

# Sri Venkateswara College of Engineering

(An Autonomous institution affiliated to Anna University)

Pennalur, Sriperumbudur (Tk) 602117

30/03/2018

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

Sri Venkateswara College of Engineering, a leader in higher technical education and research always strives to achieve its vision through the implementation of rich traditions and healthy practices in place along with its specially acquired autonomous status which are discussed as below.

### Student Feedback (2016-2018)

S. No.	Attributes	Remarks	Reference
1.	Course is relevant to the current industry needs.	Very Good. Requires attention.	Student feedback analysis for AY16-17 & AY17-18
2-6	Fulfillment of Course Outcomes	Very Good. To be reviewed based on the level of attainment.	
7.	Course enhanced my ability to formulate, analyze and solve problems	Very Good. Contents of the course needs modification.	
8.	Course imparted sufficient technical skills which will help in placement and higher studies	Very Good. Special training needs to be identified.	
9.	Appropriate textbooks and reference books were quoted and were available in the library	Very Good. Can seek way to further enhancement	
10.	Continuous Assessments (Test, Assignment, MCQ, etc) are relevant to the COs and are effective	Excellent.	

## 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. Avenues for improvement need to be explored.	
6.	Are appropriate textbooks and reference books quoted and are available in the library?	Excellent.	
7.	How well is the course evaluation scheme designed?	Excellent	
8.	Does the course content enable Participatory Learning?	Excellent. Activity based learning is preferred for design oriented subjects.	
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	Very Good. Contents needs fine tuned.	Alumni feedback analysis for AY16-17 & AY17-18
2.	Knowledge provided by the courses were useful to the professional practice	Very Good. Content modification shall be provided for holistic development	
3.	The courses enhance the employability potential	Very Good. More courses focusing on employability is required.	
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	Very Good. Indirect assessment methods need modification.	
6.	The courses enabled critical thinking and problem-solving skills	Very Good. Mini-projects to be included in the curriculum.	
7.	The courses provided an opportunity to enhance communication and interpersonal skills	Very Good.	
8.	Curriculum and courses inspired lifelong learning	Very Good.	
9.	Rate the evaluation schemes adopted.	Very Good.	
10.	Overall Satisfaction of the Program	Very Good.	



### Employer Feedback

S. No	Attributes	Remarks	Reference
1.	The curriculum addresses the Industries current needs	Excellent. More courses supporting industry requirements are needed.	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. Courses focusing on present needs to be identified and incorporated	
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	Excellent. Few more experiments need to be included in some courses	
6.	Projects emphasize team building and teamwork.	Excellent. Interdisciplinary projects need to be explored.	
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.	

All the stakeholders are satisfied with the curriculum and syllabi. Students expectations needs to be fulfilled in acquiring the technical skills by organizing skill based training and competency improvement programs in order to excel in placement and higher studies.

Faculty feedback reveals that significance of the scope for the use of modern / ICT tools and for improved learning needs to be addressed and explored.

Alumni feedback shows that more attention to be paid in enhancing the employability potential and the same has to be addressed by introducing more interdisciplinary courses in the curriculum. Also, mini-projects to be included in the curriculum enabling them to critically think and acquire problem solving skills.

**Action to be taken:**

1. To introduce and reap the benefits of the Choice Based Credit System (CBCS) in the curriculum.
2. Course contents need to be added/modified in some subjects and new courses to be included in the curriculum as per the suggestions received from the industry experts.
3. Open elective courses focusing on interdisciplinary subjects needs to be implemented in the curriculum.
4. Value added courses are to be introduced in various domains and thrust areas.
5. More courses focusing on enhancing the employability of the students are to be incorporated in the curriculum.
6. Projects focusing on enhancing the technical skills of the students need to be updated in the curriculum.
7. Syllabus to be framed for few courses in the curriculum keeping in view of the contents of the GATE/IES syllabus.
8. Indirect assessment methods should be focused on the nature of putting theory into practice.
9. Internships and skill development programmes addressing the requirements of the industry need to be incorporated in the curriculum.
10. Interpersonal development activities addressing the societal needs to be implemented in the curriculum.



**HOD/AUT**

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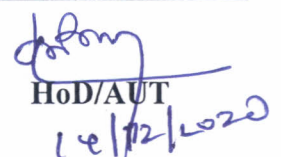
## Department of Automobile Engineering

### Action Taken and Relevant Proofs during Implementation of R2018

S. No.	Action to be taken	Action taken	Year	Proof
1	To introduce and reap the benefits of the Choice Based Credit System (CBCS) in the curriculum.	Choice based credit system was introduced in Regulation 2018.	2018	Curriculum & Syllabus of B.E. Automobile Engineering (UG Regulation 2018 - Choice-Based Credit System) <b>Reference:</b> UG Regulation 2018
2	Course contents need to be added/modified in some subjects and new courses to be included in the curriculum as per the suggestions received from BoS members and the industry experts.	Advice was taken into consideration and revision was carried out in 40 courses and 38 new courses were introduced in the Curriculum and Syllabus of B.E. Automobile Engineering (Regulation 2018)	2018	Curriculum & Syllabus of B.E. Automobile Engineering (UG Regulation 2018 - Choice-Based Credit System). <b>Reference:</b> UG Curriculum & Syllabus of Regulation 2018.
3	Open elective courses focusing on interdisciplinary subjects needs to be implemented in the curriculum.	Open elective courses in various subjects offered by other departments were introduced in the Curriculum and Syllabus of B.E. Automobile Engineering (Regulation 2018)	2018	Curriculum & Syllabus of B.E. Automobile Engineering (UG Regulation 2018 - Choice-Based Credit System). <b>Reference:</b> UG Curriculum & Syllabus of Regulation 2018.
4	Value added courses are to be introduced in various domains and thrust areas.	Value-added in the thrust areas of the program were introduced in the Curriculum & Syllabus of B.E. Automobile Engineering (Regulation 2018)	2018	Curriculum & Syllabus of B.E. Automobile Engineering (UG Regulation 2018 - Choice-Based Credit System). <b>Reference:</b> UG Curriculum & Syllabus of Regulation 2018.
5	More courses focusing on enhancing the employability of the students are to be incorporated in the curriculum.	Focus on employability is made in about 56 courses in Curriculum & Syllabus of B.E. Automobile Engineering (Regulation 2018)	2018	Curriculum & Syllabus of B.E. Automobile Engineering (UG Regulation 2018 - Choice-Based Credit System).

S. No.	Action to be taken	Action taken	Year	Proof
				<b>Reference:</b> UG Curriculum & Syllabus of Regulation 2018.
6	Projects focusing on enhancing the technical skills of the students need to be updated in the curriculum.	A new course on Design project was introduced in the Curriculum & Syllabus of B.E. Automobile Engineering (Regulation 2018)	2018	Curriculum & Syllabus of B.E. Automobile Engineering (UG Regulation 2018 - Choice-Based Credit System). <b>Reference:</b> UG Curriculum & Syllabus of Regulation 2018.
7	Syllabus to be framed for few courses in the curriculum keeping in view of the contents of the GATE/IES syllabus.	Due weightage has been given in the formation of syllabus to take care of competitive exams	2018	Curriculum & Syllabus of B.E. Automobile Engineering (UG Regulation 2018 - Choice-Based Credit System). <b>Reference:</b> UG Curriculum & Syllabus of Regulation 2018.
8	Indirect assessment methods should have various components such as activity based assignments/mini-projects/technical presentation etc.	Flexibility in scheme of evaluation for assignments was included in Regulation 2018.	2018	There will be three assignments / tutorials/ seminars/ mini projects for each course. The total marks obtained in three assignments/tutorials/seminars/mini projects put together, shall be proportionately reduced for 15 marks and rounded to the nearest integer (This also implies equal weightage to three assignments /tutorials/ seminars/ mini projects). <b>Reference:</b> UG Regulation 2018 - Section 12.1(a)
9	Internships and skill development programmes addressing the requirements of the industry need to be incorporated in the curriculum.	Advice was taken into consideration and made mandatory in Regulation 2018.	2018	<b>Reference:</b> UG Regulation 2018 - Section 4.5
10	Interpersonal development activities addressing the societal needs to be implemented in the curriculum.	Personality and character development activities are made mandatory in the UG Regulation 2018	2018	<b>Reference:</b> UG Regulation 2018 - Section 4.2

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