Sri Venkateswara College of Engineering
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17/06/2022

Department of Civil Engineering
R2018 Curriculum Feedback Report (2021-22)

Sri Venkateswara College of Engineering (SVCE) is committed to transform the learners into global contributors and achievers, who are able to meet the growing challenges of industry with ethical values. To achieve the above target, it is necessary to refine and reframe our curriculum and syllabus. For this, feedback from major stakeholders will help in improving the curriculum.

The process of giving and receiving feedback is one of the most important concepts to maintain and motivated academic circumstances. It helps to identify the blind spots and enlarge the scope for improvement in the curriculum.

Stakeholder Identification: Following four pillars of academic environment were identified as stakeholders for the effective feedback system:

(1) Students

(2) Faculty

(3) Alumni

(4) Employer

Method of Collecting Feedback: Questionnaires for student, faculty, alumni and employer were prepared separately using Google Form. The link for the Google form was circulated to above stakeholders and collected the feedback along with their digital signature.

The questionnaire consists of different attributes related to curriculum & syllabus of R2018 and each attribute is assigned with five point rating system as given below:

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5 – Excellent; 4 – Very Good; 3 – Good; 2 – Satisfactory; 1 – Poor

Thus feedback collected from each of the stakeholders was analyzed and the summary of feedback is presented below:

Student Feedback

S. No.	Attributes	Remarks	Reference
1.	Course is relevant to the current industry needs.	**Excellent** Students are fully satisfied with the courses which are fulfilling the current industry needs	
2-6	Fulfillment of Course Outcomes	**Excellent** Students expressed satisfaction on Course Outcomes of different courses	
7.	Course enhanced my ability to formulate, analyze and solve problems	**Excellent** Students accepted that the courses enhance their ability to formulate, analyze and solve problems	Students Feedback Analysis Report
8.	Course imparted sufficient technical skills which will help in placement and higher studies	**Excellent** Students confirmed that the course impart sufficient technical skills which helps them in placement & higher studies	
9.	Appropriate textbooks and reference books were quoted and were available in the library	**Excellent** Students expressed satisfaction on 'textbooks availability in the library'	
10.	Continuous Assessments (Test, Assignment, MCQ, etc) are relevant to the COs and are effective	**Excellent** Students are fully satisfied with pattern of examination conducted at present	

Faculty Feedback

S. No	Attributes	Remarks	Reference
1.	Is the course relevant for the program?	**Excellent** Faculties are satisfied with courses listed in R2018 as they are more relevant to the program	
2.	Is the allocation of the credits to the course appropriate?	**Excellent** Faculties expressed satisfaction with the existing credit system	
3.	Are the course outcomes well defined and clear to the teachers and the students?	**Excellent** Faculties accepted that the course outcomes are well-defined and clear to the teachers as well as the students.	
4.	Is the course content adequate in relation to the Course Outcomes (COs)?	**Excellent** Faculties are satisfied with the courses content and their relation to COs	
5.	How is the scope for the use of modern / ICT tools and for improved learning?	**Excellent** Faculties are satisfied with the current availability of ICT tools for teaching	
6.	Are appropriate textbooks and reference books quoted and are available in the library?	**Excellent** Faculties expressed satisfaction on existing library facilities	Faculty Feedback Analysis Report
7.	How well is the course evaluation scheme designed?	**Excellent** Faculties are fully satisfied with pattern of examination	
8.	Does the course content enable Participatory Learning?	**Excellent** Faculties expressed that there is lot of scope for participatory learning in the present course content	
9.	Is the course duration adequate?	**Excellent** Faculties expressed satisfaction with course duration	
10.	Overall satisfaction	**Excellent** Faculties expressed overall satisfaction on R2018 curriculum and syllabus	

Alumni Feedback

S. No	Attributes	Remarks	Reference
1.	Courses were relevant for the program and met the current industry needs	**Good** Alumni recommend improvement in curriculum to meet the current industry needs	
2.	Knowledge provided by the courses were useful to the professional practice	**Good** Alumni are seeking improvement in the courses which will be useful to the professional practice	
3.	The courses enhance the employability potential	**Good** Alumni are insisting for courses focusing on skill development	
4.	Appropriate textbooks and reference books were quoted and were available in the library	**Very Good** Alumni expressed satisfaction with the library facilities.	
5.	Courses enabled me to relate theory to practice	**Good** Alumni are suggesting to modify courses which will relate theory & practice	
6.	The courses enabled critical thinking and problem-solving skills	**Good** Alumni expressed that the courses should enable them to think critically and improve problem solving skills	
7.	The courses provided an opportunity to enhance communication and interpersonal skills	**Good** Alumni are seeking more courses which will provide opportunities for students to enhance communication & interpersonal skills	Alumni Feedback Analysis Report
8.	Curriculum and courses inspired lifelong learning	**Good** Alumni are suggesting that the curriculum and course should inspire lifelong learning	
9.	Rate the evaluation schemes adopted.	**Good** Alumni expressed satisfaction with the present evaluation system	
10.	Overall Satisfaction of the Program	**Good** In overall, alumni are satisfied with the R2018 curriculum & syllabus	

Employer Feedback

S. No	Attributes	Remarks	Reference
1.	The curriculum addresses the Industries' current needs	**Very Good** Employers expressed satisfaction with R2018 curriculum & syllabus which fulfill the current industries needs	
2.	The curriculum is oriented towards the Organization's Vision & Mission	**Very Good** Employers are able to find correlation between the curriculum & vision and mission statements of the institute	
3.	The curriculum can serve the Society's requirements	**Good** Employers expressed that the societal aspect of the curriculum needs to be improved	
4.	The Curriculum and Syllabus have imparted useful knowledge needed for professional practice	**Very Good** Employers expressed satisfaction on the curriculum in addressing the need for professional practice	
5.	The curriculum has provided the competency to relate theory to practice	**Very Good** Employers expressed that curriculum provide required competency for students to relate theory & practice	Employer Feedback Analysis Report
6.	Projects emphasize team building and teamwork.	**Good** Employers expressed that our project works (both design and final semester projects) are need to be focused on team building and teamwork among students	
7.	The co-curricular activities have enhanced organizing and interpersonal skills.	**Very Good** Employers are fully satisfied with our co-curricular activities such as organizing cultural events in the college; participating in seminars etc. as they help in improving the organizing as well as interpersonal skills of the students	
8.	The curriculum has instilled Professional Ethics in the students	**Very Good** Employers expressed satisfaction on our curriculum which teaches ethical values to our students	
9.	The curriculum has stimulated continuous learning.	**Good** Employers suggested to change the curriculum so that it stimulates continuous learning	
10.	Overall Satisfaction on the Curriculum and Syllabus	**Very Good** Employers expressed overall satisfaction with R2018 curriculum and syllabus	

Students as well as faculties expressed satisfaction on R2018 curriculum and syllabus. However, alumni feedback shows that the curriculum & syllabus need improvement in the following attributes:

[1] Courses must be modified which will relate theory & practice

[2] Societal aspects of the curriculum need to be focused

[3] Project work need to be focused on team building and teamwork among students

[4] Change the curriculum so that it stimulates continuous learning

ACTION TO BE TAKEN:

From the above observations collected from stakeholders' feedback, following actions plans were proposed to implement in R2022 curriculum & syllabus:

(1) **Industry Guest Lectures**: To further strengthen the industry interactions, Guest Lectures of industry experts should be arranged at regular intervals.

(2) **Faculty Training**: Faculties will be encouraged to have industrial training. This will enable faculty to teach industry practices in their domains.

(3) **Online Courses**: Students may be encouraged more towards online courses offered by NPTEL, SWAYAM etc. which will motivate and give directions for lifelong learning.

(4) **In-plant training**: IPT will be made mandatory for the students in R2022 as R2018. This will encourage students to visit industries at regular intervals and get expose them to current **industry practices**. They should be encouraged to do industry projects in their final year. This will increase the employment potential of the students.

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