Sri Venkateswara College of Engineering

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Report on Analysis of Stakeholders Feedback (AY 2023-24)

Stakeholders play a crucial role in the planning, implementation, and development of programs and courses at an educational institution. Sri Venkateswara College of Engineering (SVCE) maintains a well-structured connection with stakeholders and values their feedback. The Department of Mechanical Engineering has established a strong relationship with its stakeholders, incorporating their valuable input into the curriculum design. Although stakeholders are highly satisfied with the curriculum and syllabi under Regulation 2018, their feedback suggests that the curriculum needs refinement in certain areas, detailed further in the report.

Report on Analysis of Student Feedback (AY 2023-24)

S. No.	Attributes	Remarks	Reference
1.	Course is relevant to the current industry needs.	Excellent	Analysis of Student feedback from AY2023-24
2-6	Fulfillment of Course Outcomes	Excellent	
7	Course enhanced my ability to formulate, analyze and solve problems	Excellent	
8	Course imparted sufficient technical skills which will help in placement and higher studies	Excellent	
9	Appropriate textbooks and reference books were quoted and were available in the library	Excellent	
10	Continuous Assessments (Test, Assignment, MCQ, etc) are relevant to the COs and are effective	Excellent	

The curriculum was revised in 2022 as part of an ongoing effort to enhance the program. The updated curriculum places greater emphasis on subjects such as robotics, artificial intelligence, 3D printing, factory automation, electric vehicles, and Python programming.To enhance the students interdisciplinary skill, honors and minor degree programmes were introduced in the curriculum. As an employability enhancement program, soft skill development programs were organized for the students during their prefinal year of study to improve their skills. Students must be capable to meet the technological changes in the industry and the department is continuously monitoring the trends of industry and appropriate action will be initiated to prepare the students to meet the challenges.

Report on Analysis of Faculty Feedback (AY 2023-24)

S.No	Attributes	Remarks	Reference
1.	Is the course relevant for the program?	Excellent	Analysis of Student feedback from AY2023-24
2.	Is the allocation of the credits to the course appropriate?	Excellent	
3.	Are the course outcomes well defined and clear to the teachers and the students?	Excellent	
4.	Is the course content adequate in relation to the Course Outcomes (COs)?	Excellent	
5.	How is the scope for the use of modern / ICT tools and for improved learning?	Excellent	
6.	Are appropriate textbooks and reference books quoted and are available in the library?	Excellent	
7.	How well is the course evaluation scheme designed?	Very good	
8.	Does the course content enable Participatory Learning?	Excellent	
9.	Is the course duration adequate?	Very good	
10.	Overall satisfaction	Excellent	

Throughout the teaching and learning process, faculty members in the Mechanical Engineering department showcase their creative approaches and ideas. In recent academic years, additional teaching and learning resources have been introduced to enhance interactive learning for students. To make the learning process more challenging, the focus was placed on achieving course outcomes by addressing problems at higher Revised Bloom's Taxonomy (RBT) levels. Various platforms were utilized to facilitate online instruction.Faculty feedback indicates that the courses have an ideal curricular relevance. According to their feedback, courses may include group tasks or mini-projects to encourage student participation and ensure participatory learning.

Report on Analysis of Alumni Feedback (AY 2023-24)

S.No	Attributes	Remarks	Reference
1.	Courses were relevant for the program and met the current industry needs	Excellent	Analysis of Student feedback from AY2023-24
2.	Knowledge provided by the courses were useful to the professional practice	Excellent	
3.	The courses enhance the employability potential	Excellent	
4.	Appropriate textbooks and reference books were quoted and were available in the library	Very Good	
5.	Courses enabled me to relate theory to practice	Excellent	
6.	The courses enabled critical thinking and problem-solving skills	Very Good	
7.	The courses provided an opportunity to enhance communication and interpersonal skills	Very Good	
8.	Curriculum and courses inspired lifelong learning	Excellent	
9.	Rate the evaluation schemes adopted.	Very Good	
10.	Overall Satisfaction of the Program	Very Good	

According to feedback from alumni, the integration of multidisciplinary courses on contemporary trends and technology within their core program helps students meet industry requirements. Additionally, it demonstrates how the curriculum's combination of theoretical and laboratory courses enables students to apply their knowledge to real-world situations.

Report on Analysis of Employer Feedback (AY 2023-24)

S.No	Attributes	Remarks	Reference
1.	The curriculum addresses the Industries' current needs	Very good	Analysis of Student feedback from AY 2023-24
2.	The curriculum is oriented towards the Organization's Vision & Mission	Very good	
3.	The curriculum can serve the Society's requirements	Excellent	
4.	The Curriculum and Syllabus have imparted useful knowledge needed for professional practice	Very good	
5.	The curriculum has provided the competency to relate theory to practice	Very good	
6.	Projects emphasize team building and teamwork.	Very good	
7.	The co-curricular activities have enhanced organizing and interpersonal skills.	Very good	
8.	The curriculum has instilled Professional Ethics in the students	Very good	
9.	The curriculum has stimulated continuous learning.	Very good	
10.	Overall Satisfaction on the Curriculum and Syllabus	Very good	

Employers of the Mechanical Engineering department were pleased with the new courses and skill development initiatives added to the curriculum. The department is committed to equipping students with both technical skills and a sense of social responsibility. To support this commitment, courses that emphasize social awareness have been included in the curriculum. Employers appreciated the students' interpersonal skills and capacity for team leadership. It was suggested that our students need more skill development classes, and this will be addressed promptly.

Action to be taken

S.No	Action	Period
1	Introduction of courses on modern technology	In R 22 curriculum From AY 2024-25
2	Introduction of courses to enhance students' applied skills	
3	Introduction of courses to enhance their employability	
4	Introduction of courses focussing on multidisciplinary programs	
5	Introduction of Integrated theory and laboratory courses	
6	Increase the internship duration	
7	Possibility of introducing additional ICT tools for teaching learning process	From AY 2024-25

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