



St. JOSEPH'S COLLEGE OF ENGINEERING
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: 2014-15

S. No	Feedback	Action taken
1.	Project based learning may be introduced, Special topics recommended from industry may be conducted	Organizing technical seminar, Encouraging Mini projects and Internship provision to students
2.	Communication and life skills related courses will be handled more effectively.	Conducting courses on communication skills / Professional ethics / Environmental Engineering and Employability Skills
3.	Online exam should be conducted	Online examinations are conducted and strictly followed by the department.
4.	In laboratory we need additional experiments which can be implemented in projects.	Suggested to additional design experiments in laboratory courses for stimulating creativity and innovation in students
5.	Must conduct workshops on upcoming technologies.	✓ Workshops conducted on IOT based applications. ✓ Plan to conduct new technology workshops in future.
6.	Conduct more activity like Group discussion and mock interview.	✓ Placement training programme for third and final year students arranged ✓ ONLINE practice test conducted.

Dr. C. SELVAKUMAR, M.E., Ph.D.,
Professor & Head

Department of Instrumentation And Control Engineering
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.



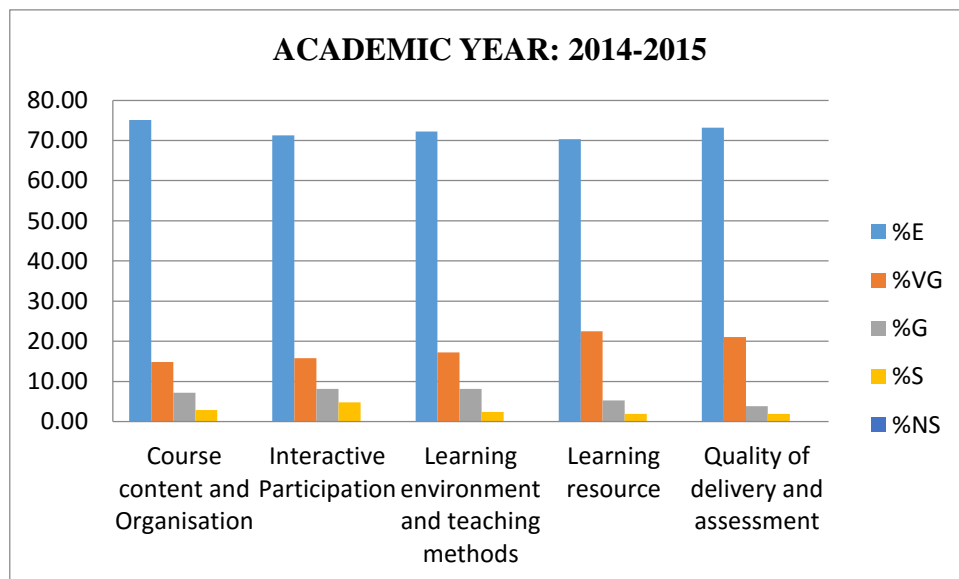
St. JOSEPH'S COLLEGE OF ENGINEERING
OMR, CHENNAI -600 119
Department of Instrumentation and Control Engineering
COURSE EVALUATION –FEEDBACK BY STUDENT

COURSE EVALUATION –FEEDBACK BY STUDENT

REPORT

ACADEMIC YEAR: 2014-2015

CORE QUESTIONS	%E	%VG	%G	%S	%NS
Course content and Organisation	75.12	14.83	7.18	2.87	0.00
Interactive Participation	71.29	15.79	8.13	4.78	0.00
Learning environment and teaching methods	72.25	17.22	8.13	2.39	0.00
Learning resource	70.33	22.49	5.26	1.91	0.00
Quality of delivery and assessment	73.21	21.05	3.83	1.91	0.00




Students' Feedback

- ✓ Set of questionnaire were prepared as per vision and mission of the institution and department.
- ✓ Questions related to Course content & Organisation, Interactive participation, Learning environment & teaching methods, Learning resource and Quality of delivery and assessment.
- ✓ Totally 55 students gave their feedback on curriculum for the academic year 2014-2015. 75% 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 72% of the students agreed that they are equipped with necessary teaching methods required for their programme.
- ✓ It is observed that 70% of the students agreed that the provision for learning resource in library was adequate and appropriate.
- ✓ The feedback revealed that 73% of them strongly agreed about the quality of delivery and the internal assessment for the specified programme.

Feedback analysis report

- ✓ From the analysis of the students' feedback it is revealed study environment and library facilities were adequate.
- ✓ Good book bank facility
- ✓ Special class to be arranged for weak students


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**Form-II**

St. JOSEPH'S COLLEGE OF ENGINEERING
OMR, CHENNAI -600 119
Department of Instrumentation and Control Engineering
TEACHER'S FEEDBACK ON CURRICULUM
Academic Year: 2014-15

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

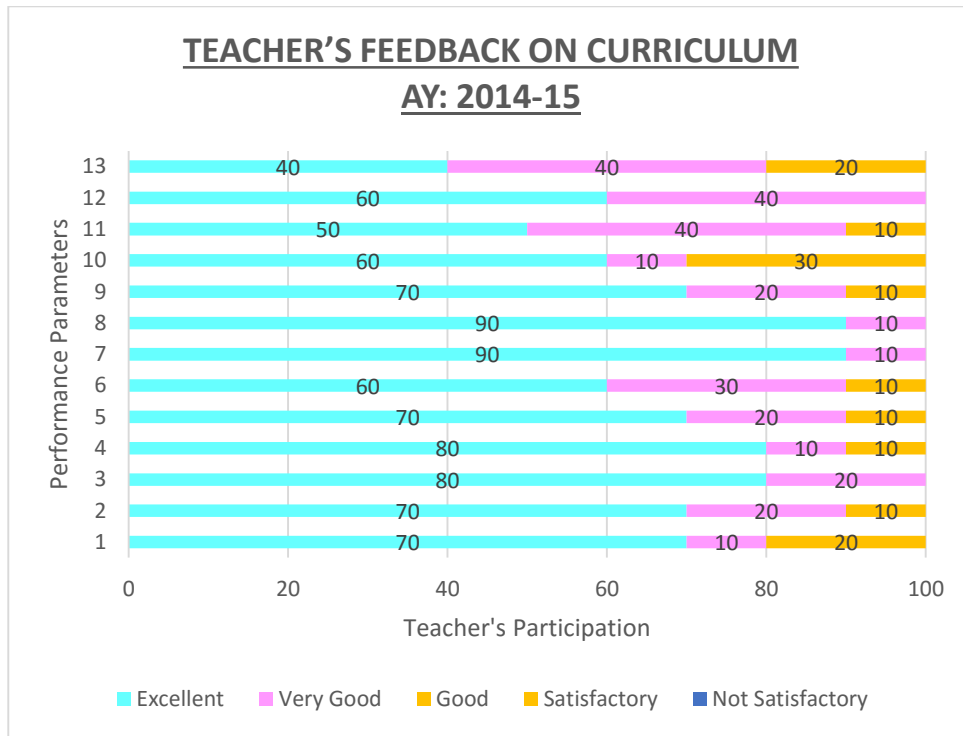
- To nurture the students with strong foundations to enable them, emerge into competent instrumentation and Control Engineers.
- To enhance the core competency of the students to cater to the needs of the industries and research organizations.
- To Encourage Budding Engineers to keep in updating current 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	70%	10%	20%		
2.	Course objectives and Outcomes of the course are well defined and clear to faculty and students	70%	20%	10%		
3.	Sufficient number of prescribed books are available in the library	80%	20%			
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	60%	30%	10%		
7.	Book facilities and other amenities like projectors, softwares etc., are available in the department	90%	10%			
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%	10%			
9.	I have the freedom to adopt new techniques of teaching such as seminar presentations, group discussions, demonstration and student's participations.	70%	20%	10%		
10.	Syllabus contain necessary technical skills for the students to face the industry needs	60%	10%	30%		
11.	The electives offered are relevant to the specialization streams and to the technological advancements.	50%	40%	10%		
12.	The laboratory experiments enhance the students in understanding the concepts and enable them to relate theory to practice (Experiential learning).	60%	40%			
13.	Facilities are provided for teaching and to adopt current trends / research.	40%	40%	20%		

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TEACHER'S FEEDBACK ON CURRICULUM

Academic Year: 2014-15

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

- ✓ Value added courses to improve technical skills and Courses on communication skills and employability skills.
- ✓ Need awareness about current issues in marketing as well as consciousness about opportunities for Service Industries which will be beneficial for students.
- ✓ Include new technologies to improve technical skills.


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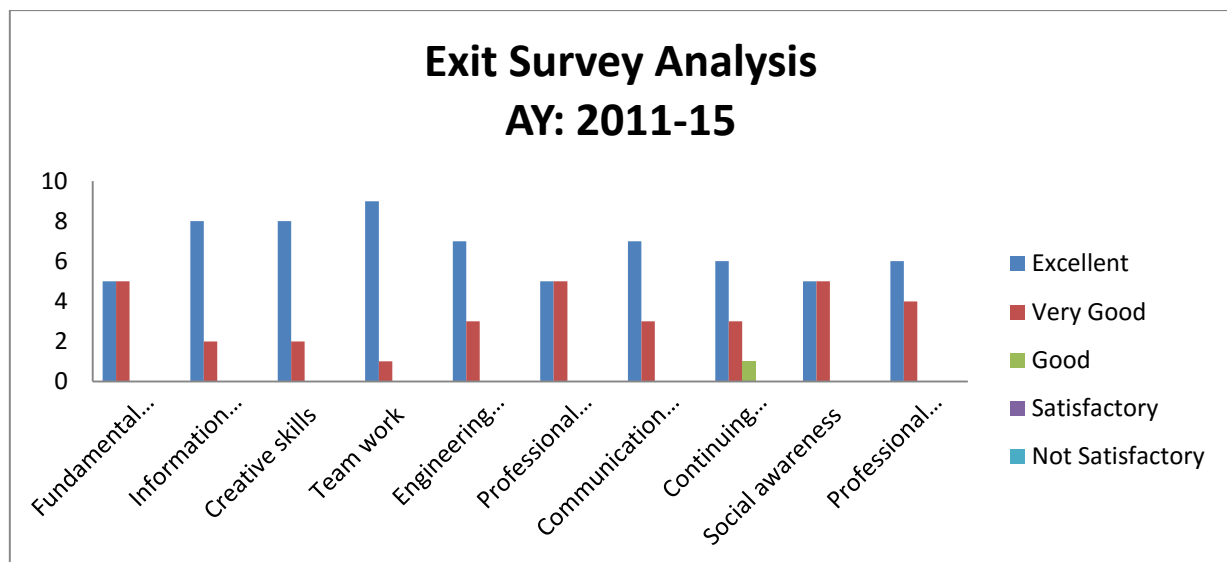
Form-III

St. JOSEPH'S COLLEGE OF ENGINEERING
OMR, CHENNAI -600 119
Department of Instrumentation and Control Engineering

EXIT SURVEY ANALYSIS

BATCH : 2011-15

Parameters	Excellent	Very Good	Good	Satisfactory	Not Satisfactory
Fundamental engineering analysis skill	5	5	0	0	0
Information retrieval skill	8	2	0	0	0
Creative skills	8	2	0	0	0
Team work	9	1	0	0	0
Engineering problem solving skills	7	3	0	0	0
Professional Integrity	5	5	0	0	0
Communication Skills	7	3	0	0	0
Continuing education awareness	6	3	1	0	0
Social awareness	5	5	0	0	0
Professional Development	6	4	0	0	0
Total	66	33	1	0	0



Analysis Report of Exit survey 2011-15 Batch

- ✓ Professional development courses to be arranged from the second year onwards.
- ✓ More training program to be arranged related to core company jobs.
- ✓ Very good medical care is available for both boys and girls hostel students.
- ✓ Excellent lab facility in the department
- ✓ Highly motivated and helping tendency faculty
- ✓ Encouraged the students to participate in national and international conferences.
- ✓ Special coaching is arranged for hostel students.
- ✓ Dedicated and highly qualified faculty
- ✓ NGO visits helped the students to involve in the social activities.



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**St. JOSEPH'S COLLEGE OF ENGINEERING
OMR, CHENNAI -600 119**

Department of Instrumentation and Control Engineering

Alumni Survey

Academic Year: 2014-15

- ✓ Alumni feedback was obtained from nearly 10 alumni for the 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.
- ✓ The overall strength and weakness of the department from the alumni are summarized below.

Strength

1. Well planned academic schedule.
2. Placement training.
3. Good exposure towards program.
5. Faculties take effective care for improving student's education.

Weakness

1. Focus more on practical aspects.
2. Industrial experts must be invited to give guest lectures.
3. Interactive learning needs to be implemented.

Feedback analysis report

- ✓ Good Placement training program.
- ✓ Excellent hostel facilities
- ✓ Highly qualified and efficient teaching faculty.

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Students 'Feedback on Teacher

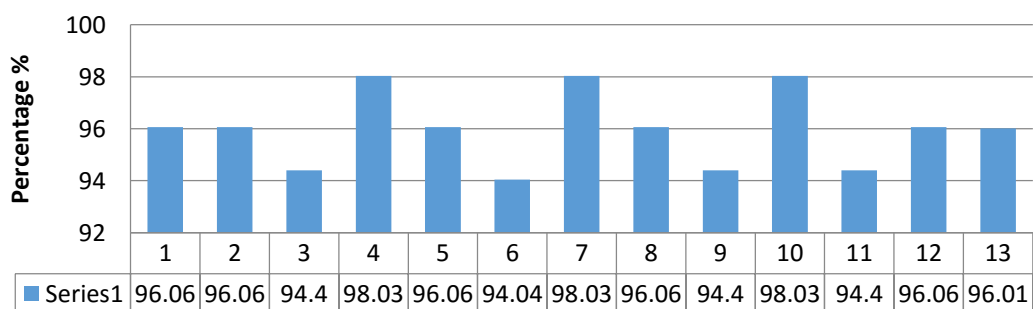
Name of the Faculty: Mr. R. Kottesswaren

Subject: Advance Control System

Class: III Year

S.No	Questions	VG	G	SAT	POVP	TOTAL	OUT OF	%	
1	Teacher comes to the class on time and engages (with well-prepared in the subjects) the classes till end.	50	10	1	0	0	293	305	96.06
2	Teacher speaks clearly and audibly.	50	10	1	0	0	293	305	96.06
3	Explanations are clear and effective and the proficiency in English.	45	15	1	0	0	288	305	94.4
4	Teacher is uploading in web portal immediately after completing the unit.	55	6	0	0	0	299	305	98.03
5	Teacher uses LCD in class	50	10	1	0	0	293	305	96.06
6	Teacher encourages questioning/ raising doubts by the students and answers them well.	45	15	1	0	0	288	305	94.04
7	Teacher works out more problems in the class	55	6	0	0	0	299	305	98.03
8	Teacher's courteous impartial and approachable in the class.	50	10	1	0	0	293	305	96.06
9	Teacher has control over the class and maintains discipline.	45	15	1	0	0	288	305	94.4
10	Teacher covers the syllabus completely at appropriate speed.	55	6	0	0	0	299	305	98.03
11	Teacher takes extra efforts for weak students.	45	15	1	0	0	288	305	94.4
12	Teacher is prompt and impartial in valuing and returning the answer scripts and providing feedback on student's performance.	50	11	0	0	0	293	305	96.06
							3514	3660	96.01

Performance analysis chart





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

Academic Year 2014-15

Feedback Analysis of Stakeholders on curriculum and Actions Taken Report

S.NO	Stakeholder	Feedback	Actions Taken
1.	Student	<ul style="list-style-type: none">✓ Hands on sessions required for core field.✓ More certification courses are needed. Required hands on session on advanced software tools	<ul style="list-style-type: none">✓ Workshop on PCB design, design of battery charging circuit and transformer is conducted.✓ Hands on session in MATLAB are conducted.✓ Industrial visits arranged
2.	Teacher	<ul style="list-style-type: none">✓ Internship must be encouraged	<ul style="list-style-type: none">✓ Students advised to take up internship programs during vacations.
3.	Alumni	<ul style="list-style-type: none">✓ Training programme may be organized to improve the placement opportunities.	<ul style="list-style-type: none">✓ Suggestions by the alumni, placement training days increased.
4.	Employers	<ul style="list-style-type: none">✓ Updates on current technologies Students need to be trained properly	<ul style="list-style-type: none">✓ Special classes are arranged for the students other than the regular classes to improve their understanding in the subjects.
5.	Parents	<ul style="list-style-type: none">✓ Provide communication skills and Personality development training programme	<ul style="list-style-type: none">✓ Placement training and communication skills development programme started from second year onwards.

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Department Of Instrumentation and Control Engineering

Academic Year: 2014-15 (Odd Semester)
Consolidated Report of Students Feedback analysis on Teaching Faculty
IV YEAR


Sub Code	Name of the Subject	Name of the Staff	Feedback Percentage
EI 2401	Industrial Data Networks	Mr. K.Muthukumaran	92
EI 2402	Logic and Distributed Control System	Mr. M. Suresh	94
IC 2401	Digital Control Systems	Dr. C. Selvakumar	92
CS 2461	Applied Soft Computing	Mrs. E. Ahila Devi	94
CS 2411	Operating Systems	Mrs. J. Jean Justus	92
EI 2021	Power Plant Instrumentation	Mr. R. Kotteeswaran	94

III YEAR

Sub Code	Name of the Subject	Name of the Staff	Feedback Percentage
EC 2312	Microprocessor and Microcontroller	Mr. R. Siddhardhan	93
CS2311	Object Oriented Programming	Ms. E. Nivedha	91
EI2302	Analytical Instruments	Mr. Vijaya Ramraj Rangam	93
EI2303	Industrial Instrumentation – II	Dr. C. Selvakumar	92
EE2301	Power Electronics	Mr. K.Sivakumar	93
EI2311	Biomedical Instrumentation	Mrs.D. Anitha Jebakumari	94

II YEAR

Sub Code	Name of the Subject	Name of the Staff	Feedback Percentage
MA6351	Transforms and Partial Differential Equations	Mr. G. Venkatnarayanan	92
EE6301	Digital Logic Circuits	Mr. R. Siddhardhan	94
EI6301	Electrical Measurements	Mr. T. Babu	95
EC6202	Electronic Devices and Circuits	Mrs. E. Ahila Devi	92
EE6303	Linear Integrated Circuits and Application	Ms. R Madhumitha	90
GE6351	Environmental Science and Engineering	Mrs.D. Anitha Jebakumari	93


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Academic Year: 2014-15 (EVEN SEMESTER)
Consolidated Report of Students Feedback analysis on Teaching Faculty
IV YEAR

Sub Code	Name of the Subject	Name of the Staff	Feedback Percentage
EE2023	Robotics and Automation	Mr. K. Muthukumaran	93
		Mr. T. Babu	93
MG2351	Principles of Management	Mrs.D.Anitha Jebakumari	95
		Mrs. E. Ahila Devi	95
GE2025	Professional ethics in Engineering	Dr. C. Selvakumar	94
		Mr. M. Suresh	94

III YEAR

Sub Code	Name of the Subject	Name of the Staff	Feedback Percentage
EI2351	Modern Electronic Instrumentation	Mr.S.S.Harish	92
EI 2352	Process Control	Dr.M.Suresh	94
IC2351	Advanced Control System	Dr. C. Selvakumar	93
CS 2364	Embedded System	Mr. K. Muthukumaran	94
EI2404	Fiber Optics and Laser Instruments	Mrs.D. Anitha Jebakumari	92
EC2361	Digital Signal Processing	Mr.J.Sivakumar	91

II YEAR

Sub Code	Name of the Subject	Name of the Staff	Feedback Percentage
EI6401	Transducer Engineering	Mrs. E. Ahila Devi	94
EI6402	Electrical Machines	Mr.M.Chilambarasan	92
EE6403	Discrete Time Systems and Signal	Mr. K. Ramachandra Reddy	94
CS6456	Object Oriented Programming	Ms.J.M.Kavitha	92
EI6403	Applied Thermodynamics and Fluid	Mr. George Sahaya Nixon	92
MA6459	Numerical Methods	Mr.J.Murugan	93



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St. JOSEPH'S COLLEGE OF ENGINEERING
OMR, CHENNAI -600 119
Department of Instrumentation and Control Engineering
Employer Feedback

Academic Year: 2014-15

Vision of Department

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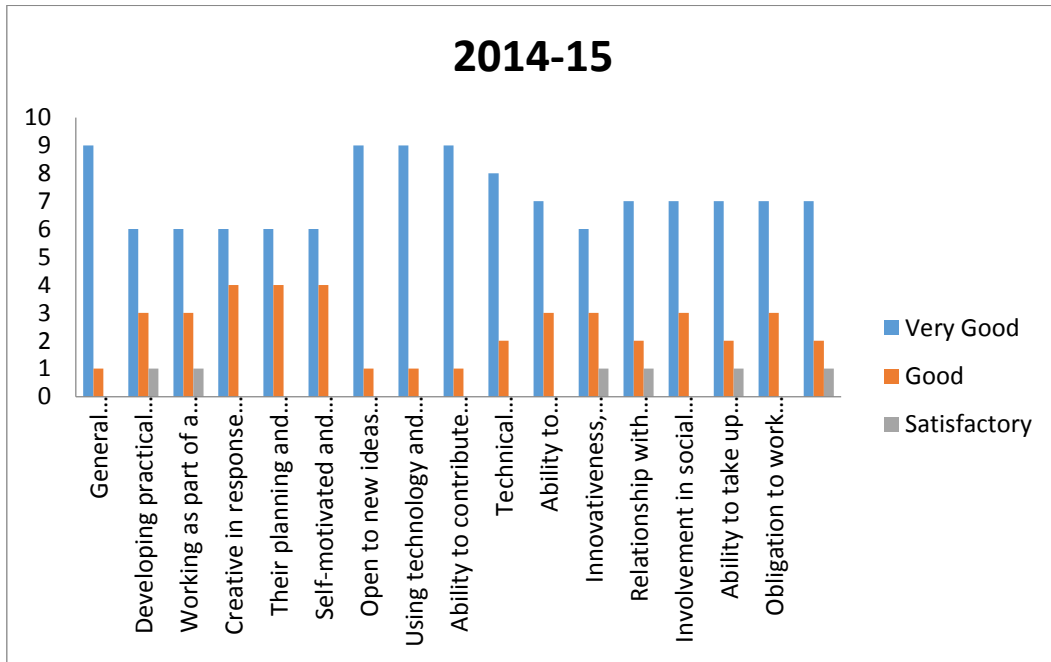
Mission of Department

- 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.

*Tick the number that best describes your level of satisfaction at each question:

1 - Far from satisfied, 2 - Not satisfied, 3 - Satisfied, 4 - Happy, 5 - Very happy

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	9	1			
2.	Developing practical solutions to work place problems	6	3	1		
3.	Working as part of a team	6	3	1		
4.	Creative in response to workplace challenges	6	4			
5.	Their planning and organization skills	6	4			
6.	Self-motivated and taking on appropriate level of responsibility	6	4			
7.	Open to new ideas and learning new techniques	9	1			
8.	Using technology and workplace equipment	9	1			
9.	Ability to contribute to the goal of the organization	9	1			
10.	Technical knowledge/skill	8	2			
11.	Ability to manage/leadership qualities	7	3			
12.	Innovativeness, creativity	6	3	1		
13.	Relationship with seniors/peers/subordinates	7	2	1		
14.	Involvement in social activities	7	3			
15.	Ability to take up extra responsibility	7	2	1		
16.	Obligation to work beyond schedule if required	7	3			
17.	Overall satisfied with St. Joseph's students and curriculum	7	2	1		



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Department of Instrumentation and Control Engineering
PARENT FEEDBACK

Academic Year: 2014-15

Vision of Department

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Mission of Department

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

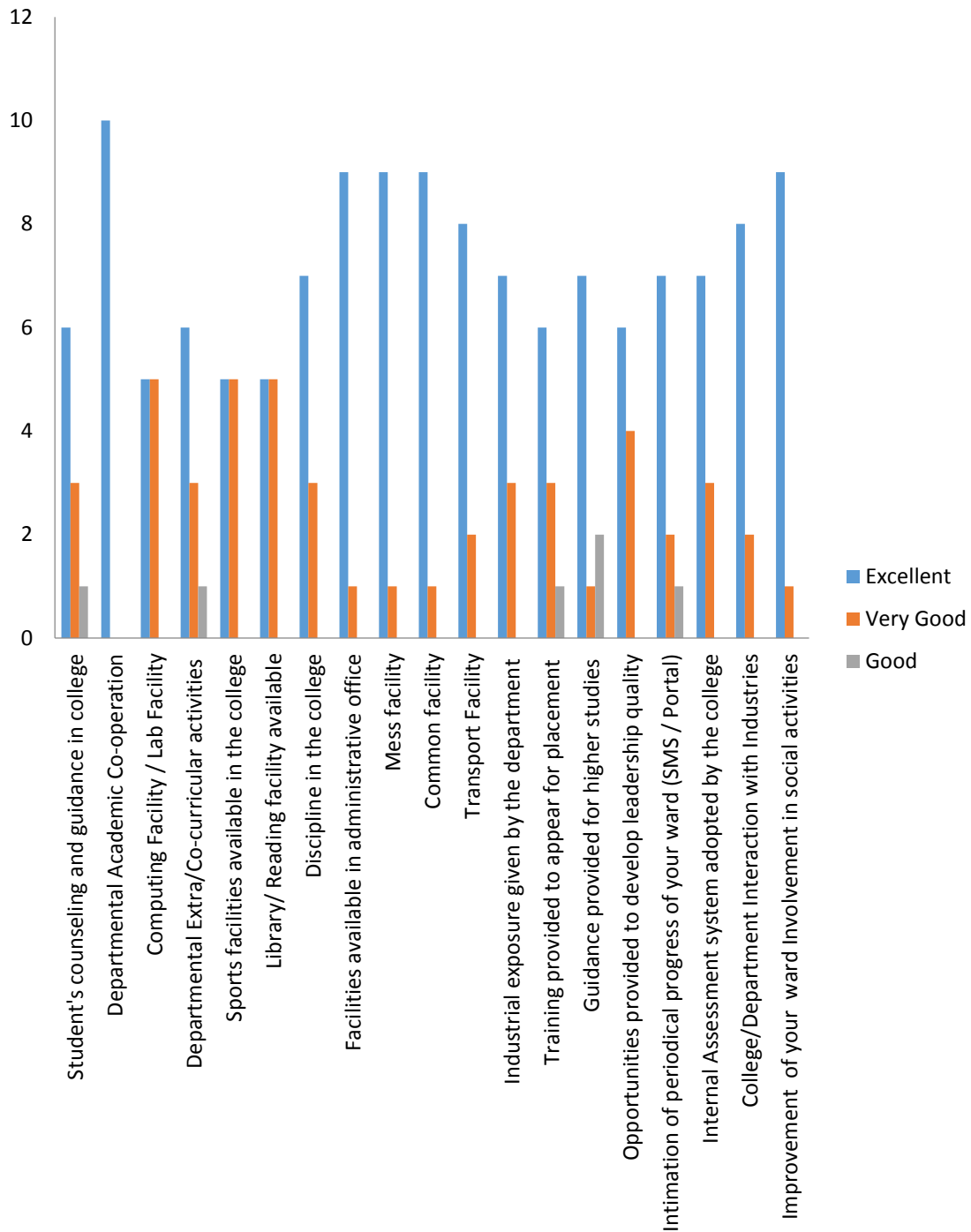
Grade: 5-Excellent, 4-Very Good, 3- Good, 2- Satisfactory, 1- Not satisfactory (Use the following scale for grading)

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

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2014-15



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