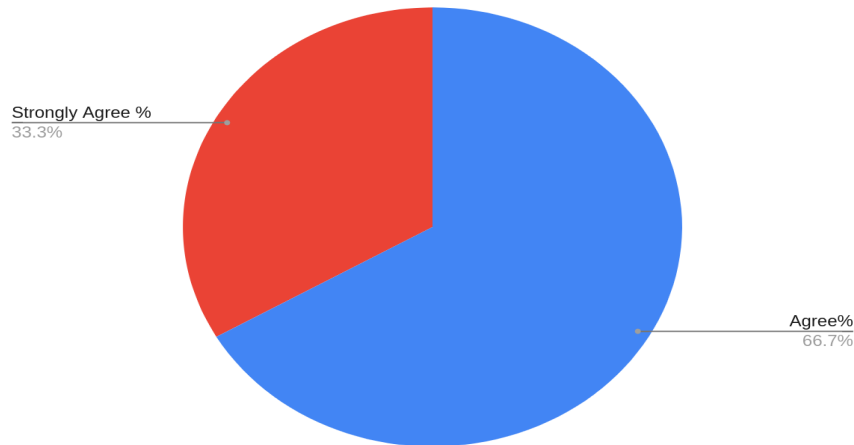# Feedback Analysis Report of Employer 2020-2021
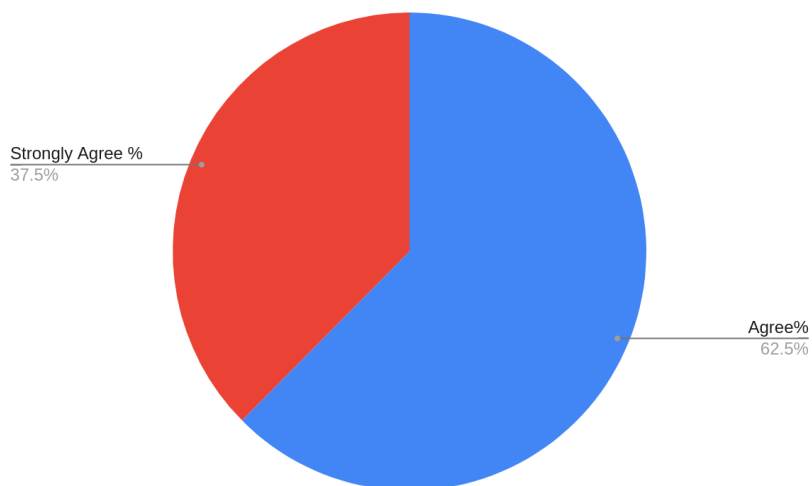
1. Exhibit ability to apply engineering knowledge to solve complex engineering problems at work.

Strongly Agree %
33.3%

Agree%
66.7%

2. Show keen interest to analyze and interpret the complex engineering problems as per industry requirement.

Strongly Agree %
37.5%

Agree%
62.5%

3. Exhibit ability to design solutions for complex engineering Problems.

Strongly Agree %
41.7%

Agree%
58.3%
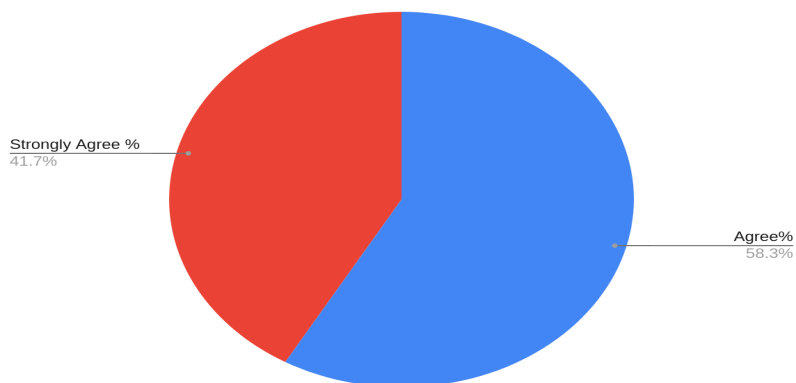
4. Are able to effectively conduct investigations of complex problems.

Strongly Agree %
37.5%

Agree%
62.5%
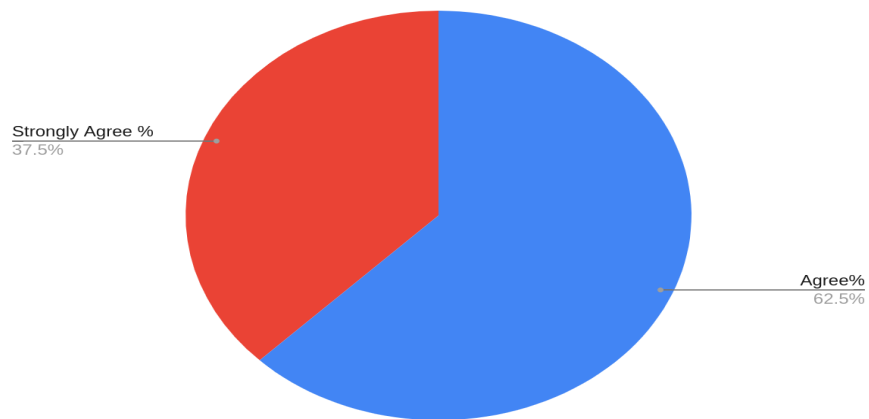
5. Are familiar with or understand use of modern engineering tools/software.

Strongly Agree %
29.2%

Agree%
70.8%
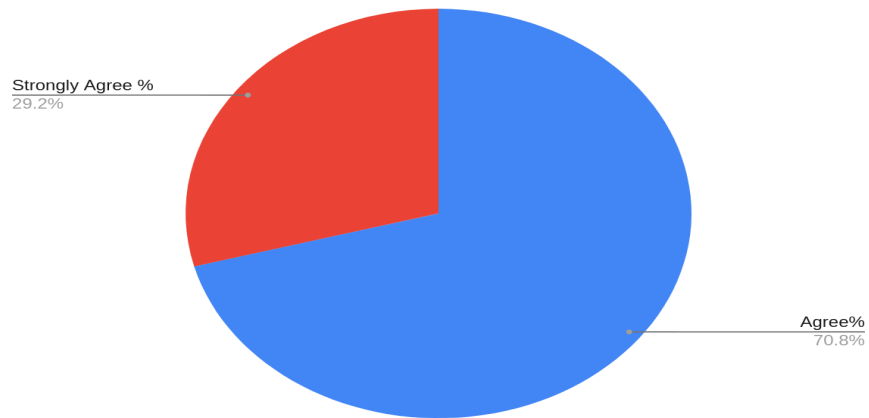
6. Exhibit use of his/ her engineering knowledge for the betterment of society.

Strongly Agree %
28.0%

Agree%
72.0%
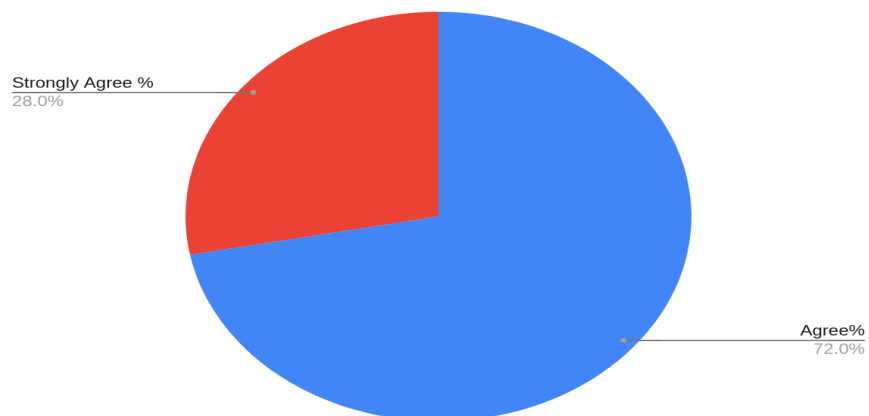
7. Are aware of how engineering solutions have an impact on environment context and are keen towards sustainable Development.

Strongly Agree %
45.8%

Agree%
54.2%
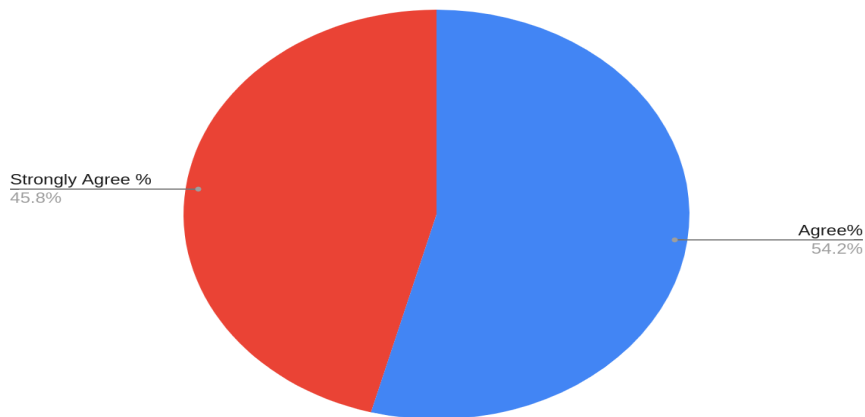
8. Fulfil professional and ethical responsibility.

Agree%
41.7%

Strongly Agree %
58.3%
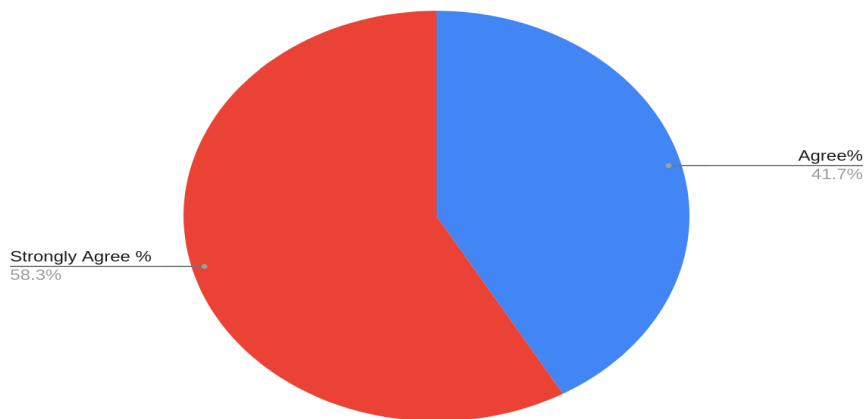
9. Show needed skill to work in a team and function effectively as an individual.

Agree%
41.7%

Strongly Agree %
58.3%
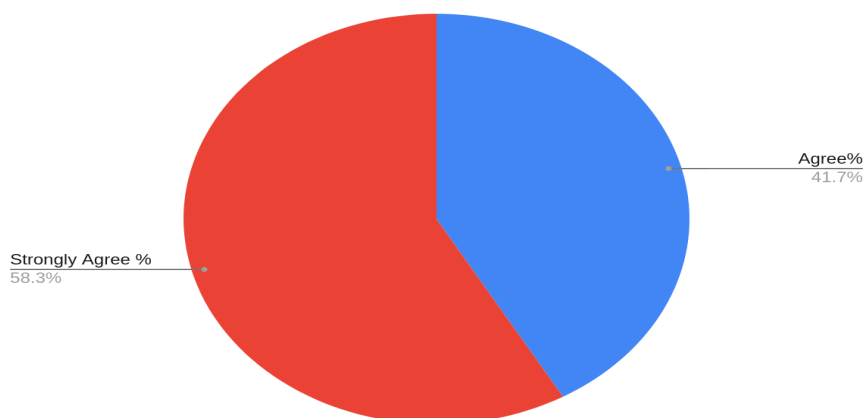
10. Exhibit essential interpersonal and communication skills.

Agree%
44.0%

Strongly Agree %
56.0%
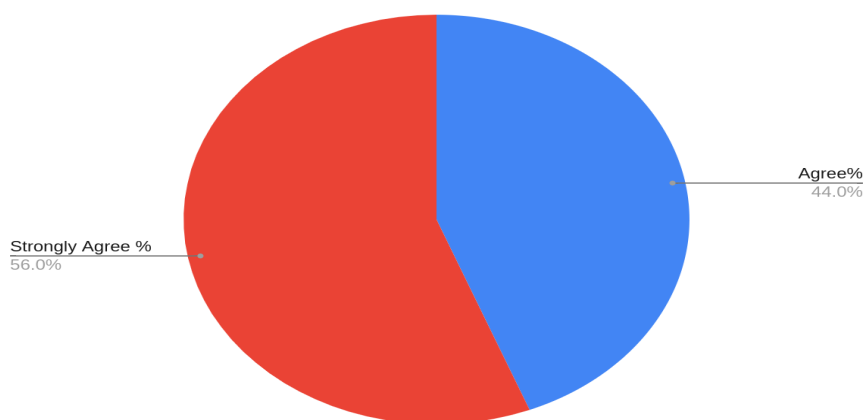
11. Able to choose and apply appropriate resource management Techniques.

Agree%
41.7%

Strongly Agree %
58.3%
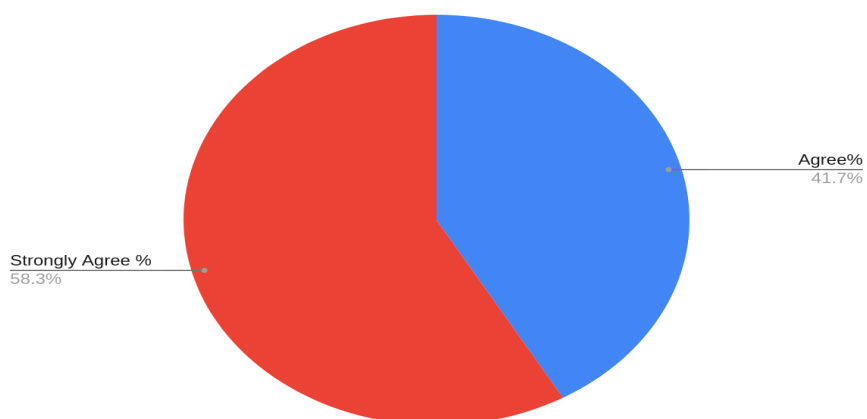
12. Are independent and life-long learners.

Strongly Agree %
41.7%
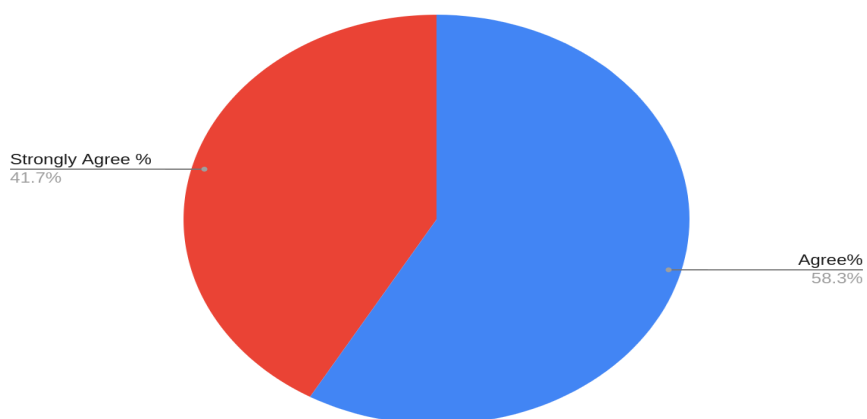
Agree%
58.3%

Summary of Employer Feedback Analysis (2020-21)

SJCET's feedback mechanism operates on a threshold of 40% disagreement among employers for any specific question in the feedback form to initiate action. However, it's crucial to recognize that the institute's commitment to Outcome-Based Education (OBE) and its unyielding dedication to enhancing the quality of course delivery drives a proactive approach to feedback analysis. Even if certain responses fall below the 40% threshold, they still warrant attention and action.

The analysis of employer feedback serves as a compass, illuminating areas where proactive measures are required:

1. Bridging Curriculum Gaps with Value-Added Programs: Consider introducing value-added programs to address curriculum gaps. These initiatives can empower students with additional knowledge and skills that align seamlessly with industry demands.

2. Elevating Skills Through Training Programs: The implementation of training programs can boost proficiency in modern engineering tools for both faculty and students. This investment in skill development ensures that individuals remain competitive in a rapidly advancing technological landscape.

3. Driving Innovation Through Research: Encourage research endeavors aimed at identifying societal needs and challenges. This approach empowers the institution to create engineering solutions that make a tangible impact on real-world issues, fostering innovation and social relevance.

4. Enhancing Programming Skills: Offering training programs focused on enhancing programming skills can substantially benefit students. Proficiency in programming is a vital asset in numerous engineering disciplines, enhancing students' employability.

SJCET's commitment to utilizing feedback analysis as a catalyst for institutional improvement is a testament to its dedication to quality education. By proactively addressing areas identified through feedback, the institute can ensure its course delivery remains at the forefront of excellence, preparing students for successful careers.

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ACTION TAKEN REPORT BASED ON THE FEEDBACK FROM EMPLOYER

FOR THE ACADEMIC YEAR 2020-21

This institution is affiliated to APJ Abdul Kalam Technological University. The Board of studies prepares the curriculum based on the feedback and suggestions from the affiliated colleges through the conduct of meetings with Principals before preparing the curriculum.

For continuous improvement in the quality of course delivery, institution obtains feedback on curriculum design, course delivery and the support required by the students from the department and the institution. Based on the feedback collected from the Employer, Following are the decisions taken by the institution.

1. It was decided to conduct two add on courses in each semester during the semester break by each department for the students to bridge the gap in the curriculum (minutes dated 22/10/2020).

2. It was decided to Invest in training programs to ensure that the students have the necessary skills to use modern engineering tools. It was also decided to upgrade equipment and software to ensure that the latest tools are available to students.

3. It was decided to conduct Research and identify societal needs and issues that can be addressed through engineering solutions. This includes issues related to energy, water, transportation, healthcare, and environmental sustainability

4. For improving programming skills, it was decided to conduct one-hour training session in Python programming in the regular timetable for first year B. tech students as add on course (minutes dated 14/10/2020).

5. It was decided to conduct two add on courses in each semester during the semester break by each department for the students to bridge the gap in the curriculum (minutes dated22/10/2020.
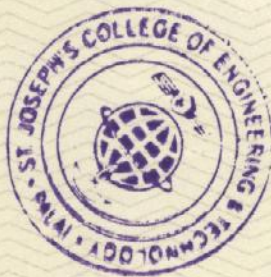
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