

St Joseph's College of Engineering
Old Mamallapuram Road, Chennai – 119
Department of Chemical Engineering
Academic Year 2015-16

Feedback Analysis of Stakeholders on curriculum and Actions Taken Report

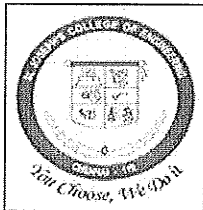
S.NO	Stakeholder	Feedback	Actions Taken
1.	Student	Syllabus should include practical based knowledge.	The practical based approach is implemented for some of the subjects by our staff members through special training.
2.	Teacher	Students must be encouraged to attend Internship program. Hands on training must be included.	Students advised to take up internship programs during vacations. Different programs are conducted for the students.
3.	Alumni	Industry oriented knowledge and learning scheme should be imparted. More time can be given for the students during practical sessions.	The industry oriented knowledge is improved by the students through internship programs. Practical hours are increased for the students for the effective utilization of the lab hours.
4.	Employers	Students must get better fundamental knowledge to improve their analytical skills. Updates on current technologies Students need to be trained properly to attend placement interview to get the campus placement.	Special classes are arranged for the students other than the regular classes to improve their understanding in the subjects. Students are advised to do certified courses in the emerging areas. The placement training program is conducted for the pre final year students during the vacation.
5.	Parents	Parents are not willing to come to the campus for paying the arrear fees. Need more leaves for the hostel students during the festival leaves.	Students are allowed to pay the arrear fee without their parents. Considered based on the academic schedule.

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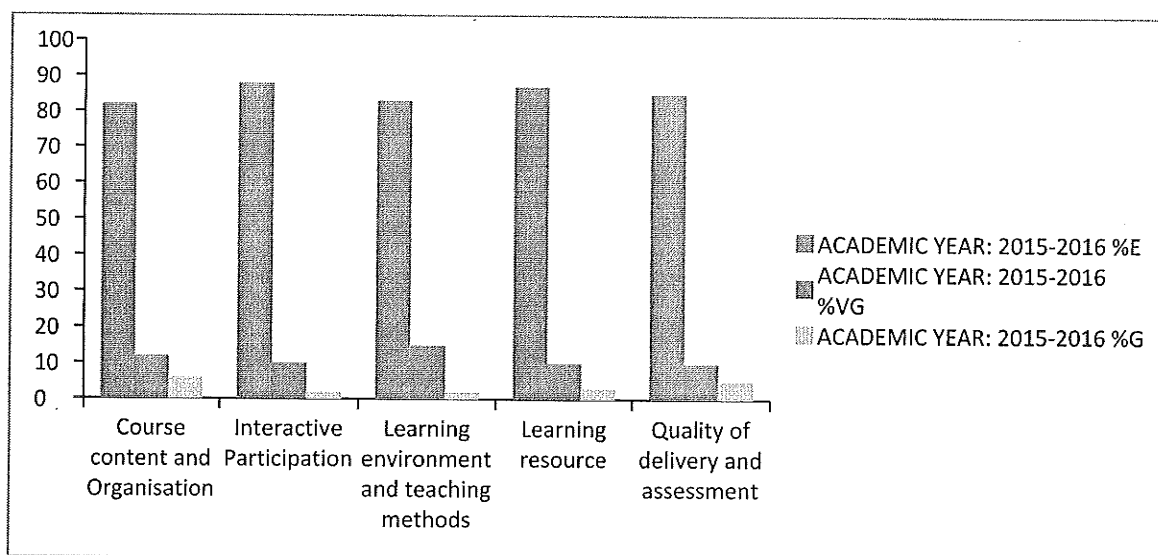
**St. Joseph's College of Engineering
OMR, Chennai
Department of Chemical Engineering**

COURSE EVALUATION –FEEDBACK BY STUDENT

SAMPLE REPORT

ACADEMIC YEAR: 2015-2016

CORE QUESTIONS	%E	%VG	%G	%S	%NS
Course content and Organisation	82	12	6	0	0
Interactive Participation	88	10	2	0	0
Learning environment and teaching methods	83	15	2	0	0
Learning resource	87	10	3	0	0
Quality of delivery and assessment	85	10	5	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 2015-2016. 82% of the students' population acknowledged that the allocation of course content is relevant in relation to the level of course content is very much relevant to the programme. Majority of the students strongly agreed that the synergy by teachers with students are more feasible and reliable. Around 83% of the students agreed that they are equipped with significant teaching methods required for their programme. It is observed that 87% of the students agreed that the groundwork for learning resource in library was acceptable and appropriate with their respective field of specialization areas. The feedback revealed that 85% of them are strongly agreed about the quality of delivery and the internal assessment for the stated 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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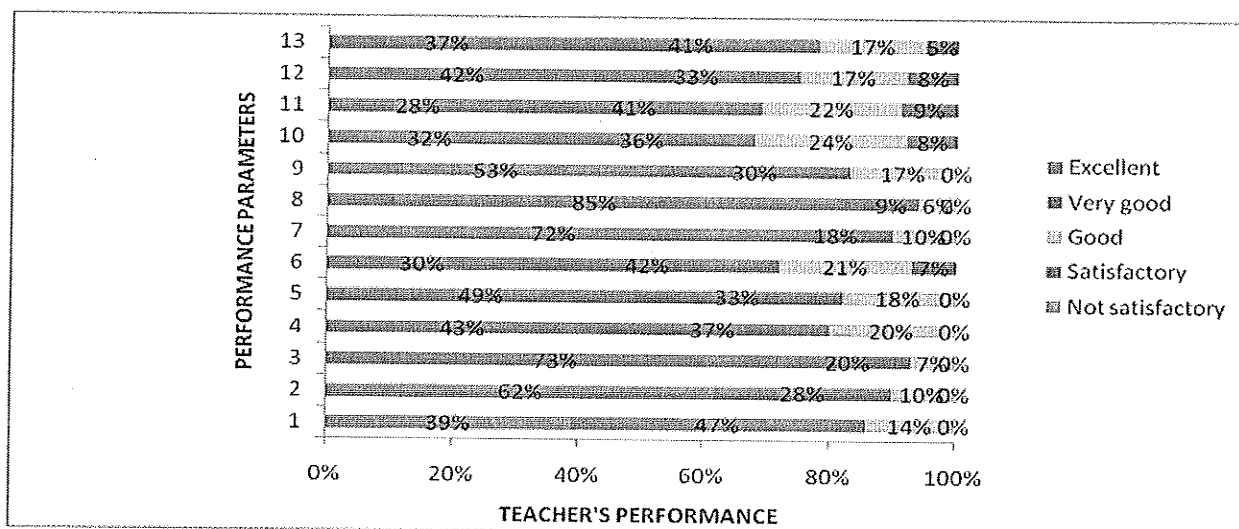
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Form-II
St. JOSEPH'S COLLEGE OF ENGINEERING
Department of Chemical Engineering
TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS
Academic Year: 2015-16

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	39%	47%	14%	0%	0%
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	62%	28%	10%	0%	0%
3.	Sufficient number of prescribed books are available in the library	73%	20%	7%	0%	0%
4.	The course has good balance between theory and application.	43%	37%	20%	0%	0%
5.	The course has made me interested in the subject area.	49%	33%	18%	0%	0%
6.	The course has increased knowledge potential in its application	30%	42%	21%	7%	0%
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	72%	18%	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.	85%	9%	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.	53%	30%	17%	0%	0%
10.	Syllabus contain necessary technical skills for the students to face the industry needs	32%	36%	24%	8%	0%
11.	The electives offered are relevant to the specialization streams and to the technological advancements.	28%	41%	22%	9%	0%
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	42%	33%	17%	8%	0%
13.	Facilities are provided for teaching and to adopt current trends / research.	37%	41%	17%	5%	0%



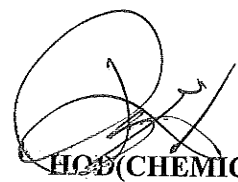
TEACHERS FEEDBACK ON CURRICULUM

- 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.

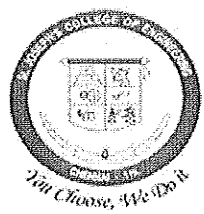
Feedback analysis report:

- 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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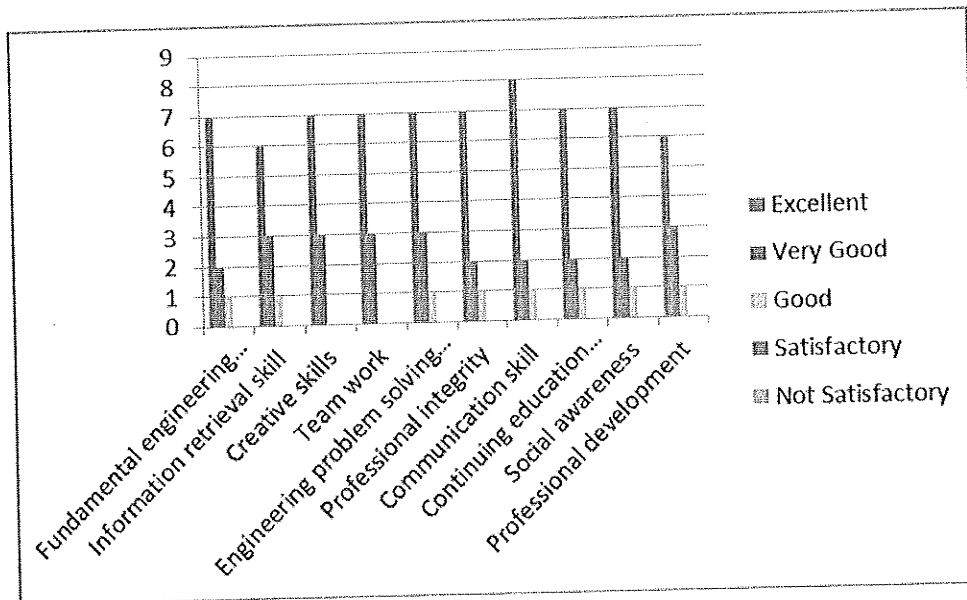


**St. Joseph's College of Engineering
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Department of Chemical Engineering**

EXIT SURVEY ANALYSIS

Academic Year: 2015-2016

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	7	2	1	0	0
Information retrieval skill	6	3	1	0	0
Creative skills	7	3	0	0	0
Team work	7	3	0	0	0
Engineering problem solving skills	7	3	1	0	0
Professional integrity	7	2	1	0	0
Communication skill	8	2	1	0	0
Continuing education awareness	7	2	1	0	0
Social awareness	7	2	1	0	0
Professional development	6	3	1	0	0
Total	69	25	8	0	0

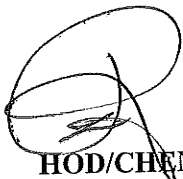


Strength

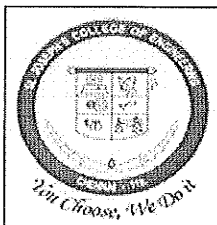
1. Efficient Staffs
2. Well Scheduled Placement training programs.
3. Guest Lectures increases the comprehensive knowledge about industries
4. Value added courses enhance the skills and knowledge for professional development.
5. ABHS provides guidance for higher studies and gives information about various abroad universities.

Weakness

1. Interactive learning needs to be implemented.
2. Need more industry interaction.
3. Mini projects have to be included in the curriculum.
4. Internships have to be included in curriculum


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**St. Joseph's College of Engineering
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Department of Chemical Engineering**

ALUMNI SURVEY

Academic Year: 2015-2016

The alumni feedback evolved for needs from both the ends, i.e. academicians and professionals, in the aim of building a bridge between college life and career life, so that the fresher graduates are made proactive to face the current challenges of competitive professional world. The institution believes that the feedback of alumni is essential particularly in the development of the curriculum related activities. The feedback from the alumni reveals that most of them feel proud to be a part of the institution and are willing to contribute to the development of the institution. The quality of education depended on the overall academic environment of the institution, a well-furnished and stocked library, Necessary computer facilities, and well-equipped labs are the infrastructural priorities. The quality education could come only if there were quality teachers who were good communicators. Approximately 80% of alumni said that overall quality of college education is excellent, 10% student rate as very good and 10% of student rate as good. Approximately , 75% of alumni rated that overall quality of programme at this college is excellent , 10% of alumni rated as very good and 5% rated as good. The overall strength and weakness of the department from the alumni are summarized below.

Strength

1. Versatile faculty members
2. Excellent Academics
3. Organised academic schedule
4. Special care has been given for improving student's academic performance
5. Well planned placement training

Weakness

1. Industry interaction
2. Mini projects have to be included in the curriculum.

Feedback analysis report

It is evident from the feedback analysis report, which almost all the alumni's are happy to be a part of this institution and they are very happy to recommend their friends and relatives to enroll in this institution.

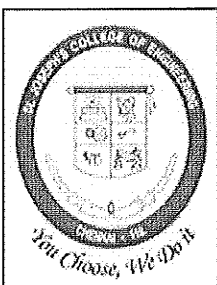
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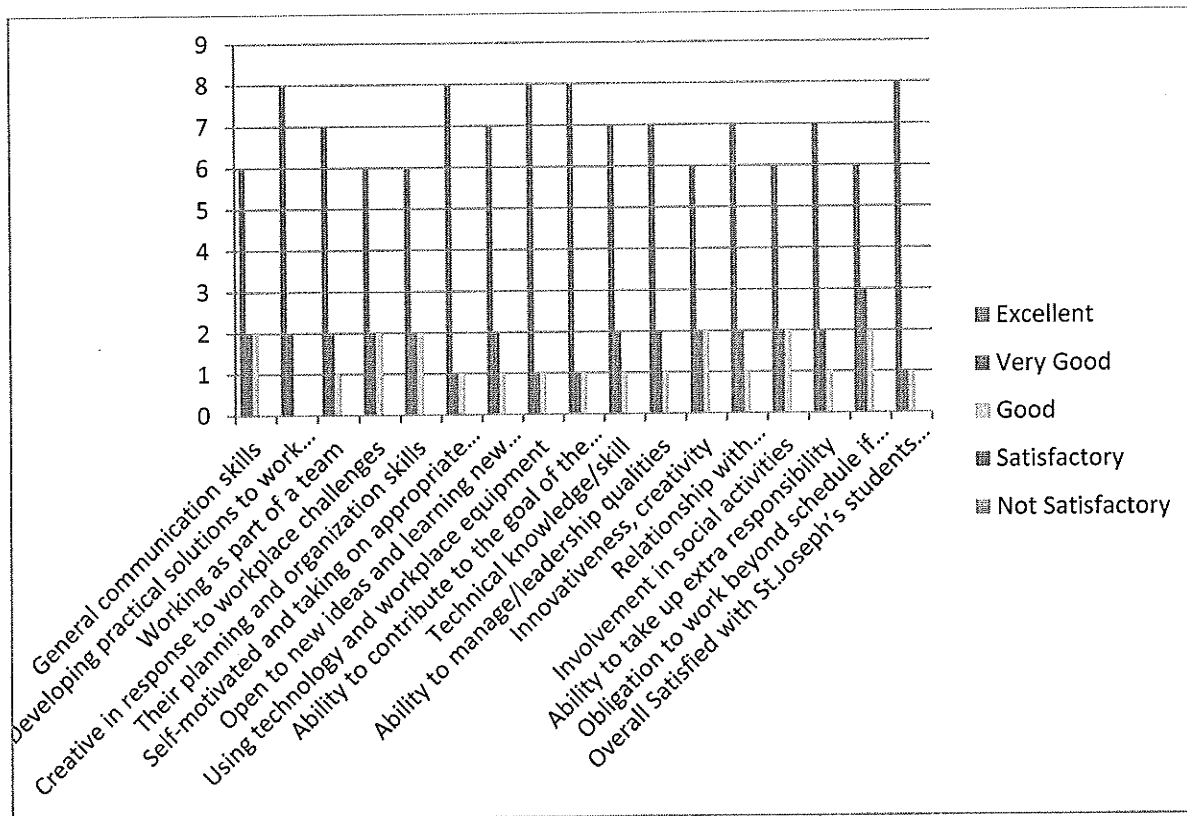


ST. JOSEPH'S COLLEGE OF ENGINEERING
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DEPARTMENT OF CHEMICAL ENGINEERING

EMPLOYER FEEDBACK ANALYSIS

ACADEMIC YEAR: 2015-2016

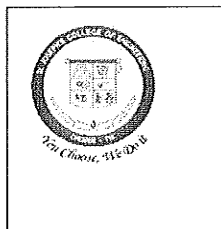
S.No	How satisfied are you with the employee/s (our student/s) work performance in each of these areas:	5	4	3	2	1
1.	General communication skills	6	2	2	0	0
2.	Developing practical solutions to work place problems	8	2	0	0	0
3.	Working as part of a team	7	2	1	0	0
4.	Creative in response to workplace challenges	6	2	2	0	0
5.	Their planning and organization skills	6	2	2	0	0
6.	Self-motivated and taking on appropriate level of responsibility	8	1	1	0	0
7.	Open to new ideas and learning new techniques	7	2	1	0	0
8.	Using technology and workplace equipment	8	1	1	0	0
9.	Ability to contribute to the goal of the organization	8	1	1	0	0
10.	Technical knowledge/skill	7	2	1	0	0
11.	Ability to manage/leadership qualities	7	2	1	0	0
12.	Innovativeness, creativity	6	2	2	0	0
13.	Relationship with seniors/peers/subordinates	7	2	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 which updates current technologies
- Basic updates in technology can be shared from time to time

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Form VIII

St. JOSEPH'S COLLEGE OF ENGINEERING
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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

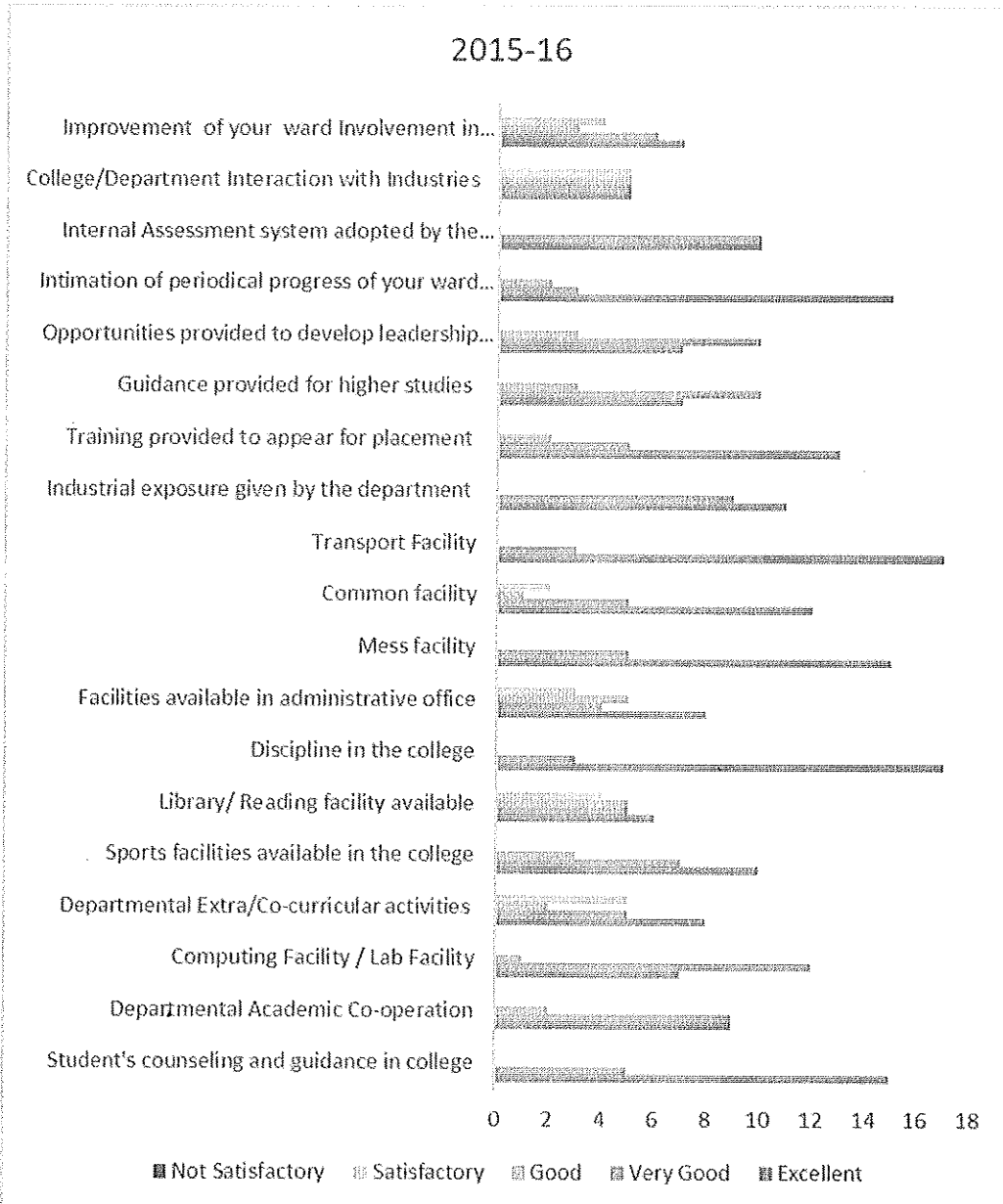
- To establish academic integrity so as to inculcate the professional skills to compete in global environments.
- To enrich the Chemical Engineering knowledge through research & innovation.
- To hone the skills of students to succeed in Chemical Industry.

FEEDBACK ANALYSIS OF PARENTS

S.No.	Particulars	Grading				
		5	4	3	2	1
1.	Student's counseling and guidance in college	13	12	0	0	0
2.	Departmental Academic Co-operation	10	10	5	0	0
3.	Computing Facility / Lab Facility	9	14	1	1	0
4.	Departmental Extra/Co-curricular activities	20	5	0	0	0
5.	Sports facilities available in the college	12	9	4	0	0
6.	Library/ Reading facility available	10	5	5	0	5
7.	Discipline in the college	17	6	2	0	0
8.	Facilities available in administrative office	7	4	5	9	0
9.	Mess facility	20	5	0	0	0
10.	Common facility	10	7	4	4	0
11.	Transport Facility	15	3	2	5	0
12.	Industrial exposure given by the department	9	9	3	4	0
13.	Training provided to appear for placement	21	2	2	0	0
14.	Guidance provided for higher studies	12	10	3	0	0
15.	Opportunities provided to develop leadership quality	9	10	5	1	0
16.	Intimation of periodical progress of your ward (SMS / Portal)	22	3	0	0	0
17.	Internal Assessment system adopted by the college	9	14	2	0	0
18.	College/Department Interaction with Industries	12	9	4	0	0
19.	Improvement of your ward Involvement in social activities	7	4	4	5	5

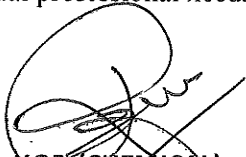
Grade: 5-Excellent, 4-Very Good, 3- Good, 2- Satisfactory, 1- Not satisfactory (Use the following scale for grading)

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



FEEDBACK

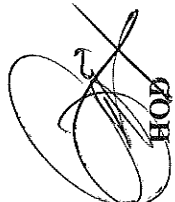
- Involvement of students towards social activities can be improved.
- Assess the quality and consistency of instructional practices to identify individual professional needs.
- Organizational skills can be improved.


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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119
DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2015-2016 (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	Mr.P.Shankar	93
EE6351	Electrical Drives and Controls	Mr.Venkatesh Kumar	89
CH6301	Organic Chemistry	Ms.Apar na	90
CH6302	Mechanics of Solids	Mr.Savin.C.P	90
CH6303	Physical Chemistry	Dr.N.Venkatesh	94
CH6304	Fluid Mechanics	Ms.S.Prathiba	93


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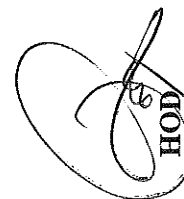
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DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2015-2016 (ODD SEMESTER)

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	Mr.S.Vinod Kumar	91
CH6502	Chemical process Industries – II	Mr.Savin.C.P.	90
CH6503	Chemical Engineering Thermodynamics II	Ms.S.Prathiba	91
CH6504	Heat Transfer	Dr.S.Nachiappan	92
CH6505	Mass Transfer-I	Dr.R.Baskaran	91


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CH6505

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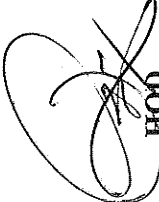
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DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2015-2016 (ODD SEMESTER)
CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

IV YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH 2401	Chemical Reaction Engg - II	Ms.B.S.Rathi	92
CH 2402	Transport Phenomena	Ms.N.Deepa	92
CH 2403	Biochemical Engineering	Ms.A.M.Aparna (A) Ms.N.Deepa(B)	91
CH 2404	Process Economics	Dr.N.Venkatesh	93
CH 2405	Chemical Process Plant Safety	Dr.R.Baskaran	94
CH 2021	Food Technology	Dr.S.Nachiappan	93


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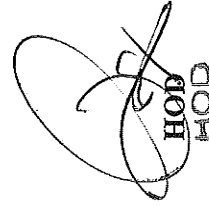
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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119
DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2015-2016 (EVEN SEMESTER)

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.N.Deepa (A) Ms.A.M.Aparna (B)	92
CH6402	Chemical Engineering Thermodynamics -I	Mr.S.Vinod Kumar	92
CH6403	Chemical Process Calculation	Dr.N.Venkatesh	93
CH6404	Mechanical Operations	Dr.M.Palanisayappan	93
GE6351	Environmental Science and Engineering	Mr.C.P.Savin	91
MA6468	Probability and Statistics	Mr.Manikandan Prabhu	91


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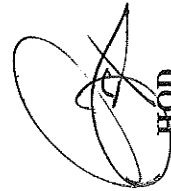
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DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2015-2016 (EVEN SEMESTER)

CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

III YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH6601	Energy Engineering	Mr.C.P.Savin	90
CH6602	Chemical Reaction Engineering -I	Dr.S.Nachiappan	93
CH6603	Mass Transfer-II	Dr.R.Baskaran	94
CH6604	Material science and Technology	Ms.S.Prathiba	93
CH6605	Process Instrumentation Dynamics and Control	Ms.A.M.Aparna	92
CH6001	Food Technology	Ms.N.Deepa	94


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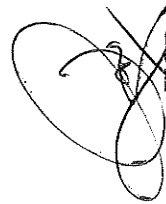
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ACADEMIC YEAR 2015-2016 (EVEN SEMESTER)

CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

IV YEAR

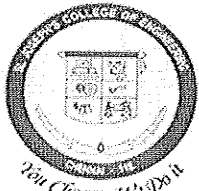
SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
GE2022	Total Quality Management	Dr.N.Venkatesh(A) Mr.S.Vinod Kumar(B)	95
CH2032	Fertilizer Technology	Dr.R.Baskaran (A) Dr.S.Nachiappan (B)	95
CH2041	Petroleum Technology	Dr.M.Palaniyappan (A) Ms.S.Prathiba(B)	95


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St. Joseph's College of Engineering
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Department of Chemical Engineering

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

ACADEMIC YEAR: 2015-2016

S.NO	STAKE HOLDERS FEEDBACK	ACTION TAKEN
1.	Improve the industrial connectivity	MOU with Meera labs was signed. Students were exposed to industrial technologies through inplant training and internship.
2.	Extension of Wi-Fi Facility is needed.	Reported to principal and necessary actions measures are taken through network administrator.
3.	Xerox center timing should be extended.	The information has been given to the concern in charge through principal and the time has been extended.



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CHEM DEPARTMENT
ST. JOSEPH'S COLLEGE OF ENGINEERING
CHENNAI-110



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