Feedback Report

JIS College of Engineering

Academic Year: 2017-2018

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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 2017-18 is reported as under:

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 274 student's online feedback on the curriculum, designed by all the departments of JIS College of Engineering, Kalyani, Nadia, WB.

We have considered 9 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" and"Relevance/learning value of project/ report".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 2017-18

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	45.62	40.15	8.76	5.47	0	0	0	0	0	8.26	Excellent

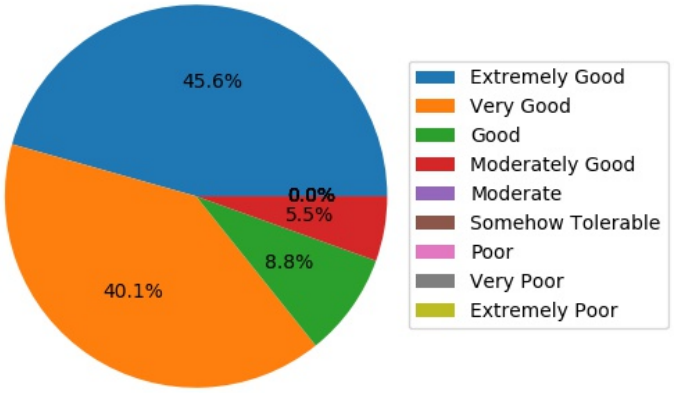
	technical subjects?											
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	50.36	41.61	6.93	1.09	0	0	0	0	0	8.41	Excellent
3	Does the Curriculum satisfy the current industry requirement?	52.92	45.26	1.46	0.36	0	0	0	0	0	8.51	Excellent
4	Depth of the course content	52.19	39.78	5.47	2.55	0	0	0	0	0	8.42	Excellent
5	Is the Curriculum compatible with the latest technology?	51.82	46.35	1.09	0.73	0	0	0	0	0	8.49	Excellent
6	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	52.19	45.26	2.19	0.36	0	0	0	0	0	8.49	Excellent
7	Academic Curriculum	55.11	43.43	1.46	0	0	0	0	0	0	8.54	Excellent
8	Applicability/relevance to real life situations	47.08	47.08	3.28	2.55	0	0	0	0	0	8.39	Excellent
9	Relevance/learning value of project/ report	44.53	44.16	5.84	5.47	0	0	0	0	0	8.28	Excellent

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

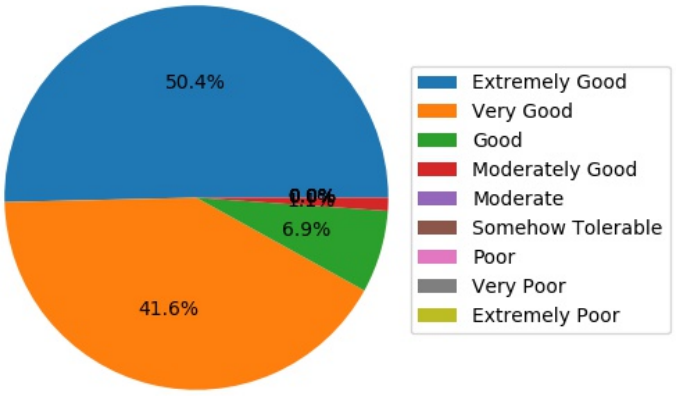
Feedback received from the students revealed that out of 9 chosen parameters, all have been rated as "Excellent". The students' feedback has been judiciously incorporated in the teaching-learning across all the disciplines.The highest score of 8.54 was given to the parameter "Academic Curriculum" and rated as "Excellent" followed by 'Does the Curriculum satisfy the current industry requirement?' with average score of 8.51.The next highly rated parameters are "Is the Curriculum compatible with the latest technology?" and"Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?",with average scores of 8.49 for the both have been rated as "Excellent".

Structured feedback for design and review of syllabus

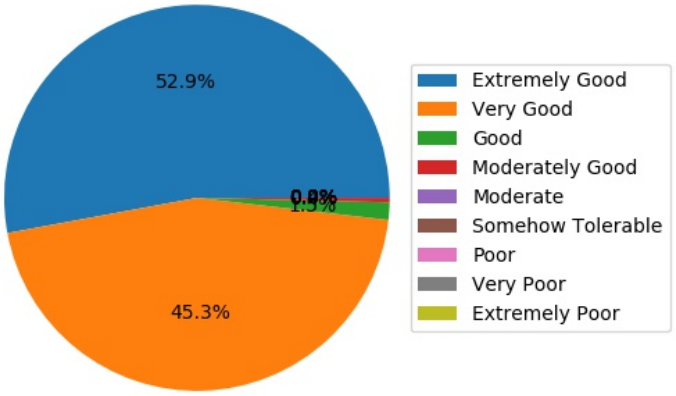
Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?



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

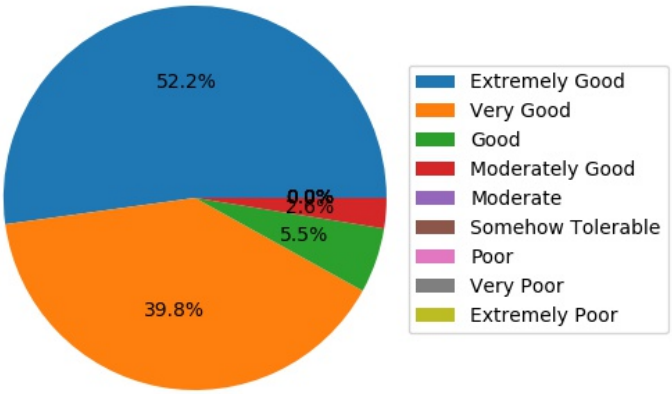


Does the Curriculum satisfy the current industry requirement?

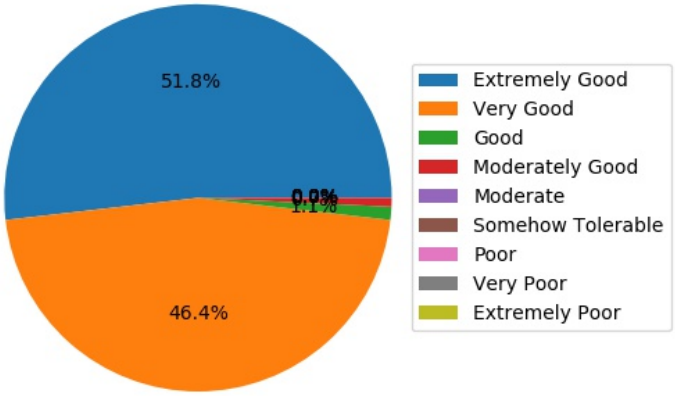


Structured feedback for design and review of syllabus

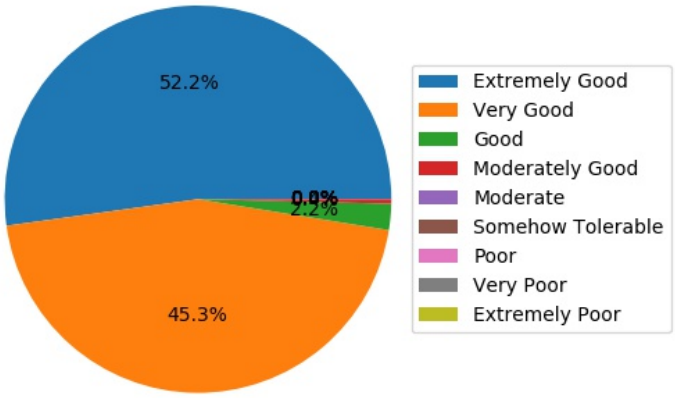
Depth of the course content



Is the Curriculum compatible with the latest technology?

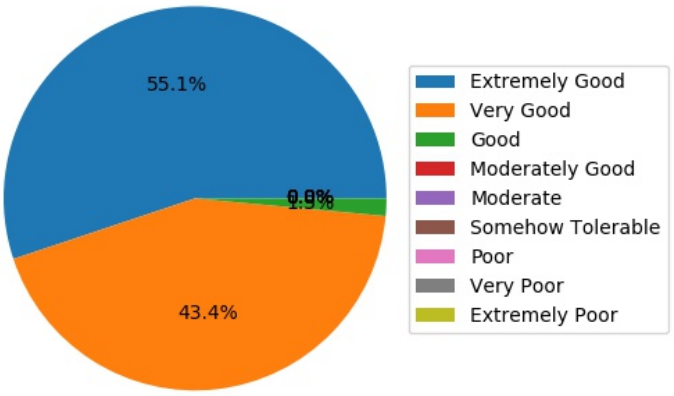


Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?

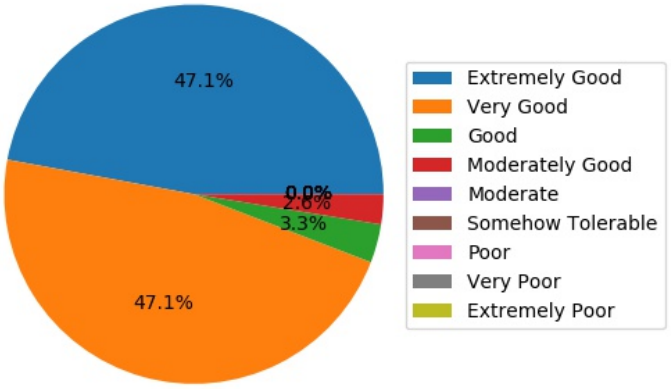


Structured feedback for design and review of syllabus

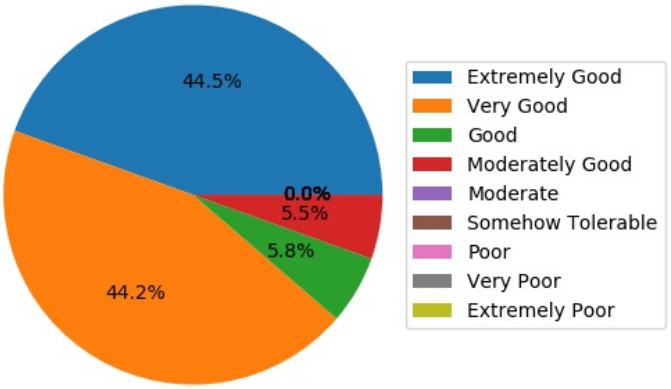
Academic Curriculum



Applicability/relevance to real life situations



Relevance/learning value of project/ report



Structured feedback for design and review of syllabus

Parent Feedback:

The parents' feedback was obtained on 8parameters 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 131 parent's feedback.The analysis of feedback is reported in Table 2.

Table 2 : Analysis of feedback from Parents 2017-18

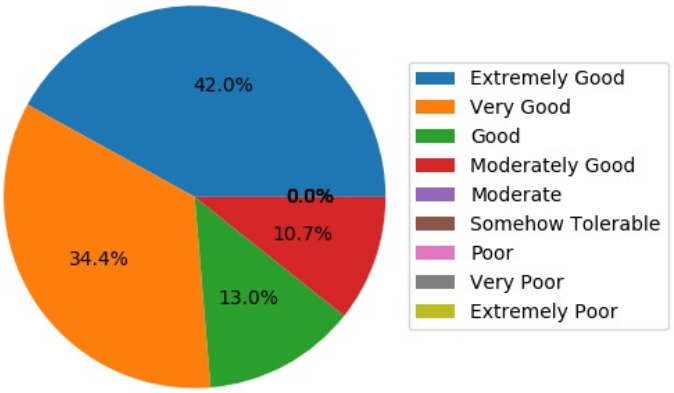
Q.No.	Curriculum Evaluation Points	Responses (in terms of percentage of parents)										Rating
		Extremely Good	Very Good	Good	Moderately Good	Moderate	Somehow Tolerable	Poor	Very Poor	Extremely Poor	Average Score	
1	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	41.98	34.35	12.98	10.69	0	0	0	0	0	8.08	Excellent
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	38.93	37.4	9.16	14.5	0	0	0	0	0	8.01	Excellent
3	Does the Curriculum satisfy the current industry requirement?	49.62	45.04	5.34	0	0	0	0	0	0	8.44	Excellent
4	Is the Curriculum compatible with the latest technology?	51.91	46.56	1.53	0	0	0	0	0	0	8.5	Excellent
5	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	44.27	38.93	11.45	5.34	0	0	0	0	0	8.22	Excellent
6	Applicability/relevance to real life situations	45.04	39.69	9.16	6.11	0	0	0	0	0	8.24	Excellent
7	Relevance/learning value of project/ report	46.56	35.88	14.5	3.05	0	0	0	0	0	8.26	Excellent
8	Overall rating	45.04	54.96	0	0	0	0	0	0	0	8.45	Excellent

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

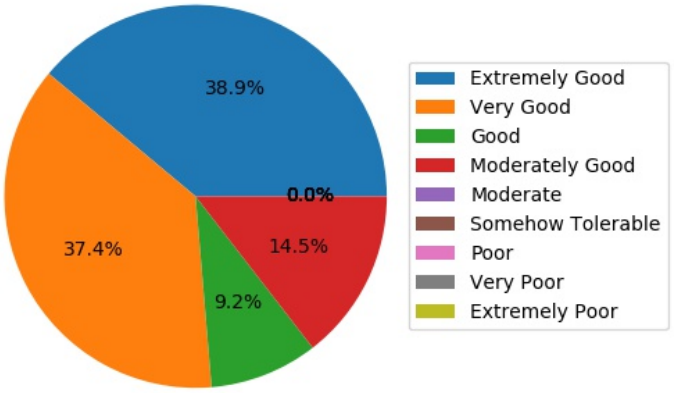
Structured feedback for design and review of syllabus

Table-2 shows that the highestaverage score (8.5) was provided to theparameter "Is the Curriculum compatible with the latest technology?" which indicates that the parents are satisfied with the curriculum. The parameter "Overall rating" has next largest average score (8.45). All parameters show average score as "Excellent".

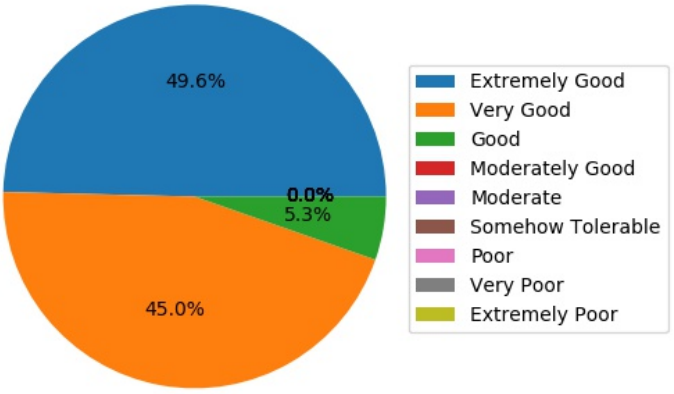
Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?



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



Does the Curriculum satisfy the current industry requirement?



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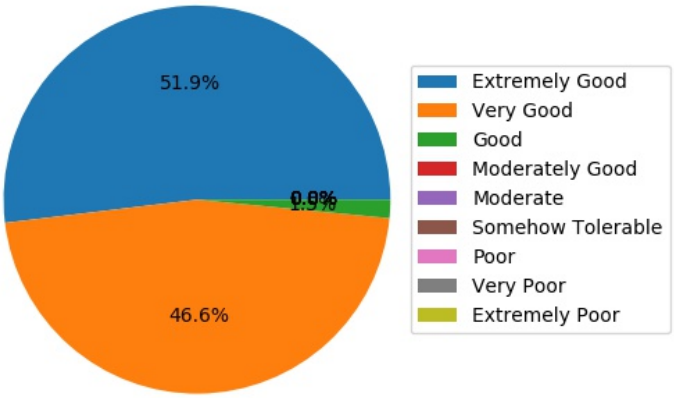
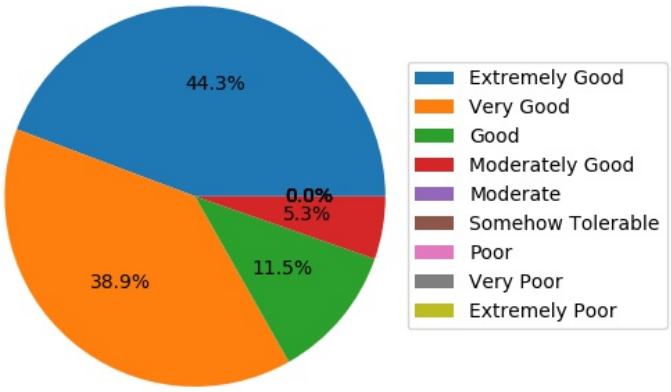
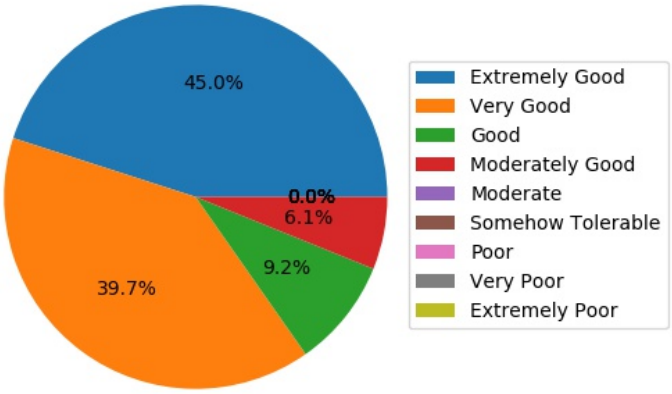
Is the Curriculum compatible with the latest technology?



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



Applicability/relevance to real life situations



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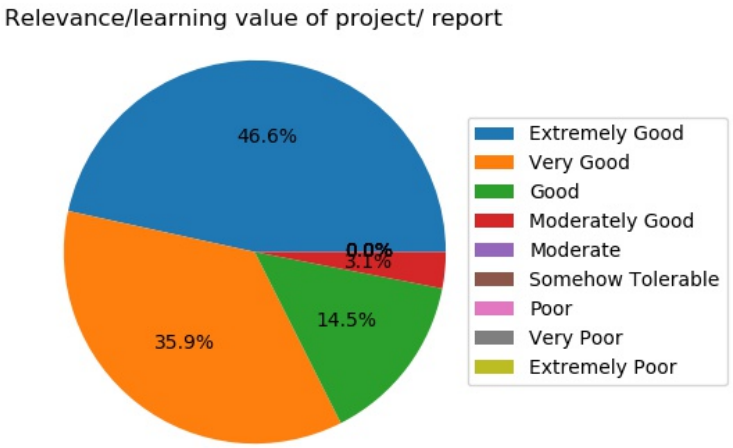
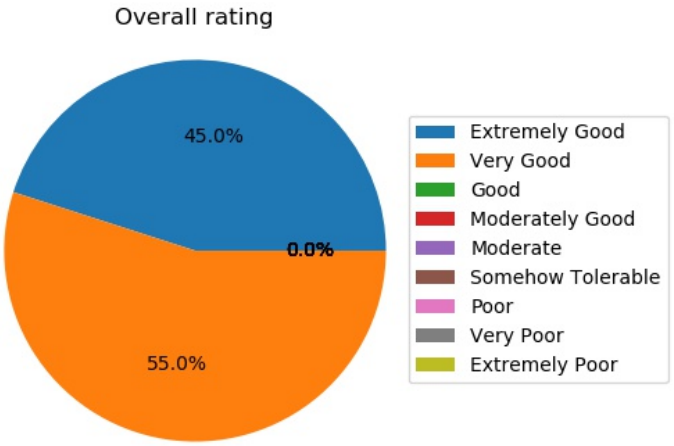




Teacher Feedback:

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 75 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 2017-18

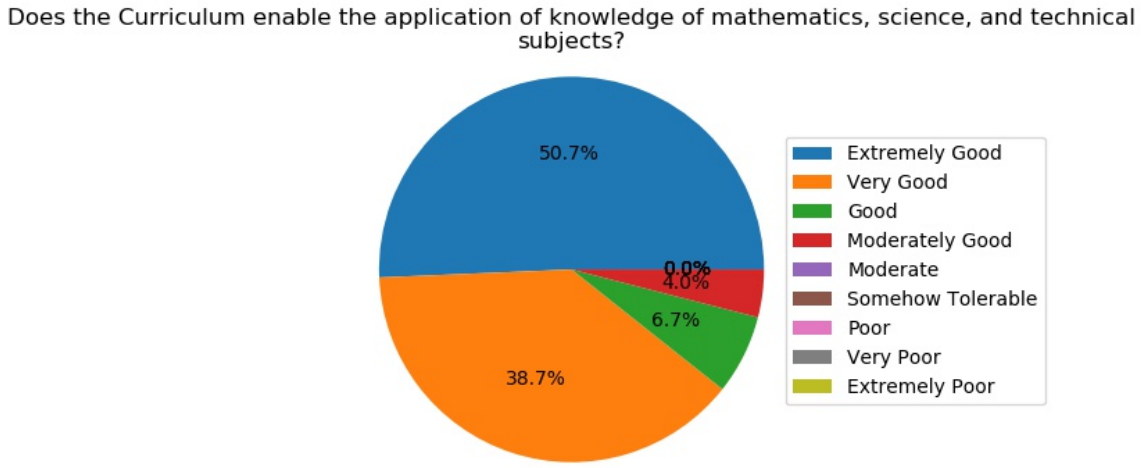
Q.No.	Curriculum Evaluation Points	Responses (in terms of percentage of teachers)										Rating
		Extremely Good	Very Good	Good	Moderately Good	Moderate	Somehow Tolerable	Poor	Very Poor	Extremely Poor	Average	
1	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	50.67	38.67	6.67	4	0	0	0	0	0	8.36	Excellent
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	50.67	38.67	5.33	5.33	0	0	0	0	0	8.35	Excellent
3	Does the Curriculum satisfy the current industry requirement?	42.67	48	6.67	2.67	0	0	0	0	0	8.31	Excellent
4	Is the Curriculum compatible with the latest technology?	46.67	50.67	2.67	0	0	0	0	0	0	8.44	Excellent
5	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	37.33	48	8	6.67	0	0	0	0	0	8.16	Excellent
6	Applicability/relevance to real life situations	40	49.33	6.67	4	0	0	0	0	0	8.25	Excellent
7	Relevance/learning value of project/ report	45.33	42.67	8	4	0	0	0	0	0	8.29	Excellent

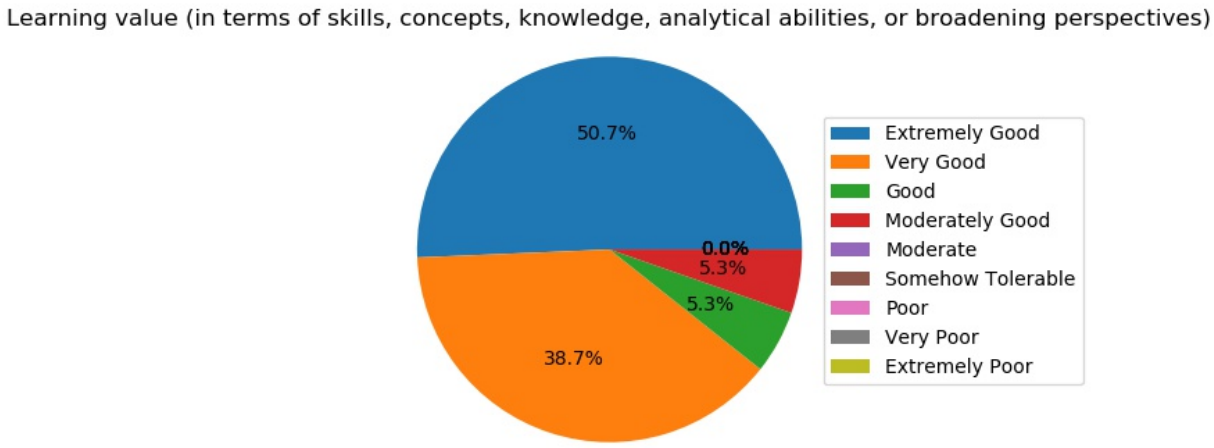
Structured feedback for design and review of syllabus

8	Overall rating	33.33	66.67	0	0	0	0	0	0	0	8.33	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 8.44 to parameter "Is the Curriculum compatible with the latest technology?". The parameter “Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?” shows score of 8.36 which is regarded as “Excellent”. All the other parameters also show “Excellent” rating. Overall the feedback from teachers on curriculum is excellent.





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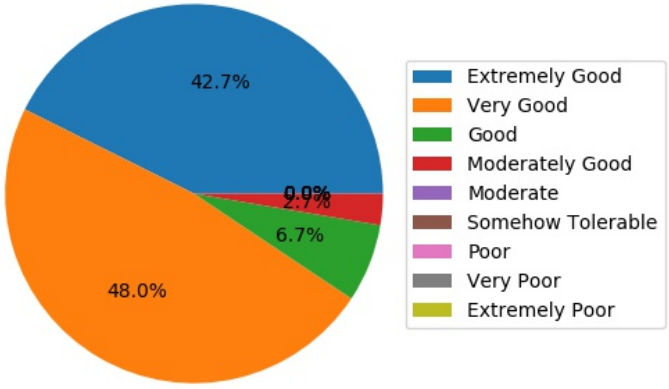
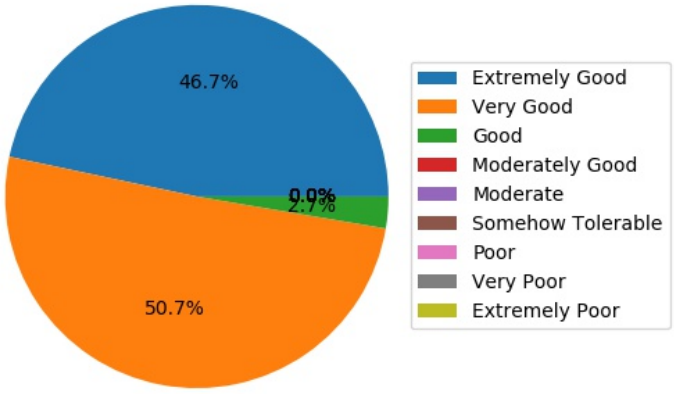
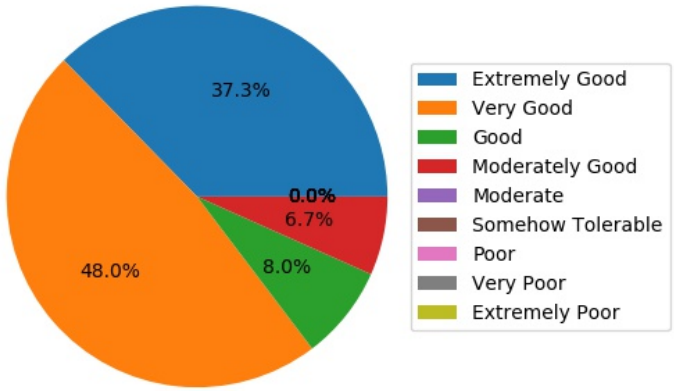
Does the Curriculum satisfy the current industry requirement?



Is the Curriculum compatible with the latest technology?



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



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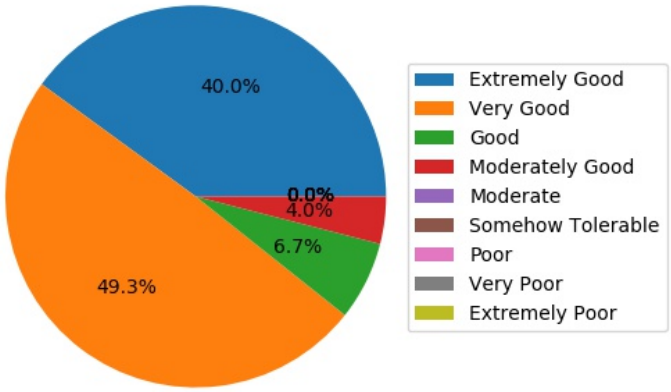
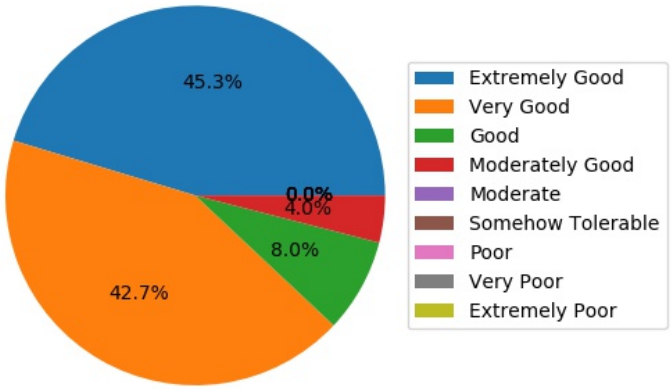
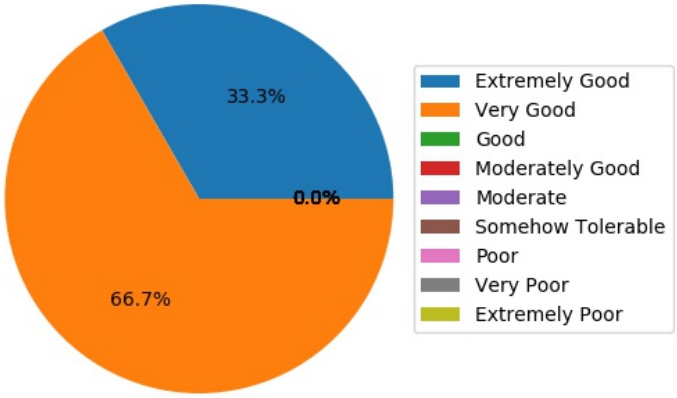
Applicability/relevance to real life situations



Relevance/learning value of project/ report



Overall rating



Structured feedback for design and review of syllabus

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 139 alumni online feedbacks. The findings of the alumni's feedback responses are reported in Table-4.

Table 4: Analysis of feedback from Alumni 2017-18

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?	51.08	41.01	5.04	2.88	0	0	0	0	0	8.4	Excellent
2	Learning value (in terms of skills, concepts, knowledge, analytical abilities, or broadening perspectives)	48.2	41.73	4.32	5.76	0	0	0	0	0	8.32	Excellent
3	Does the Curriculum satisfy the current industry requirement?	53.96	44.6	1.44	0	0	0	0	0	0	8.53	Excellent
4	Depth of the course content	51.08	44.6	1.44	2.88	0	0	0	0	0	8.44	Excellent
5	Is the Curriculum compatible with the latest technology?	43.17	37.41	13.67	5.76	0	0	0	0	0	8.18	Excellent
6	Does the curriculum enable a graduate to identify, formulate and solve problems using engineering knowledge?	43.88	41.73	9.35	5.04	0	0	0	0	0	8.24	Excellent
7	Academic Curriculum	48.92	36.69	10.07	4.32	0	0	0	0	0	8.3	Excellent
8	Applicability/relevance to real life situations	46.76	43.17	6.47	3.6	0	0	0	0	0	8.33	Excellent
9	Relevance/learning value of project/ report	43.88	37.41	15.83	2.88	0	0	0	0	0	8.22	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 (8.53).The parameter "Depth of the course content" shows score of 8.44 which indicate 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.

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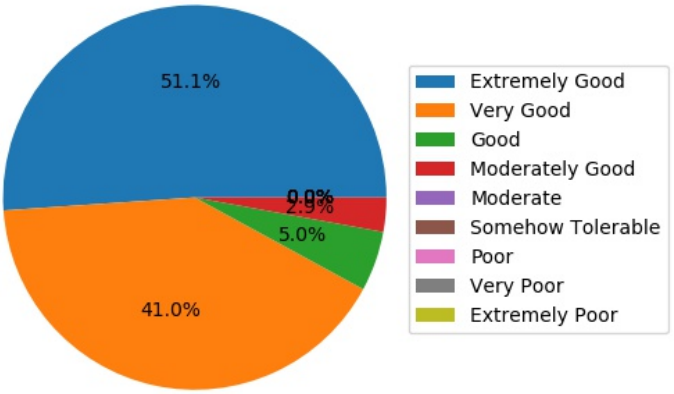
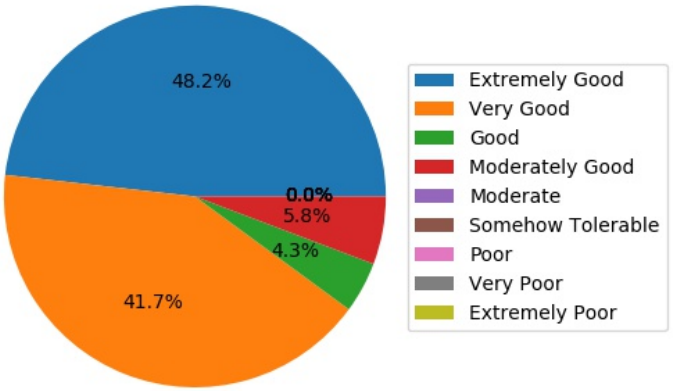
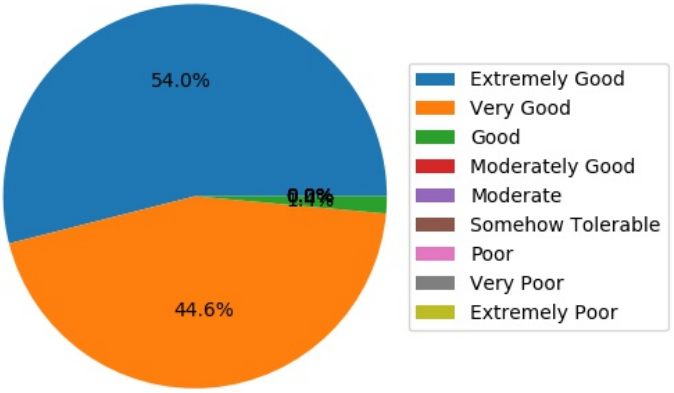
Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?



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

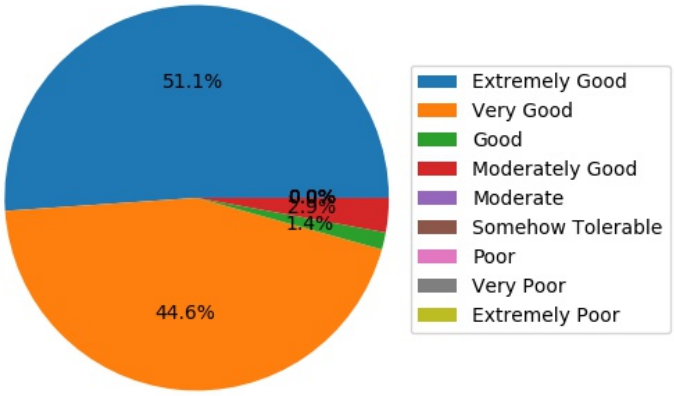


Does the Curriculum satisfy the current industry requirement?

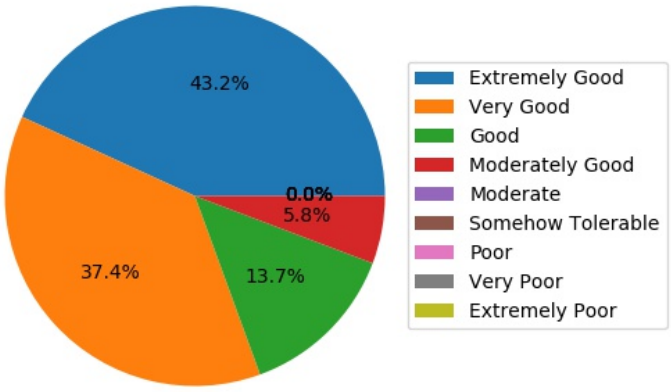


Structured feedback for design and review of syllabus

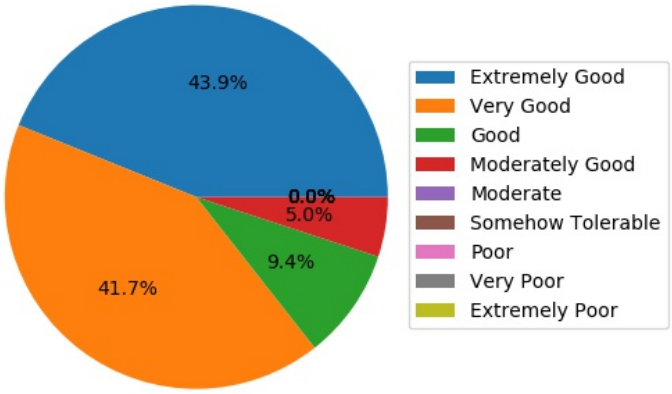
Depth of the course content



Is the Curriculum compatible with the latest technology?



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



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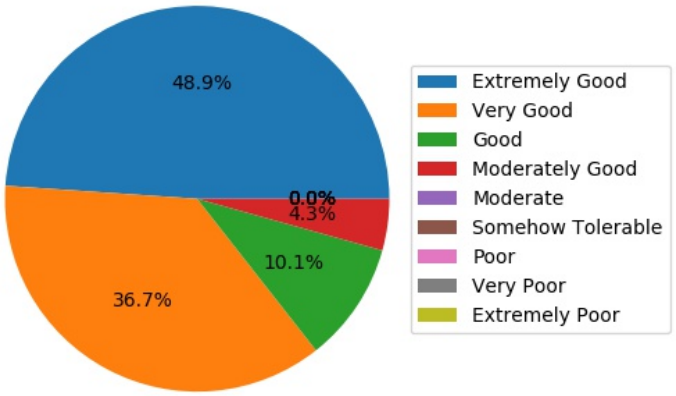
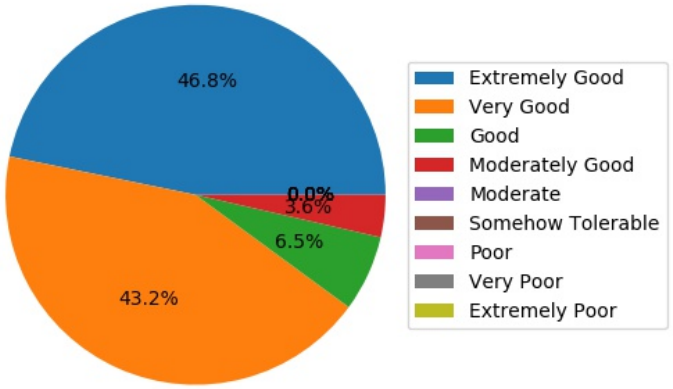
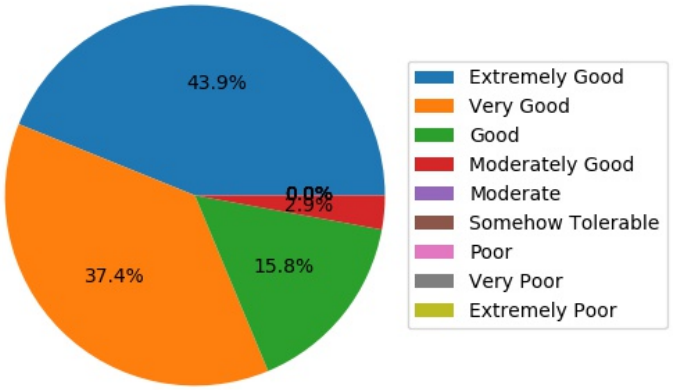
Academic Curriculum



Applicability/relevance to real life situations



Relevance/learning value of project/ report



Structured feedback for design and review of syllabus

Action Taken Report(ATR)on Feedback

Sl. No.	Recommendation Based on Feedback	Action Taken
1	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 where they apply engineering knowledge to solve problems.
2	Relevance/learning value of project/ report	✓ 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. ✓ Students are instructed to meet with their project supervisors periodically. ✓ Students are instructed to submit project progress report in every week.
3	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.
4	Does the Curriculum enable the application of knowledge of mathematics, science, and technical subjects?	✓ Students are motivated to solve real life problems by applying knowledge of mathematics, science and technical subjects ✓ Application based projects are allocated to final year students.