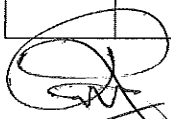


St Joseph's College of Engineering
Old Mamallapuram Road, Chennai – 119
Department of Chemical Engineering
Academic Year 2016-17

Feedback Analysis of Stakeholders on curriculum and Actions Taken Report

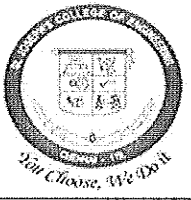
S.NO	Stakeholder	Feedback	Actions Taken
1.	Student	Faculty-student interaction may be enhanced. Smart class programmes may be made effective.	Learning management system through interactive activities which enables the mutual interaction between faculty and student was encouraged. Smart Class rooms, video conferencing was made effective.
2.	Teacher	Case study approach may be introduced. Group assignments and projects to be given. Refresher course to enrich the learning experience of the faculty may be organized.	Case study assignments were given to the students. This helped them to acquire problem solving skills. Group assignments and projects were given. Interdepartmental projects were carried
3.	Alumni	Interactive learning needs to be implemented. Slow learners require extra time for studies.	Think pair share, NPTEL videos is shared to students. Remedial Classes has been conducted during study holidays.
4.	Employers	Rapport between faculty and students should be strengthened. Organizational skills of the students must be improved.	Mentoring Process Technical Fest
5.	Parents	Focus more on research-based teaching. Learning strategies to expose the students the latest developments in research.	Departments organized talks by industrial experts and alumni. Industrial and research exposure in various research institutions were provided.


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CHENNAI-600 119.



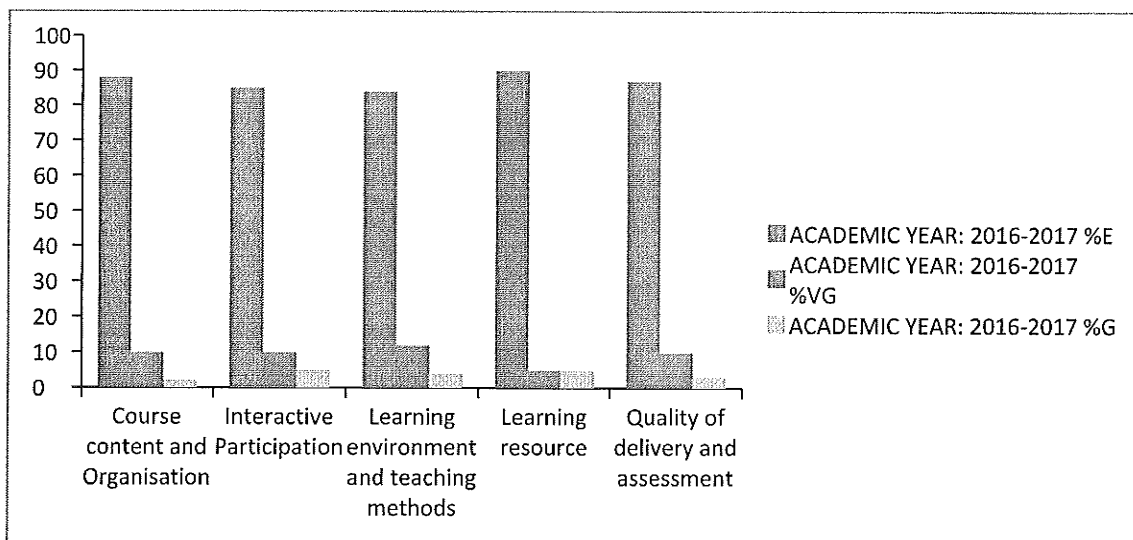
**St. Joseph's College of Engineering
OMR, Chennai
Department of Chemical Engineering**

COURSE EVALUATION –FEEDBACK BY STUDENT

SAMPLE REPORT

ACADEMIC YEAR: 2016-2017

CORE QUESTIONS	%E	%VG	%G	%S	%NS
Course content and Organisation	88	10	2	0	0
Interactive Participation	85	10	5	0	0
Learning environment and teaching methods	84	12	4	0	0
Learning resource	90	5	5	0	0
Quality of delivery and assessment	87	10	3	0	0



Students' Feedback

The college has obtained feedback on curriculum from students through questionnaire which contains the following major aspects such as Course content & Organisation, Interactive participation, Learning environment & teaching methods, Learning resource and Quality of delivery and assessment. Totally 100 students gave their feedback on curriculum for the academic year 2016-2017. 88% of the students population agreed that the allocation of course content is appropriate in affiliation to the level of course content is very much appropriate to the programme. Majority of the students strongly agreed that the interactions by teachers with students are more feasible and reliable. Around 84% of the students agreed that they are equipped with necessary teaching methods required for their programme. It is observed that 90% of the students agreed that the provision for learning resource in library was adequate and appropriate with their respective field of specialization areas. The feedback revealed that 87% of them are strongly agreed about the quality of delivery and the internal assessment for the specified programme. Some students are suggested that it would be helpful if the certification course with hands on training can be included as a part of the curriculum.

Feedback analysis report

- ✚ From the analysis of the students' feedback it is revealed that they are satisfied with the curriculum framed.
- ✚ It is reported by the students that the teaching methods are more feasible.

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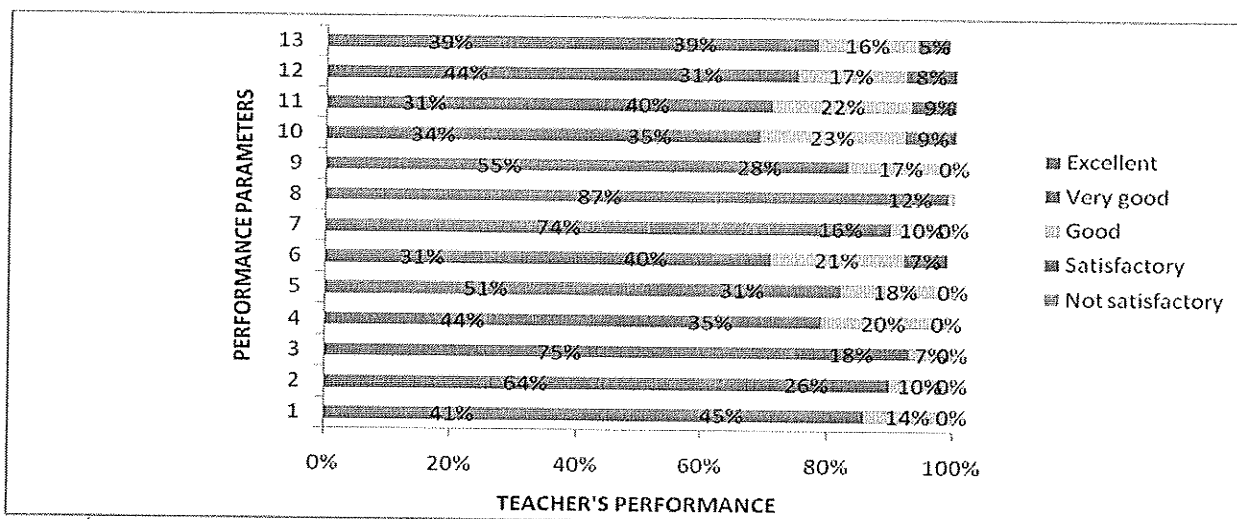
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Form-II
St. JOSEPH'S COLLEGE OF ENGINEERING
Department of Chemical Engineering
TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS
Academic Year: 2016-17

Grade : 5-Excellent, 4-Very Good, 3- Good, 2- Satisfactory, 1- Not satisfactory

S. No	Details	5	4	3	2	1
1.	Curriculum is based on the needs of the stake holders	41%	45%	14%	0%	0%
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	64%	26%	10%	0%	0%
3.	Sufficient number of prescribed books are available in the library	75%	18%	7%	0%	0%
4.	The course has good balance between theory and application.	44%	35%	20%	0%	0%
5.	The course has made me interested in the subject area.	51%	31%	18%	0%	0%
6.	The course has increased knowledge potential in its application	31%	40%	21%	7%	0%
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	74%	16%	10%	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.	87%	12%	6%	0%	0%
9.	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration and student's participations.	55%	28%	17%	0%	0%
10.	Syllabus contain necessary technical skills for the students to face the industry needs	34%	35%	23%	9%	0%
11.	The electives offered are relevant to the specialization streams and to the technological advancements.	31%	40%	22%	9%	0%
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	44%	31%	17%	8%	0%
13.	Facilities are provided for teaching and to adopt current trends / research.	39%	39%	16%	5%	0%




TEACHERS FEEDBACK ON CURRICULUM

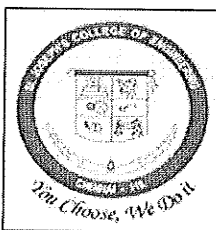
- The examination report of the educators' criticism uncovers that they are exceedingly happy with the structure of the educational modules.
- The proposals given by them identified with explicit subjects were noted for further activity.

The College follows a continuous review system of the curriculum. The functioning of various committees of the College strengthens the quality sustenance and enhancement measures to ensure the effective development of curricula. Curriculum is enriched through mini projects/ student conferences/symposiums and innovative club in the college. The College has made it a practice to conduct all faculty meeting, once in the starting of the semester, where the ways and means of enhancing the curriculum, academic discipline, Teaching Learning process and Research and Extension activities are discussed. During such meetings, the individual faculty members express their honest opinion on the curriculum; research and extension activities and the same would be debated and discussed. The appropriate suggestions are put forward to the respective councils for implementations. The faculty members get representations in the Board of Studies, Department Advisory Committee and Academic Council, where the staff members are getting ample opportunities to give feedback, on both curriculum and teaching learning process. Based on the feedback obtained, various industrial visits, guest lectures, value added courses and students workshops are organised to fill the gap in the curriculum.

Feedback analysis report:

- Flexible and Choice Based Credit System to learn soft core elective courses, professional elective courses and open elective courses offered across the departments.
- The analysis report of the teachers' feedback reveals that they are highly satisfied with the framework of the curriculum.
- Suggestions to include Design experiments in many laboratory courses thereby stimulating creativity and innovation in students.
- Courses on communication skills / Professional ethics / Environmental Engineering, and Employability Skills
- The suggestions given by them related to specific subjects were noted for further action.
- Training programs should be conducted to enhance the professional competency and teaching pedagogy of the Student.


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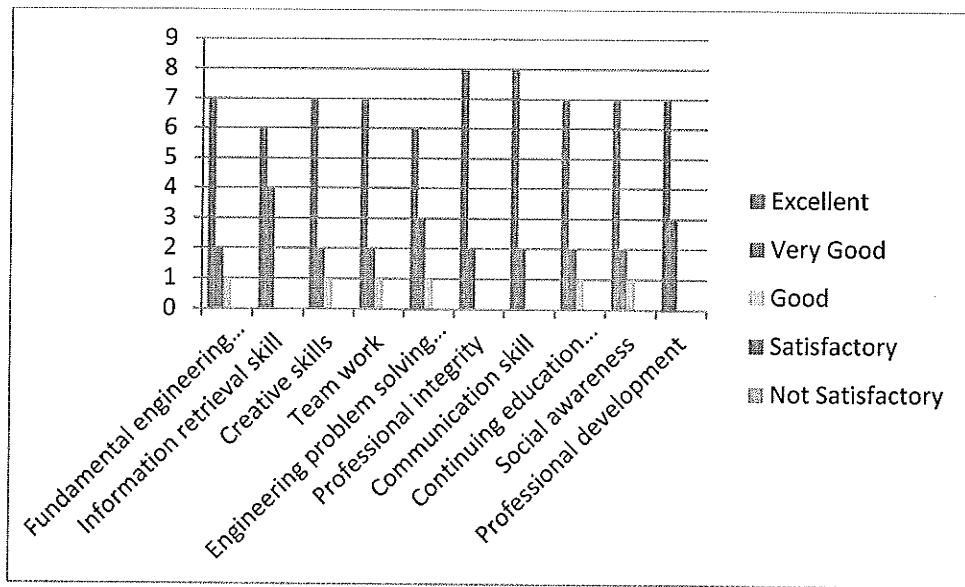


**St. Joseph's College of Engineering
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EXIT SURVEY ANALYSIS

Academic Year: 2016-2017

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	7	2	1	0	0
Information retrieval skill	6	4	0	0	0
Creative skills	7	2	1	0	0
Team work	7	2	1	0	0
Engineering problem solving skills	6	3	1	0	0
Professional integrity	8	2	0	0	0
Communication skill	8	2	0	0	0
Continuing education awareness	7	2	1	0	0
Social awareness	7	2	1	0	0
Professional development	7	3	0	0	0
Total	70	24	6	0	0




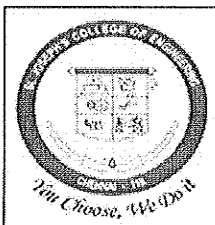
Strength

1. Dedicated staff.
2. Placement training programs.
3. Need updated syllabus regarding current scenario.
4. Online portal notes and previous year university question paper with solutions.
5. Good exposure about opportunities.

Weakness

1. Need updated syllabus regarding to current scenario.
2. Need more value added courses.
3. Additional classes for slow learners.
4. Need more industry interaction.


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**St. Joseph's College of Engineering
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ALUMNI SURVEY

Academic Year: 2016-17

Alumni feedback was obtained from nearly 150 alumni for the academic year 2017-18. The institution believes that the contribution of alumni is essential particularly in the development of the curriculum related activities. The feedback from the alumni reveals that 100% of them feel proud to be a part of the institution and are willing to contribute to the development of the institution. Majority of alumni rated the developmental activities rendered by the college for their overall Development as highly efficient. Student teacher relationship, 90% of them rated that as highly efficient. While expressing their view on the career guidance and counselling as well as placement cell, 100% of them agreed that ample on campus and off campus opportunities were provided. The overall strength and weakness of the department from the alumni are summarized below.

Strength

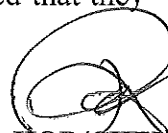
1. Good academics.
2. Well qualified faculty members.
3. Well planned academic schedule.
4. Placement training.
5. Good exposure towards program.
6. Faculties take effective care for improving student's education.

Weakness

1. Separate online NPTEL classes.
2. Mini projects have to be included in the curriculum.
3. Interactive learning needs to be implemented.
4. Additional classes for slow learners.
5. Need more industry interaction.
6. Mini projects have to be included in the curriculum.

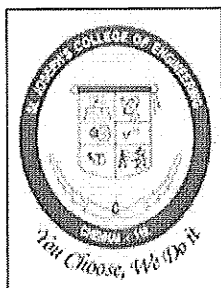
Feedback analysis report

From the alumni feedback analysis report, it is evident that majority (100%) of the alumni is happy and proud to be a part of this institution and they agreed that they would recommend their friends and relatives to enroll in this institution.



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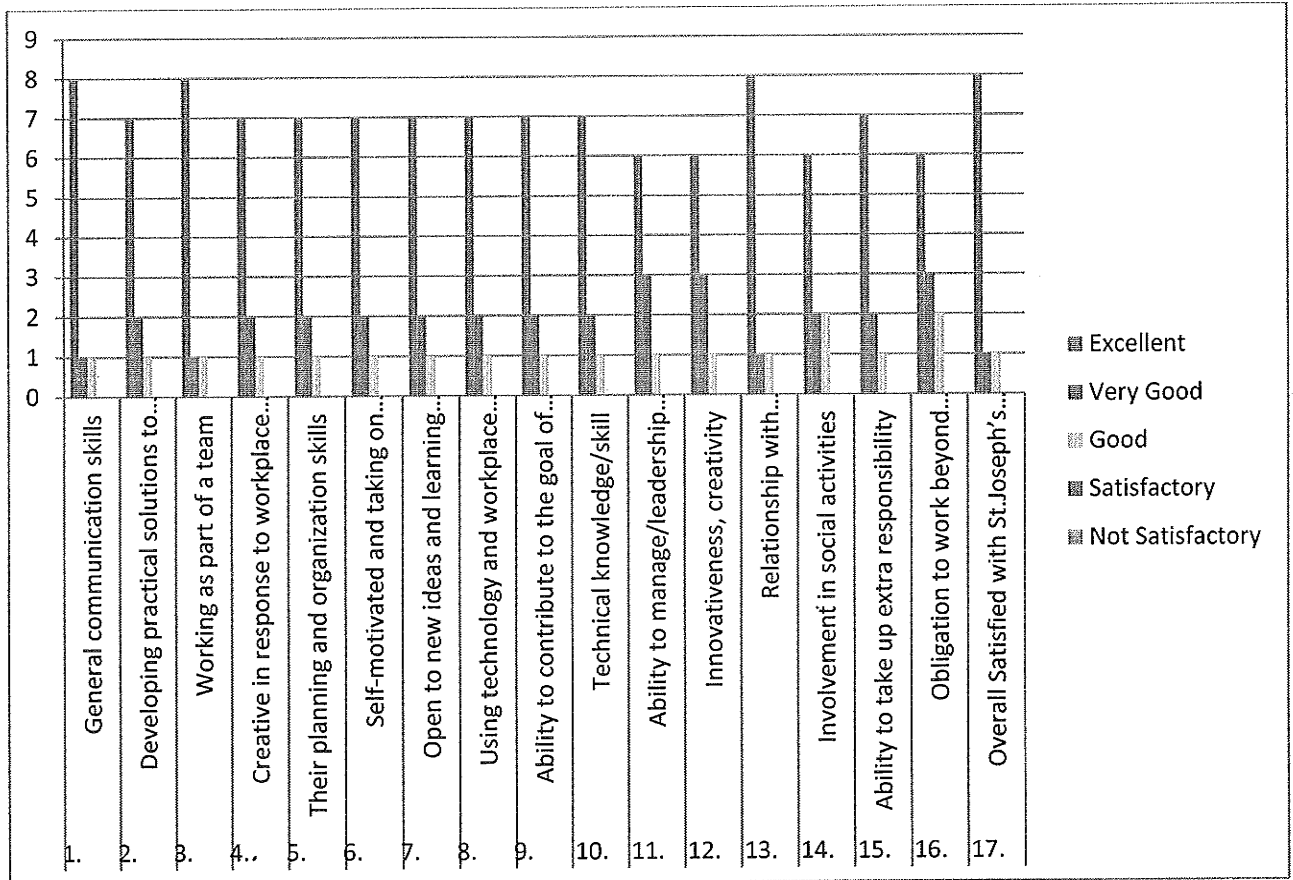


ST. JOSEPH'S COLLEGE OF ENGINEERING
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DEPARTMENT OF CHEMICAL ENGINEERING

EMPLOYER FEEDBACK ANALYSIS

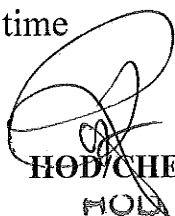
ACADEMIC YEAR: 2016-2017

S.No	How satisfied are you with the employee/s (our student/s) work performance in each of these areas:	5	4	3	2	1
1.	General communication skills	8	1	1	0	0
2.	Developing practical solutions to work place problems	7	2	1	0	0
3.	Working as part of a team	8	1	1	0	0
4.	Creative in response to workplace challenges	7	2	1	0	0
5.	Their planning and organization skills	7	2	1	0	0
6.	Self-motivated and taking on appropriate level of responsibility	7	2	1	0	0
7.	Open to new ideas and learning new techniques	7	2	1	0	0
8.	Using technology and workplace equipment	7	2	1	0	0
9.	Ability to contribute to the goal of the organization	7	2	1	0	0
10.	Technical knowledge/skill	7	2	1	0	0
11.	Ability to manage/leadership qualities	6	3	1	0	0
12.	Innovativeness, creativity	6	3	1	0	0
13.	Relationship with seniors/peers/subordinates	8	1	1	0	0
14.	Involvement in social activities	6	2	2	0	0
15.	Ability to take up extra responsibility	7	2	1	0	0
16.	Obligation to work beyond schedule if required	6	3	2	0	0
17.	Overall Satisfied with St. Joseph's students and curriculum	8	1	1	0	0



Feedback

- Students need to be given more training to get job in campus placement
- Basic updates in technology can be shared from time to time


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Form VIII

St. JOSEPH'S COLLEGE OF ENGINEERING
OMR, CHENNAI -600 119
Department of Chemical Engineering
PARENT FEEDBACK

Vision of Department

To provide knowledge centered education that continually responds to changing realities in the field of Chemical Engineering.

Mission of Department

- To establish academic integrity so as to inculcate the professional skills to compete in global environments.
- To enrich the Chemical Engineering knowledge through research & innovation.
- To hone the skills of students to succeed in Chemical Industry.

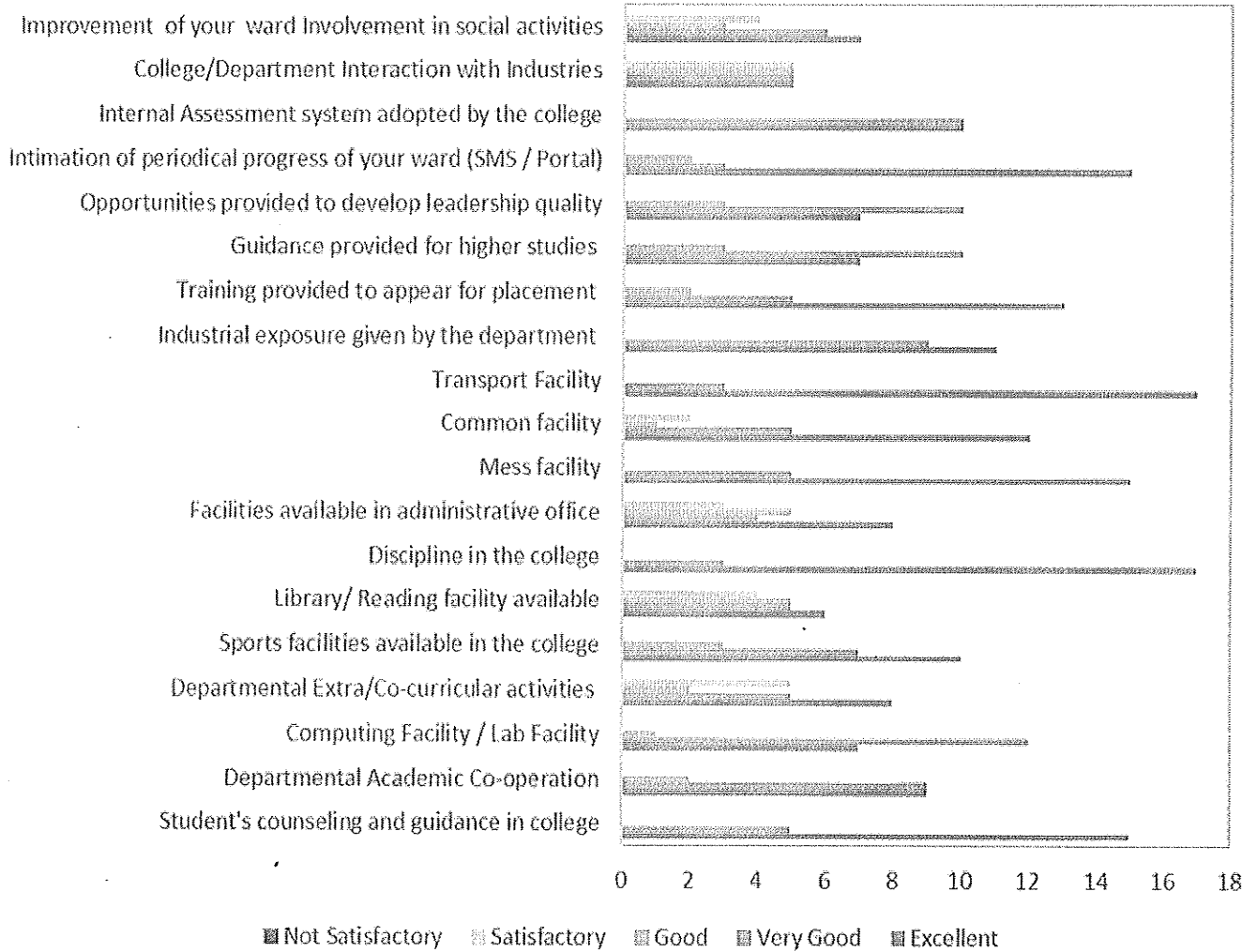
FEEDBACK ANALYSIS OF PARENTS

S.No.	Particulars	Grading				
		5	4	3	2	1
1.	Student's counseling and guidance in college	23	10	2	0	0
2.	Departmental Academic Co-operation	20	12	1	2	0
3.	Computing Facility / Lab Facility	19	14	1	1	0
4.	Departmental Extra/Co-curricular activities	20	15	0	0	0
5.	Sports facilities available in the college	12	9	9	5	0
6.	Library/ Reading facility available	20	5	5	0	5
7.	Discipline in the college	17	11	2	5	0
8.	Facilities available in administrative office	7	4	5	9	10
9.	Mess facility	25	10	0	0	0
10.	Common facility	10	7	4	9	5
11.	Transport Facility	25	3	2	5	0
12.	Industrial exposure given by the department	12	9	10	4	0
13.	Training provided to appear for placement	31	2	2	0	0
14.	Guidance provided for higher studies	12	10	12	0	0
15.	Opportunities provided to develop leadership quality	14	10	5	6	0
16.	Intimation of periodical progress of your ward (SMS / Portal)	22	4	5	4	0
17.	Internal Assessment system adopted by the college	19	14	2	0	0
18.	College/Department Interaction with Industries	12	9	10	4	0
19.	Improvement of your ward Involvement in social activities	7	4	4	5	15

Grade: 5-Excellent, 4-Very Good, 3- Good, 2- Satisfactory, 1- Not satisfactory (Use the following scale for grading)


Remark if any: (Please specify any changes required in syllabus or department or College)

2016-2017



FEEDBACK

- Students should be given more access to e-journals.
- Department related activities can be increased.
- College interaction with industries can be improved.
- Administrative facilities can be improved.

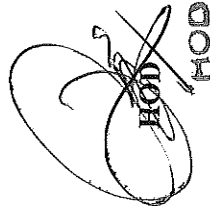

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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119
DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2016-2017 (ODD SEMESTER)

CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

II YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
MA6351	Transforms and Partial Differential Equations	Dr.Vallinayagam	95
EE6351	Electrical Drives and Controls	Ms.E.Srujana Ephrin	89
CH6301	Organic Chemistry	Mr.C.P.Savin	90
CH6302	Mechanics of Solids	Dr.N.Venkatesh	94
CH6303	Physical Chemistry	Mr.S.Vinod Kumar	91
CH6304	Fluid Mechanics	Dr.M.Palanisayappan	92


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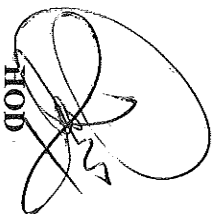
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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119
DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2016-2017 (ODD SEMESTER)
CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

III YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
MA6459	Numerical Methods	Ms. Arivukodi	90
CH6501	Instrumental Methods of Analysis	Ms. B. S. Rathi	91
CH6502	Chemical process Industries – II	Dr. S. Nachiappan	93
CH6503	Chemical Engineering Thermodynamics II	Ms. A. M. Aparna	91
CH6504	Heat Transfer	Dr. M. Palaniyappan	93
CH6505	Mass Transfer-I	Dr. R. Baskaran	95


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 DEPARTMENT OF CHEMICAL ENGINEERING
 ACADEMIC YEAR 2016-2017 (ODD SEMESTER)
 CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

IV YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH6701	Chemical Reaction Engg - II	Dr.S.Nachiappan	93
CH6702	Transport Phenomena	Ms.N.Deepa	92
CH6703	Chemical Process Plant Safety	Dr.R.Baskaran	95
CH6704	Process Economics	Dr.N.Venkatesh	94
CH6705	Biochemical Engineering	Ms.S.Prathiba	92
CH6009	Fertilizer Technology	Mr.C.P.Savin	90


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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119
 DEPARTMENT OF CHEMICAL ENGINEERING
 ACADEMIC YEAR 2016-2017 (EVEN SEMESTER)
 CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

II YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH6401	Chemical process Industries-I	Ms.B.S.Rathi	91
CH6402	Chemical Engineering Thermodynamics -I	Mr.S.Vinod Kumar	92
CH6403	Chemical Process Calculation	Dr.N.Venkatesh	94
CH6404	Mechanical Operations	Dr.M.Palaniyappan	93
GE6351	Environmental Science and Engineering	Mr.C.P.Savin ,Ms.Abhinaya.V.R	90
MA6468	Probability and Statistics	Ms.B.Shoba	90


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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119
DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2016-2017 (EVEN SEMESTER)
CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

III YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH6601	Energy Engineering	Ms.B.S.Rathi, Ms.A.M.Aparna	91
CH6602	Chemical Reaction Engineering -I	Dr.S.Nachiappan	93
CH6603	Mass Transfer-II	Dr.R.Baskaran	95
CH6604	Material science and Technology	Mr.C.P.Savin , Mr.M.Parthiban	92
CH6605	Process Instrumentation Dynamics and Control	Ms.A.M.Aparna	92
CH6001	Food Technology	Ms.N.Deepa	90


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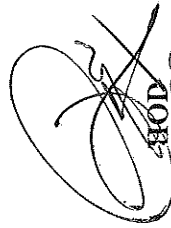


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 DEPARTMENT OF CHEMICAL ENGINEERING
 ACADEMIC YEAR 2016-2017 (EVEN SEMESTER)
 CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

IV YEAR

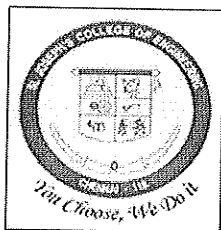
SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH6018	Process plant utility	Dr.R.Baskaran(A) Dr.S.Nachiappan(B) Mr.S.Vinod Kumar(C)	96
CH6013	Petroleum Technology	Dr.N.Venkatesh (A) Dr.M.Palaniyappan(B) Ms.N.Deepa(C)	96


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

**FEEDBACK RELATED TO INSTITUTE SUGGESTED BY STAKEHOLDERS/
ACTION TAKEN BY THE INSTITUTION**

ACADEMIC YEAR: 2016-2017

S.NO	STAKE HOLDERS FEEDBACK	ACTION TAKEN
1.	Must conduct workshop on different new upcoming technologies	Workshops conducted on ASPEN and Computational Fluid Dynamics
2.	Conduct more Placement training activity	Informed Placement & Training officers. MYSLATE ONLINE practice test has also been included from this academic year.
3.	Exposure to Practical knowledge is required	Students were provided platform to exhibit their practical knowledge through working model.

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