

Sri Venkateswara College of Engineering

Autonomous Institution, Affiliated to Anna University, Chennai.

Approved by the A.I.C.T.E Accredited by NAAC

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Faculty of Mechanical Engineering

10/01/2018

Analysis of Feedback Report (AY 2016-17 and AY 2017-18)

Department of Mechanical Engineering of Sri Venkateswara College of Engineering (SVCE) offering programs to the students that provides technical knowledge as well as skill development to sustain in the competitive global environment in an ethical way. Focusing on continuous improvement, stakeholders feedback plays a prominent role for evaluation and further progress of the program

Analysis of Student Feedback (AY 2016-17 and AY 2017-18)

S. No.	Attributes	Remarks	Reference
1.	Course is relevant to the current industry needs.	Very good. Strengthen the courses of thrust area	Student feedback analysis for AY2016-17 & AY2017-18
2	Fulfillment of Course Outcomes	Very good. Need to increase the assessment tools	
3	Course enhanced my ability to formulate, analyze and solve problems	Very good. Improvement in Participatory learning	
4	Course imparted sufficient technical skills which will help in placement and higher studies	Very good Need courses improving practical skills	
5	Appropriate textbooks and reference books were quoted and were available in the library	Very good Strengthen the Library	
6	Continuous Assessments (Test, Assignment, MCQ, etc) are relevant to the COs and are effective	Very good Implementation of additional assessment tools	

During their campus life, students of SVCE are well prepared through their learning process to service the industry and society in an efficient and ethical way. It was inferred that they expect a challenging environment in learning and assessment methodologies for the courses offered in their curriculum. SVCE is committed to impart the additional skills required to the students by introducing the courses relevant to the industry and social needs.

Action to be taken

S.No	Action	Period
1	Introduction of Choice Based Credit System (CBCS)	To implement in the Next revision of curriculum
2	Introduction of multidisciplinary Courses	
3	Introduction of courses which added value to the program	
4	Introduction of skill development courses	
5	Introduction of courses which improve the students managerial skill	
6	Introduction of additional evaluation tools	

Analysis of Faculty Feedback (AY 2016-17 and AY 2017-18)

S.No	Attributes	Remarks	Reference
1.	Is the course relevant for the program?	Excellent.	Faculty feedback analysis for AY2016-17 & AY2017-18
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?	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?	Excellent	
8.	Does the course content enable Participatory Learning?	Very Good. Activity based learning is preferred for some subjects	
9.	Is the course duration adequate?	Excellent.	
10.	Overall satisfaction	Excellent.	

Faculty of SVCE are committed themselves to manage the teaching learning process for converting the course syllabus into skills and knowledge of the students by employing various learning and assessment tools. They have acknowledged that the courses and their evaluation schemes are well structured and the teaching learning process is progressed in a comfortable way. It was inferred that evaluation tools which enables the students critical thinking has to be introduced to enhance the participatory learning.

Action to be taken

S.No	Action	Period
1	Evaluation tools which enhance the participatory learning has to be introduced	To implement in the Next revision of curriculum
2	Evaluation tools which enables practical skill has to be introduced	

Analysis of Alumni Feedback (AY 2016-17 and AY 2017-18)

S.No	Attributes	Remarks	Reference
1.	Courses were relevant for the program and met the current industry needs	Very Good. Modification of Curriculum focussing on thrust areas	Alumni feedback analysis for AY16-17 & AY17-18
2.	Knowledge provided by the courses were useful to the professional practice	Very Good. Focus on skill development courses	
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	Excellent.	
6.	The courses enabled critical thinking and problem-solving skills	Very Good. Needs Enhanced participatory learning	
7.	The courses provided an opportunity to enhance communication and interpersonal skills	Excellent	
8.	Curriculum and courses inspired lifelong learning	Excellent.	
9.	Rate the evaluation schemes adopted.	Excellent.	
10.	Overall Satisfaction of the Program	Excellent	

As committed in SVCE mission statement, alumni of SVCE are capable to meet the challenges of the technology and society. This was reflected in the alumni feedback and alumni of SVCE acknowledged that the curriculum is enriched with the courses focusing on employability potential and interpersonal skills. As an address to the Alumni feedback, Mechanical Engineering Department of SVCE is committed to strengthen the curriculum with courses focusing on thrust areas and improvement in participatory learning

Action to be taken

S.No	Action	Period
1	Introduction of courses focusing on thrust areas	To implement in the Next revision of curriculum
2	Introduction of skill development courses	
3	Introduction of evolution schemes to enhance participatory learning	

Analysis of Employers Feedback (AY 2016-17 and AY 2017-18)

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	Very good. Courses leading to research activities and societal needs can be suggested	
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. Enhancing skill oriented Courses	
6.	Projects emphasize team building and teamwork.	Excellent	
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	

SVCE is imparted technical knowledge and skillsto the students meet his technical as well as social needs in an ethical way. SVCE is proud to say that our employers acknowledged about curriculum and syllabus of SVCE and it was inferred that the curriculum and syllabus have addressed their needs. It was also inferred that practical skill of the students need further enhancement to meet the changing industry environment. We hereby acknowledged and assured that, the curriculum will be modified by introducing the courses which explore the technical skills of the students

S.No	Action	Period
1	Introduction of courses to learn with industry participation	To implement in the Next revision of curriculum
2	Introduction of skill development courses which enables practical learning	


HOD/ME

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(An Autonomous institution affiliated to Anna University)

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Department of Mechanical Engineering

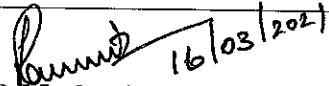
Action Taken and Relevant Proofs during Implementation of R2018

16.03.2021

S. No.	Action to be taken	Action taken	Year	Proof										
1	Introduction of Choice Based Credit System (CBCS)	Choice Based Credit System (CBCS) was introduced in the 2018 curriculum	2018	Reference: Curriculum and syllabus of B. E Mechanical Engineering Programme. Regulations 2018										
2	Introduction of multidisciplinary Courses	<p>Following multidisciplinary Courses were introduced in the 2018 curriculum</p> <table border="1"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> </tr> </thead> <tbody> <tr> <td>CS18052</td> <td>Fundamentals of Artificial Intelligence</td> </tr> <tr> <td>ME18006</td> <td>Automobile Electronics</td> </tr> <tr> <td>ME18024</td> <td>Micro Controllers and Embedded System</td> </tr> <tr> <td>ME18032</td> <td>Sensors for Automation</td> </tr> </tbody> </table>	Course Code	Course Title	CS18052	Fundamentals of Artificial Intelligence	ME18006	Automobile Electronics	ME18024	Micro Controllers and Embedded System	ME18032	Sensors for Automation	2018	Reference: Curriculum and syllabus of B. E Mechanical Engineering Programme. Regulations 2018 - (Page No: 5 & 6)
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CS18052	Fundamentals of Artificial Intelligence													
ME18006	Automobile Electronics													
ME18024	Micro Controllers and Embedded System													
ME18032	Sensors for Automation													

3	Introduction of courses which added value to the program	<p>Following Value added courses were introduced in the 2018 curriculum</p> <table border="1" data-bbox="815 277 1464 979"> <thead> <tr> <th data-bbox="815 277 1016 316">Course Code</th> <th data-bbox="1016 277 1464 316">Course Title</th> </tr> </thead> <tbody> <tr> <td data-bbox="815 316 1016 392">VD18001</td> <td data-bbox="1016 316 1464 392">Advanced Gear Manufacturing Concepts</td> </tr> <tr> <td data-bbox="815 392 1016 469">VD18002</td> <td data-bbox="1016 392 1464 469">Condition Monitoring of Machine Tools</td> </tr> <tr> <td data-bbox="815 469 1016 545">VD18003</td> <td data-bbox="1016 469 1464 545">Design and Development of Jigs and Fixtures</td> </tr> <tr> <td data-bbox="815 545 1016 622">VD18004</td> <td data-bbox="1016 545 1464 622">Design and Development of Press Tools</td> </tr> <tr> <td data-bbox="815 622 1016 699">VD18005</td> <td data-bbox="1016 622 1464 699">Engine Instrumentation and Testing</td> </tr> <tr> <td data-bbox="815 699 1016 775">VD18006</td> <td data-bbox="1016 699 1464 775">Geometrical Dimensioning and Tolerance</td> </tr> <tr> <td data-bbox="815 775 1016 852">VD18007</td> <td data-bbox="1016 775 1464 852">Kaizen and its Applications</td> </tr> <tr> <td data-bbox="815 852 1016 928">VD18008</td> <td data-bbox="1016 852 1464 928">Kinematic Analysis of Mechanical Links</td> </tr> <tr> <td data-bbox="815 928 1016 979">VC18001</td> <td data-bbox="1016 928 1464 979">Communicative German</td> </tr> <tr> <td data-bbox="815 979 1016 986">VC18005</td> <td data-bbox="1016 979 1464 986">Basics of Entrepreneurship Development</td> </tr> </tbody> </table>	Course Code	Course Title	VD18001	Advanced Gear Manufacturing Concepts	VD18002	Condition Monitoring of Machine Tools	VD18003	Design and Development of Jigs and Fixtures	VD18004	Design and Development of Press Tools	VD18005	Engine Instrumentation and Testing	VD18006	Geometrical Dimensioning and Tolerance	VD18007	Kaizen and its Applications	VD18008	Kinematic Analysis of Mechanical Links	VC18001	Communicative German	VC18005	Basics of Entrepreneurship Development	2018	<p>Reference: Curriculum and syllabus of B. E Mechanical Engineering Programme- Regulations 2018- (Page No: 7)</p>
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4	Introduction of skill development courses	<p>Course entitled "Interview and Career Skills Laboratory" with course code HS18561 offered by Humanities & Science department was in introduced in Semester VI of R2018 curriculum.</p>	2018	<p>Reference: Curriculum and syllabus of B. E Mechanical Engineering Programme. Regulations 2018 (Page No: 4)</p>																						

5	Introduction of courses which improve the students managerial skill	<p>Following skill development courses focusing on managerial skill were introduced in the curriculum</p> <table border="1" data-bbox="801 288 1473 679"> <thead> <tr> <th>Course Code</th> <th>Course Title</th> </tr> </thead> <tbody> <tr> <td>SE18001</td> <td>Artificial Intelligence and Robotics</td> </tr> <tr> <td>SE18002</td> <td>Corporate Finance</td> </tr> <tr> <td>SE18003</td> <td>Financial Statement Analysis</td> </tr> <tr> <td>SE18004</td> <td>Managerial Economics</td> </tr> <tr> <td>SE18005</td> <td>Market Research</td> </tr> <tr> <td>SE18006</td> <td>Production Management</td> </tr> <tr> <td>SE18007</td> <td>Project Management</td> </tr> <tr> <td>SE18008</td> <td>Securities Market - Beginner's Module</td> </tr> <tr> <td>SE18009</td> <td>Supply Chain Management</td> </tr> </tbody> </table>	Course Code	Course Title	SE18001	Artificial Intelligence and Robotics	SE18002	Corporate Finance	SE18003	Financial Statement Analysis	SE18004	Managerial Economics	SE18005	Market Research	SE18006	Production Management	SE18007	Project Management	SE18008	Securities Market - Beginner's Module	SE18009	Supply Chain Management	2018	Reference: Curriculum and syllabus of B. E Mechanical Engineering Programme. Regulations 2018 (Page No: 6)
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7	Introduction of additional evaluation tools																							
8	Evaluation tools which enhance the participatory learning has to be introduced	New tools have been adopted by the faculty members of the department to evaluate the courses of B.E Mechanical Engineering programme	2020	Reference: Course delivery plan and course assessment methods for the course.																				
9	Introduction of evolution schemes to enhance participatory learning																							


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