



**ST. JOSEPH'S COLLEGE OF ENGINEERING**  
Department of Chemical Engineering  
Academic Year: 2022-23



## **FEEDBACK ANALYSIS OF STAKEHOLDERS AND ACTION TAKEN REPORT (2022-2023)**



**Feedback Analysis of Stakeholders on curriculum and Action Taken Report**

Sl. No.	Stakeholder	Feedback	Action Taken
1.	Student	<p>Totally 164 students gave their feedback on curriculum for the academic year 2022-2023.</p> <p>Majority of the students strongly agreed that the interaction by teachers with students is more feasible and reliable.</p> <p>The students suggested that it would be very helpful if the Placement training can be organized from the reputed premises can also be included as a part of the curriculum.</p> <p>Requested for more guest lectures for practical knowledge and experiential learning</p> <p>Application based questions to be asked in exams and assignments.</p>	<p>From the analysis of the students' feedback it is revealed that they are satisfied with the curriculum framed.</p> <p>Convey the gratitude to Faculty members and suggested to retain it.</p> <p>Training and placement cell have arranged training classes from reputed premises like Skill rack, AMCAT, SMART, Co cubes.</p> <p>Experts from the field of Chemical Engineering addressed the students in seminars and guest lectures to help in gaining field exposure.</p> <p>Case study, quizzes and innovative questions included in the model and assignments.</p>
2.	Teacher	<p>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.</p> <p>Training programs should be conducted for the students in emerging areas.</p> <p>Staff members can be allowed to attend FDP programs during the</p>	<p>The suggestions given by them related to specific subjects were noted for further action.</p> <p>Hands on training for different software's must be included.</p> <p>The management encouraged staff members to attend FDP programs during</p>



You Choose, We Do It

# St. JOSEPH'S COLLEGE OF ENGINEERING (An Autonomous Institution)

## St. Joseph's Group of Institutions

OMR, Chennai - 119



		<p>semester in premier institutions.</p> <p>Dedicated teams can be developed for the participation in national level technical events.</p> <p>Faculty members requested for SWAYAM online course for the advanced learners.</p>	<p>semester based on the quality of the program.</p> <p>Various teams have identified and mentors are allocated.</p> <p>SWAYAM &amp; NPTEL course were suggested for students to earn extra credits.</p>
3.	Alumni	<p>Training programme may be organised to improve the placement opportunities</p> <p>Suggested to increase the placements opportunity and adding more number of Recruiters from alumnus of the college in the prospective list.</p> <p>Need more value added courses.</p> <p>Separate smart class required.</p> <p>Internship has to be improved.</p> <p>Frequent alumni interactions can be arranged.</p>	<p>The placement cell organised various kinds of training programme</p> <p>The Placement cell invited &amp; Conducted more placements drive in tie-up with Alumni</p> <p>Arranged More value added Courses on recent (content beyond syllabus) topics.</p> <p>Established Smart class room</p> <p>Identified various Eminent industries and signed MOU's with Industries to undergo internship.</p> <p>Department has planned to conduct more alumni meets from group of alumnus and individuals.</p>
4.	Employers	<p>The recruiters from all companies and other industries suggested that the students need to be more participative and enthusiastically work as a team towards achieve more.</p> <p>Students need to be trained properly to attend placement interview to get the campus placement.</p>	<p>The Technical &amp; soft skill training focused more on participative events and team building</p> <p>Invited resource persons from industries were made to address what their expectations from the students. Conduction of Mock interview by reputed organization HR's, based on the feedback from HR's, the overall lag has been identified and properly procured training.</p>





		<p>Basic updates in technology can be shared time to time.</p> <p>Student's dress code must be monitored properly.</p> <p>The skill level of the students must be improved.</p> <p>Suggested that Skill development to be focussed on Analytical/ problem solving / Critical thinking / Innovative skills.</p>	<p>Arranged Guest lecturers to share recent technology.</p> <p>Students are Continuously monitored by counselors, mentors, ABM members and Hod's.</p> <p>Value added courses with hands-on sessions are conducted to improve the technical skills of the students.</p> <p>Practical training has been given to the students.</p>
5.	Parents	<p>Need training in Personality development and communication skills</p> <p>Need more leaves for the hostel students during the festival leaves.</p> <p>Parents are suggested to have intensive placement training program for the students.</p>	<p>Mentors (Faculty) are allotted to train students personality development and communication skills.</p> <p>Submitted the Suggestion to Management.</p> <p>Placement training programs are started from the third year itself to improve the effectiveness during the placement drives. Some of the students are encouraged to go for internship to increase the possibilities to get placed in core companies.</p>



*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)

**St. Joseph's Group of Institutions**

OMR, Chennai - 119

**DEPARTMENT OF CHEMICAL ENGINEERING**



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

**ACADEMIC YEAR: 2022-23**

S.NO	STAKE HOLDERS FEEDBACK	ACTION TAKEN
1.	Good strategy adopted by teachers for completion of syllabus, should be continued further.	The strategy will be continued.
2.	Students have to be aware of recent trends and opportunities available for them.	Guest Lectures, Alumni interactions and technical webinars are conducted through eminent and experienced professionals.
3.	Students should attend various international and national events conducted by various other institutions.	Students are encouraged and motivated to participate in various national and international events so that they develop their core knowledge and improvise them in their projects.
4.	Students should have the knowledge on software's available for design and simulation.	Workshops on ASPEN and SCADA has been initiated by the institution to the students for their overall development. Plan to conduct new technology workshops in future.

**Principal**

**PRINCIPAL**  
St. JOSEPH'S COLLEGE OF ENGINEERING  
(AN AUTONOMOUS INSTITUTION)  
OLD MAMALLAPURAM ROAD,  
CHENNAI - 600 119.



You Choose, We Do It  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
St. Joseph's Group of Institutions  
OMR, Chennai - 119



**Department of Chemical Engineering**  
**Academic Year 2022-23 (ODD)**

**CONSOLIDATED REPORT OF STUDENT FEEDBACK ANALYSIS ON TEACHING FACILITY**

**II YEAR**

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH1301	Process calculation	Dr.N.Venkatesh	92.31
MA1353	Applied numerical analysis	Ms.Arivukodi	89.64
CH1302	Fluid mechanics for chemical engineer	Dr. Sujatha	84.00
EE1353	Principles of electrical and electronics engineering	Mr. Sivakumar	82.90
CH1303	Solid mechanics for technologists	Dr. Gowri	88.35

**HOD**  
**Dr. N. VENKATESH, M.TECH., Ph.D.,**  
**HOD - Student Affairs**  
Department of CHEMICAL ENGG.  
St. JOSEPH'S COLLEGE OF ENGINEERING  
Old Mamallapuram Road, Chennai - 600 119.  
Tamil Nadu, India

**PRINCIPAL**  
PRINCIPAL  
St. JOSEPH'S COLLEGE OF ENGINEERING  
(AN AUTONOMOUS INSTITUTION)  
OLD MAMALLAPURAM ROAD,  
CHENNAI - 600 119





*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
St. Joseph's Group of Institutions  
OMR, Chennai - 119



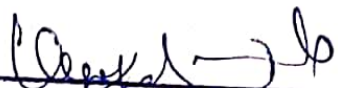
**Department of Chemical Engineering**

**Academic Year 2022-23 (ODD)**

**CONSOLIDATED REPORT OF STUDENT FEEDBACK ANALYSIS ON TEACHING FACILITY**

**III YEAR**

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
CH8501	Chemical process industries	Dr.N.Venkatesh (A) / Dr.S.Vinod Kumar (B)	98.60
CH8551	Mass transfer	Mr.Magesh	96.79
CH8591	Heat transfer	Dr.P.V.Renuka	99.04
CH8502	Chemical Reaction Engineering-I	Dr..B.S.Rathi	99.51
CH8002	Food technology	Ms.Lavanya	96.13
OCE551	Air pollution & control	Mr.Anand Kumar	97.43

  
**Dr. N. VENKATESH, M.TECH., Ph.D.,**  
**HOD - Student Affairs**  
Department of CHEMICAL ENGG.  
St. JOSEPH'S COLLEGE OF ENGINEERING  
Old Mamallapuram Road, Chennai - 600 119.  
Tamil Nadu, India

  
**PRINCIPAL**  
PRINCIPAL  
St. JOSEPH'S COLLEGE OF ENGINEERING  
(AN AUTONOMOUS INSTITUTION)  
OLD MAMALLAPURAM ROAD,  
CHENNAI - 600 119.



*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
St. Joseph's Group of Institutions  
OMR, Chennai - 119



**Department of Chemical Engineering**

**Academic Year 2022-23 (ODD)**

**CONSOLIDATED REPORT OF STUDENT FEEDBACK ANALYSIS ON TEACHING FACILITY**

**IV YEAR**

SUB CODE	SUBJECT	NAME OF THE STAFF	FEEDBACK PERCENTAGE
OME754	Industrial Safety	Dr S Vinod Kumar	96.63
CH8791	Transport Phenomena	Dr.B.S.Rathi	98.31
CH8078	Process Plant Utility	Ms.Lavanya	97.65
CH8701	Process Design Equipment	Mr.Anand Kumar	96.09
CH8093	Modern Separation Techniques	Dr.Sujatha	97.52

  
**HOD**

**Dr. N. VENKATESH, M.TECH., Ph.D.,**  
**HOD - Student Affairs**  
Department of CHEMICAL ENGG.  
St. JOSEPH'S COLLEGE OF ENGINEERING  
Old Mamallapuram Road, Chennai - 600 119.  
Tamil Nadu, India



**PRINCIPAL**  
PRINCIPAL  
St. JOSEPH'S COLLEGE OF ENGINEERING  
(AN AUTONOMOUS INSTITUTION)  
OLD MAMALLAPURAM ROAD,  
CHENNAI - 600 119.



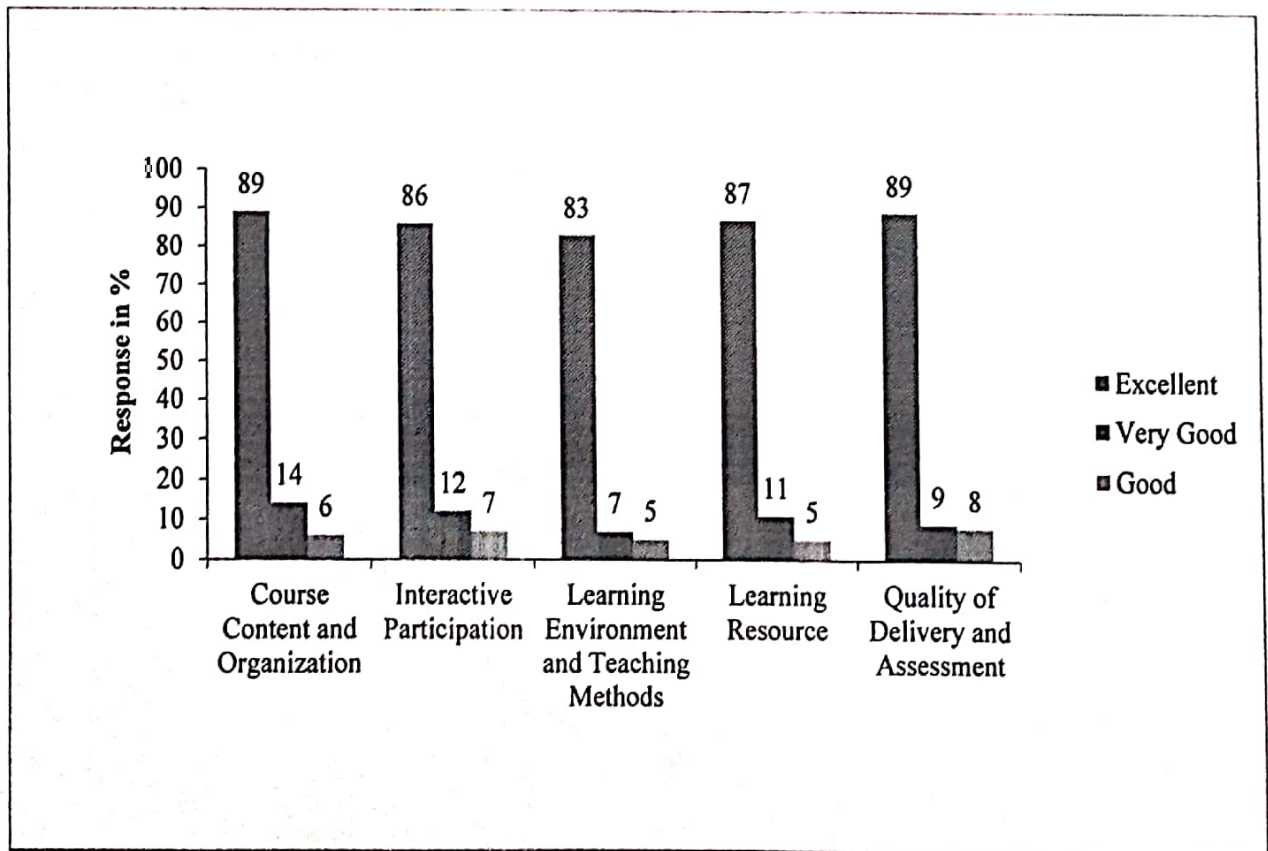


**COURSE EVALUATION – FEEDBACK BY STUDENT**

**SAMPLE REPORT**

**ACADEMIC YEAR 2022- 2023**

CORE QUESTIONS	%E	%VG	%G	%S	%NS
Course Content and Organization	88	9	4	0	0
Interactive Participation	90	8	3	0	0
Learning Environment and Teaching Methods	91	8	4	0	0
Learning Resource	89	6	5	0	0
Quality of Delivery and Assessment	90	8	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 & Organization, Interactive participation, Learning environment & teaching methods, Learning resource and Quality of delivery and assessment, Totally 164 students gave their feedback on curriculum for the academic year 2022-2023. 88% of the students population agreed that the allocation of course content are appropriate in relation to the level of course content is very much appropriate to the program, Majority of the students strongly agreed that the interactions by teachers with students are more feasible and reliable. Around 91% of the students agreed that they are equipped with necessary teaching methods required for their program. It is observed that 89% 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 90% of them are strongly agreed about the quality of delivery and the internal assessment for the specified program. 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.



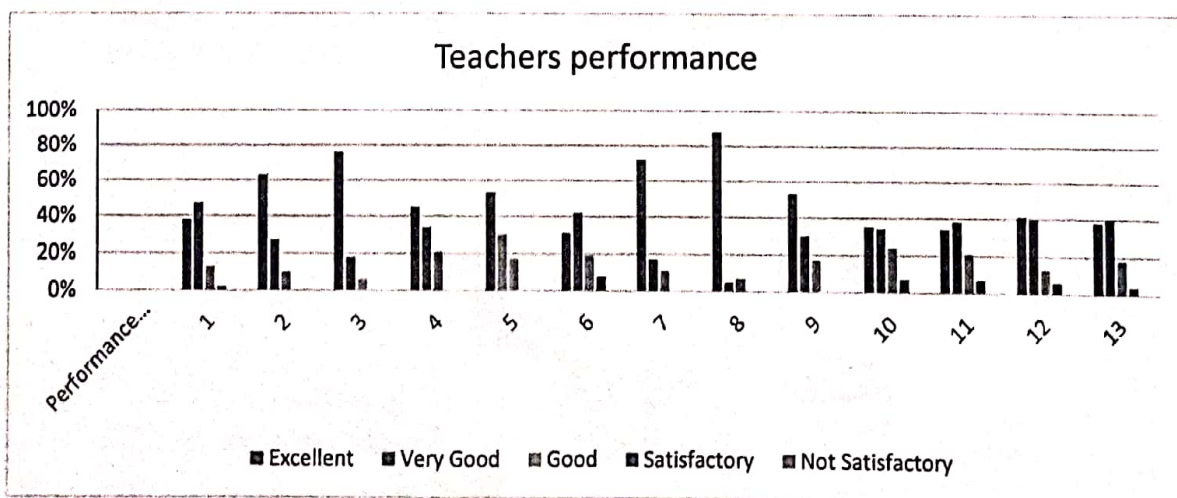


**St. JOSEPH'S COLLEGE OF ENGINEERING**  
**Department of Chemical Engineering**  
**TEACHER'S FEEDBACK ON CURRICULUM - ANALYSIS**  
 Academic Year: 2022-23



**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%	47%	13%	2%	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	76%	18%	6%	0%	0%
4.	The course has good balance between theory and application.	45%	34%	21%	0%	0%
5.	The course has made me interested in the subject area.	53%	30%	17%	0%	0%
6.	The course has increased knowledge potential in its application	31%	42%	19%	8%	0%
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	72%	17%	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.	88%	5%	7%	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	35%	34%	24%	7%	0%
11.	The electives offered are relevant to the specialization streams and to the technological advancements.	34%	38%	21%	7%	0%
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	41%	40%	13%	6%	0%
13.	Facilities are provided for teaching and to adopt current trends / research.	38%	40%	18%	4%	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 curriculum at the College is continually reviewed. The operation of the College's numerous committees increases the measures for quality sustenance and improvement, ensuring the successful development of curriculum. Mini-projects, student conferences, symposiums, and unique clubs in the college supplement the curriculum. In order to examine methods to improve the curriculum, academic disciplines, the teaching-learning process, and research and extension activities, the College has made it a practice to hold faculty meetings once at the beginning of each semester. Individual faculty members share their genuine opinions about the curriculum, research, and extension efforts during these meetings, and the topics are then argued and discussed. The appropriate councils are presented with the necessary ideas for implementation. In the Board of Studies, Department Advisory Committee, and Academic Council, where staff members have numerous opportunities to provide feedback on both the curriculum and the teaching and learning process, the faculty members are represented. Various industrial visits, guest lectures, value-added courses, and student workshops are organized to fill the gap in the curriculum based on the input received.

### Feedback analysis report:

- A flexible and choice-based credit system that allows students to take open electives, professional electives, and soft core electives provided by several departments.
- The examination of the instructors' input suggests that they have a high level of satisfaction with the curriculum's structure.
- Proposals to incorporate design experiments into a variety of laboratory courses to encourage students' imagination and ingenuity.
- Programmes in environmental engineering, professional ethics, employability skills, and communication are offered.
- The suggestions given by them related to specific subjects were noted for further action.
- Training programmes ought to be held to improve the student's pedagogical and managerial abilities.

  
HOD(CHEMICAL)

**Dr. N. VENKATESH, M.TECH., Ph.D.**  
**HOD - Student Affairs**  
Department of CHEMICAL ENGG.  
St. JOSEPH'S COLLEGE OF ENGINEERING  
Old Mamallapuram Road, Chennai - 600 112  
Tamil Nadu, India



*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF  
ENGINEERING**  
(An Autonomous Institution)  
**St. Joseph's Group of Institutions**



**OMR, Chennai - 119.  
ALUMNI SURVEY**

**Academic Year: 2022-23**

The alumni feedback emerged in response to demands from academicians and professionals, i.e., with the goal of bridging college life and career life and empowering recent graduates to take charge of their professional futures. The university thinks that alumni involvement is crucial, especially when it comes to creating curriculum-related events. A properly furnished and stocked library, essential computer facilities, and adequately stocked labs are the infrastructural priorities since they have a direct impact on the quality of education. Only if there were qualified educators who could effectively communicate could there be decent education. Approximately 86% of graduates believe that the quality of a college education is great overall, whereas 14% of students agree. About 80% of alumni thought the college's programmes were of excellent overall quality, and 20% thought they were very good. Below is a summary of the department's overall strengths and weaknesses according to its alumni.

**Strength**

1. Excellent Academics
2. Versatile faculty members
3. Organized 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 must be included in the curriculum.

**Feedback analysis report**

It is evident from the feedback analysis report, that almost all the alumni 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.





*You Choose, We Do It*

# St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

**St. Joseph's Group of Institutions**

OMR, Chennai - 119.



## EXIT SURVEY ANALYSIS

Batch:2019-2023

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	9	1	0	0	0
Information retrieval skill	9	1	0	0	0
Creative skills	8	2	0	0	0
Teamwork	9	1	0	0	0
Engineering problem solving skills	9	1	0	0	0
Professional integrity	8	2	0	0	0
Communication skill	9	1	0	0	0
Continuing education awareness	9	1	0	0	0
Social awareness	8	2	0	0	0
Professional development	8	2	0	0	0
<b>Total</b>	<b>86</b>	<b>14</b>			







*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF  
ENGINEERING**  
(An Autonomous Institution)  
**St. Joseph's Group of Institutions**



OMR, Chennai - 119.

Analysis Report of Exit survey 2019-2023 Batch

**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.



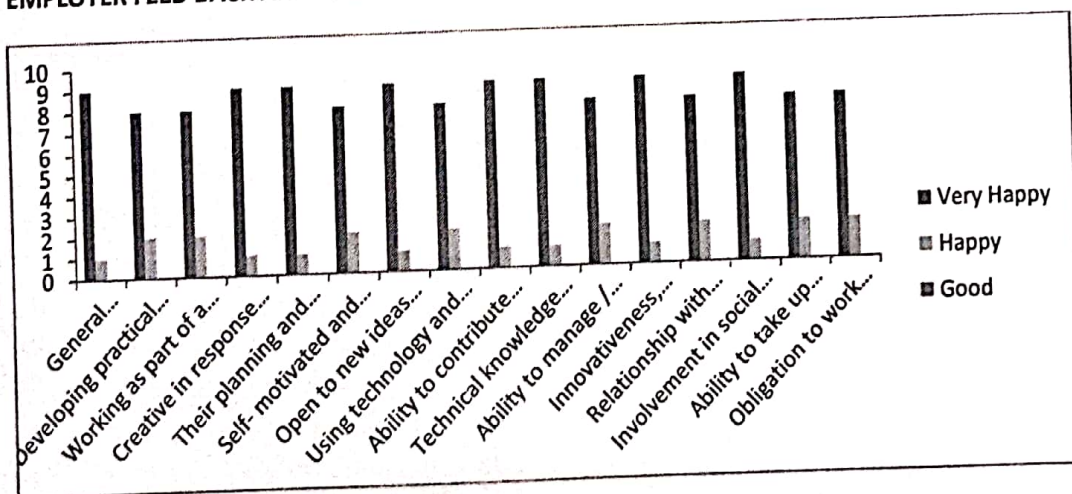
*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
 (An Autonomous Institution)  
**St. Joseph's Group of Institutions**  
 OMR, Chennai - 119



DEPARTMENT OF CHEMICAL ENGINEERING  
 ACADEMIC YEAR: 2022-2023  
**EMPLOYER FEED BACK ANALYSIS**

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

Grade: 5-Very happy 4-Happy, 3-Good, 2- Satisfied, 1- Not satisfactory (Use the following scale for grading)  
 Remark if any: (Please specify any changes required in syllabus or department or College)  
**EMPLOYER FEED BACK ANALYSIS**





*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
**St. Joseph's Group of Institutions**  
OMR, Chennai - 119



**DEPARTMENT OF CHEMICAL ENGINEERING**

**FEED BACK:**

- The students should be encouraged to learn new trends and apply the same in their project ventures.
- Students should be able to extend and transcend by adapting to newer technologies.





*You Choose, We Do It*  
**St. JOSEPH'S COLLEGE OF ENGINEERING**  
(An Autonomous Institution)  
**St. Joseph's Group of Institutions**  
OMR, Chennai - 119



**DEPARTMENT OF CHEMICAL ENGINEERING**

**Vision of Department**

- To provide a 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 environment
- To enrich the Chemical Engineering Knowledge through research & innovation
- To have the skill of students to succeed in Chemical Industry

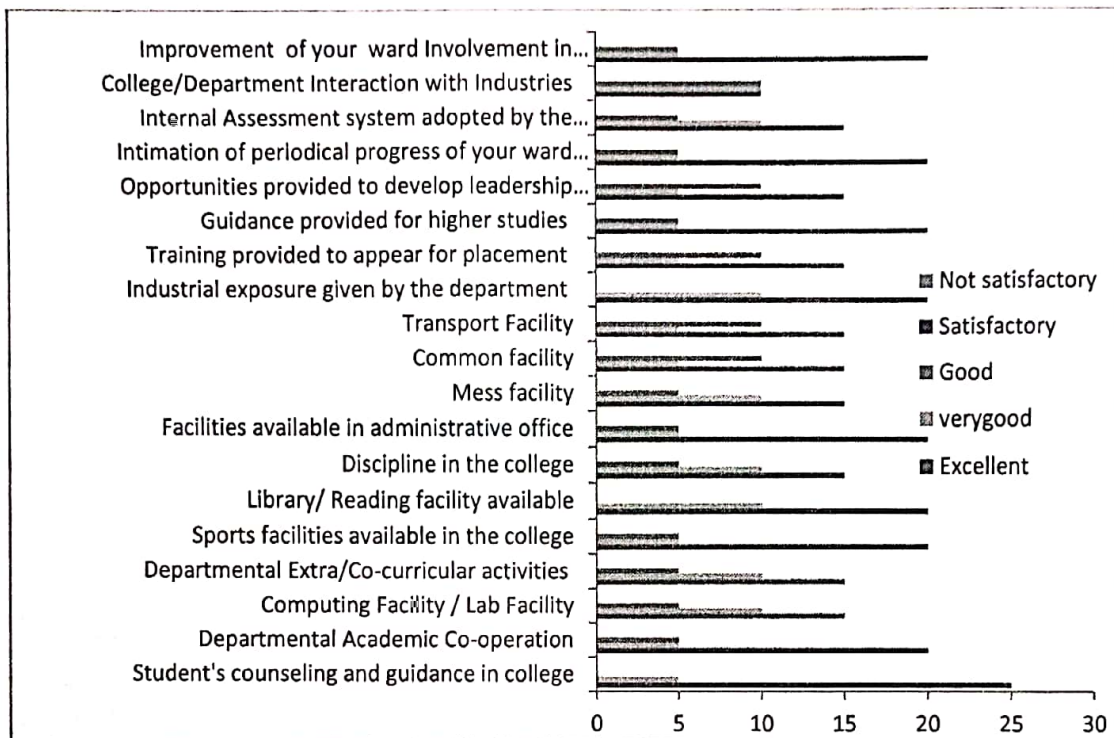
**FEEDBACK ANALYSIS OF PARENTS**

**Academic year – 2022-2023**

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

**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)**



**FEED BACK:**

- Student should be given more access to e-Journals.
- Department related activities can be increased.
- College interaction with industries can be improved.
- Administration facilities can be improved.