




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

ACADEMIC YEAR: 2018-2019

Feedback Analysis of Stakeholders on curriculum and Actions Taken Report

NO	Stakeholder	Feedback	Actions Taken
1.	Student	Syllabus should include practical based approach  More weightage must be given to projects	The practical based approach is implemented for some of the subjects by our staff members through special workshops.  The concept of project exhibition is introduced for the third year students and preference given to the students, who performed well for participating in symposiums and other events outside the college.
2.	Teacher	Internship must be encouraged.	Students advised to take up internship programs during vacations.
3.	Alumni	More time can be given for the students during practical sessions.	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.	Special classes are arranged for the students other than the regular classes to improve their understanding in the subjects.  The placement training program from the first year is planned for the students
5.	Parents	Parents are not willing to come to the campus for paying the arrear fees.	Students are allowed to pay the arrear fee without their parents

  
Principal

  
HOD (Chemical)

HOD  
CHEM DEPARTMENT  
ST. JOSEPH'S COLLEGE OF ENGINEERING  
CHENNAI-118



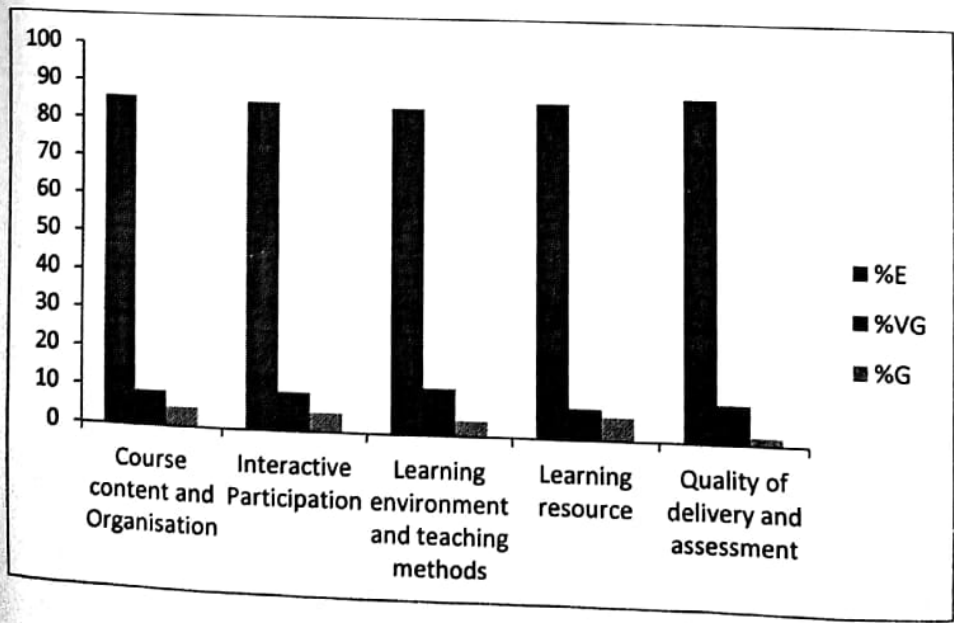
**St. Joseph's College of Engineering  
OMR, Chennai  
Department of Chemical Engineering**

**COURSE EVALUATION –FEEDBACK BY STUDENT**

**SAMPLE REPORT**

**ACADEMIC YEAR: 2018-2019**

CORE QUESTIONS	%E	%VG	%G	%S	%NS
Course content and Organisation	86	9	5	0	0
Interactive Participation	85	10	5	0	0
Learning environment and teaching methods	84	12	4	0	0
Learning resource	86	8	6	0	0
Quality of delivery and assessment	88	10	2	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 180 students gave their feedback on curriculum for the academic year 2018-2019. 86% of the students population agreed that the allocation of course content is appropriate in relation 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 86% 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 88% 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.



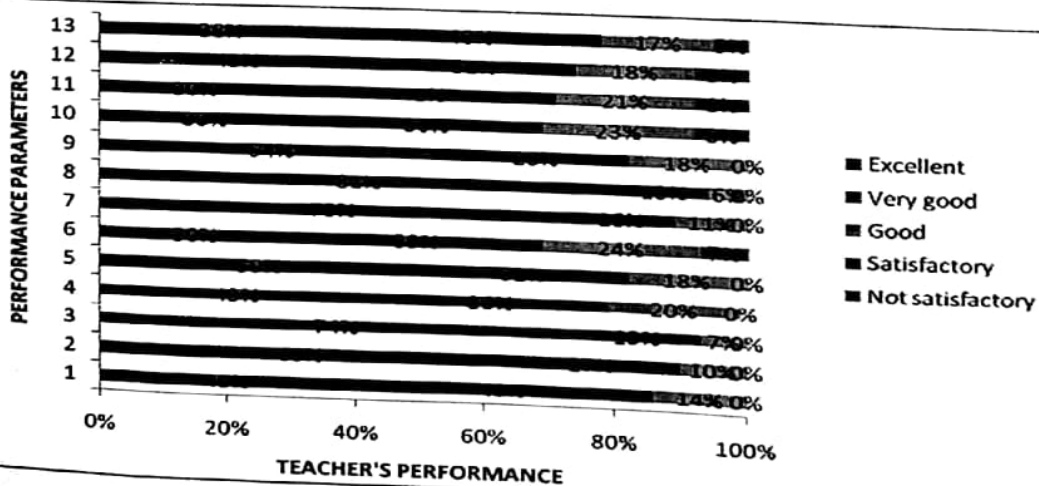
HOD (Chemical)



**Form-II**  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
**Department of Chemical Engineering**  
**TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS**  
**Academic Year: 2018-19**

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	40%	46%	14%	0%	0%
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	63%	27%	10%	0%	0%
3.	Sufficient number of prescribed books are available in the library	74%	19%	7%	0%	0%
4.	The course has good balance between theory and application.	43%	36%	20%	0%	0%
5.	The course has made me interested in the subject area.	50%	32%	18%	0%	0%
6.	The course has increased knowledge potential in its application	30%	39%	24%	7%	0%
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	73%	16%	11%	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.	81%	13%	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.	54%	28%	18%	0%	0%
10.	Syllabus contain necessary technical skills for the students to face the industry needs	33%	36%	23%	8%	0%
11.	The electives offered are relevant to the specialization streams and to the technological advancements.	30%	41%	21%	8%	0%
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	43%	31%	18%	8%	0%
13.	Facilities are provided for teaching and to adopt current trends / research.	38%	40%	17%	5%	0%



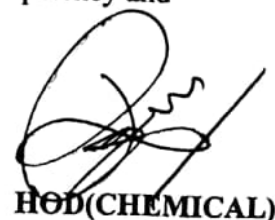
## TEACHERS FEEDBACK ON CURRICULUM

- 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.



HOD(CHEMICAL)

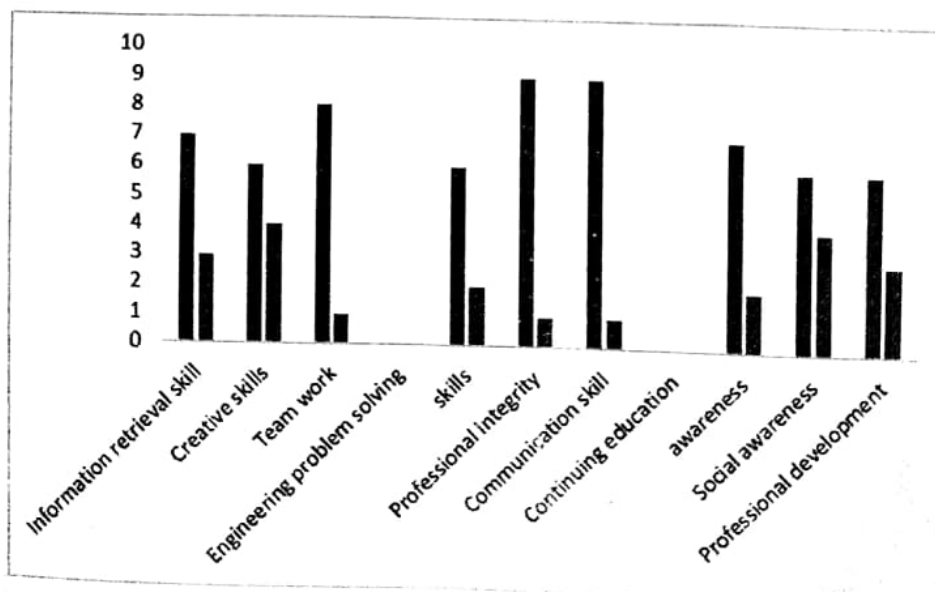


**St. Joseph's College of Engineering  
OMR, Chennai  
Department of Chemical Engineering**

**EXIT SURVEY ANALYSIS**

**Batch:2015-2019**

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	8	2	0	0	0
Information retrieval skill	7	3	0	0	0
Creative skills	6	4	0	0	0
Team work	8	1	0	0	0
Engineering problem solving skills	6	2	0	0	0
Professional integrity	9	1	0	0	0
Communication skill	9	1	0	0	0
Continuing education awareness	7	2	0	0	0
Social awareness	6	4	0	0	0
Professional development	6	3	0	0	0
<b>Total</b>	<b>72</b>	<b>23</b>			



### **Strength**

1. Efficient Staffs
2. Well Scheduled Placement training programs.
3. Guest Lectures increases the comprehensive knowledge about industries
4. Value added courses enhances 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



**HOD CHEMICAL**



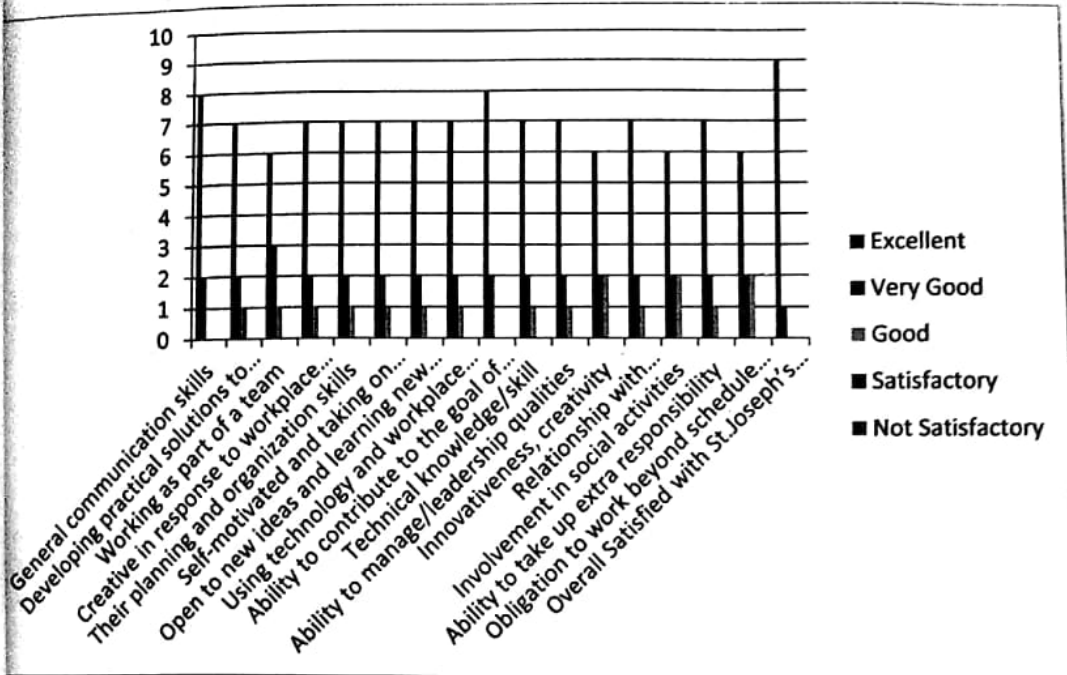
**ST. JOSEPH'S COLLEGE OF ENGINEERING**  
**OMR, CHENNAI**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**EMPLOYER FEEDBACK ANALYSIS**

**ACADEMIC YEAR: 2018-2019**

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 communications 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 organizations 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 towards practical oriented applications.
- Basic updates in technology can be shared from time to time



Form VIII

St. JOSEPH'S COLLEGE OF ENGINEERING

OMR, CHENNAI -600 119

Department of Chemical Engineering

Department

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

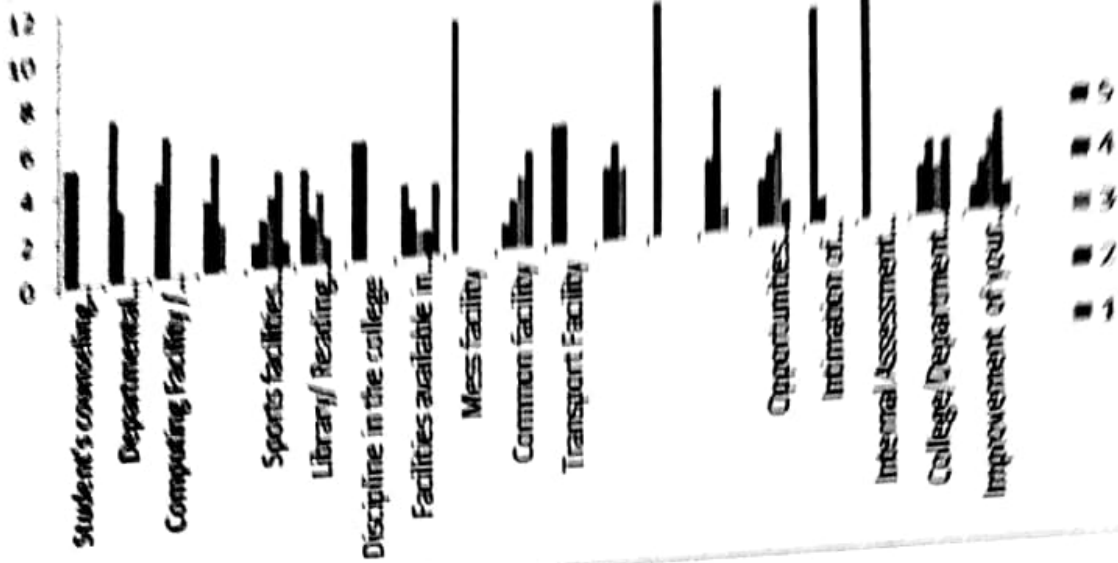
Department

- 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
	Student's counseling and guidance in college	5	5	0	0	0
	Departmental Academic Co-operation	7	3	0	0	0
	Computing Facility / Lab Facility	4	6	0	0	0
	Departmental Extra/Co-curricular activities	3	5	2	0	0
	Sports facilities available in the college	1	2	3	4	1
	Library/ Reading facility available	4	2	3	1	0
	Discipline in the college	5	5	0	0	0
	Facilities available in administrative office	3	2	1	1	3
	Mess facility	10	0	0	0	0
	Common facility	1	2	3	4	0
	Transport Facility	5	5	0	0	0
	Industrial exposure given by the department	3	4	3	0	0
	Training provided to appear for placement	10	0	0	0	0
	Guidance provided for higher studies	3	6	1	0	0
	Opportunities provided to develop leadership quality	2	3	4	1	0
	Intimation of periodical progress of your ward (SMS / Portal)	9	1	0	0	0
	Internal Assessment system adopted by the college	10	0	0	0	0
	College/Department Interaction with Industries	2	3	2	3	0
	Improvement of your ward Involvement in social activities	1	2	3	4	1

Scale: 5-Excellent, 4-Very Good, 3- Good, 2- Satisfactory, 1- Not satisfactory (Use the following scale for grading)  
Mark if any: (Please specify any changes required in syllabus or department or College)



**BACK**


- 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.

  
**HOD (Chemical)**

**St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119**  
**DEPARTMENT OF CHEMICAL ENGINEERING**  
**ACADEMIC YEAR 2018 — 2019 (ODD SEMESTER)**  
**CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY**

**II YEAR**

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
MA8391	Probability and Statistics	Mr.S.M.Balaji	92
CH8351	Process Calculations	Dr.N.Venkatesh	89
CH8301	Fluid Mechanics for Chemical Engineers	Ms.Sivaranjane	91
CH8302	Solid Mechanics for Technologists	Mr.S.Vinod Kumar	91
EE8352	Principles of Electrical and Electronics Engineering	Ms. Vanitha	90
CY8291	Organic Chemistry	Ms.Priyadharshini	90

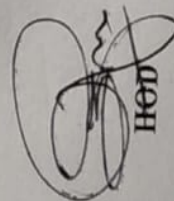
  
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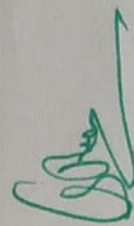
  
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St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119  
 DEPARTMENT OF CHEMICAL ENGINEERING  
 ACADEMIC YEAR 2018 — 2019 (ODD SEMESTER)  
 CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

III YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
MA6459	Numerical Methods	Ms. Shoba	91
CH6501	Instrumental Methods of Analysis	Ms. Sivaranjane	89
CH6502	Chemical process Industries – II	Mr. S. Vinod Kumar	89
CH6503	Chemical Engineering Thermodynamics II	Ms. A. M. Aparna	91
CH6504	Heat Transfer	Ms. A. Tamilarasi	93
CH6505	Mass Transfer-I	Dr. R. Baskaran	92

  
HOD

  
PRINCIPAL

St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119  
DEPARTMENT OF CHEMICAL ENGINEERING  
ACADEMIC YEAR 2018 — 2019 (EVEN SEMESTER)  
CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY

II YEAR

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
MA8491	Numerical methods	Dr.Sasikala/ Mr.Manikanda prabhu	93.5
CH8402	Physical Chemistry	Dr.N.Venkatesh	93
CH8451	Mechanical Operation	Ms.Sivaranjane	92
CH8401	Chemical Engineering Thermodynamics-I	Mr.S.Vinod Kumar	91
GE8291	Environmental Science and Engineering	Mrs.N.DEEPA	91
CH8491	Instrumental Methods of Analysis	Ms.Priyadarshini	90

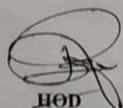
  
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PRINCIPAL

**St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119**  
**DEPARTMENT OF CHEMICAL ENGINEERING**  
**ACADEMIC YEAR 2018— 2019(EVEN SEMESTER)**  
**CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY**

**III YEAR**

<b>SUB CODE</b>	<b>SUBJECT</b>	<b>NAME OF THE STAFF</b>	<b>FEEDBACK PERCENTAGE</b>
CH6001	Food Technology	Ms.Priyadharshini	90
CH6604	Material Science and Technology	Ms.Sivaranjanee	91
CH6602	Chemical reaction engineering-I	Ms.N.Deepa	94
CH6605	Process Instrumentation and dynamic control	Ms.A.M.Aparna	93
CH6601	Energy Engineering	Ms.A.Tamilarasi	93
CH6603	Mass Transfer-II	Dr.R.Baskaran	92

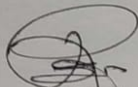
  
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PRINCIPAL

**St. JOSEPH'S COLLEGE OF ENGINEERING, CHENNAI — 119**  
**DEPARTMENT OF CHEMICAL ENGINEERING**  
**ACADEMIC YEAR 2018— 2019(EVEN SEMESTER)**  
**CONSOLIDATED REPORT OF STUDENTS FEEDBACK ANALYSIS ON TEACHING FACULTY**

**IV YEAR**

<b>SUB CODE</b>	<b>SUBJECT</b>	<b>NAME OF THE STAFF</b>	<b>FEEDBACK PERCENTAGE</b>
CH6013	Petroleum Technology	Mr.S.Vinod Kumar(A) Ms,B.S Rathi(B)	95
CH6018	Process Plant utility	Ms.A.Tamilarasi (A) Ms.A.M.Aparna(B)	95

  
HOD

  
PRINCIPAL



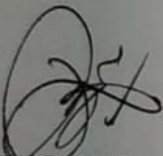


St. Joseph's College of Engineering  
OMR, Chennai  
Department of Chemical Engineering

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

**ACADEMIC YEAR: 2018-2019**

S.NO	STAKE HOLDERS FEEDBACK	ACTION TAKEN
1.	Computer facility is needed with internet connections	Reported to Principal and necessary actions are taken through network administrator
2.	Number of copies in book bank has to be increased	Information is reported to librarian through Principal and more number of books were purchased

  
HOD/CHEM

  
PRINCIPAL



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

**ALUMNI SURVEY**

**Academic Year: 2018-2019**

Most of the alumni reported that they are well placed in their respective fields with sound knowledge on subjects. The Course structure and the teaching methods were on line with the requirements of the job market. 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. Heterogeneity of students and faculty in terms of their nationality, field of specialization has helped in infusing multicultural and multidimensional attributes towards the society and helps us to adapt to various working environment. The rich collection of resources available in the department as well as able guidance of faculty members has helped them to pursue a quality research. The quality education could come only if there were quality teachers who were good communicators. Approximately 85% of alumni said that overall quality of college education is excellent, 10% student rate as very good and 5% of student rate as good..

**Strength**

- Updated with recent technologies
- Faculties take effective care for improving student's education.
- Organised academic schedule
- Special care has been given for improving student's academic performance
- Well planned placement training

**Weakness**

- Industry interaction
- 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.

**HOD/CHEM**