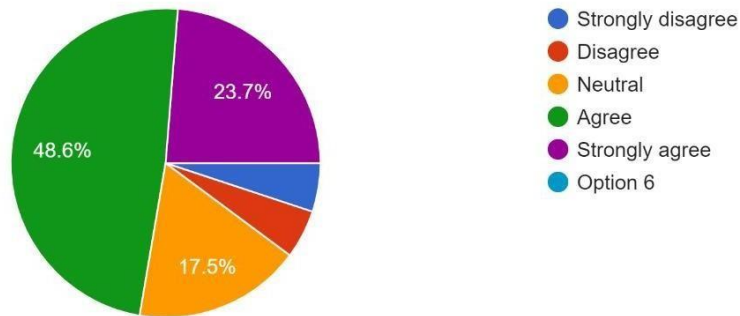
- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree
- ● Option 6

23.7%
48.6%
17.5%

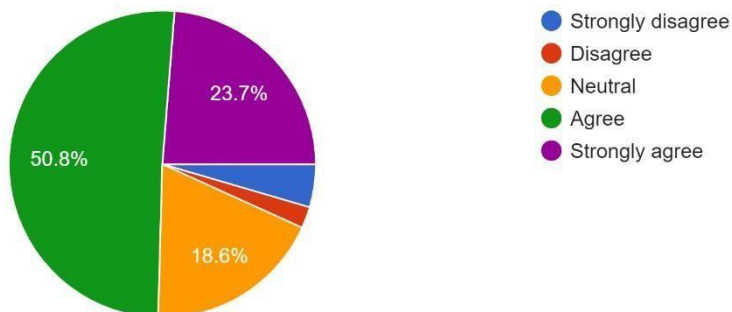5. Ability to use the techniques skill and modern engineering tools necessary for engineering practice.

177 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

24.9%
48.6%
18.1%

6. Has knowledge of contemporary issues relevant to professional engineering practice.

177 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

23.7%
50.8%
18.6%

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GCE-Salem Alumini Feedback Analysis
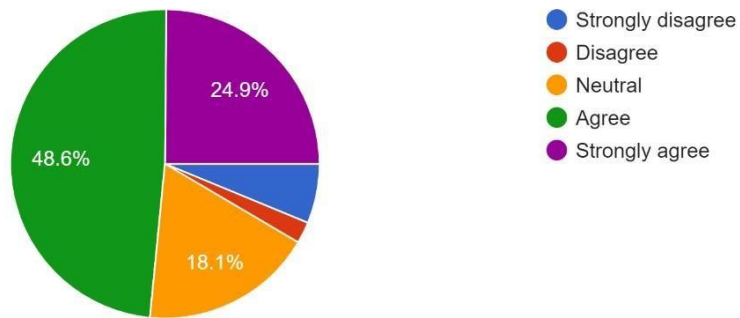
7. Have gained board education necessary to understand the impact of engineering solutions in global economic environmental and social context.
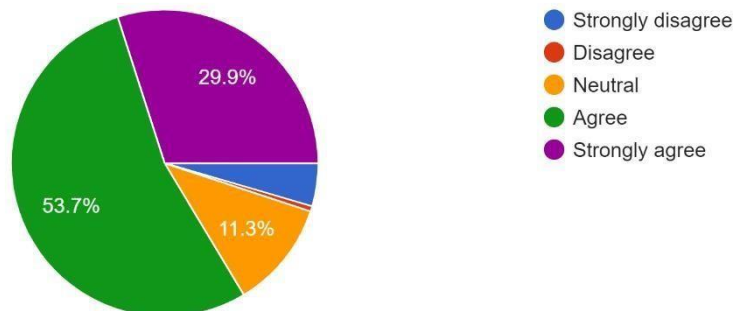
177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

48.6%
22.6%
20.9%
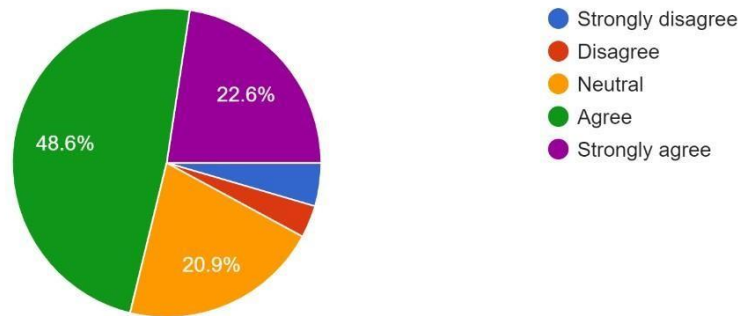
8. Ability to understand professional and ethical responsibility.

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

49.7%
29.9%
13.6%
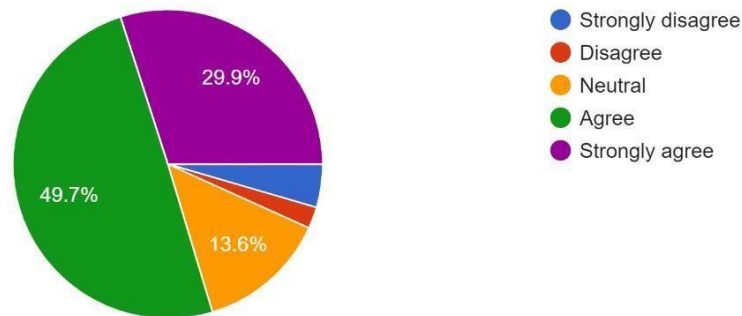
9. Has ability to function on multidisciplinary teams

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

53.7%
29.9%
11.3%

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10. Able to recognize the need for engagement in research and to involve in long term learning
177 responses
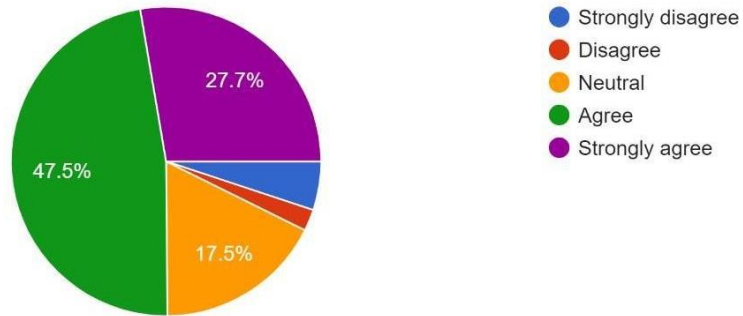
- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

27.7%
47.5%
17.5%

11. Has ability to work as a leader in a team to manage projects in multidisciplinary environment.
177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

33.9%
46.9%
12.4%
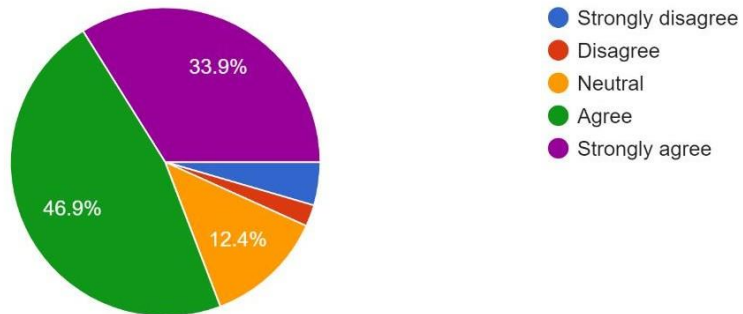
12. Have ability to communicate effectively
177 responses
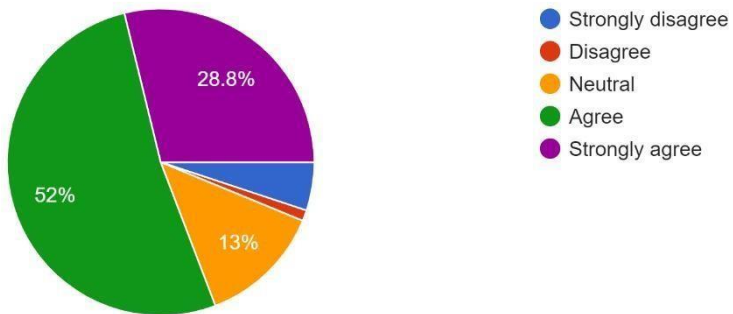
- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

28.8%
52%
13%

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13. To analyze, design and develop solutions for the real time problems and to apply the technical Knowledge for developing quality products for Industry.
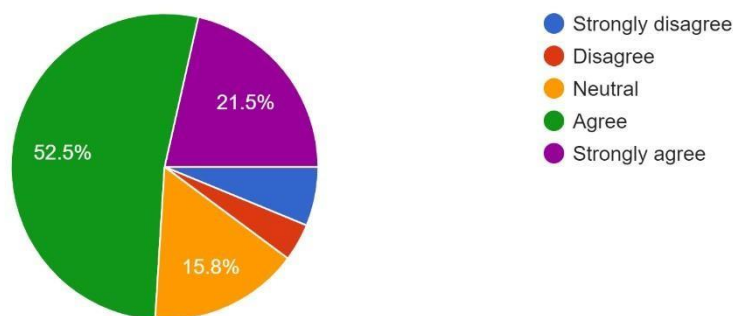
177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

22.6%
55.4%
14.1%
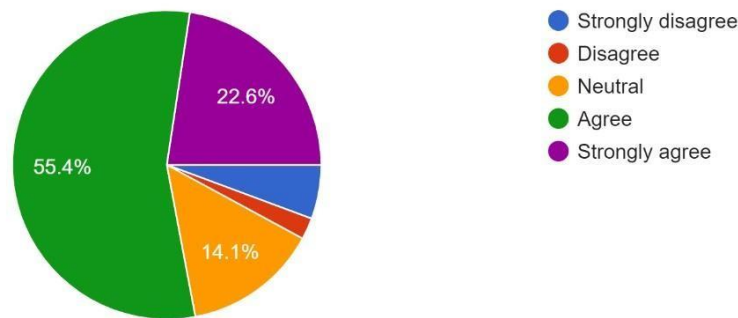
14. To adapt to emerging technologies and to develop innovative ideas and solutions.

177 responses
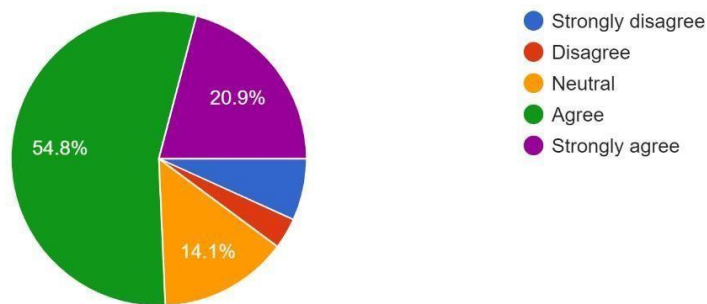
- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

20.9%
54.8%
14.1%

15. An ability to make use of acquired technical knowledge to get employed in the field of Engineering and also to become successful Entrepreneur
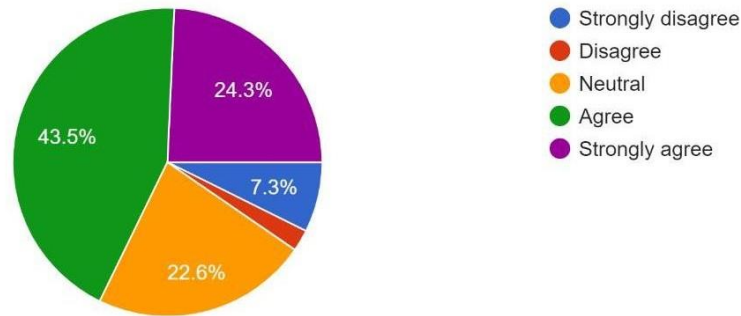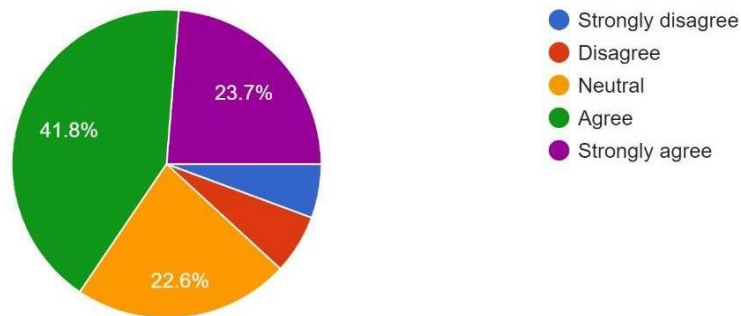
177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

21.5%
52.5%
15.8%

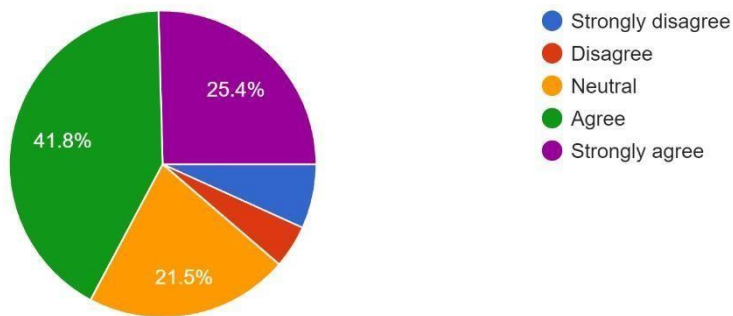PRINCIPAL
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GCE-Salem Alumini Feedback Analysis

16. The curriculum and syllabus content were appropriate for my placement / higher education

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

43.5%
24.3%
7.3%
22.6%

17. Sufficient number of co-curricular activities were arranged during my study period

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

41.8%
23.7%
22.6%

18. The institute-industry tie ups were useful for me

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

41.8%
25.4%
21.5%

GCE-Salem Alumini Feedback Analysis

19. The institute / faculty helped me in placement/higher education
177 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

(Agree 39%, Strongly agree 29.9%, Neutral 19.2%)
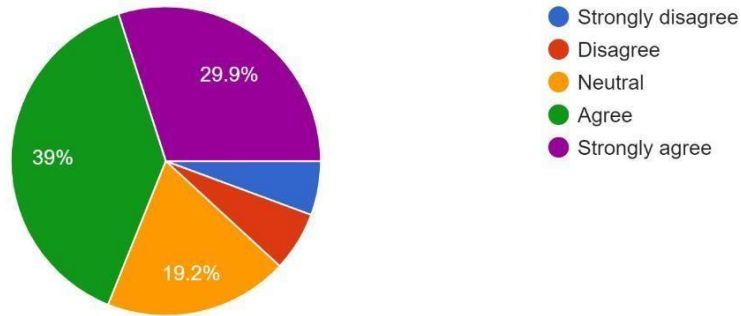
20. The institute offers sufficient scholarships to merit students and deserving students
177 responses

- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

(Agree 46.3%, Strongly agree 31.6%, Neutral 18.1%)
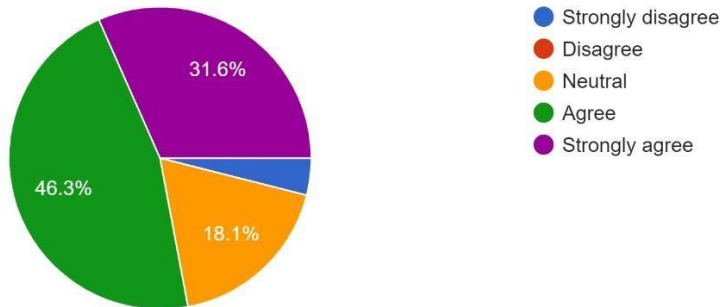
21. The learning ambiance at the institute is good
177 responses
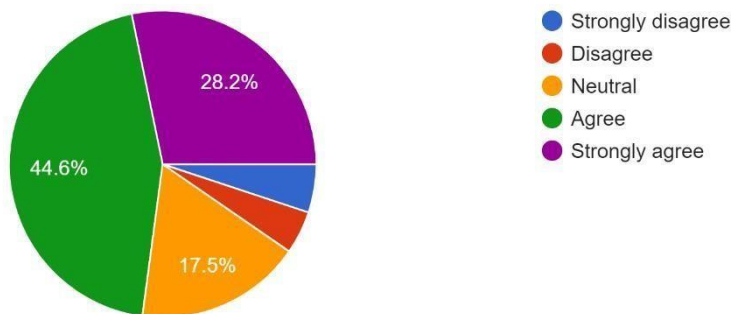
- ● Strongly disagree
- ● Disagree
- ● Neutral
- ● Agree
- ● Strongly agree

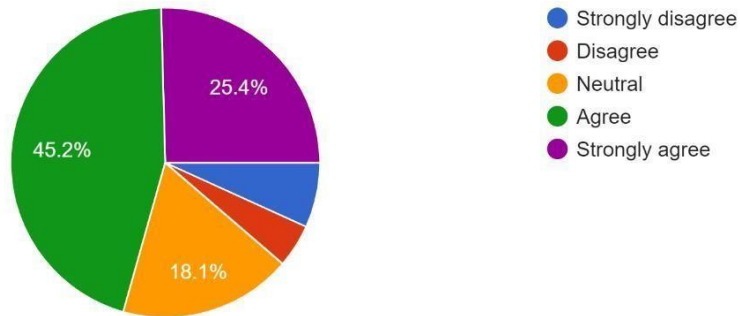(Agree 44.6%, Strongly agree 28.2%, Neutral 17.5%)

GCE-Salem Alumini Feedback Analysis

22. The institute provides sufficient opportunity to participate in extra-curricular activities

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

24.9%
48%
18.6%
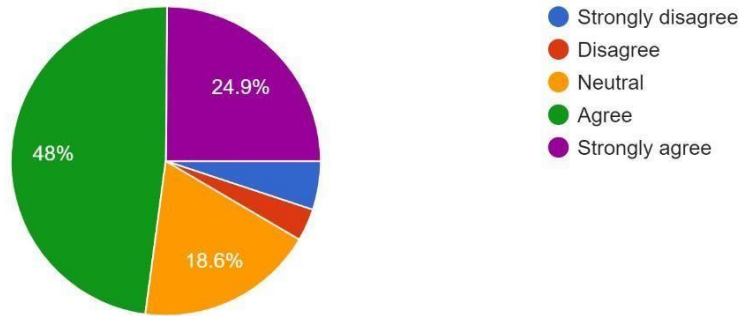
23. The curriculum accommodates courses with experimental learning (hands-on)

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

25.4%
45.2%
18.1%

24. All the academic processes at the institute is transparent

177 responses
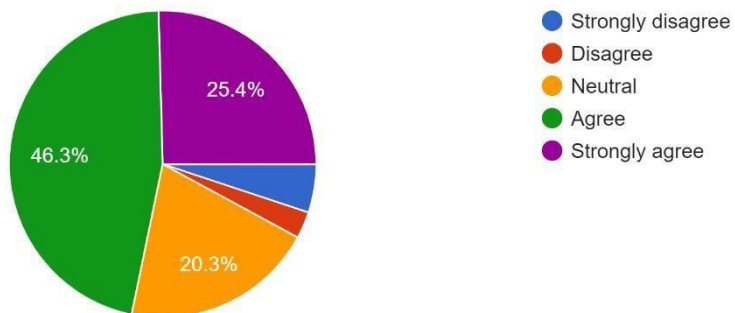
- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

25.4%
46.3%
20.3%

GCE-Salem Alumini Feedback Analysis

25. The institute is student-centric in all its academic initiatives

177 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly agree

46.9%
24.9%
20.3%
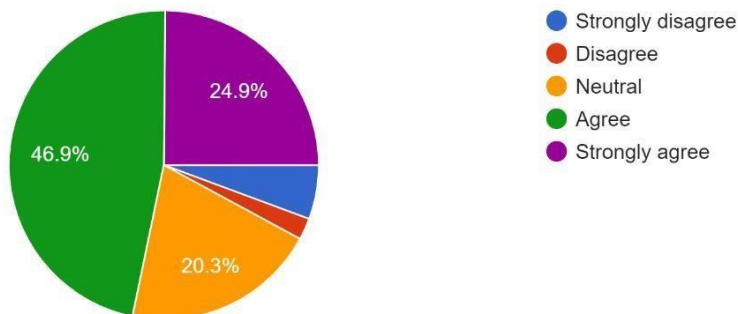
6. Action Taken Report

S.No	Suggestions based on responses from feedback	Action Taken
1.	Enhancement of co-curricular activities	Will ensure that Co-curricular activities are sufficient and relevant, and take necessary steps if needed
2.	Reviewing the curriculum and syllabus to ensure that they are up-to-date and appropriate for the students' needs and industry standards.	Will be taken into considering while upgrading to next regulation of syllabus
3.	Strengthening institute-industry ties to offer practical benefits to students.	Signing MoUs will be encouraged. Internships will be encouraged. More industry-based lectures will be arranged.
4.	Incorporating more experiential learning opportunities within the curriculum to better prepare students for real-world challenges.	AR/VR lab has been already established and initiatives were on progress to create more experiential learning opportunities.
5.	Ensuring that the faculty and institute provide adequate support for student placements	Institute is Student centric. Higher attention will be given to maintain the same.

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