



**St. Joseph's College of Engineering  
OMR, Chennai  
Department of Mechanical Engineering**



**FEEDBACK ANALYSIS OF STAKEHOLDERS AND ACTION TAKEN REPORT  
ACADEMIC YEAR 2019-2020**

S. NO	STAKHOLDER	COUNT
1.	Students	100
2.	Faculty	36
3.	Alumni	15
4.	Employer	10
5.	Parents	30

  
**HOD/MECH**

Dr.S. ARIVAZHAGAN, M.E., Ph.D.,  
Professor & Head  
Department of Mechanical Engineering  
St. Joseph's College of Engineering  
Sholinganallur, Chennai-600 119.



**PRINCIPAL**  
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ST. JOSEPH'S COLLEGE OF ENGINEERING  
[A CHRISTIAN MINORITY INSTITUTION]  
JEPPIAAR EDUCATIONAL TRUST,  
OLD MAMALLAPURAM ROAD,  
CHENNAI-600 119.



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**ACADEMIC YEAR 2019-2020**

S.No	STAKEHOLDERS	Feedback	Action Taken
1.	<b>Students</b>	More analytical problems should be introduced in Core Subjects.	More analytical problems were introduced
2.	<b>Alumni</b>	Course which improves the skills of the students towards simulation of a problem can be introduced	Simulation and modeling subject was introduced to improve the skills of the students towards simulation of a problem
3.	<b>Employer</b>	Exposure to software is to be improved	Several add-on programmes were conducted and students got benefitted
4.	<b>Parents</b>	Parents expressed that updated information of students can be made available through message or by any other media	Mentors have sent progress report of his/her mentee after every internal test and entries are made in a separate register in the department to ensure dispatch of reports on time

  
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**Course Evaluation Feedback by Students**

**Academic year 2019-20**

**3<sup>rd</sup> Semester**

Sl. No.	Core Questions	%E	%VG	%G	%S	%NS
1	Course Content and Organisation	71.11	23.89	3.33	0.00	1.67
2	Interactive Participation	71.11	24.44	4.44	0.00	0.00
3	Learning Environment and Teaching Methods	62.12	29.84	5.73	0.66	1.66
4	Learning Resource	76.67	21.67	1.67	0.00	0.00
5	Quality of Delivery and Assessment	71.11	23.89	3.33	0.00	1.67

**4<sup>th</sup> Semester**

Sl. No.	Core Questions	%E	%VG	%G	%S	%NS
1	Course Content and Organisation	59.87	36.41	3.72	0.00	0.00
2	Interactive Participation	65.56	30.56	3.89	0.00	0.00
3	Learning Environment and Teaching Methods	65.56	30.56	3.89	0.00	0.00
4	Learning Resource	66.11	26.67	7.22	0.00	0.00
5	Quality of Delivery and Assessment	65.00	34.44	0.56	0.00	0.00

**5<sup>th</sup> Semester**

Sl. No.	Core Questions	%E	%VG	%G	%S	%NS
1	Course Content and Organisation	52.79	32.69	6.23	0.00	8.29
2	Interactive Participation	68.10	28.56	3.33	0.00	0.00
3	Learning Environment and Teaching Methods	68.10	28.56	3.33	0.00	0.00
4	Learning Resource	68.69	28.99	2.32	0.00	0.00
5	Quality of Delivery and Assessment	69.61	28.07	2.32	0.00	0.00



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**6<sup>th</sup> Semester**

Sl. No.	Core Questions	%E	%VG	%G	%S	%NS
1	Course Content and Organisation	52.78	40.14	7.08	0.00	0.00
2	Interactive Participation	86.11	7.22	6.67	0.00	0.00
3	Learning Environment and Teaching Methods	86.11	7.22	6.67	0.00	0.00
4	Learning Resource	78.89	20.00	1.11	0.00	0.00
5	Quality of Delivery and Assessment	88.89	11.11	0.00	0.00	0.00

**7<sup>th</sup> Semester**

Sl. No.	Core Questions	%E	%VG	%G	%S	%NS
1	Course Content and Organisation	51.61	36.89	11.32	0.17	0.00
2	Interactive Participation	53.75	31.25	11.25	3.75	0.00
3	Learning Environment and Teaching Methods	53.75	31.25	11.25	3.75	0.00
4	Learning Resource	70.00	20.00	10.00	0.00	0.00
5	Quality of Delivery and Assessment	38.75	37.50	23.75	0.00	0.00

**8<sup>th</sup> Semester**

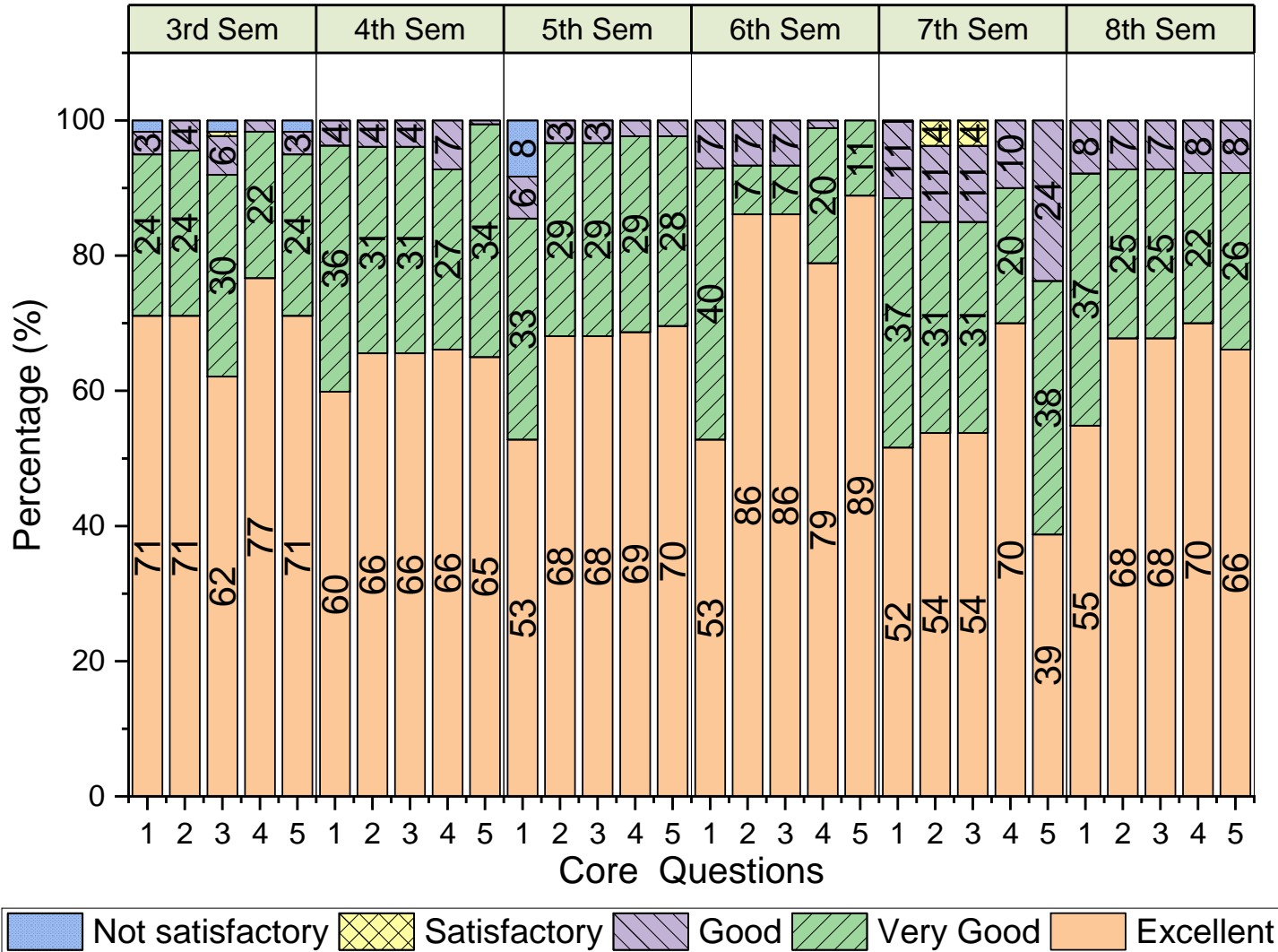
Sl. No.	Core Questions	%E	%VG	%G	%S	%NS
1	Course Content and Organisation	54.85	37.30	7.85	0.00	0.00
2	Interactive Participation	67.78	25.00	7.22	0.00	0.00
3	Learning Environment and Teaching Methods	67.78	25.00	7.22	0.00	0.00
4	Learning Resource	70.00	22.22	7.78	0.00	0.00
5	Quality of Delivery and Assessment	66.11	26.11	7.78	0.00	0.00

**Overall**

Sl. No.	Core Questions	%E	%VG	%G	%S	%NS
1	Course Content and Organisation	57.17	34.55	6.59	0.03	1.66
2	Interactive Participation	68.74	24.51	6.13	0.63	0.00
3	Learning Environment and Teaching Methods	67.24	25.41	6.35	0.74	0.28
4	Learning Resource	71.73	23.26	5.02	0.00	0.00
5	Quality of Delivery and Assessment	66.58	26.85	6.29	0.00	0.28



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**Student's Feedback:**

The College has obtained responses from both Quantitative and Qualitative data which indicated from moderate to high levels of satisfaction in the Quality of teaching and learning methodology, Course content & organization, Quality of delivery & Assessment. Many responses showed that students felt their teachers were/are knowledgeable, skilled, enthusiastic, committed, and prepared. Comments were also typically made concerning teacher's willingness and ability to employ effective teaching methods and incorporate various learning materials, resources and technologies into teaching that enhances student learning. Students reported that the resources in library is adequate and appropriate in their area of specialization. Students also reported that teachers provide prompt and comprehensive feedback on their academic work, treat students in a symbiotic manner, and are available when students require assistance.

**Feedback Analysis Report:**

- From the Analysis of student's feedback, it is observed that they are fulfilled with the curriculum framed
- It is reported that teaching methodology is more comfortable for them.
- Students felt that More analytical problems should be introduced in Core subjects relating current scenario.

  
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**Teacher's Feedback on Curriculum – Analysis**

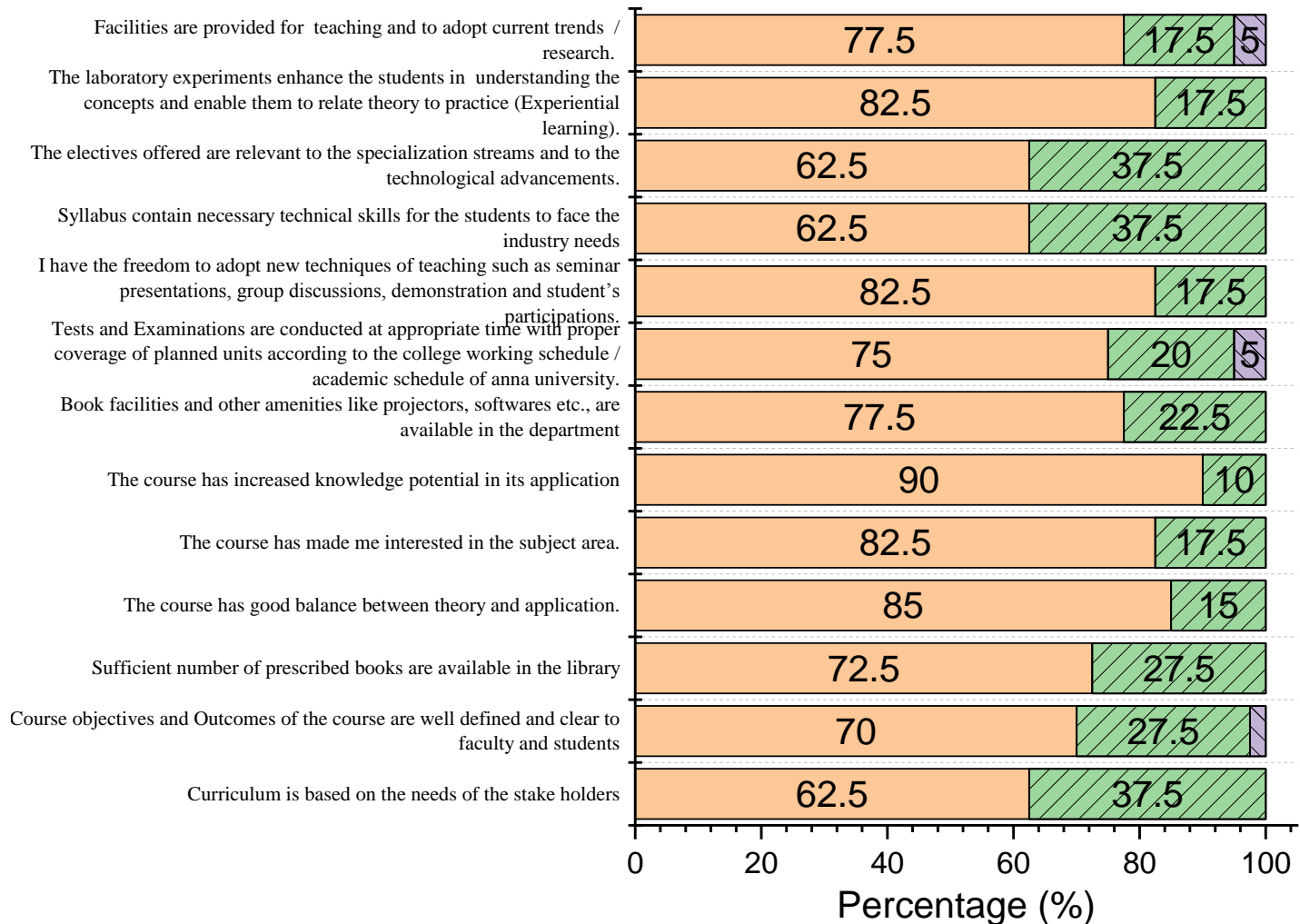
**Academic Year 2019 – 20**

Sl. NO.	Details	Teachers Perception				
		%E	%VG	%G	%S	%NS
1	Curriculum is based on the needs of the stake holders	62.5	37.5	0	0	0
2	Course objectives and Outcomes of the course are well defined and clear to faculty and students	70	27.5	2.5	0	0
3	Sufficient number of prescribed books are available in the library	72.5	27.5	0	0	0
4	The course has good balance between theory and application.	85	15	0	0	0
5	The course has made me interested in the subject area.	82.5	17.5	0	0	0
6	The course has increased knowledge potential in its application	90	10	0	0	0
7	Book facilities and other amenities like projectors, softwares etc., are available in the department	77.5	22.5	0	0	0
8	Tests and Examinations are conducted at appropriate time with proper coverage of planned units according to the college working schedule / academic schedule of anna university.	75	20	5	0	0
9	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration and student's participations.	82.5	17.5	0	0	0
10	Syllabus contain necessary technical skills for the students to face the industry needs	62.5	37.5	0	0	0
11	The electives offered are relevant to the specialization streams and to the technological advancements.	62.5	37.5	0	0	0
12	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	82.5	17.5	0	0	0
13	Facilities are provided for teaching and to adopt current trends / research.	77.5	17.5	5	0	0





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Not satisfactory
  Satisfactory
  Good
  Very Good
  Excellent





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**Teacher's Feedback on Curriculum:**

The College has made a practice to collect Teacher's feedback on various aspects such as curriculum, teaching and learning process ,expectation of the industries ,student placement, research and extension activities by conducting meetings once in start of the semester. Teachers are free to express their true opinion on all the above mentioned points. Based on the feedback obtained , Industrial visits, Value added courses, Guest lectures and student workshops are organised.

**Feedback Analysis Report:**

- The analysis showed that the teachers are fully satisfied with the framework of the curriculum.
- Suggestions given by teachers related to their subjects are noted down for further action.
- The concepts of energy auditing could be added somewhere in the curriculum

  
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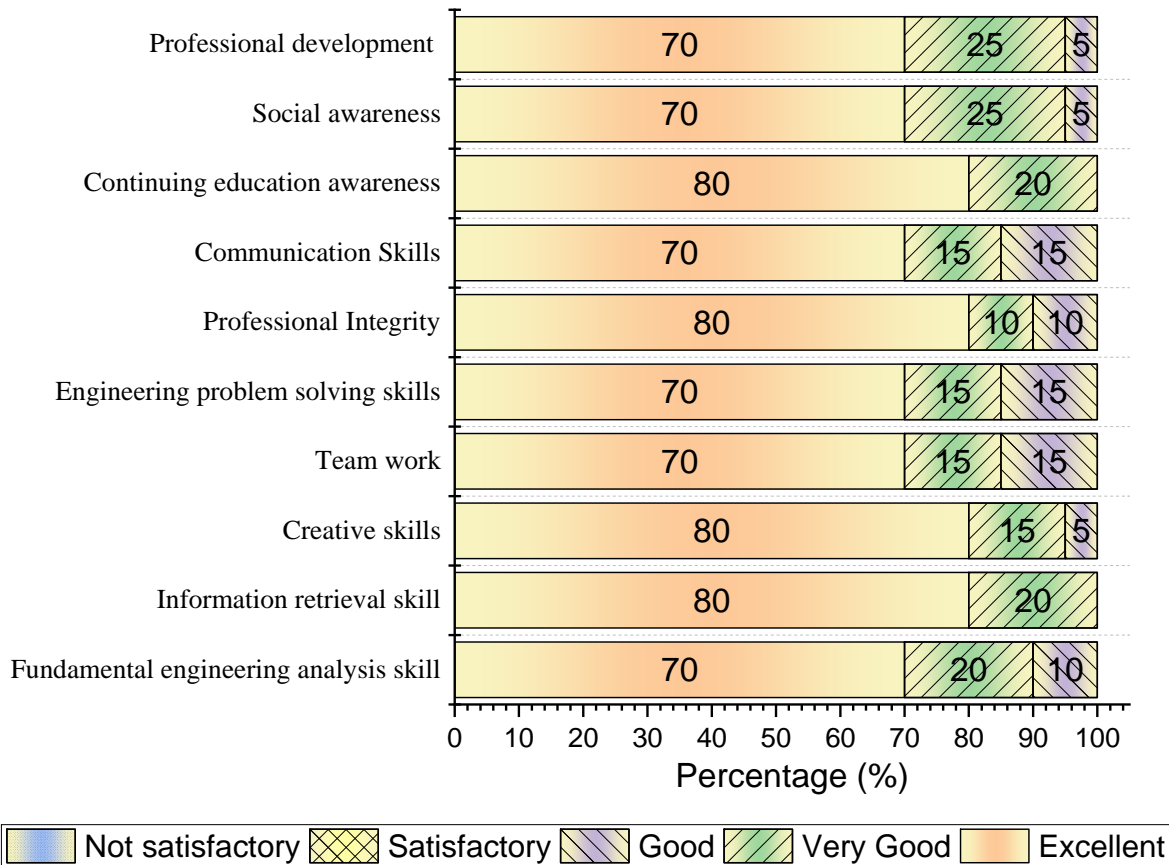
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**Exit Survey Report**

**2015 – 19 batch**

Sl. NO.	Details	%E	%VG	%G	%S	%NS
1	<b>Fundamental engineering analysis skill</b>	70	20	10	0	0
2	<b>Information retrieval skill</b>	80	20	0	0	0
3	<b>Creative skills</b>	80	15	5	0	0
4	<b>Team work</b>	70	15	15	0	0
5	<b>Engineering problem solving skills</b>	70	15	15	0	0
6	<b>Professional Integrity</b>	80	10	10	0	0
7	<b>Communication Skills</b>	70	15	15	0	0
8	<b>Continuing education awareness</b>	80	20	0	0	0
9	<b>Social awareness</b>	70	25	5	0	0
10	<b>Professional development</b>	70	25	5	0	0





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**Strength:**

- Placement Training programs.
- Dedicated Staff
- Good Hostel facilities.
- Satisfied with the mentor system
- In plant training was more useful in gaining the knowledge.
- Has good exposure to scenarios in industries.

**Weakness:**

- Need more courses which improves the skills of the students towards simulation of a problem.

  
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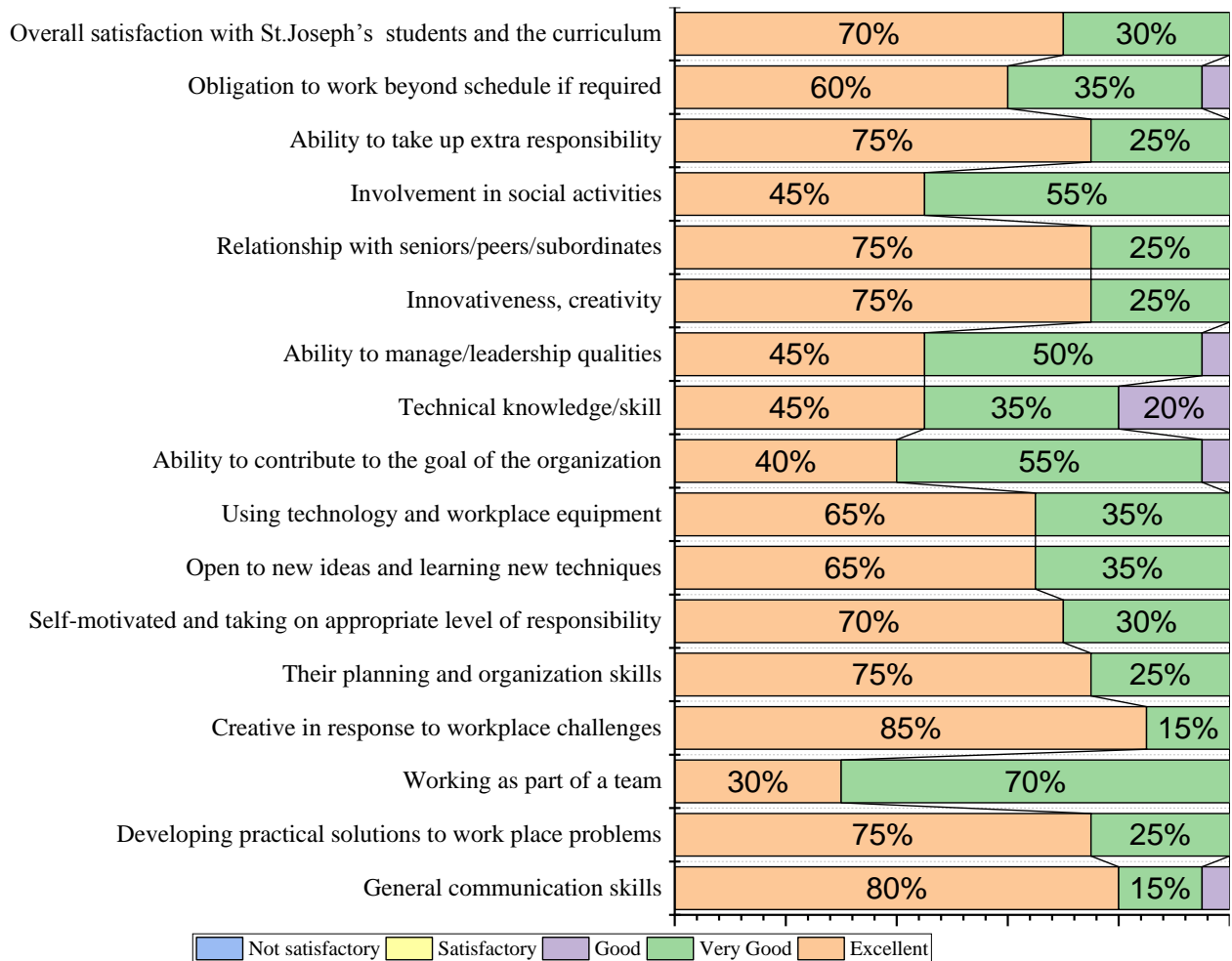
**Employer Feedback**

**2015 – 19 batch**

<b>Sl. NO.</b>	<b>Details</b>	<b>%E</b>	<b>%VG</b>	<b>%G</b>	<b>%S</b>	<b>%NS</b>
1	General communication skills	80	15	5	0	0
2	Developing practical solutions to work place problems	75	25	0	0	0
3	Working as part of a team	30	70	0	0	0
4	Creative in response to workplace challenges	85	15	0	0	0
5	Their planning and organization skills	75	25	0	0	0
6	Self-motivated and taking on appropriate level of responsibility	70	30	0	0	0
7	Open to new ideas and learning new techniques	65	35	0	0	0
8	Using technology and workplace equipment	65	35	0	0	0
9	Ability to contribute to the goal of the organization	40	55	5	0	0
10	Technical knowledge/skill	45	35	20	0	0
11	Ability to manage/leadership qualities	45	50	5	0	0
12	Innovativeness, creativity	75	25	0	0	0
13	Relationship with seniors / peers / subordinates	75	25	0	0	0
14	Involvement in social activities	45	55	0	0	0
15	Ability to take up extra responsibility	75	25	0	0	0
16	Obligation to work beyond schedule if required	60	35	5	0	0
17	Overall satisfaction with St.Joseph's students and the curriculum	70	30	0	0	0



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**Feedback report:**

- Curriculum to be updated towards current trend.
- Employers generally felt that communication skills are good with our students and require improvement in technical knowledge.
- Students can be trained to improve programming skills.
- Students need to made aware that programming knowledge is a must requirement to sustain in core companies.
- Exposure to software is to be improved

**HOD/MECH**



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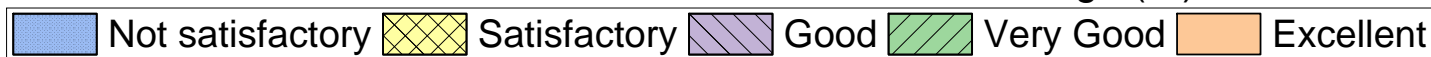
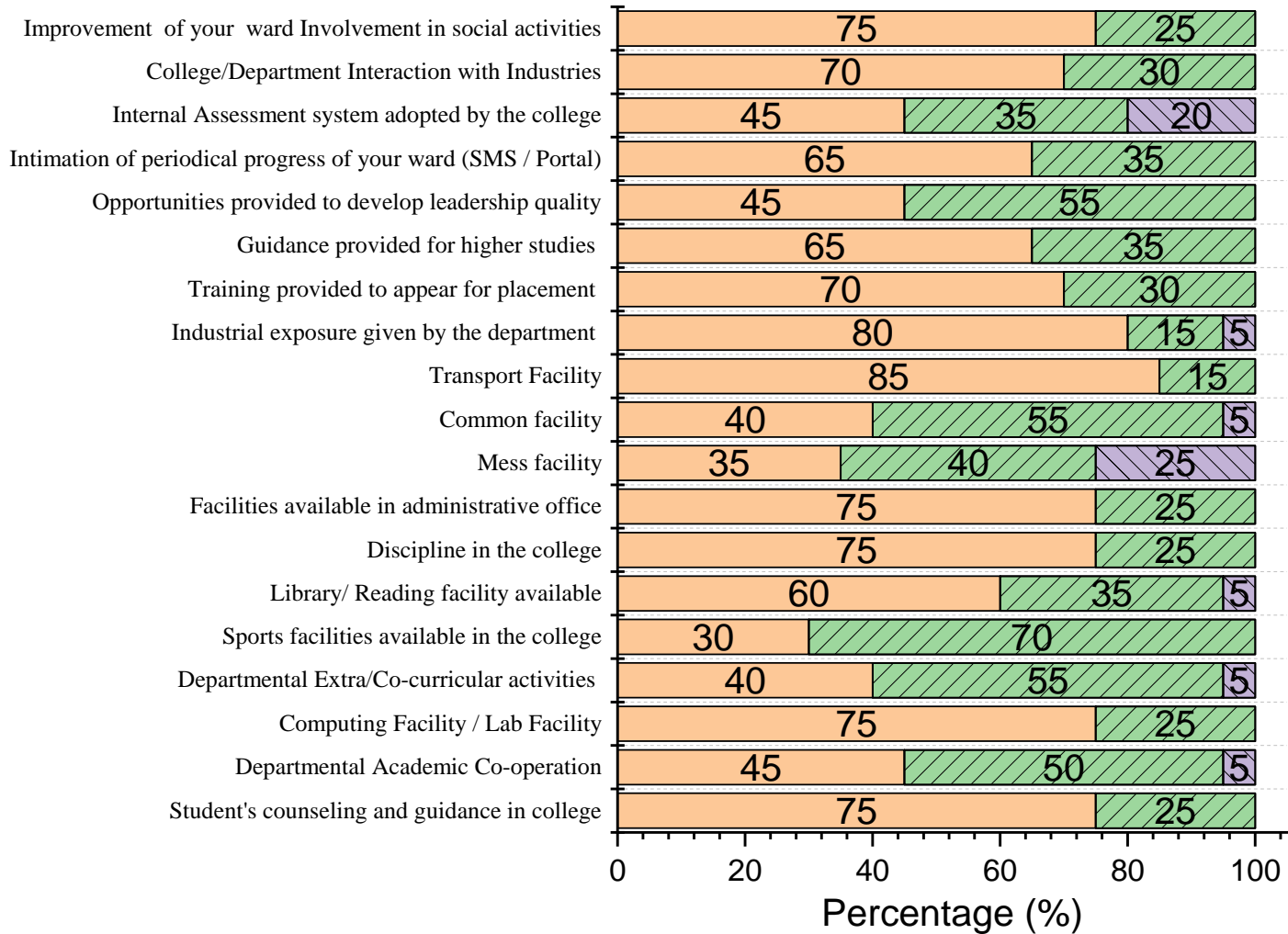
**Feedback Analysis of Parents**

2015 – 19 batch

Sl. NO.	Details	%E	%VG	%G	%S	%NS
1	Student's counselling and guidance in college	25	0	0	0	0
2	Departmental Academic Co-operation	45	50	5	0	0
3	Computing Facility / Lab Facility	75	25	0	0	0
4	Departmental Extra/Co-curricular activities	40	55	5	0	0
5	Sports facilities available in the college	30	70	0	0	0
6	Library/ Reading facility available	60	35	5	0	0
7	Discipline in the college	75	25	0	0	0
8	Facilities available in administrative office	75	25	0	0	0
9	Mess facility	35	40	25	0	0
10	Common facility	40	55	5	0	0
11	Transport Facility	85	15	0	0	0
12	Industrial exposure given by the department	80	15	5	0	0
13	Training provided to appear for placement	70	30	0	0	0
14	Guidance provided for higher studies	65	35	0	0	0
15	Opportunities provided to develop leadership quality	45	55	0	0	0
16	Intimation of periodical progress of your ward (SMS / Portal)	65	35	0	0	0
17	Internal Assessment system adopted by the college	45	35	20	0	0
18	College/Department Interaction with Industries	70	30	0	0	0
19	Improvement of your ward Involvement in social activities	75	25	0	0	0



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**Analysis Report:**

The feedback report showed that the parents are completely satisfied with the infrastructure of the college. It also proves that they are satisfied with the curriculum and knowledge transferred to their wards.

**Feedback report:**

- Curriculum to be updated towards current trend.
- Parents expressed that the in plant training can be arranged from department.
- Soft skill training needs to be given to students.
- Industrial Visits and Guest lectures arranged were more useful for their wards to make updated with the current trend.

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