

Feedback Report



JIS College of Engineering

Academic Year: 2018-2019

Feedback Report

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About the Feedback Processes:

As a premier institute for engineering education, JIS College of Engineering is known to the world for education as well research in different areas. The feedback from different stakeholders - students, teachers, parents and alumni provide important input for curriculum development and enrichment. Students at the end of every semester provide feedback on syllabus of every course. Feedback regarding the curriculum and syllabus is obtained from students, parents, teachers and alumni. Feedback for 2018-19 is reported.

Students Feedback
Academic Year: 2018-2019

Students Feedback:

The students are the most important stakeholders of Higher Education systems. The interest and participation of students at all levels in both internal quality assurance and external quality assurance have to play a central role. From the current academic year the college has started online feedback system. We have received total 286 student's online feedback on the curriculum, designed by all the departments of JIS College of Engineering, Kalyani, Nadia, WB.

We have considered 10 parameters namely-“Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?”, “Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)”, “Does the Curriculum satisfy the current industry requirement?”, “Depth of the course content”, “Is the Curriculum compatible with the latest technology?”, “Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?”, “Academic Curriculum”, “Applicability/relevance to real life situations”, “Relevance/learning value of project/ report” and “Overall rating”. We rate the parameters as follows: Extremely Good (9), Very Good (8), Good (7), Moderately Good (6) and Moderate (5), Somehow Tolerable (4), Poor (3), Very Poor (2), Extremely Poor (1). Final rating is marked as “Excellent” if Average Scores is greater than 8. Final rating is marked as “Very good” if average scores is less than or equal to 8 but greater than 6. Final rating is marked as “good” if average scores is less than or equal to 6 but greater than 4 and so on. The results derived in terms of percentage of students with common views, average scores and rating have been presented in Table-1.

Table 1: Analysis of feedback from Students 2018-19

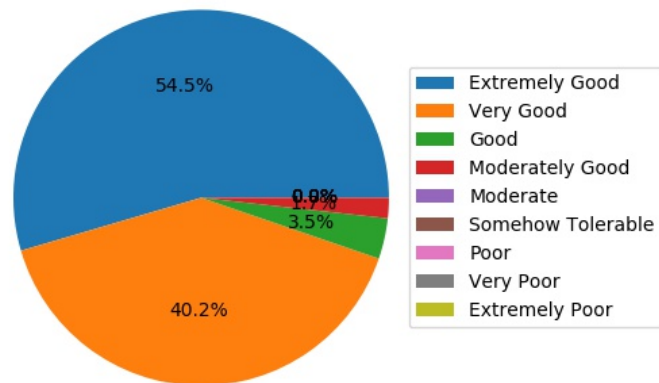
Q.No.	Curriculum Evaluation Points	Responses (in terms of percentage of students)										Rating
		Extremely Good	Very Good	Good	Moderately Good	Moderate	Somehow Tolerable	Poor	Very Poor	Extremely Poor	Average	
1	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	54.55	40.21	3.5	1.75	0	0	0	0	0	8.48	Excellent
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	48.95	41.96	8.74	0.35	0	0	0	0	0	8.4	Excellent
3	Does the Curriculum satisfy the current industry requirement?	52.45	40.91	3.5	3.15	0	0	0	0	0	8.43	Excellent
4	Depth of the course content	51.75	39.86	5.24	3.15	0	0	0	0	0	8.4	Excellent
5	Is the	50.7	45.45	2.45	1.4	0	0	0	0	0	8.45	Excellent

	Curriculum compatible with the latest technology?											nt
6	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	51.75	43.71	2.1	2.45	0	0	0	0	0	8.45	Excellent
7	Academic Curriculum	55.24	42.66	2.1	0	0	0	0	0	0	8.53	Excellent
8	Applicability/relevance to real life situations	50.35	44.06	1.4	4.2	0	0	0	0	0	8.41	Excellent
9	Relevance/learning value of project/ report	45.1	50.7	2.8	1.4	0	0	0	0	0	8.4	Excellent
10	Overall rating	50.7	49.3	0	0	0	0	0	0	0	8.51	Excellent

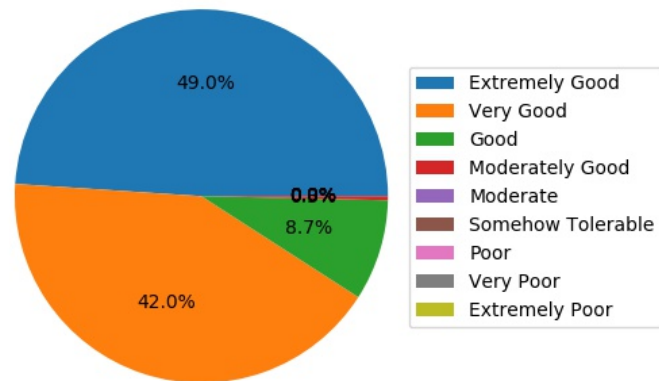
Note: **Average Scores > 8:** excellent; **8≥Average Score>6:** Very Good; **6≥Average Score>4:**Good

Feedback received from the students revealed that out of 10 chosen parameters, all have been rated as “Excellent”. The students’ feedback has been judiciously incorporated in the teaching-learning across all the disciplines. The highest score of 8.53 was given to the parameter “Academic Curriculum” and rated as “Excellent” followed by ‘Overall rating’ with average score of 8.48. The next highly rated parameters are “Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?”, “Is the Curriculum compatible with the latest technology?” with average scores of 8.48, 8.45 respectively have been rated as “Excellent”.

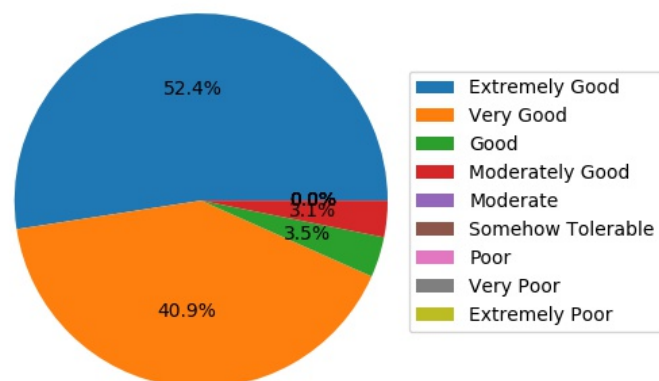
Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?



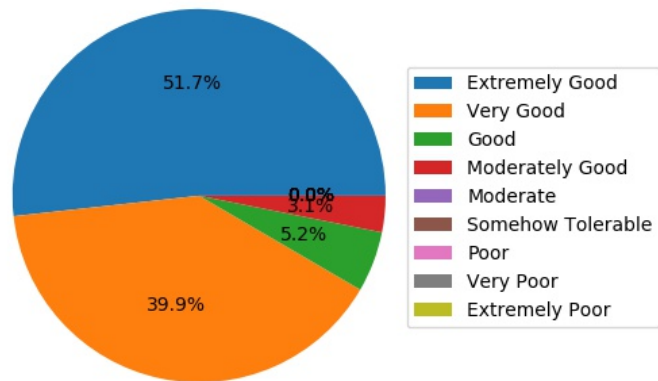
Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)



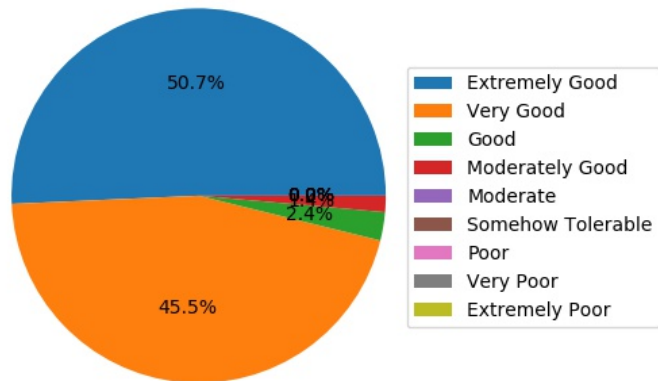
Does the Curriculum satisfy the current industry requirement?



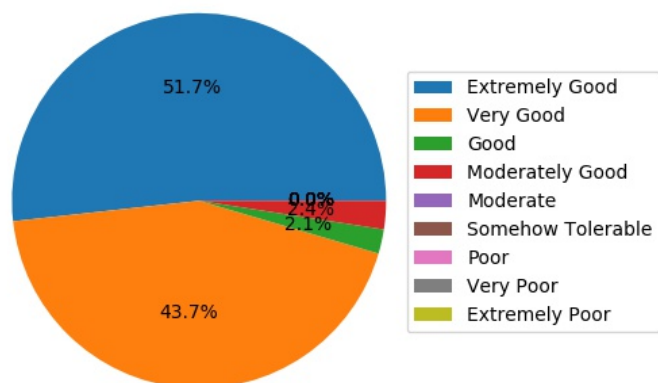
Depth of the course content



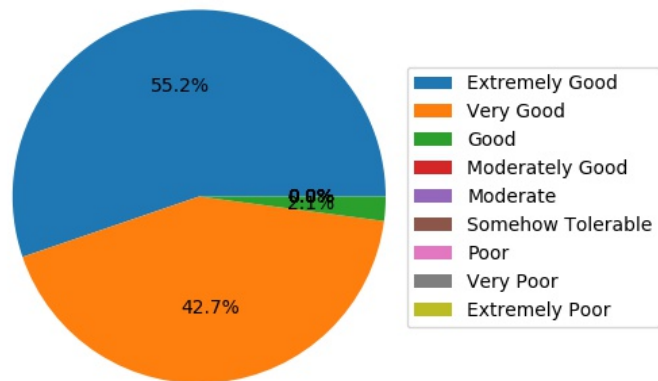
Is the Curriculum compatible with the latest technology?



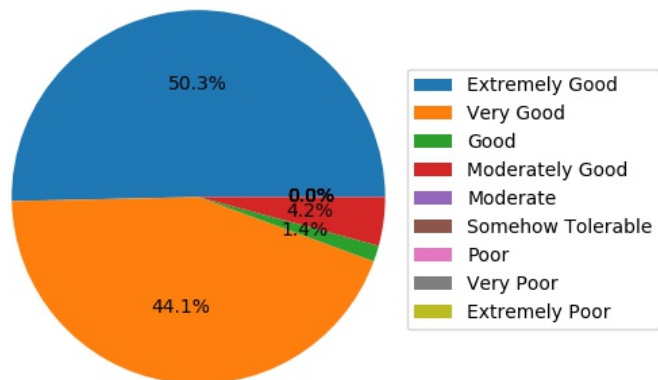
Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?



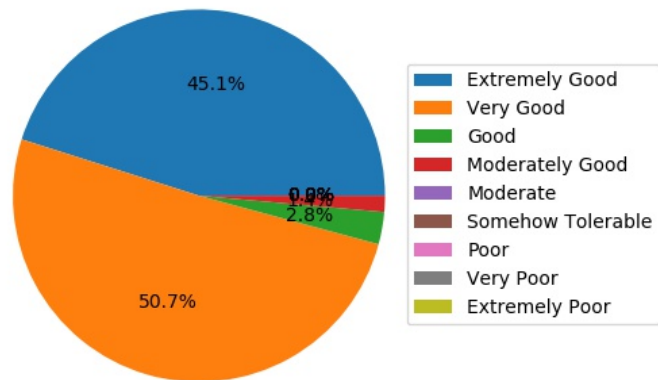
Academic Curriculum



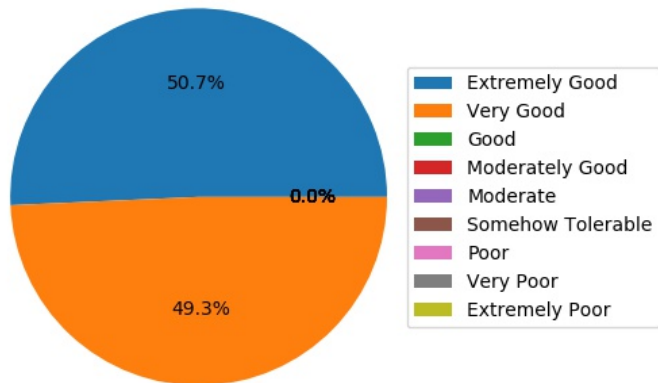
Applicability/relevance to real life situations



Relevance/learning value of project/ report



Overall rating



Parent Feedback
Academic Year: 2018-2019

Parent Feedback:

The parents' feedback was obtained on 8 parameters namely- "Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?", "Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)", "Does the Curriculum satisfy the current industry requirement?", "Is the Curriculum compatible with the latest technology?", "Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?", "Applicability/relevance to real life situations", "Relevance/learning value of project/ report" and "Overall rating". We rate the parameters as follows: Extremely Good (9), Very Good (8), Good (7), Moderately Good (6) and Moderate (5), Somehow Tolerable (4), Poor (3), Very Poor (2), Extremely Poor (1). Final rating is marked as "Excellent" if Average Scores is greater than 8. Final rating is marked as "Very good" if average scores is less than or equal to 8 but greater than 6. Final rating is marked as "good" if average scores is less than or equal to 6 but greater than 4 and so on. We have received total 138 parent's feedback. The analysis of feedback is reported in Table 2.

Table 2 : Analysis of feedback from Parents 2018-19

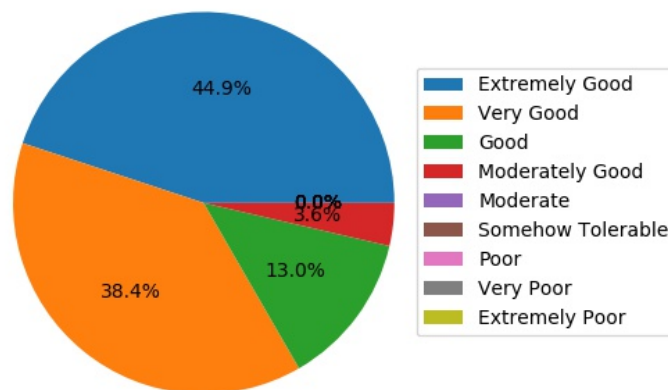
Q.No.	Curriculum Evaluation Points	Responses (in terms of percentage of parents)										Rating
		Extremely Good	Very Good	Good	Moderately Good	Moderate	Somehow Tolerable	Poor	Very Poor	Extremely Poor	Average Score	
1	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	44.93	38.41	13.04	3.62	0	0	0	0	0	8.25	Excellent
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	47.1	35.51	11.59	5.8	0	0	0	0	0	8.24	Excellent
3	Does the Curriculum satisfy the current industry requirement?	50	39.86	10.14	0	0	0	0	0	0	8.4	Excellent
4	Is the Curriculum compatible with the latest technology?	42.03	47.1	8.7	2.17	0	0	0	0	0	8.29	Excellent
5	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	46.38	36.23	10.87	6.52	0	0	0	0	0	8.22	Excellent
6	Applicability/relevance to real life situations	44.2	39.13	10.87	5.8	0	0	0	0	0	8.22	Excellent
7	Relevance/learning value of project/ report	46.38	34.06	13.77	5.8	0	0	0	0	0	8.21	Excellent
8	Overall rating	45.65	50.72	3.62	0	0	0	0	0	0	8.42	Excellent

Note: **Average Scores > 8:** excellent; **8≥Average Score>6:** Very Good; **6≥Average Score>4:** Good

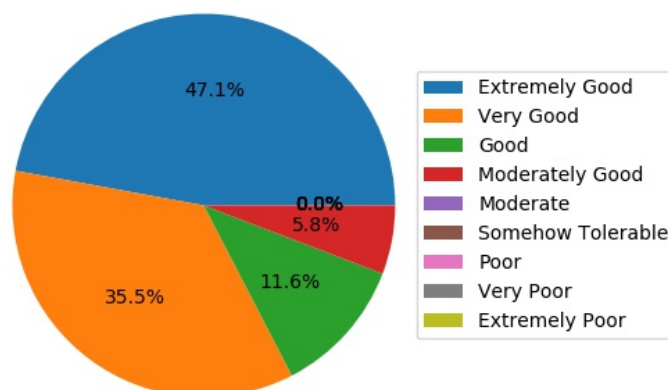
Table-2 shows that the highest average score (8.42) was provided to the parameter "Overall rating" which indicates that the parents are satisfied with the curriculum. The parameter "Does the Curriculum satisfy the

current industry requirement?” has next largest average score (8.4). All parameters show average score as “Excellent”.

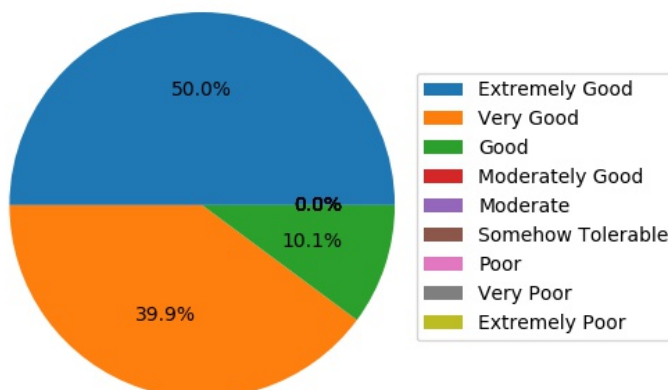
Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?



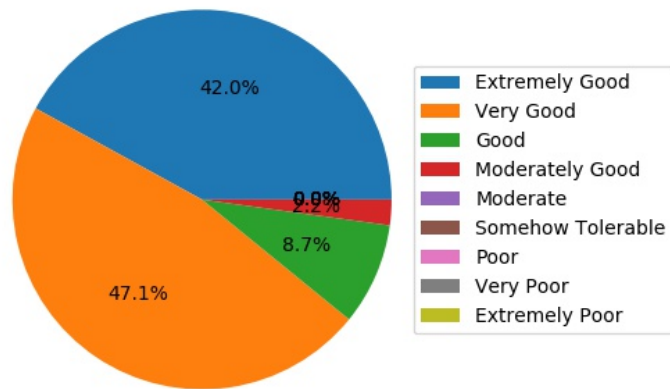
Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)



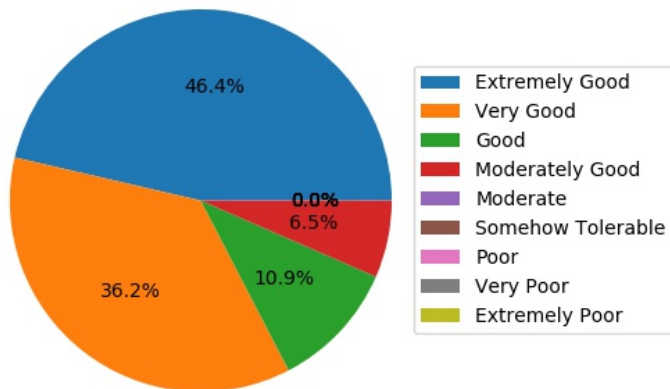
Does the Curriculum satisfy the current industry requirement?



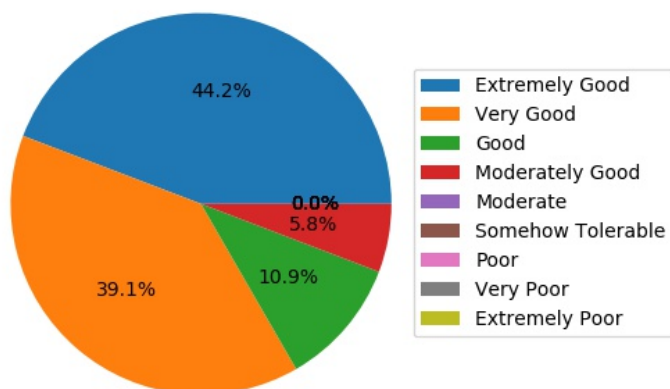
Is the Curriculum compatible with the latest technology?



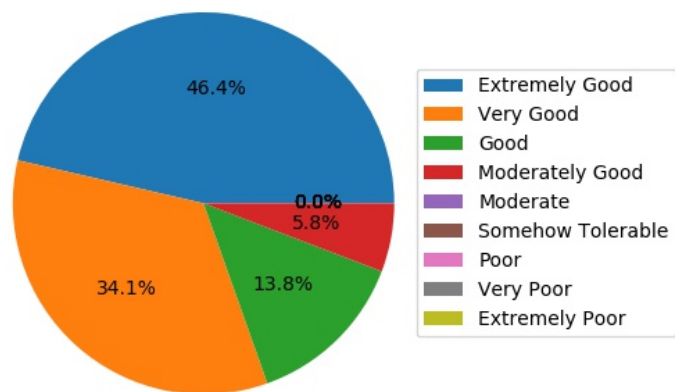
Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?



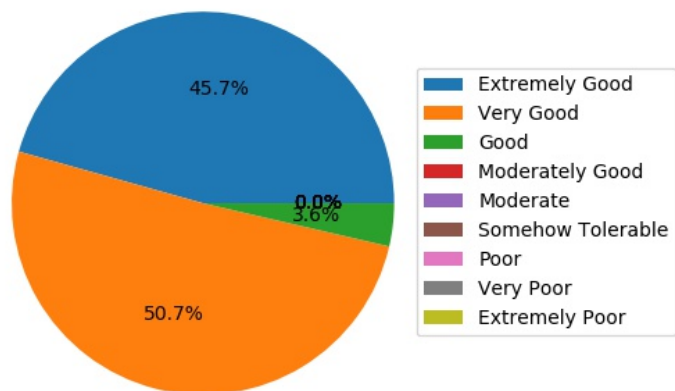
Applicability/relevance to real life situations



Relevance/learning value of project/ report



Overall rating



Teacher Feedback
Academic Year: 2018-2019

Teacher Feedback:

Feedback from teachers was collected for their views towards the curriculum, teaching learning and evaluation as shown in Table-3. Feedback was collected on 8 parameters- “Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?”, “Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)”, “Does the Curriculum satisfy the current industry requirement?”, “Is the Curriculum compatible with the latest technology?”, “Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?”, “Applicability/relevance to real life situations”, “Relevance/learning value of project/ report” and “Overall rating”. The teachers provided us the inputs regarding improvement in facilities and employability of our students. We appeal our teachers to provide their sincere feedback on curriculum. We have received total 79 online feedbacks from teachers. Based on the comments of the teachers, the analysis has been done as follows:

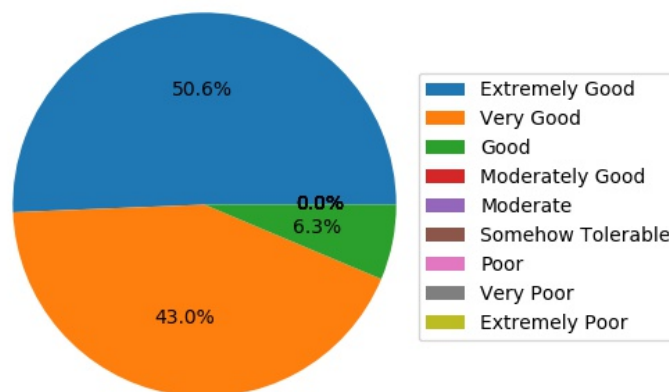
Table 3: Analysis of feedback from Teachers 2018-19

Q.No.	Curriculum Evaluation Points	Responses (in terms of percentage of teachers)										Rating
		Extremely Good	Very Good	Good	Moderately Good	Moderate	Somehow Tolerable	Poor	Very Poor	Extremely Poor	Average	
1	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	50.63	43.04	6.33	0	0	0	0	0	0	8.44	Excellent
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	53.16	41.77	5.06	0	0	0	0	0	0	8.48	Excellent
3	Does the Curriculum satisfy the current industry requirement?	48.1	45.57	6.33	0	0	0	0	0	0	8.42	Excellent
4	Is the Curriculum compatible with the latest technology?	40.51	56.96	2.53	0	0	0	0	0	0	8.38	Excellent
5	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	43.04	49.37	7.59	0	0	0	0	0	0	8.35	Excellent
6	Applicability/relevance to real life situations	41.77	46.84	11.39	0	0	0	0	0	0	8.3	Excellent
7	Relevance/learning value of project/ report	48.1	44.3	7.59	0	0	0	0	0	0	8.4	Excellent
8	Overall rating	43.04	56.96	0	0	0	0	0	0	0	8.43	Excellent

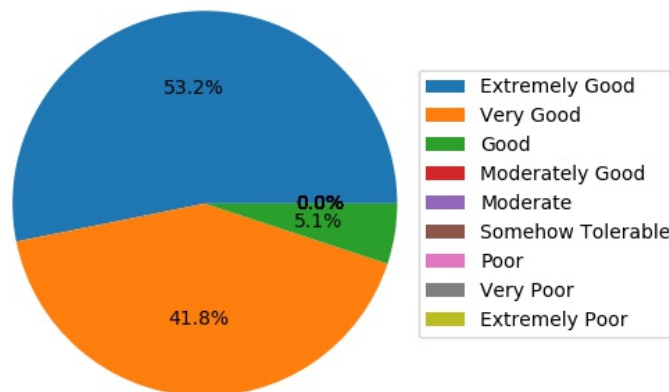
Note: **Average Scores > 8:** excellent; **8≥Average Score>6:** Very Good; **6≥Average Score>4:** Good

It is evident from the table that the teachers have given highest score of 8.48 to parameter "Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)". The parameter "Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?" shows score of 8.44 which is regarded as "Excellent". All the other parameters also show "Excellent" rating. Overall the feedback from teachers on curriculum is excellent.

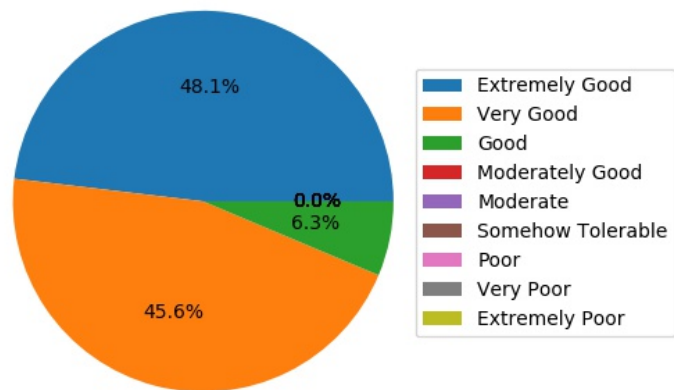
Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?



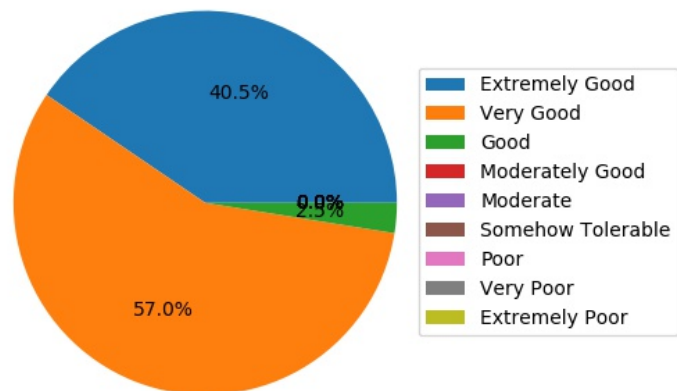
Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)



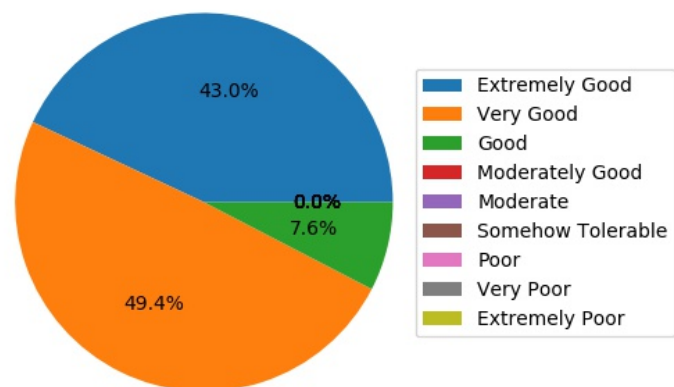
Does the Curriculum satisfy the current industry requirement?



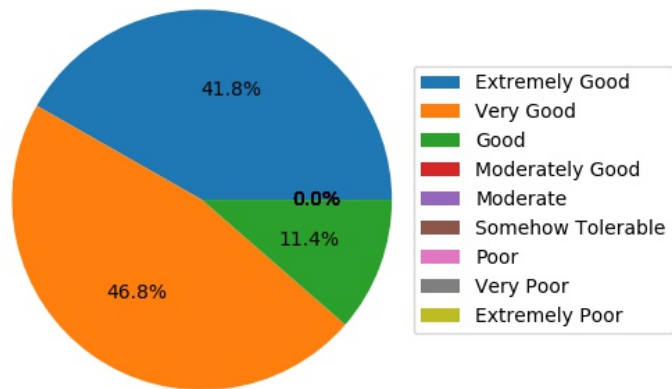
Is the Curriculum compatible with the latest technology?



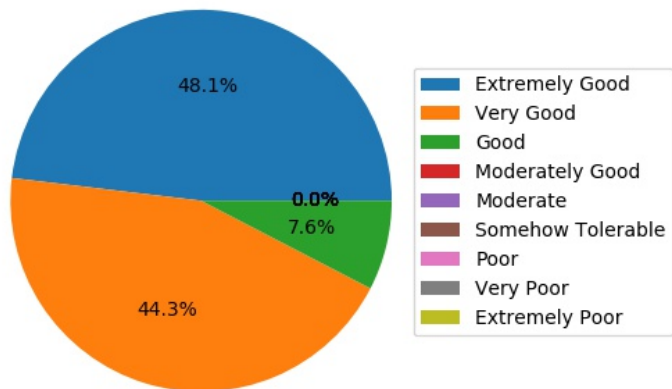
Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?



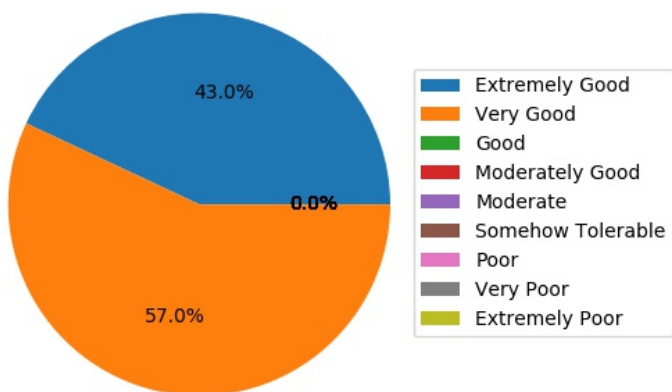
Applicability/relevance to real life situations



Relevance/learning value of project/ report



Overall rating



Alumni Feedback
Academic Year: 2018-2019

Alumni Feedback:

Our alumni are valuable for us. They provided us the inputs regarding improvement in facilities and employability of our students. JIS College of Engineering always tries to get alumni feedback to improve the quality of academic programs especially for design and review of the syllabus. We have received total 151 alumni online feedbacks. The findings of the alumni's feedback responses are reported in Table-4.

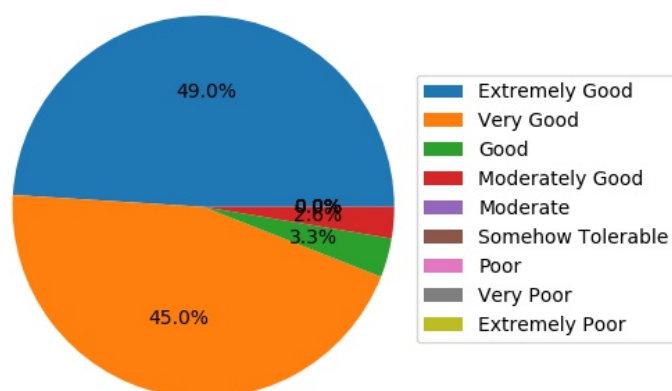
Table 4: Analysis of feedback from Alumni2018-19

Q.No.	Curriculum Evaluation Points	Responses (in terms of percentage of alumni)										Rating
		Extremely Good	Very Good	Good	Moderately Good	Moderate	Somehow Tolerable	Poor	Very Poor	Extremely Poor	Average	
1	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	49.01	45.03	3.31	2.65	0	0	0	0	0	8.4	Excellent
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	47.68	44.37	1.99	5.96	0	0	0	0	0	8.34	Excellent
3	Does the Curriculum satisfy the current industry requirement?	52.98	46.36	0.66	0	0	0	0	0	0	8.52	Excellent
4	Depth of the course content	50.33	47.68	1.99	0	0	0	0	0	0	8.48	Excellent
5	Is the Curriculum compatible with the latest technology?	44.37	39.74	9.93	5.96	0	0	0	0	0	8.23	Excellent
6	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	44.37	45.03	5.96	4.64	0	0	0	0	0	8.29	Excellent
7	Academic Curriculum	47.02	43.05	6.62	3.31	0	0	0	0	0	8.34	Excellent
8	Applicability/relevance to real life situations	47.68	45.03	5.3	1.99	0	0	0	0	0	8.38	Excellent
9	Relevance/learning value of project/ report	45.03	37.09	14.57	3.31	0	0	0	0	0	8.24	Excellent
10	Overall rating	43.05	56.95	0	0	0	0	0	0	0	8.43	Excellent

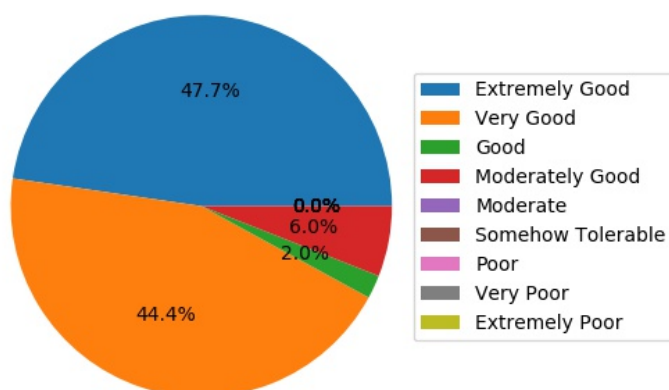
Note: **Average Scores > 8:** excellent; **8≥Average Score>6:** Very Good; **6≥Average Score>4:** Good

Table-4 shows “Excellent” on all parameters where “Does the Curriculum satisfy the current industry requirement?” shows maximum score of (8.52). The parameter “Depth of the course content” shows score of 8.48 which indicates that our alumni are satisfied with the academic curriculum. It is clearly evident from the average scores mentioned in Table-4 that our alumni feel proud to be the student of JIS College of Engineering.

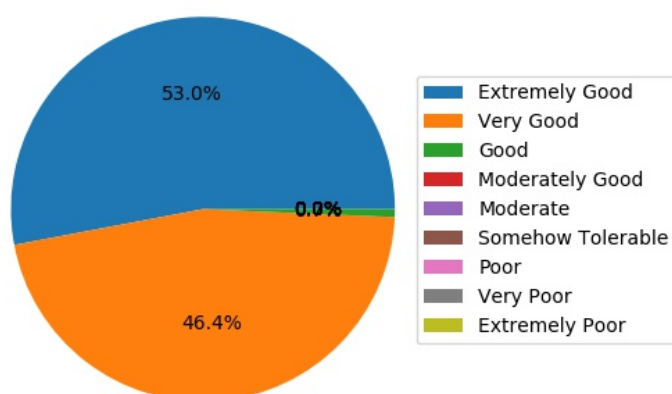
Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?



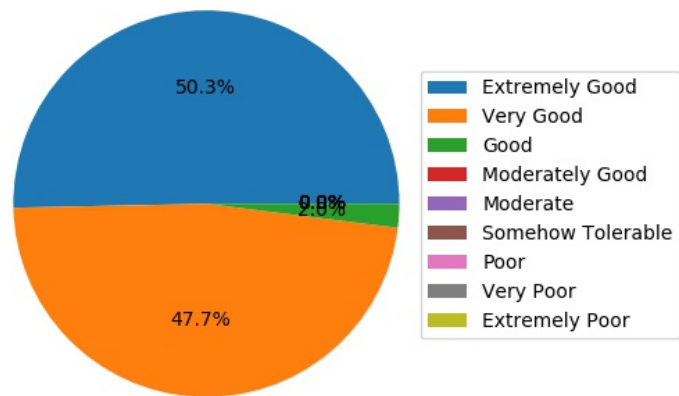
Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)



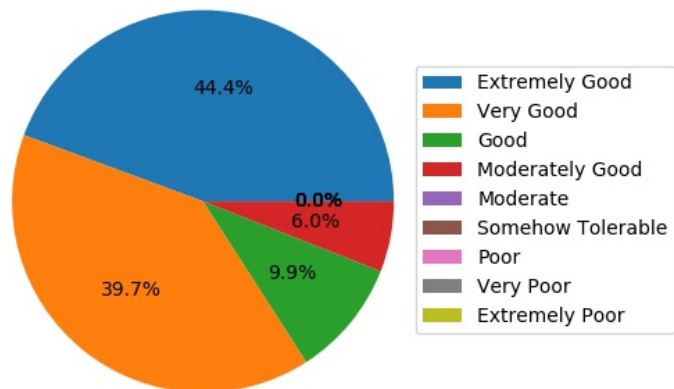
Does the Curriculum satisfy the current industry requirement?



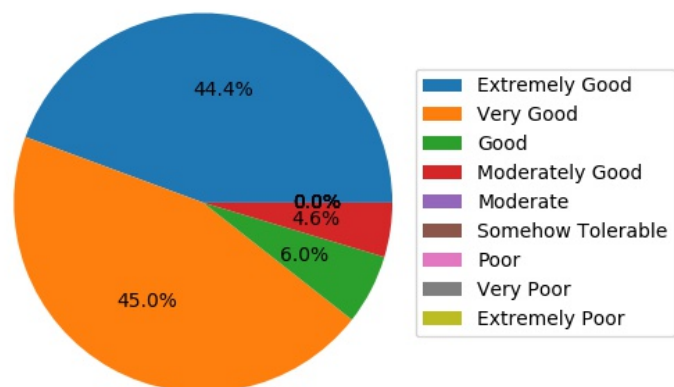
Depth of the course content



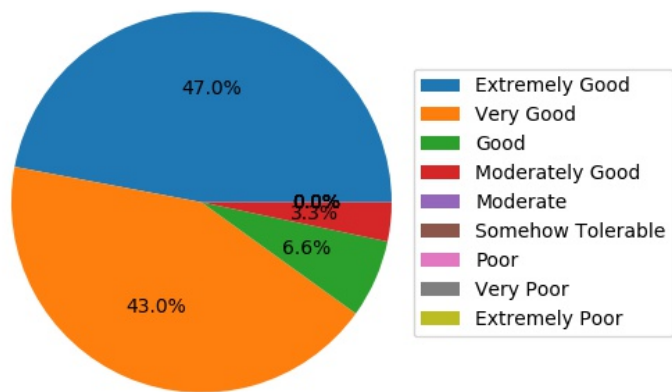
Is the Curriculum compatible with the latest technology?



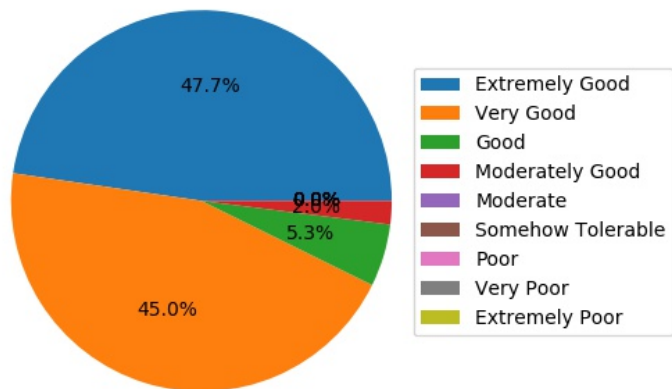
Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?



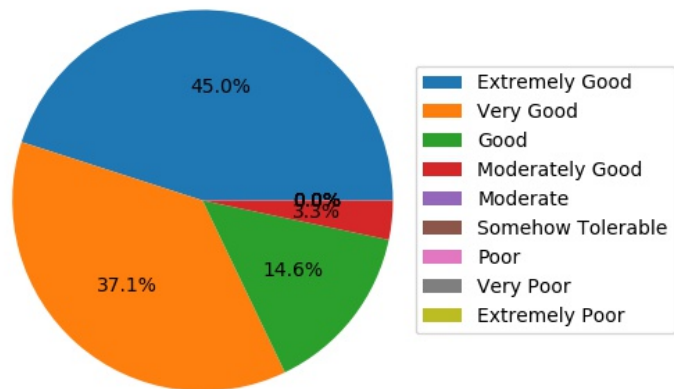
Academic Curriculum



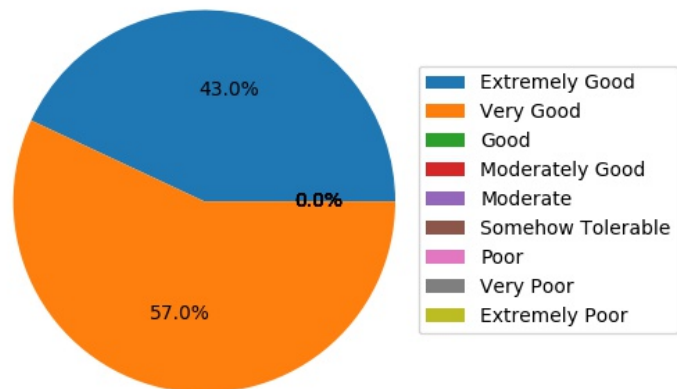
Applicability/relevance to real life situations



Relevance/learning value of project/ report



Overall rating



Action Taken Report(ATR)on Feedback

Sl. No.	Recommendation Based on Feedback	Action Taken
1	Relevance/learning value of project/ report	➤ Mandatory Projects from 1st Semester onwards ➤ Special training sessions are arranged for 3rd year students to make them familiar with project and project ideas ➤ Students are encouraged to think for innovative project ideas. ➤ Innovative Project has introduced for 2nd year, 3rd year students in the curriculum. ➤ Students are instructed to submit project progress report in every week.
2	Applicability/relevance to real life situations	➤ Course has been updated with the applicability to real life situations. ➤ Special trainings are arranged for the students so that they can apply engineering knowledge to real life situations
3	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	➤ In every year students are assigned projects on selective subjects. ➤ Students are motivated in research based project.
4	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	➤ Trainings are arranged to increase programming skill. ➤ Students are encouraged to participate in Coding competitions. ➤ Special trainings are arranged to make students familiar with latest technology.