



St. JOSEPH'S COLLEGE OF ENGINEERING
(An Autonomous Institution)
Old Mamallapuram Road, Chennai-600119
Department of Instrumentation and Control Engineering

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

Academic Year: 2020-21

S. No	Feedback	Action Taken
1.	Students suggested the need for job oriented courses, training for facing interviews during campus selection.	The department organizes technical events like workshops, certificate courses, etc. to improve technical skills of students
2.	Faculty-student interaction may be enhanced. Smart class programmes may be made effective	Google classrooms were also used for effective curriculum delivery and to improve faculty-students interactions.
3.	Focus more on research-based teaching	Department organized talks by industrial experts and alumni.
4.	Focus more on practical aspects. Projects should be given more weightage as evaluation component	Students were encouraged to take up research based on application projects

Dr. T. BABU, M.E., Ph.D
Head of The Department,
Department of Instrumentation & Control Engg.
St. Joseph's College of Engineering
Chennai-600 119.

Principal
PRINCIPAL
ST. JOSEPH'S COLLEGE OF ENGINEERING
(A CHRISTIAN MINORITY INSTITUTION)
JEPPIAAR EDUCATIONAL TRUST,
OLD MAMALLAPURAM ROAD,
CHENNAI-600 119.



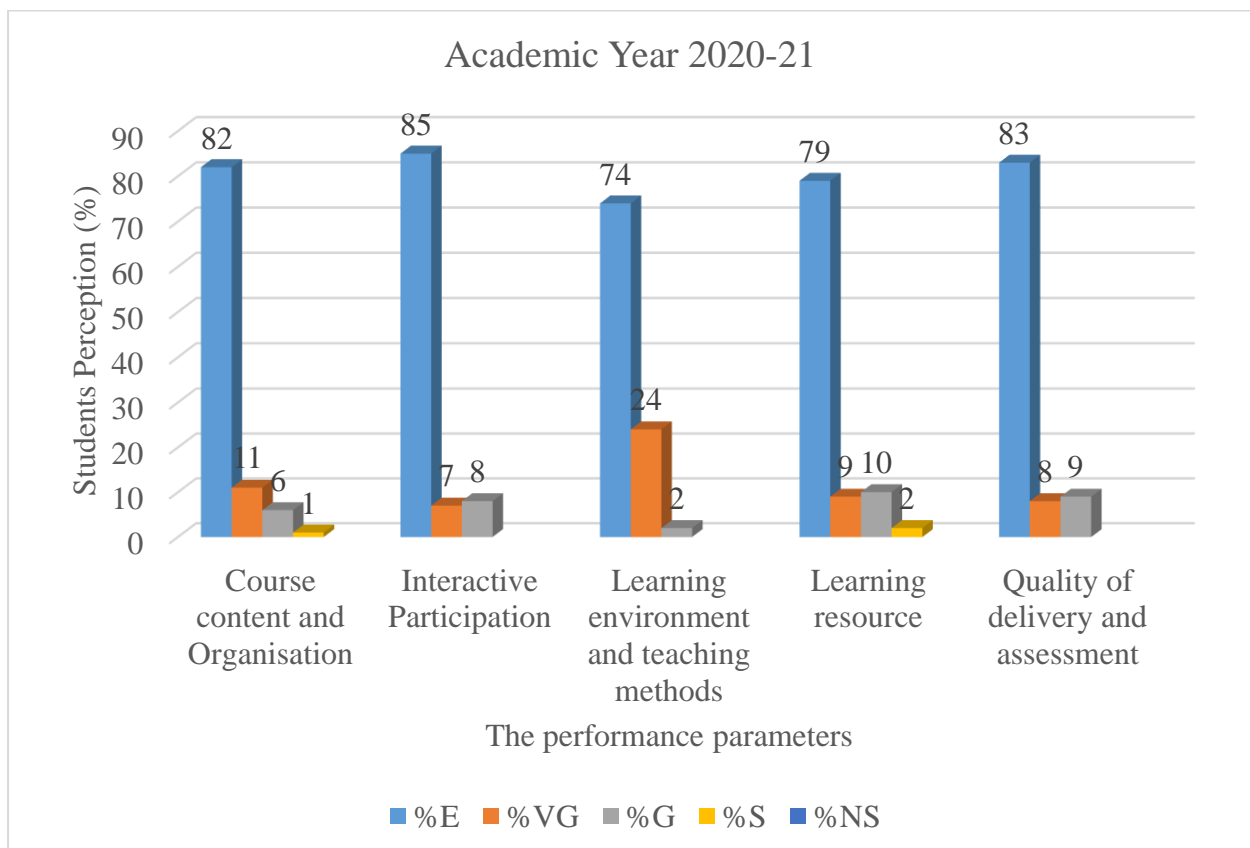
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COURSE EVALUATION –FEEDBACK BY STUDENT

REPORT

ACADEMIC YEAR: 2020-21

CORE QUESTIONS	%E	%VG	%G	%S	%NS
Course content and Organisation	82	11	6	1	
Interactive Participation	85	7	8		
Learning environment and teaching methods	74	24	2		
Learning resource	79	9	10	2	
Quality of delivery and assessment	83	8	9		



Students' Feedback

Set of questionnaire were prepared as per vision and mission of the institution and department. It has questions related to Course content & Organization, Interactive participation, Learning environment & teaching methods, Learning resource and Quality of delivery and assessment. Totally 83 students gave their feedback on curriculum for the academic year 2020-21. 82% of the students agreed that the allocation of course content is appropriate. Majority of the students strongly agreed that the interaction by teachers with students are more feasible and reliable. Around 74 % of the students agreed that they are equipped with necessary teaching methods required for their programme. It is observed that 79% of the students agreed that the provision for learning resource in library was adequate and appropriate. The feedback revealed that 83% of them strongly agreed about the quality of delivery and the internal assessment for the specified programme.

Feedback analysis report

- The students are satisfied with the quality of content delivery and teaching methodologies
- The students are satisfied with the curriculum and need training for current job opportunity related subjects.



Form-II

St. JOSEPH'S COLLEGE OF ENGINEERING
(An Autonomous Institution)
OMR, CHENNAI -600 119
Department of Instrumentation and Control Engineering
TEACHER'S FEEDBACK ON CURRICULUM
Academic Year: 2020-21

Vision of Department

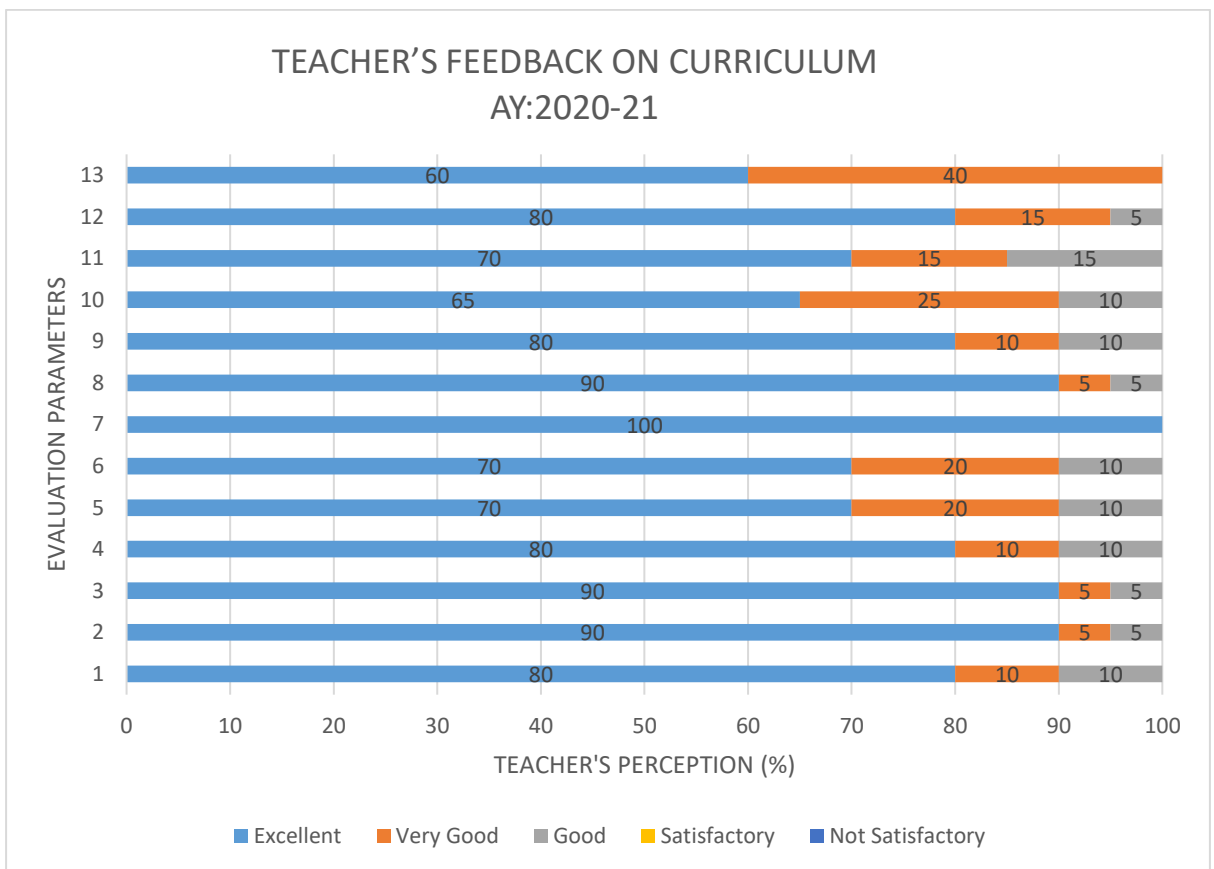
To become a center for excellence in the field of instrumentation and control engineering to enriching the students with quality education, contemporary technologies to meet the global needs.

Mission of Department

- To nurture the students with strong foundations to enable them emerge into competent instrumentation and Control Engineers.
- To enhance the core competency of the students to cater to the needs of the industries and research organizations.
- To Encourage Budding Engineers to keep in updating current technological trends through continuing educational programs.

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	80	10	10		
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	90	5	5		
3.	Sufficient number of prescribed books are available in the library	90	5	5		
4.	The course has good balance between theory and application.	80	10	10		
5.	The course has made me interested in the subject area.	70	20	10		
6.	The course has increased knowledge potential in its application	70	20	10		
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	100				
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.	90	5	5		
9.	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration and student's participations.	80	10	10		
10.	Syllabus contain necessary technical skills for the students to face the industry needs	65	25	10		
11.	The electives offered are relevant to the specialization streams and to the technological advancements.	70	15	15		
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	80	15	5		
13.	Facilities are provided for teaching and to adopt current trends / research.	60	40			



TEACHER'S FEEDBACK ON CURRICULUM

Academic Year: 2020-21

As per the suggestions given by teachers, the Institution would like to include the following Curriculum Aspects which enrich the curriculum:

- ✓ Courses on Artificial Intelligence and Machine Learning.
- ✓ Hands on training for latest simulation software has been conducted
- ✓ Advised the students to do online courses based on current research areas.
- ✓ Industrial experts to handle special sessions for industry oriented courses.

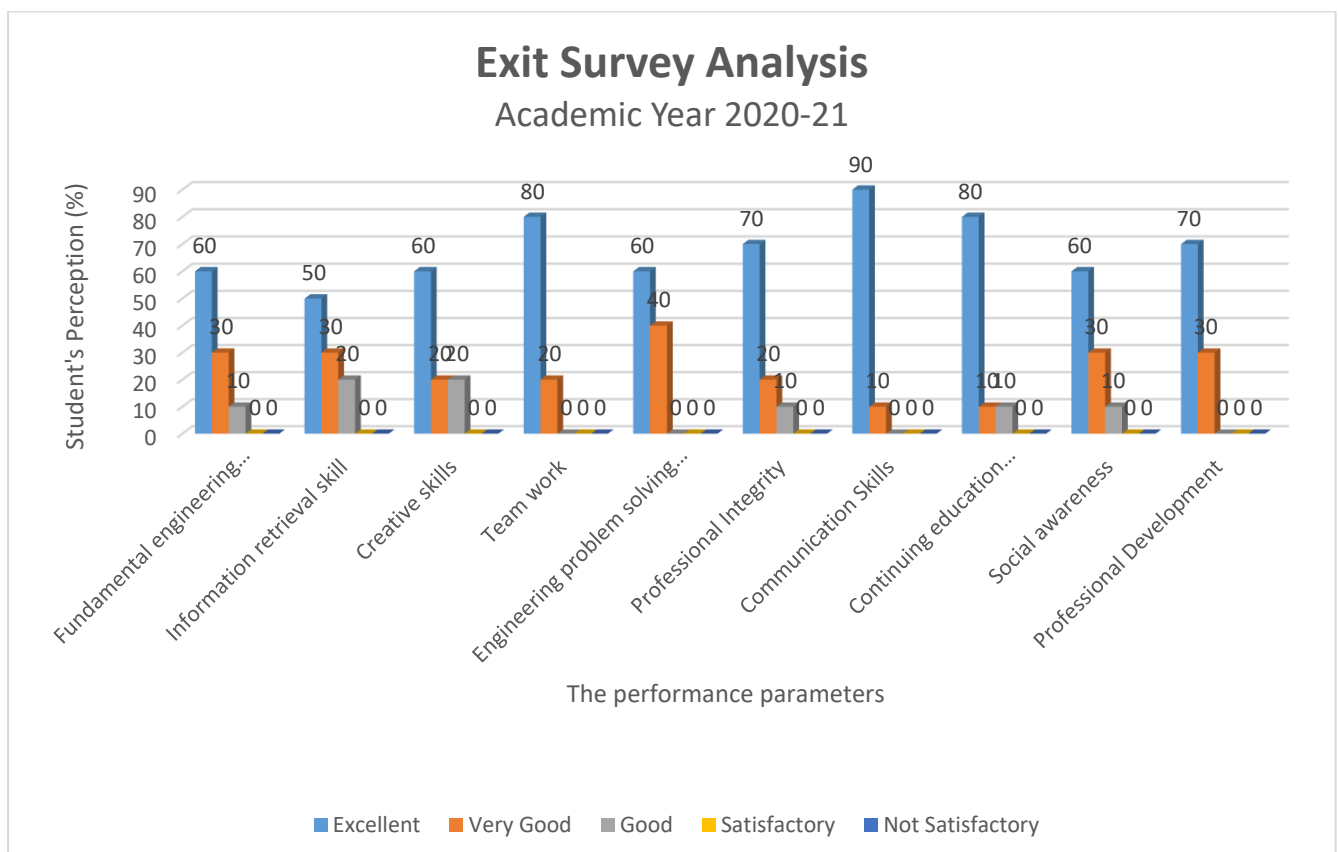


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Department of Instrumentation and Control Engineering

EXIT SURVEY ANALYSIS

BATCH: 2017-21

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	60	30	10	0	0
Information retrieval skill	50	30	20	0	0
Creative skills	60	20	20	0	0
Team work	80	20	0	0	0
Engineering problem solving skills	60	40	0	0	0
Professional Integrity	70	20	10	0	0
Communication Skills	90	10	0	0	0
Continuing education awareness	80	10	10	0	0
Social awareness	60	30	10	0	0
Professional Development	70	30	0	0	0



Analysis Report of Exit survey
Batch: 2017-21

- ✓ Need more online Placement training programs.
- ✓ Need more industry interaction.
- ✓ Current trend subjects to be included in the syllabus
- ✓ Exposure about various core industry job opportunity.



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Department of Instrumentation and Control Engineering

Alumni Survey

Academic Year: 2020-21

Alumni feedback was obtained from nearly 20 alumni for the academic year 2020-21. 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 evaluated the developmental activities rendered by the college for their overall Development as highly efficient.

Student teacher relationship, 90% of them rated that as highly effective.

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. Excellent placement training program to improve the placement opportunities
2. Employability skills related programs organized regularly.
3. Excellent infrastructure facilities.

Weakness

1. Updated syllabus to be included based on current scenario.
2. More number technical talk from industry experts.
3. Involve alumni in BOS and take their suggestions.
4. Online mode of teaching tools may be made effective



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Academic Year 2020-21

Feedback Analysis of Stakeholders and Actions Taken Report

S.NO	Stakeholder	Feedback	Actions Taken
1.	Student	Students suggested the need for job oriented courses, training for facing interviews during campus selection.	Carrier guidance programs were given and soft skills workshops were also organized.
2.	Teacher	Hands on training for AI/ML/NLP must be included.	Organised workshops and Webinar to learn about AI,ML,NLP.
		Apart from regular teaching, Social awareness and human values to be imparted to students.	Organized events and awareness programmes through Placement Cell pertaining to social values.
3.	Alumni	Focus more on practical aspects. Projects should be given more weightage as evaluation component.	Students were encouraged to take up research based on application projects
		Focus more on inter-disciplinary activities of many courses.	open electives gives free hands to students to opt courses from interdisciplinary courses
4.	Employers	Students need to be aware of industry exposure	Invited resource persons from industries were made to address the students
5.	Parents	Practical Knowledge to be imparted which will help them to face real life situations.	Encouraged the students to do Mini-Project models, and for participating in competitions organised by other institutions.

HOD / ICE

Principal



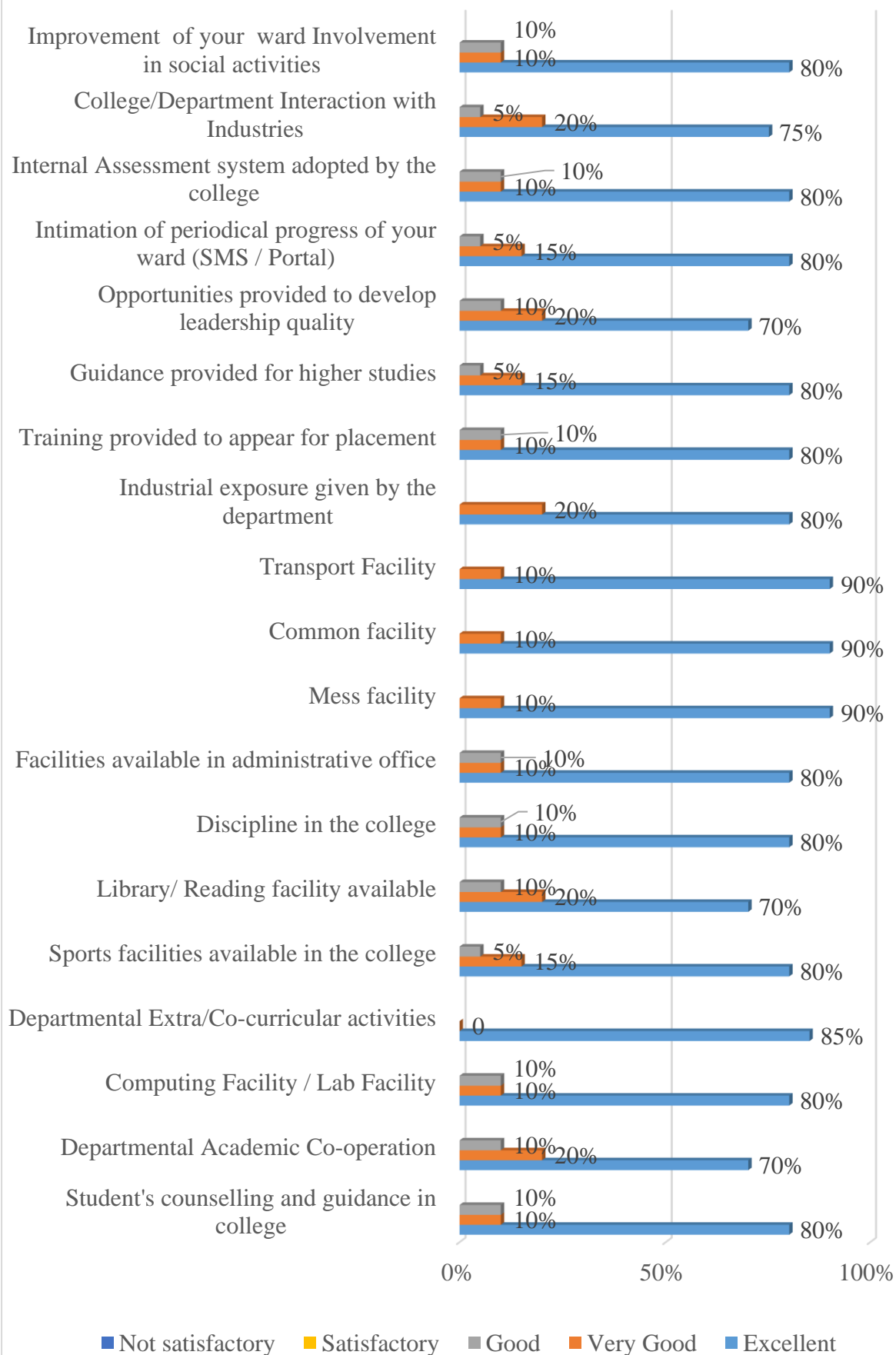
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Feedback Analysis of Parents

Academic Year : 2020-21

S. No.	Particulars	Excellent	Very Good	Good	Satisfactory	Not satisfactory
1.	Student's counselling and guidance in college	80%	10%	10%		
2.	Departmental Academic Co-operation	70%	20%	10%		
3.	Computing Facility / Lab Facility	80%	10%	10%		
4.	Departmental Extra/Co-curricular activities	85%	15%			
5.	Sports facilities available in the college	80%	15%	5%		
6.	Library/ Reading facility available	70%	20%	10%		
7.	Discipline in the college	80%	10%	10%		
8.	Facilities available in administrative office	80%	10%	10%		
9.	Mess facility	90%	10%			
10.	Common facility	90%	10%			
11.	Transport Facility	90%	10%			
12.	Industrial exposure given by the department	80%	20%			
13.	Training provided to appear for placement	80%	10%	10%		
14.	Guidance provided for higher studies	80%	15%	5%		
15.	Opportunities provided to develop leadership quality	70%	20%	10%		
16.	Intimation of periodical progress of your ward (SMS / Portal)	80%	15%	5%		
17.	Internal Assessment system adopted by the college	80%	10%	10%		
18.	College/Department Interaction with Industries	75%	20%	5%		
19.	Improvement of your ward Involvement in social activities	80%	10%	10%		

Feedback Analysis of Parents





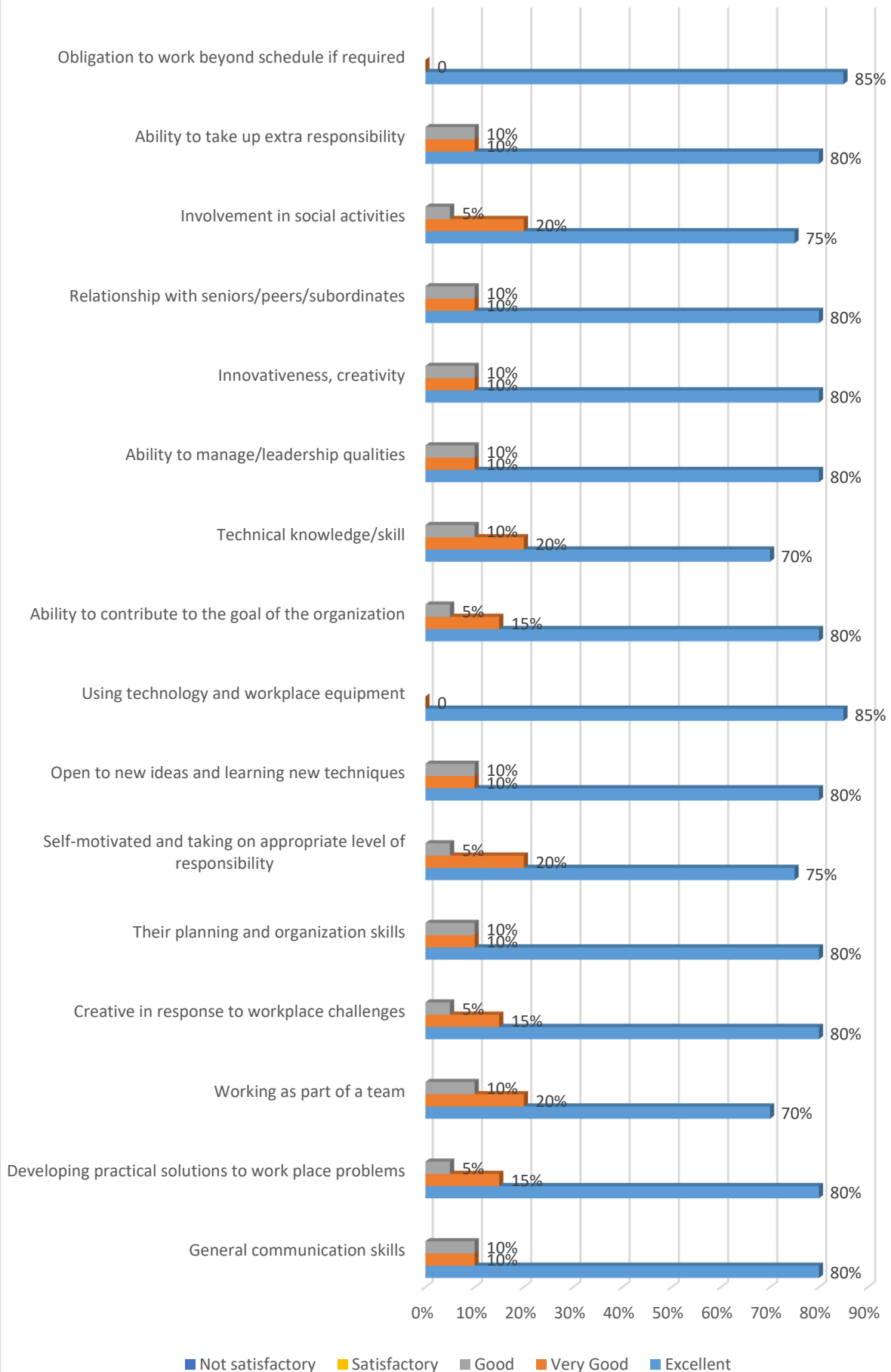
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Employer Feedback

Academic Year : 2020-21

S. No.	Particulars	Excellent	Very Good	Good	Satisfactory	Not satisfactory
1.	General communication skills	80%	10%	10%		
2.	Developing practical solutions to work place problems	80%	15%	5%		
3.	Working as part of a team	70%	20%	10%		
4.	Creative in response to workplace challenges	80%	15%	5%		
5.	Their planning and organization skills	80%	10%	10%		
6.	Self-motivated and taking on appropriate level of responsibility	75%	20%	5%		
7.	Open to new ideas and learning new techniques	80%	10%	10%		
8.	Using technology and workplace equipment	85%	15%			
9.	Ability to contribute to the goal of the organization	80%	15%	5%		
10.	Technical knowledge/skill	70%	20%	10%		
11.	Ability to manage/leadership qualities	80%	10%	10%		
12.	Innovativeness, creativity	80%	10%	10%		
13.	Relationship with seniors/peers/subordinates	80%	10%	10%		
14.	Involvement in social activities	75%	20%	5%		
15.	Ability to take up extra responsibility	80%	10%	10%		
16.	Obligation to work beyond schedule if required	85%	15%			

Employer Feedback





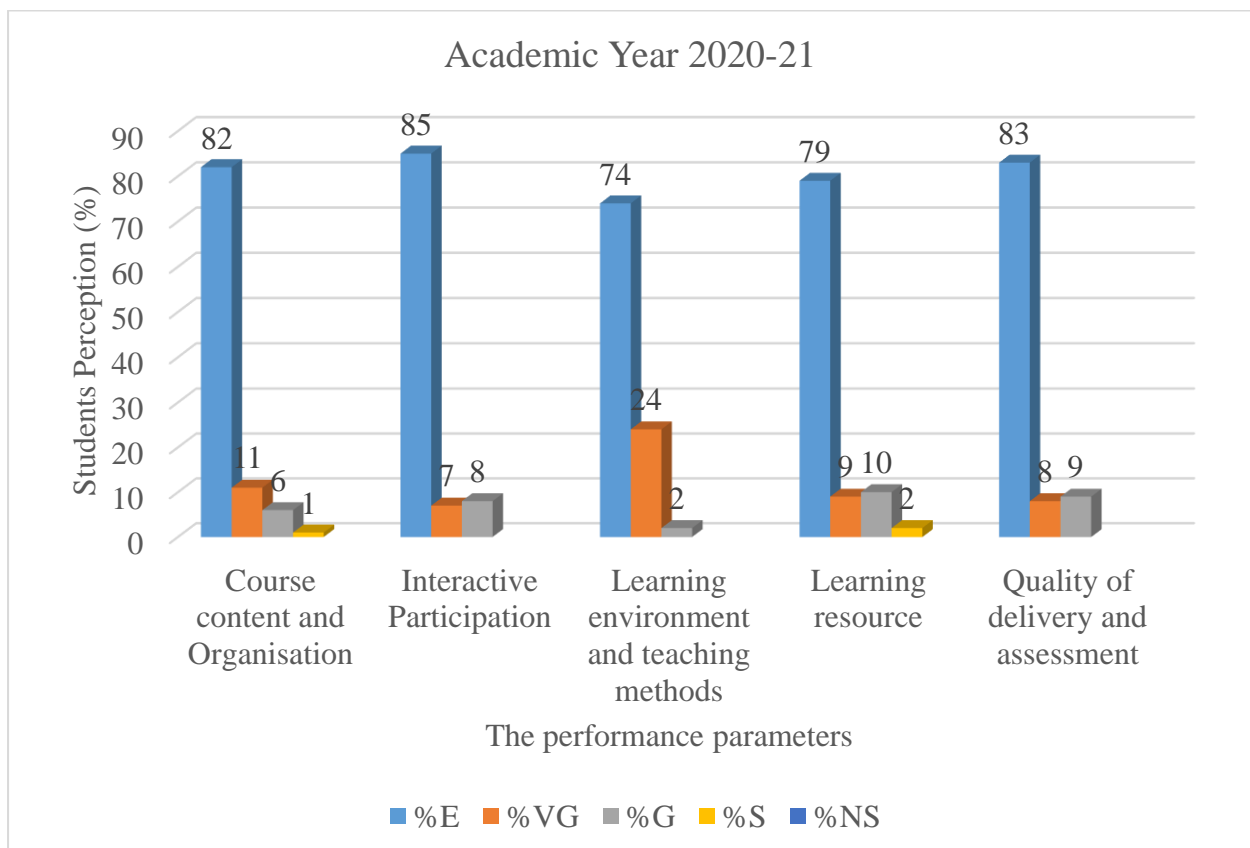
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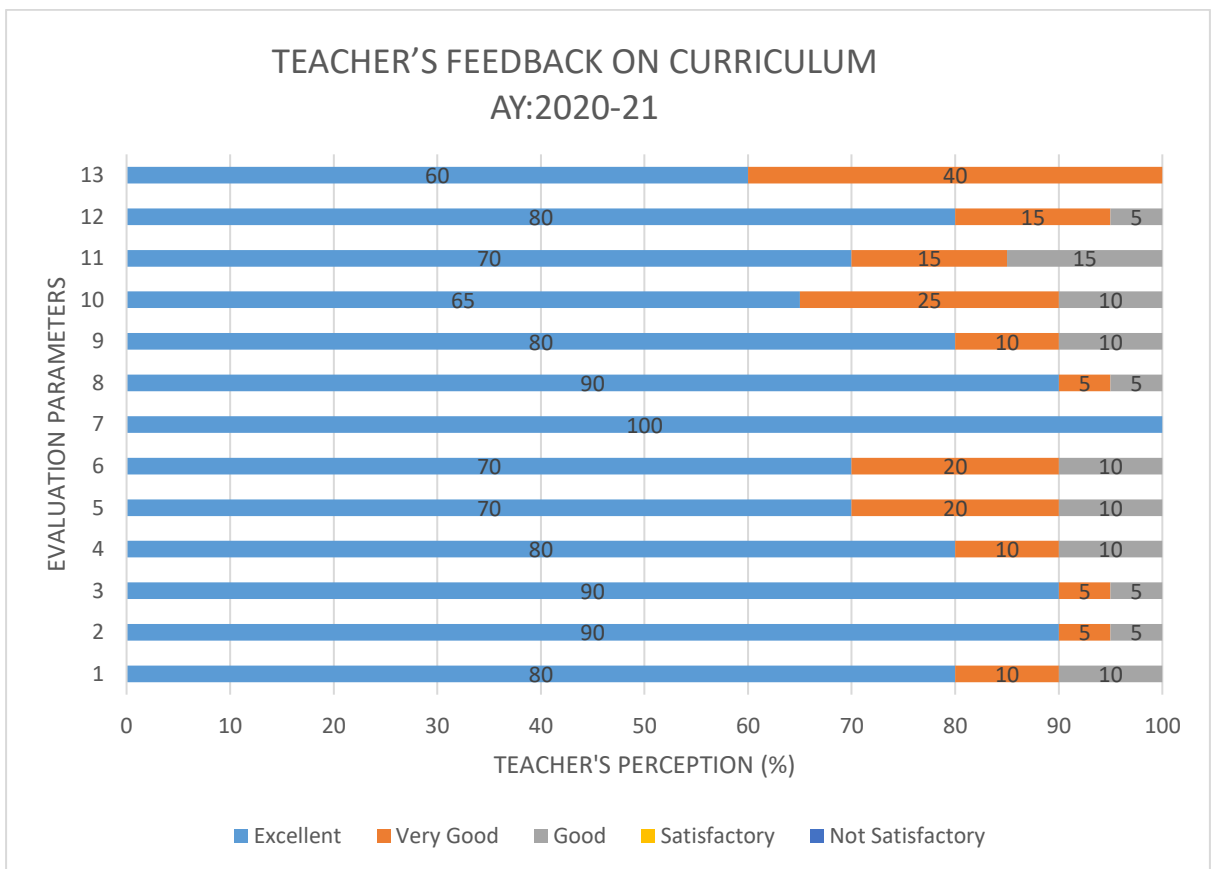
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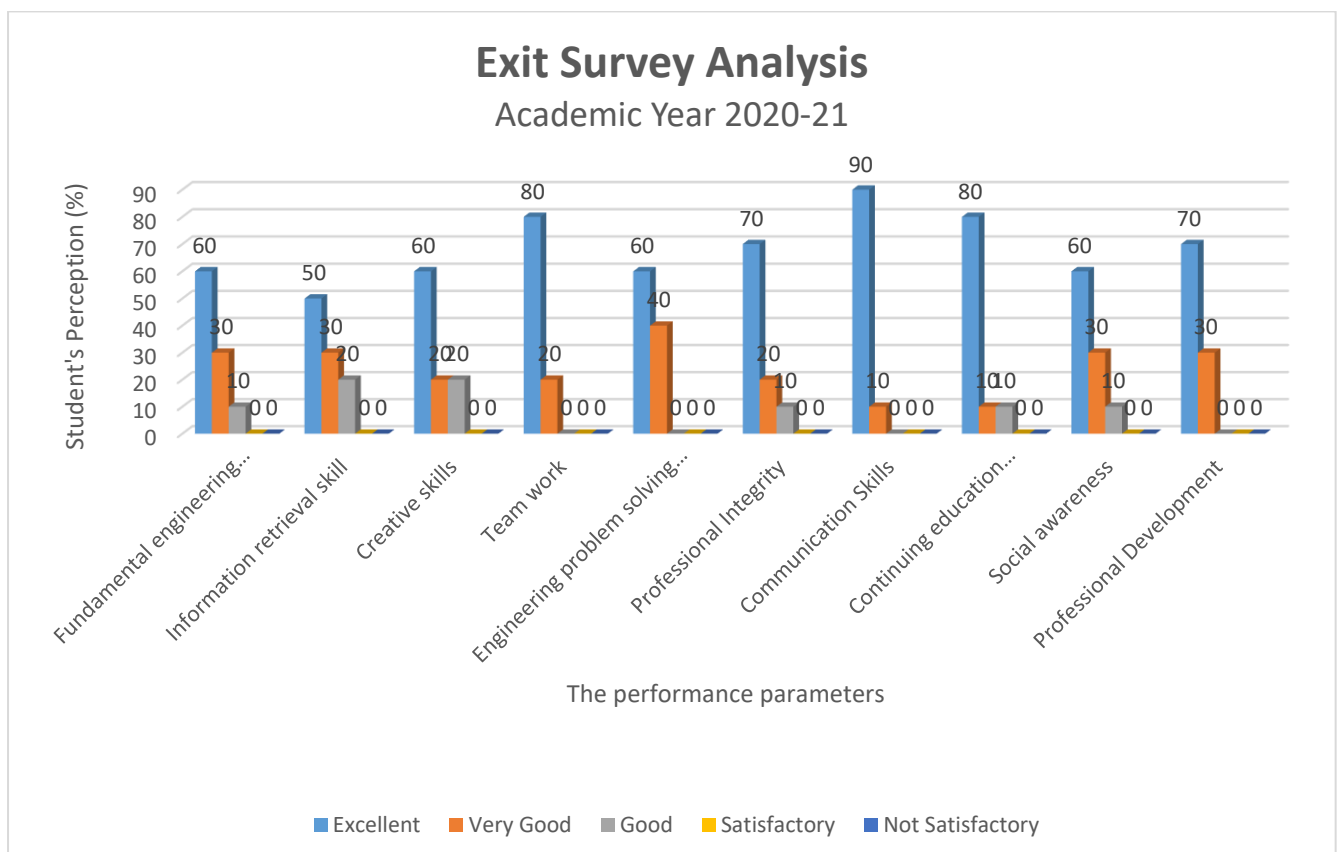


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Analysis Report of Exit survey
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4.	Employers	Students need to be aware of industry exposure	Invited resource persons from industries were made to address the students
5.	Parents	Practical Knowledge to be imparted which will help them to face real life situations.	Encouraged the students to do Mini-Project models, and for participating in competitions organised by other institutions.


HOB/ICE

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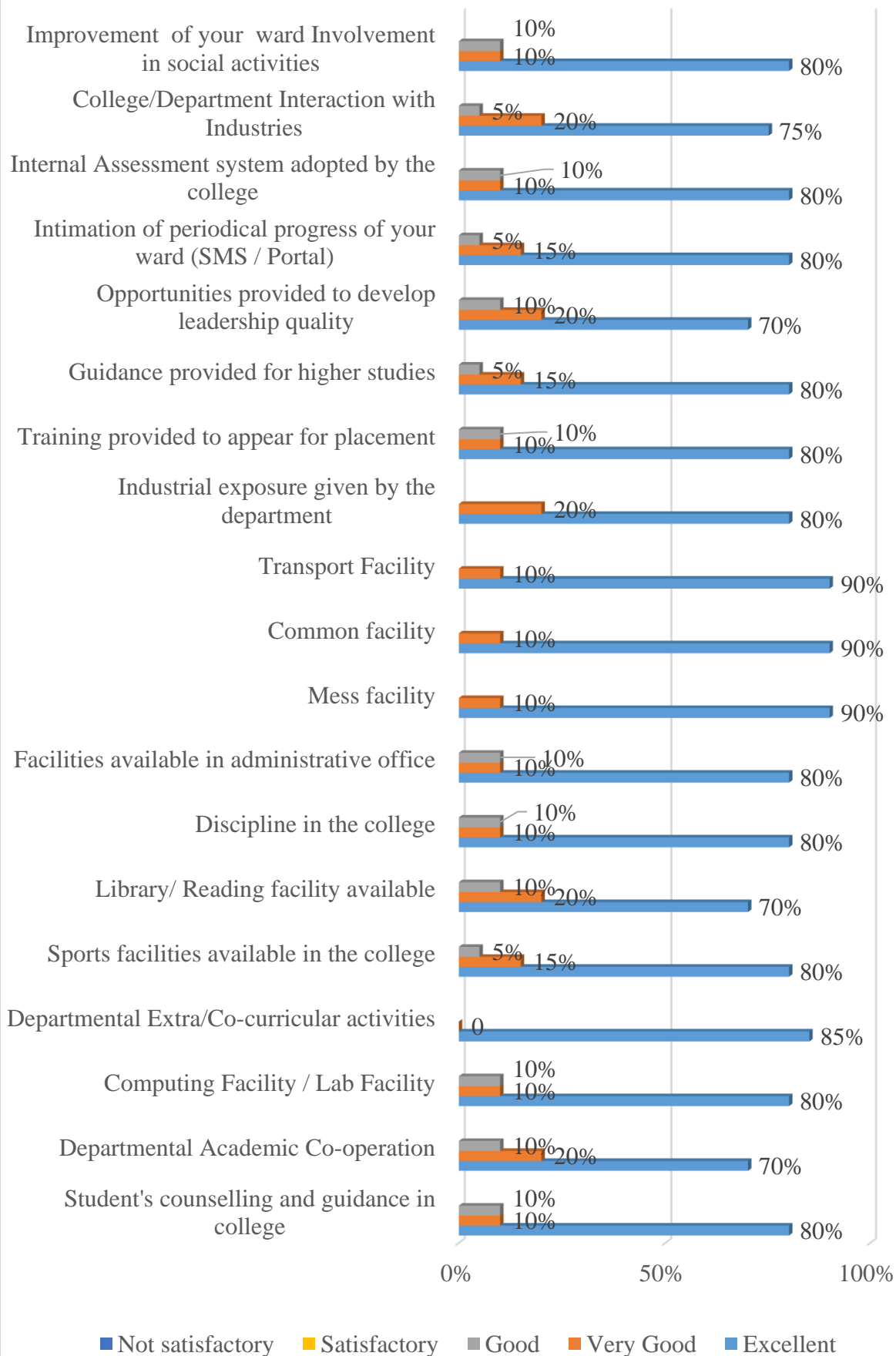
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Feedback Analysis of Parents

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Feedback Analysis of Parents





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Employer Feedback

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Employer Feedback

