



Sri Venkateswara College of Engineering

(An Autonomous institution affiliated to Anna University)

Pennalur, Sriperumbudur (Tk) 602117

29/03/2018

Department of Chemical Engineering Feedback Report (2016-17, 2017-18)

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. As a measure of continual improvement, a feedback collection system has been implemented to collect response from all stakeholders (students, faculty, alumni and employers) which provide the base for improvisation.

Student Feedback

Sl. No.	Attributes	Remarks	Reference
1.	Course is relevant to the current industry needs.	Excellent. Industry needs to be addressed in the course content.	Student feedback analysis for AY16-17 & AY17-18
2 - 6	Fulfillment of Course Outcomes	Very Good. Fulfillment could be amplified through Teaching-Learning Process.	
7.	Course enhanced my ability to formulate, analyze and solve problems	Excellent. More practical based contents could be added	
8.	Course imparted sufficient technical skills which will help in placement and higher studies	Very Good. Interview and career skills development need to be augmented.	
9.	Appropriate textbooks and reference books were quoted and were available in the library	Excellent. More text books and reference books can be included.	
10.	Continuous Assessments (Test, Assignment, MCQ, etc) are relevant to the COs and are effective	Excellent. More insight with outcomes can be concentrated during evaluation	

Faculty Feedback

S.No	Attributes	Remarks	Reference
1.	Is the course relevant for the program?	Excellent.	Faculty feedback analysis for AY16-17 & AY17-18
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?	Very Good. Needs improvement in usage of modern tools.	
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?	Excellent.	
10.	Overall satisfaction	Excellent.	

Alumni Feedback

S.No	Attributes	Remarks	Reference
1.	Courses were relevant for the program and met the current industry needs	Excellent. Industry needs are to be addressed in the course content.	Alumni feedback analysis for AY16-17 & AY17-18
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	Excellent.	
5.	Courses enabled me to relate theory to practice	Very Good. Focus needed on practice of theoretical subjects.	
6.	The courses enabled critical thinking and problem-solving skills	Excellent.	
7.	The courses provided an opportunity to enhance communication and interpersonal skills	Excellent.	
8.	Curriculum and courses inspired lifelong learning	Very Good. Courses are to be incorporated to encourage lifelong learning.	
9.	Rate the evaluation schemes adopted.	Very Good. Evaluation scheme could be modified.	
10.	Overall Satisfaction of the Program	Excellent.	

Employer Feedback

S.No	Attributes	Remarks	Reference
1.	The curriculum addresses the Industries' current needs	Excellent.	Employer feedback analysis for AY16-17 & AY17-18
2.	The curriculum is oriented towards the Organization's Vision & Mission	Excellent.	
3.	The curriculum can serve the Society's requirements	Excellent.	
4.	The Curriculum and Syllabus have imparted useful knowledge needed for professional practice	Excellent.	
5.	The curriculum has provided the competency to relate theory to practice	Very Good. Subjects which do not have Laboratory Practice need more care.	
6.	Projects emphasize team building and teamwork.	Excellent. Group assignments/mini projects could be introduced to build team work.	
7.	The co-curricular activities have enhanced organizing and interpersonal skills.	Excellent.	
8.	The curriculum has instilled Professional Ethics in the students	Excellent.	
9.	The curriculum has stimulated continuous learning.	Excellent.	
10.	Overall Satisfaction on the Curriculum and Syllabus	Excellent.	

Students highly appreciated the facilities provided towards books and research papers and relevance of courses to the current industry needs. Students are highly encouraging the relevance of programme courses giving importance to the current industrial needs. Further, it was acknowledged that the courses enhanced their analytical skill to address and solve practical problems and technical skill to shine in placement and higher studies. In addition, they seek practical problem troubleshooting assignments to be incorporated under evaluation scheme. More importance was given for the courses deliberating skill development.

Faculty feedback reveals that significance of the courses in the programme, course outcomes relevance with course content and duration of the courses were appropriately framed. The feedback reports indicate that allocation of credits and syllabus coverage is excellent for the courses. In addition, they seek practical problem troubleshooting assignments to be incorporated under evaluation schemes and career skills development courses for further improvement

Alumni expressed that the college library is well equipped with relevant textbooks and reference books for the programme of study. Subsequently, Alumni suggested modifying course contents to address industry needs, critical thinking and lifelong learning. They also highlighted that the courses helped them to enrich their communication and interpersonal skills. Subsequently, students requested to encourage practicing theoretical concepts taught in courses without corresponding laboratory session by suitably modifying the course content.

Employer's feedback reveals that some courses need be added in order to improve team work, Inter-personal skills and continuous learning. It also suggested that laboratory practice needed for all possible subjects in the curriculum. They expressed that the curriculum addresses the industrial needs and oriented towards the institute vision and mission to a great extent.

Action to be taken:

1. To introduce Choice Based Credit System (CBCS) for the academic benefits and to improve multidisciplinary skills of the students.
2. Value added courses are to be introduced in various domains and thrust areas for skill development.
3. Professional ethics course which emphasize team building and teamwork was recommended.
4. A mandatory two weeks internship shall be introduced for the students in regulation 2018 which was highly beneficial for them by getting industrial exposure before the completion of programme.
5. Multiple Choice Questions are to be incorporated under evaluation schemes.
6. Inter-personal development activities to inculcate student's ethical behaviour and entrepreneurship courses are to be incorporated to encourage lifelong learning and make them contribute to national development.

7. A course in first semester of chemical Engineering named 'Basic Electrical and Electronics Engineering' contains fewer concepts related to machine drives which is highly importance in the industrial view. Hence the course shall be modified as Electrical Machines and Drives which covers both the syllabus.
8. More importance was given for the courses deliberating skill development. Typically, new courses related to Artificial Intelligence, Data Analytics and Machine Learning were recommended in the new regulation.
9. Mandatory courses such as Indian constitution and Professional ethics were recommended in the curriculum.

N. Meegappa 11/04/2018

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Feedback: Action Taken Report (2016-17, 2017-18)

Sl. No.	Action to be taken	Action taken	Implemented year	Proof
1	To introduce Choice Based Credit System (CBCS) for the academic benefits and to improve multidisciplinary skills of the students.	CBCS was implemented.	2018	Ref: UG/PG Regulation 2018
2	Value added courses are to be introduced in various domains and thrust areas for skill development.	Value added courses such as waste utilization was added in the curriculum.	2018	Ref: UG Regulation 2018 – Section 4.7
3	Professional ethics course which emphasize team building and teamwork was recommended.	Professional Ethics course was added in the 8 th semester of UG curriculum.	2018	Ref: CH Curriculum. Semester VII. Course No. 51.
4	A mandatory two weeks internship shall be introduced for the students in regulation 2018 which was highly beneficial for them by getting industrial exposure before the completion of programme	Mandatory two weeks internship is introduced for the students in regulation 2018.	2018	Ref: UG Regulation 2018 – Section 4.5
5	Multiple Choice Questions are to be incorporated under evaluation schemes.	Multiple Choice Questions are added under evaluation schemes. (Internal)	2018	Ref: UG Evaluation Scheme/Course files
6	Inter-personal development activities to inculcate student's ethical behaviour and entrepreneurship courses are to be incorporated to encourage lifelong learning and make them contribute to national development.	Personality and Character Development activities are made mandatory for the UG students.	2018	Ref: UG Regulation 2018 – Section 4.2
7	A course in first semester of chemical Engineering named 'Basic Electrical and Electronics Engineering' contains fewer	The suggested course is modified as Electrical Machines and Drives which covers both the syllabus.	2018	Ref: CH Curriculum. Semester I. Course No. 5.

	concepts related to machine drives which is highly importance in the industrial view. Hence the course shall be modified as Electrical Machines and Drives which covers both the syllabus.			
8	More importance was given for the courses deliberating skill development. Typically, a new course related to Data Analytics and Machine Learning was recommended in the new regulation.	A new course named Data Analytics and Machine Learning is added in the new R-18 UG curriculum.	2018	Ref: CH Curriculum. PE – I Course No. 76.
9	Mandatory courses such as Indian constitution and Professional ethics were recommended in the curriculum.	Mandatory courses such as Indian constitution and Professional ethics are added in the R-18 UG curriculum.	2018	Ref: CH Curriculum. MC Course No. 124.

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