

St Joseph's College of Engineering
Old Mamallapuram Road, Chennai – 119
Department of Chemical Engineering
Academic Year 2014-15

Feedback Analysis of Stakeholders on curriculum and Actions Taken Report

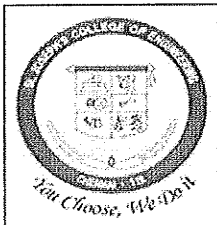
S.NO	Stakeholder	Feedback	Actions Taken
1.	Student	Practical activity should be implemented as a part of the curriculum. More weightage must be given to projects	Staff members take special efforts in bringing about practical based sessions. The concept of project exhibition is introduced for the pre final year students.
2.	Teacher	Internship and inplant training programs must be encouraged. Hands on training for different simulation software's must be included	Students advised to take up internship and inplant training programs during vacations. Different programs are conducted for the students in MATLAB, ASPEN HYSYS.
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. Various types of interactions are arranged for the students with the companies through our MOUs. 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. Students need to be trained properly to attend placement interview to get the campus placement. Students should have basic etiquette.	Special classes are arranged for the students other than the regular classes to improve their understanding in the subjects. The placement training program is planned for the students More mentors are placed to address this issue among the students.
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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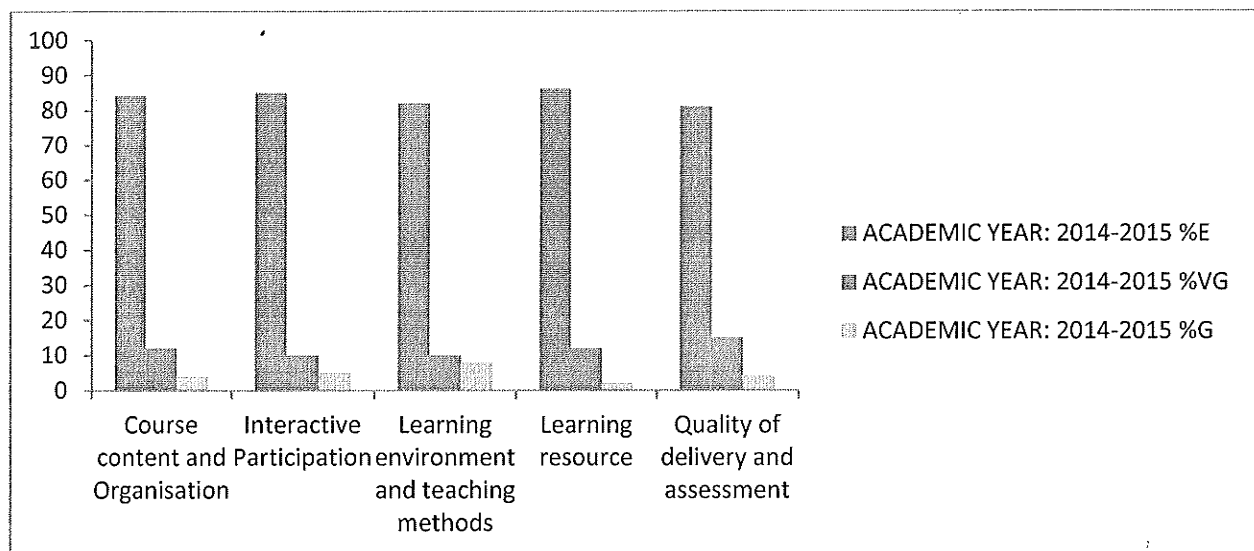
**St. Joseph's College of Engineering
OMR, Chennai
Department of Chemical Engineering**

COURSE EVALUATION –FEEDBACK BY STUDENT

SAMPLE REPORT

ACADEMIC YEAR: 2014-2015

CORE QUESTIONS	%E	%VG	%G	%S	%NS
Course content and Organisation	84	12	4	0	0
Interactive Participation	85	10	5	0	0
Learning environment and teaching methods	82	10	8	0	0
Learning resource	86	12	2	0	0
Quality of delivery and assessment	81	15	4	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 2014-2015. 84% of the students population agreed that the allotment of course content is appropriate in relation to the level of course content is very much fitting to the programme. Majority of the students strongly agreed that the communication by teachers with students is more feasible and reliable. Around 82% of the students agreed that they are equipped with necessary teaching methods required for their programme. It is observed that 86% of the students agreed that the provision for learning resource in library was competent and appropriate with their respective field of specialization areas. The feedback revealed that 81% 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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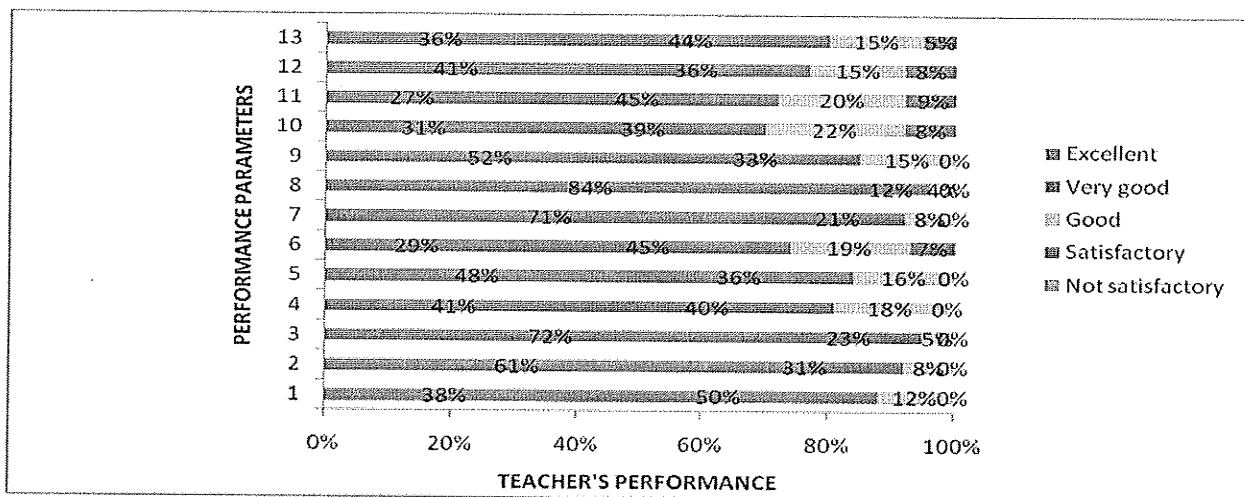


Form-II
St. JOSEPH'S COLLEGE OF ENGINEERING
Department of Chemical Engineering
TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS

Academic Year: 2014-15

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	38%	50%	12%	0%	0%
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	61%	31%	8%	0%	0%
3.	Sufficient number of prescribed books are available in the library	72%	23%	5%	0%	0%
4.	The course has good balance between theory and application.	41%	40%	18%	0%	0%
5.	The course has made me interested in the subject area.	48%	36%	16%	0%	0%
6.	The course has increased knowledge potential in its application	29%	45%	19%	7%	0%
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	71%	21%	8%	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.	84%	12%	4%	0%	0%
9.	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration and student's participations.	52%	33%	15%	0%	0%
10.	Syllabus contain necessary technical skills for the students to face the industry needs	31%	39%	22%	8%	0%
11.	The electives offered are relevant to the specialization streams and to the technological advancements.	27%	45%	20%	9%	0%
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	41%	36%	15%	8%	0%
13.	Facilities are provided for teaching and to adopt current trends / research.	36%	44%	15%	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.

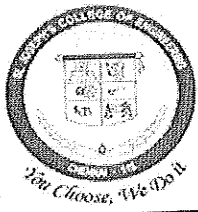
Feedback analysis report:

- 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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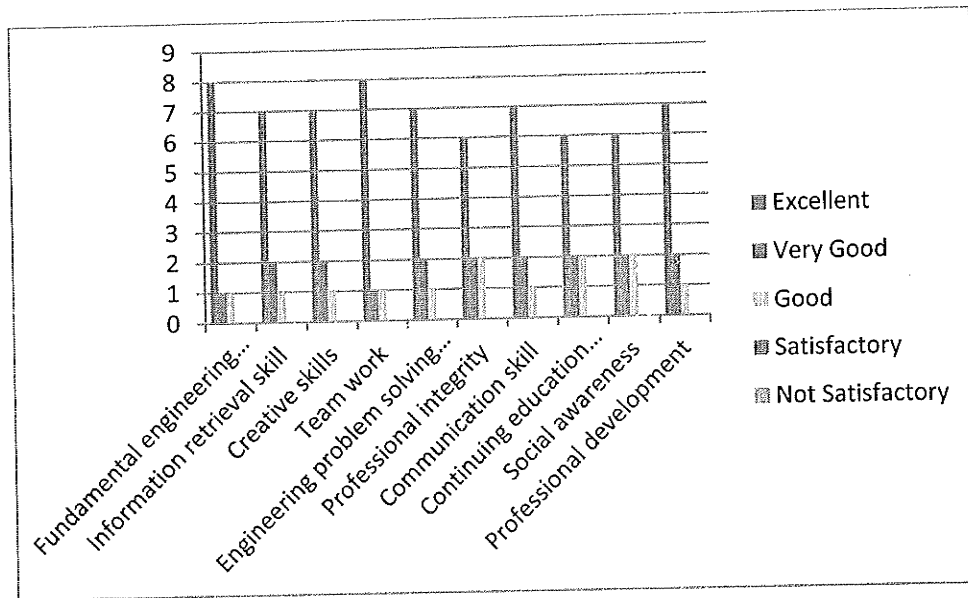


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EXIT SURVEY ANALYSIS

Academic Year : 2014-2015

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	8	1	1	0	0
Information retrieval skill	7	2	1	0	0
Creative skills	7	2	1	0	0
Team work	8	1	1	0	0
Engineering problem solving skills	7	2	1	0	0
Professional integrity	6	2	2	0	0
Communication skill	7	2	1	0	0
Continuing education awareness	6	2	2	0	0
Social awareness	6	2	2	0	0
Professional développement	7	2	1	0	0
Total	69	18	13	0	0




Strength

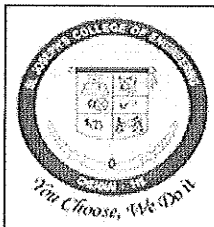
1. Versatile staff members
2. Placement training programs.
3. Need updated syllabus regarding current scenario.
4. Online portal notes and previous year university question paper with solutions.
5. Good exposure about opportunities in higher studies.

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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ALUMNI SURVEY

Academic Year: 2014-15

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. Regarding the residential facilities, 50% of them who were in hostel rated that the food and accommodation facilities 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. Placement training given by outsourcing people.
2. Excellent academics.
3. Well qualified faculty members.
4. Well planned academic schedule.
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.

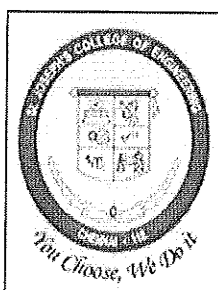
Feedback analysis report

From the alumni feedback analysis report, it is evident that majority 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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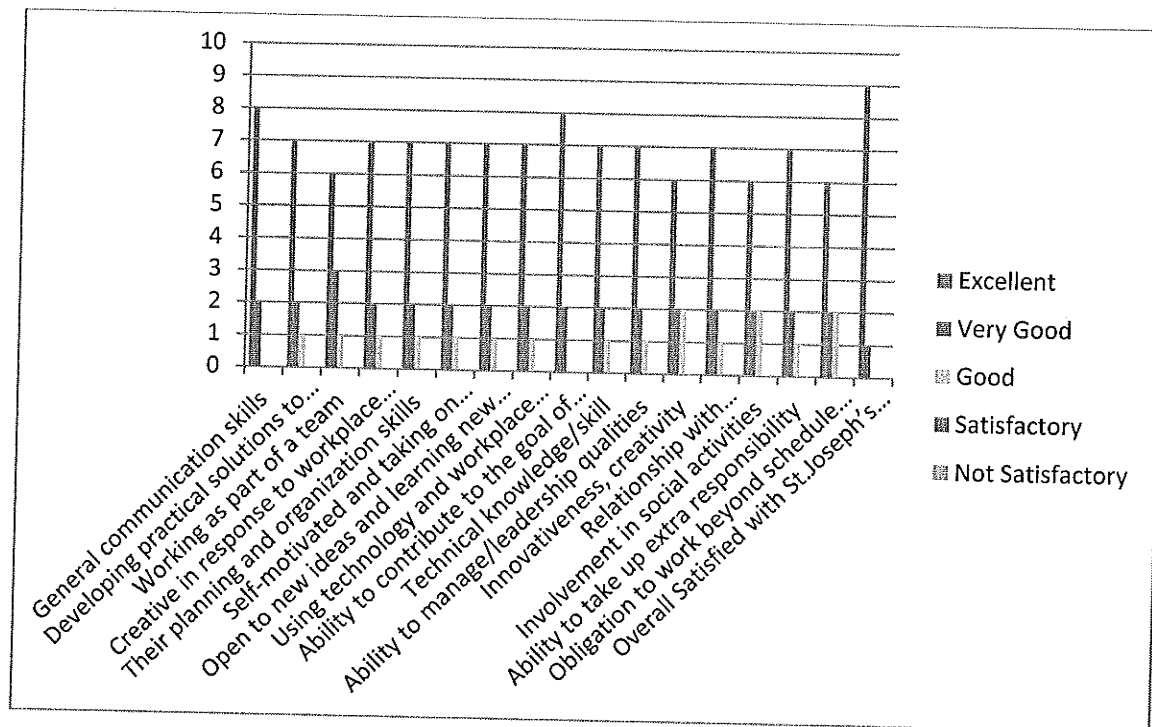


**ST. JOSEPH'S COLLEGE OF ENGINEERING
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DEPARTMENT OF CHEMICAL ENGINEERING**

EMPLOYER FEEDBACK ANALYSIS


ACADEMIC YEAR: 2014-2015

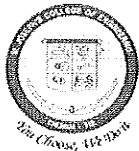
S.No	How satisfied are you with the employee/s (our student/s) work performance in each of these areas:	5	4	3	2	1
1.	General communication skills	8	2	0	0	0
2.	Developing practical solutions to work place problems	7	2	1	0	0
3.	Working as part of a team	6	3	1	0	0
4.	Creative in response to workplace challenges	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	8	2	0	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	2	2	0	0
17.	Overall Satisfied with St. Joseph's students and curriculum	9	1	0	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

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.

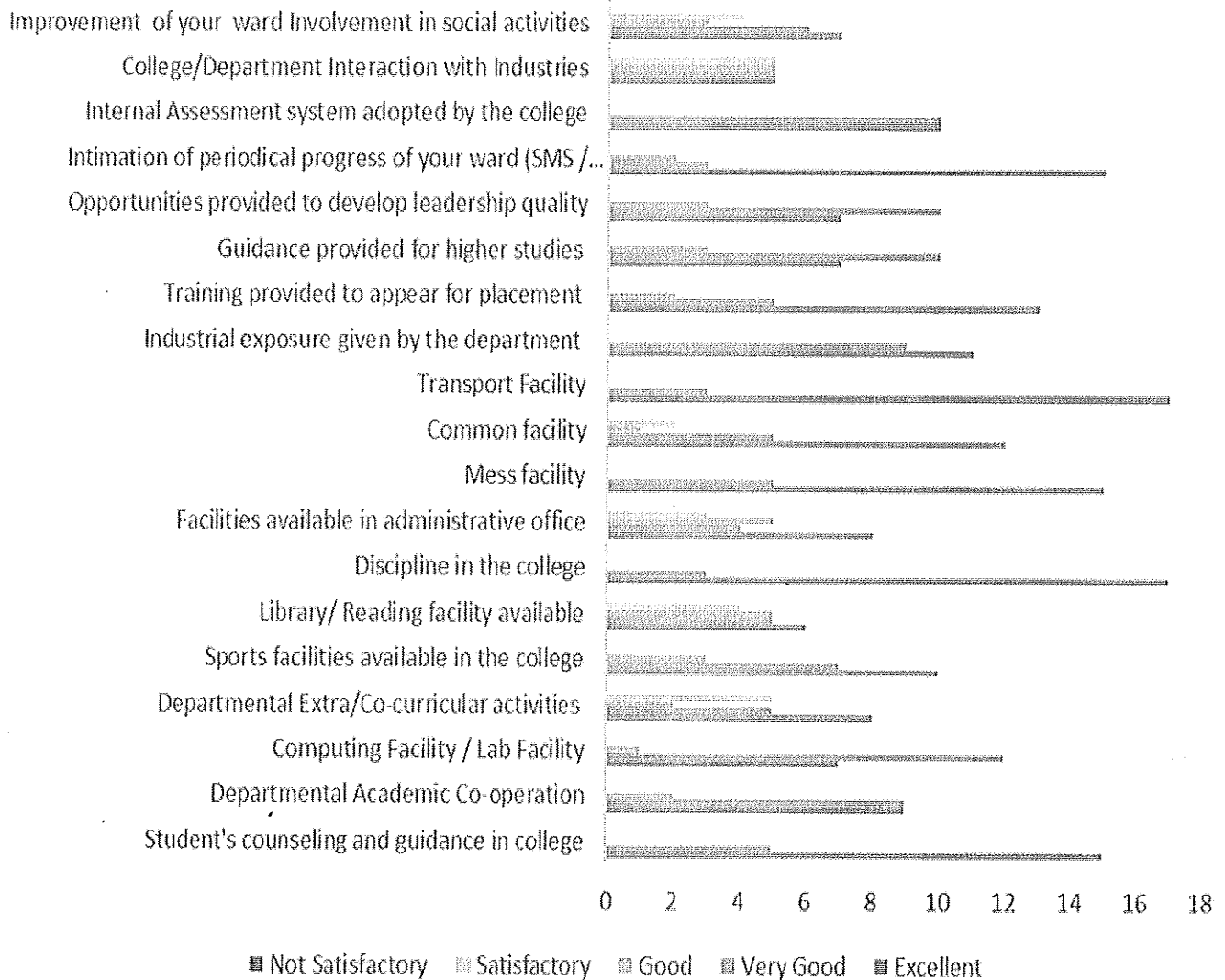
FEEDBACK ANALYSIS OF PARENTS

S.No.	Particulars	Grading				
		5	4	3	2	1
1.	Student's counseling and guidance in college	10	12	3	0	0
2.	Departmental Academic Co-operation	9	9	7	0	0
3.	Computing Facility / Lab Facility	7	16	1	1	0
4.	Departmental Extra/Co-curricular activities	18	5	2	0	0
5.	Sports facilities available in the college	14	7	4	0	0
6.	Library/ Reading facility available	8	5	5	7	0
7.	Discipline in the college	19	6	0	0	0
8.	Facilities available in administrative office	9	4	5	7	0
9.	Mess facility	19	6	0	0	0
10.	Common facility	12	7	4	2	0
11.	Transport Facility	17	3	2	3	0
12.	Industrial exposure given by the department	11	9	3	2	0
13.	Training provided to appear for placement	19	2	2	2	0
14.	Guidance provided for higher studies	12	10	3	0	0
15.	Opportunities provided to develop leadership quality	7	10	5	3	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	10	9	4	2	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)

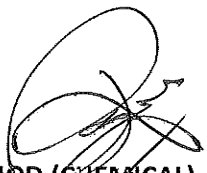
Remark if any: (Please specify any changes required in syllabus or department or College)

2014-2015



FEEDBACK

- Rapport between students and faculty can be improved.
- Organizational Skills can be improved.
- Department related workshops can be given more importance.


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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119
DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2014-2015 (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 Equation	Dr. Anna Durai	93
EE6351	Electrical Drives and Controls	Ms. Sakeenathul Kubra	92
CH6301	Organic Chemistry	Ms. Aparna	91
CH6302	Mechanics of Solids	Mr. Eldho Abraham	92
CH6303	Physical Chemistry	Dr. N. Venkatesh	93
CH6304	Fluid Mechanics	Ms. S. Prathiba	92


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DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2014-2015 (ODD SEMESTER)

CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

III YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
MA 2264	Numerical Methods	Ms.Arivukodi	92
CH 2301	Materials Technology	Ms.S.Prathiba	93
CH2302	Chemical Process Industries II	Dr.M.Palaniyappan	91
CH 2303	Chemical Engineering Thermodynamics I	Mr.S.Vinod Kumar	91
CH 2304	Heat transfer	Dr.S.Nachiappan	92
CH 2305	Mass Transfer-1	Dr.R.Baskaran	93



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DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2014-2015 (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	93
CH 2402	Transport Phenomena	Mr.Eidho Abraham	92
CH 2403	Biochemical Engineering	Dr.M.Palaniyaapan	93
CH 2404	Process Economics	Dr.N.Venkatesh	93
CH 2405	Chemical Process Plant Safety	Dr.R.Baskaran	95
CH 2021	Food Technology	Dr.S.Nachiappan	92


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 DEPARTMENT OF CHEMICAL ENGINEERING
 ACADEMIC YEAR 2014-2015 (EVEN SEMESTER)
 CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

II YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
MA6468	Probability and Statistics	Ms.Sasikala	92
CH6401	Chemical Process Industries I	Ms.A.M.Aparna	91
CH6402	Chemical Engineering Thermodynamics I	Mr.S.Vinod Kumar	91
CH6403	Chemical Process Calculations	Dr.N.Venkatesh	93
CH6404	Mechanical Operations	Dr.M.Palaniyappan	92
GE6351	Environmental Science and Engineering	Mrs.B.S.Rathi[A],Mrs.N.DEEPA[B]	92


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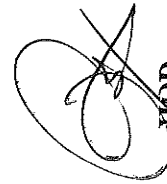
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DEPARTMENT OF CHEMICAL ENGINEERING
ACADEMIC YEAR 2014-2015 (EVEN SEMESTER)

CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

III YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH 2351	Chemical Engineering Thermodynamics II	Mrs.S.Prathiba	92
CH 2352	Mass Transfer-II	Dr.RBaskaran	94
CH 2353	Chemical Reaction Engineering I	Dr.S.Nachiappan	93
CH 2354	Process Instrumentation & Control	Mrs.B.S.Rathi	92
CH 2355	Process Plant Utilities	Mrs.N.DEEPA	92
CH 2356	Energy Engineering	Ms.A.M.Aparna	91


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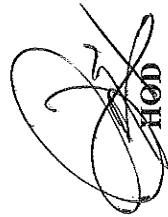
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ACADEMIC YEAR 2014-2015 (EVEN SEMESTER)

CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

IV YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
GE 2022	Total Quality Management	Dr.N.Venkatesh [A] Mr.S.Vinod Kumar[B]	95
CH 2032	Fertilizer Technology	Dr.R.Baskaran[A] Dr.S.Nachiappan [B]	95
CH 2041	Petroleum Technology	Dr.M.Palaniappan[A] Mrs.S.Prathiba [B]	95

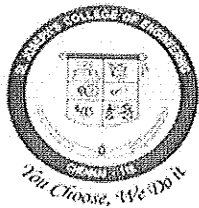

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Department of Chemical Engineering

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

ACADEMIC YEAR: 2014-2015

S.NO	STAKE HOLDERS FEEDBACK	ACTION TAKEN
1.	Tie up with Professional institutional bodies	IICHE Student's Membership are created through college
2.	Need more Value added courses	Seminars and Guest lectures from industrialist and academicians are arranged every semester
3.	Extension of Wi-Fi Facility is needed.	Reported to principal and necessary actions measures are taken through network administrator.

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