1.4.1 and 1.4.2 - Stakeholder feedback, action taken report, Alumni exit survey and Graduate exit survey

2018-19 and 2017-18

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

STAKEHOLDER FEEDBACK
(Curriculum Enhancement)
DEPARTMENT OF COMPUTER ENGINEERING

(DR. S. S. RATHOD)
PRINCIPAL

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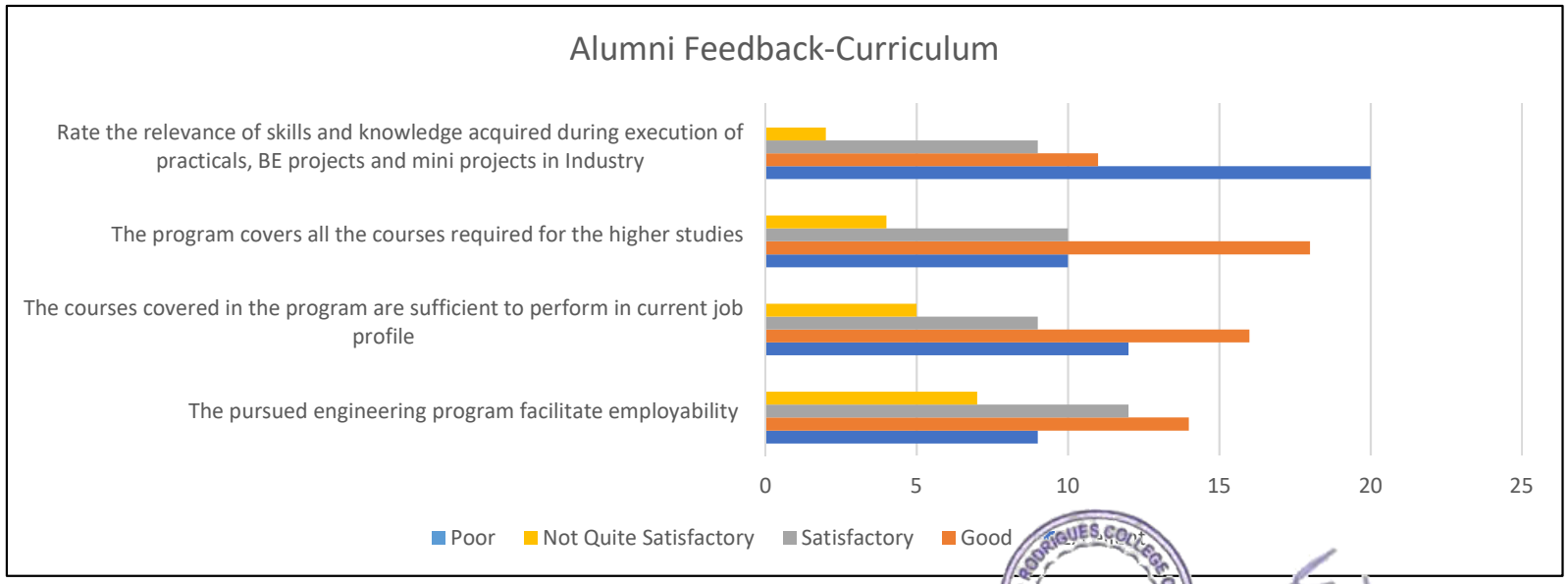
(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College of Engineering

Department of Computer Engineering

Alumni Feedback-Curriculum

Sr.No	Topic	Excellent	Good	Satisfactor	Not Quite Satisfactory	Poor
1	The pursued engineering program facilitate employability	9	14	12	7	
2	The courses covered in the program are sufficient to perform in current job profile	12	16	9	5	
3	The program covers all the courses required for the higher studies	10	18	10	4	
4	Rate the relevance of skills and knowledge acquired during execution of practicals, BE projects and mini projects in Industry	20	11	9	2	



FR. AGNEL ASHRAM BANDRA MUMBAI-50

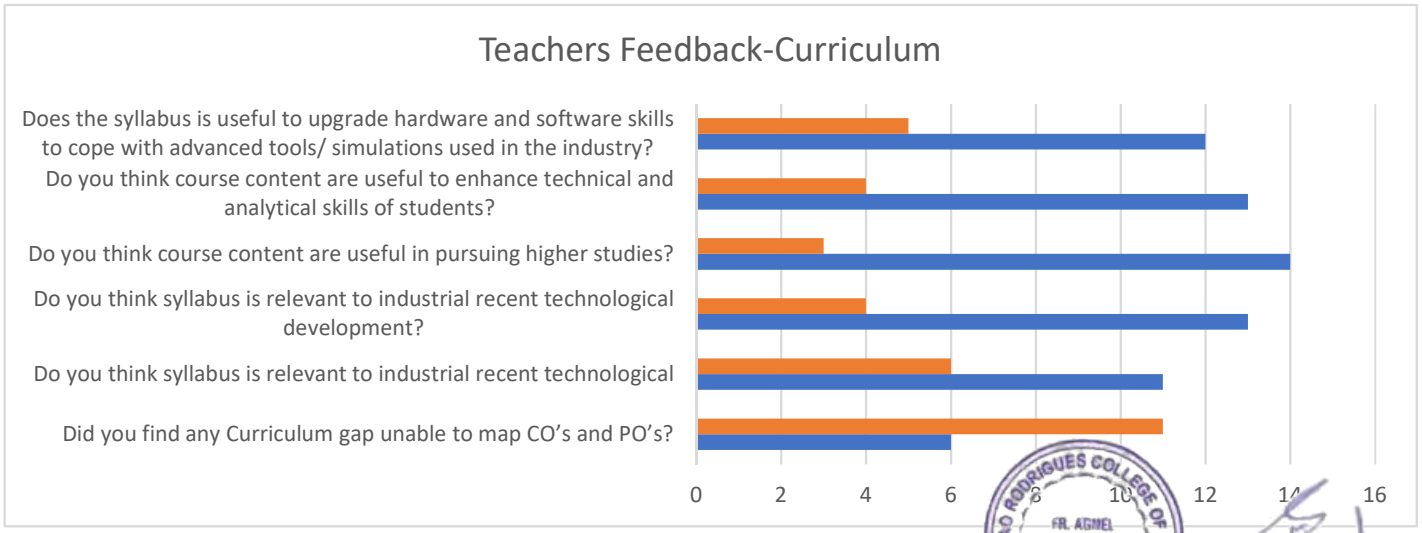
(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College of Engineering

Department of Computer Engineering

Teachers Feedback-curriculum enhancement

Sr.No	Topic	Yes	No	Total subjects
1	Did you find any Curriculum gap unable to map CO's and PO's?	6	11	17
2	Do you think syllabus is relevant to industrial recent technological	11	6	17
3	Do you think syllabus is relevant to industrial recent technological development?	13	4	17
4	Do you think course content are useful in pursuing higher studies?	14	3	17
5	Do you think course content are useful to enhance technical and analytical skills of students?	13	4	17
6	Does the syllabus is useful to upgrade hardware and software skills to cope with advanced tools/ simulations used in the industry?	12	5	17



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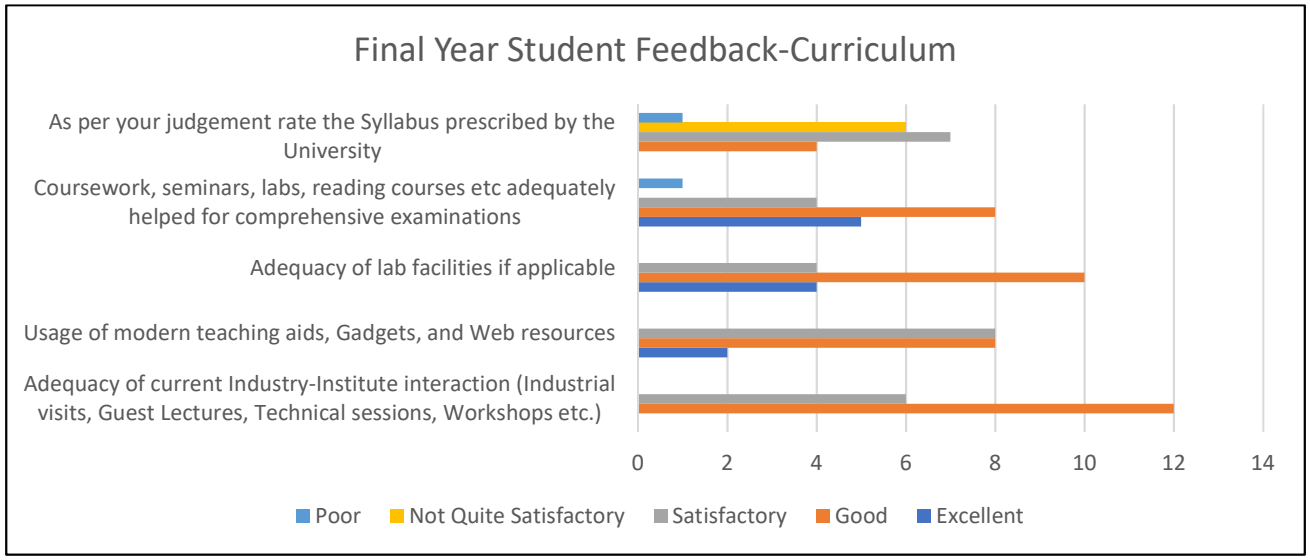
(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College of Engineering

Department of Computer Engineering

Students Feedback-Curriculum

Sr.No	Topic	Excellent	Good	Satisfactor	Quite Satisfact	Poor	Total
1	Adequacy of current Industry-Institute interaction (Industrial visits, Guest Lectures, Technical sessions, Workshops etc.)		12	6			18
2	Usage of modern teaching aids, Gadgets, and Web resources	2	8	8			18
3	Adequacy of lab facilities if applicable	4	10	4			18
4	Coursework, seminars, labs, reading courses etc adequately helped for comprehensive examinations	5	8	4		1	18
5	As per your judgement rate the Syllabus prescribed by the University		4	7	6	1	18



(DR. S. S. RATHOD)
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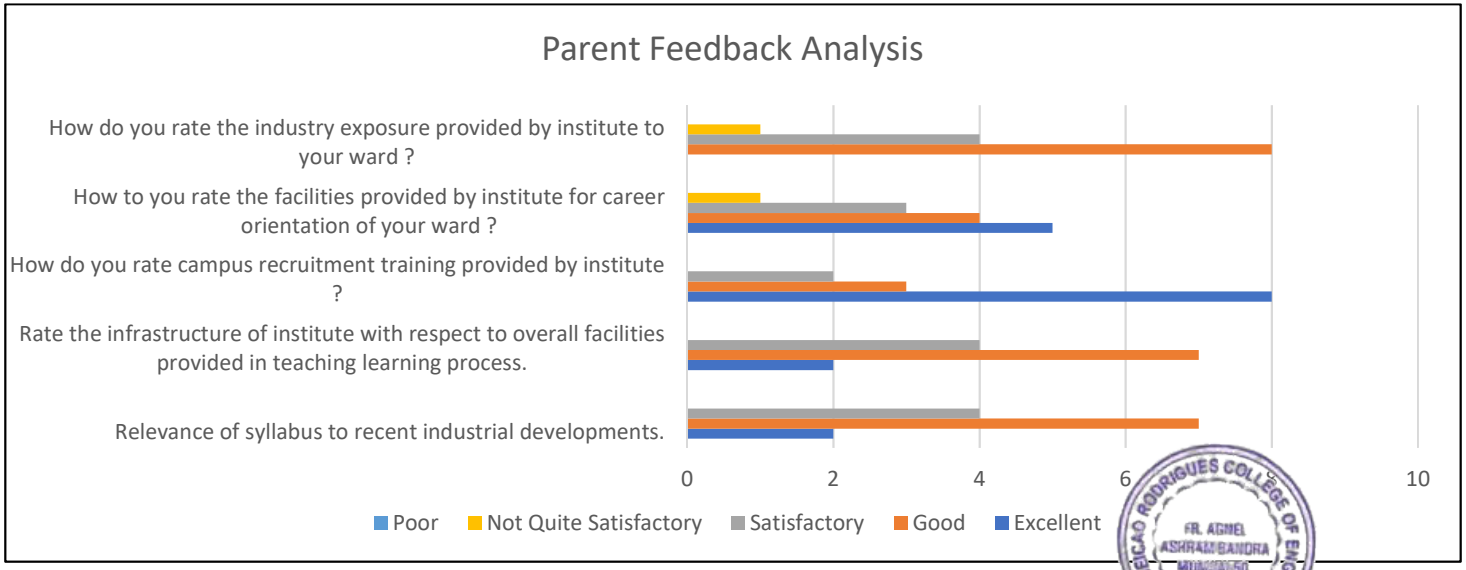
Fr. Conceicao Rodrigues College of Engineering

Department of Computer Engineering

Parent Feedback- Curriculum

Sr.No	Topic	Excellent	Good	Satisfactory	Not Quite Satisfactory	Poor	Total
1	Relevance of syllabus to recent industrial developments.	2	7	4			13
2	Rate the infrastructure of institute with respect to overall facilities provided in teaching learning process.	2	7	4			13
3	How do you rate campus recruitment training provided by institute ?	8	3	2			13
4	How to you rate the facilities provided by institute for career orientation of your ward ?	5	4	3	1		13
5	How do you rate the industry exposure provided by institute to your ward ?		8	4	1		13



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STAKEHOLDER FEEDBACK
(Curriculum Enhancement)
DEPARTMENT OF ELECTRONICS ENGINEERING

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM, BANDRA MUMBAI-50

(DR. S. S. RATHOD)
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(DR. S. S. RATHOD)
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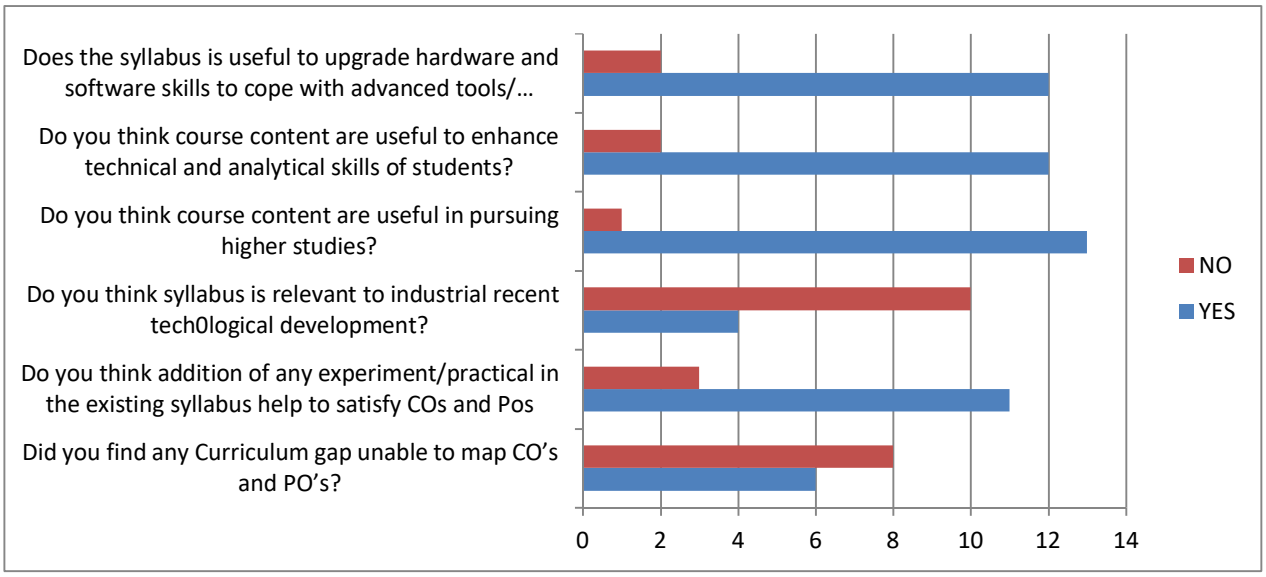
TEACHERS FEED BACK			
		Rating by Teachers	
Sr No.	Attributes	YES	NO
1	Did you find any Curriculum gap unable to map CO's and PO's?	6	8
2	Do you think addition of any experiment/practical in the existing syllabus help to satisfy COs and Pos	11	3
3	Do you think syllabus is relevant to industrial recent tech0logical development?	4	10
4	Do you think course content are useful in pursuing higher studies?	13	1
5	Do you think course content are useful to enhance technical and analytical skills of students?	12	2
6	Does the syllabus is useful to upgrade hardware and software skills to cope with advanced tools/ simulations used in the industry?	12	2



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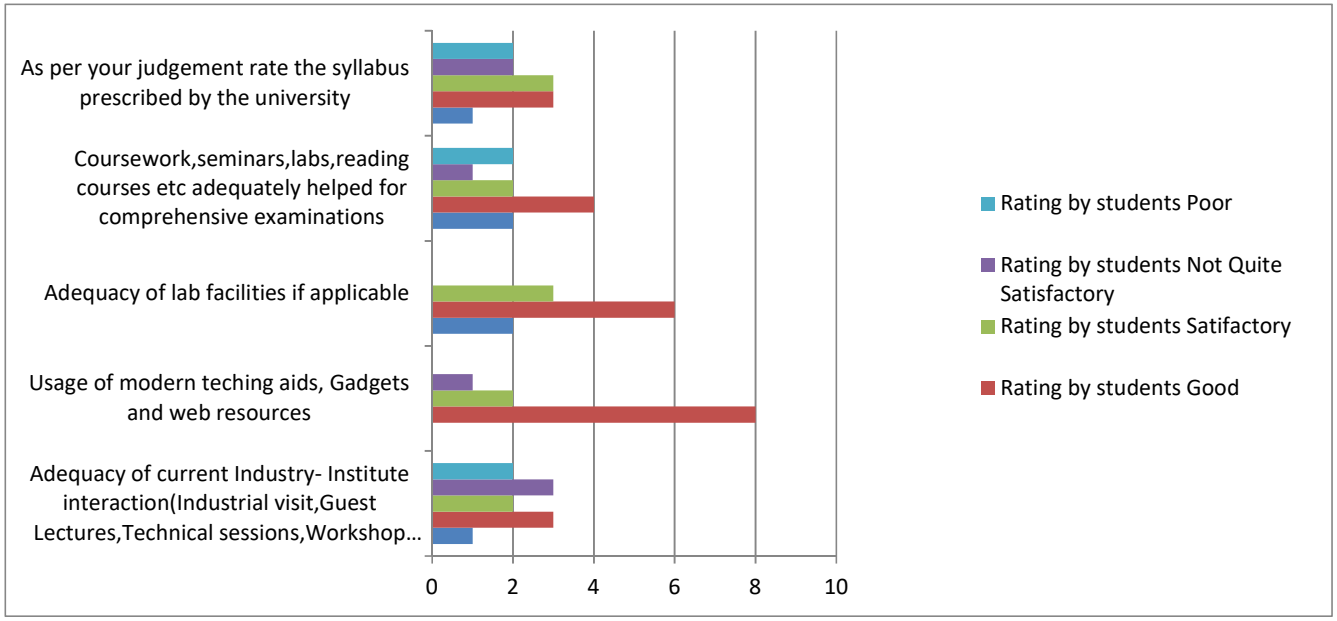
STUDENTS FEEDBACK

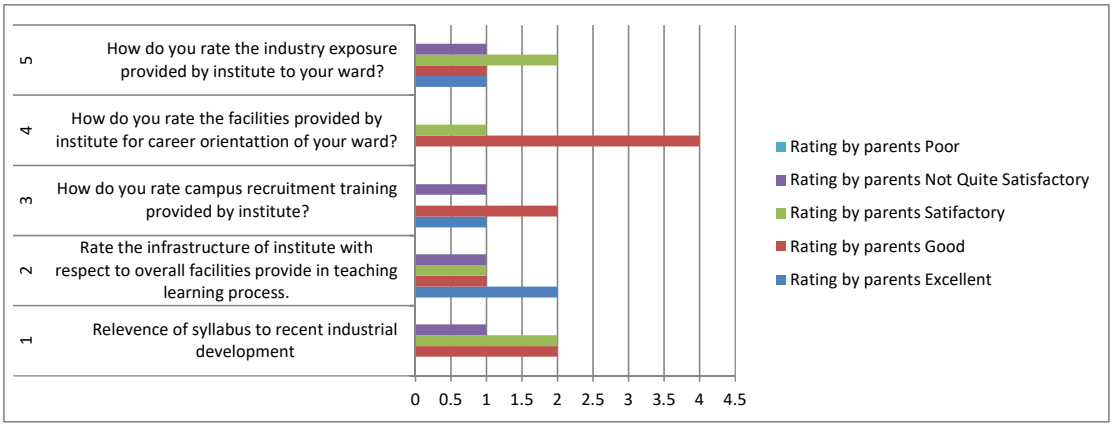
STUDENTS FEEDBACK		Rating by students				
SR NO	Attributes	Excellent	Good	Satifactory	Not Quite Satisfactory	Poor
1	Adequacy of current Industry- Institute interaction(Industrial visit,Guest Lectures,Technical sessions,Workshop etc.	1	3	2	3	2
2	Usage of modern teching aids, Gadgets and web resources	0	8	2	1	0
3	Adequacy of lab facilities if applicable	2	6	3	0	0
4	Coursework,seminars,labs,reading courses etc adequately helped for comprehensive examinations	2	4	2	1	2
5	As per your judgement rate the syllabus prescribed by the university	1	3	3	2	2



FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

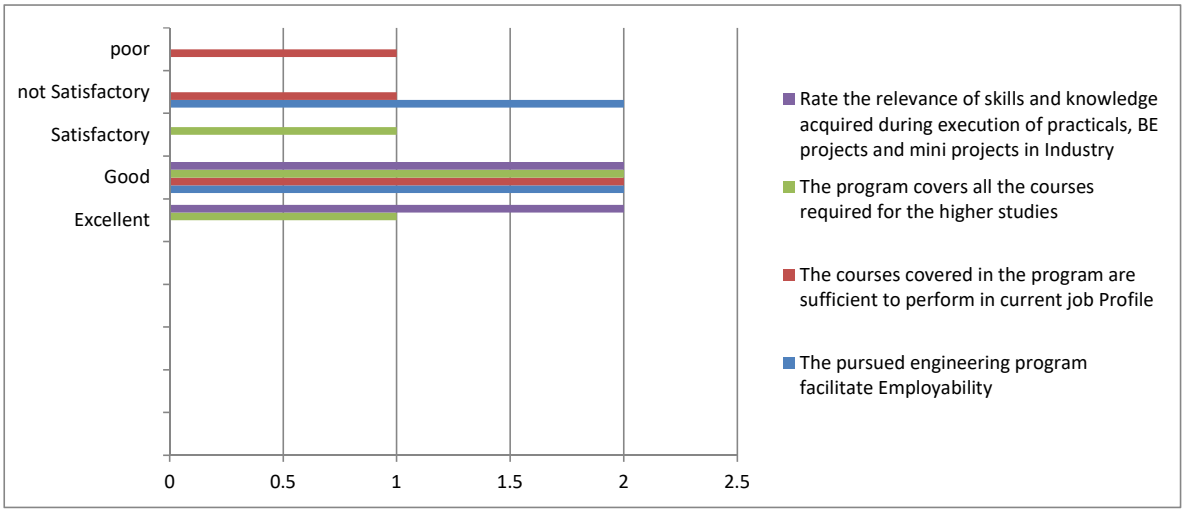
PARENTS FEED BACK						
B.	Curricular Aspect	Rating by parents				
Sr No.	Attributes	Excellent	Good	Satifactory	Not Quite Satisfactory	Poor
1	Relevence of syllabus to recent industrial development	0	2	2	1	0
2	Rate the infrastructure of institute with respect to overall facilities provide in teaching learning process.	2	1	1	1	0
3	How do you rate campus recruitment training provided by institute?	1	2	0	1	0
4	How do you rate the facilities provided by institute for career orientattion of your ward?	0	4	1	0	0
5	How do you rate the industry exposure provided by institute to your ward?	1	1	2	1	0



FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

ALUMNI FEEDBACK-CURRICULUM	Excellent	Good	Satisfactory	not Satisfactory	poor
The pursued engineering program facilitate Employability		2		2	
The courses covered in the program are sufficient to perform in current job Profile		2		1	1
The program covers all the courses required for the higher studies	1	2	1		
Rate the relevance of skills and knowledge acquired during execution of practicals, BE projects and mini projects in Industry	2	2			



FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

STAKEHOLDER FEEDBACK
(Curriculum Enhancement)
DEPARTMENT OF INFORMATION TECHNOLOGY

(DR. S. S. RATHOD)
PRINCIPAL

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FR. AGNEL ASHRAM BANDRA MUMBAI-50

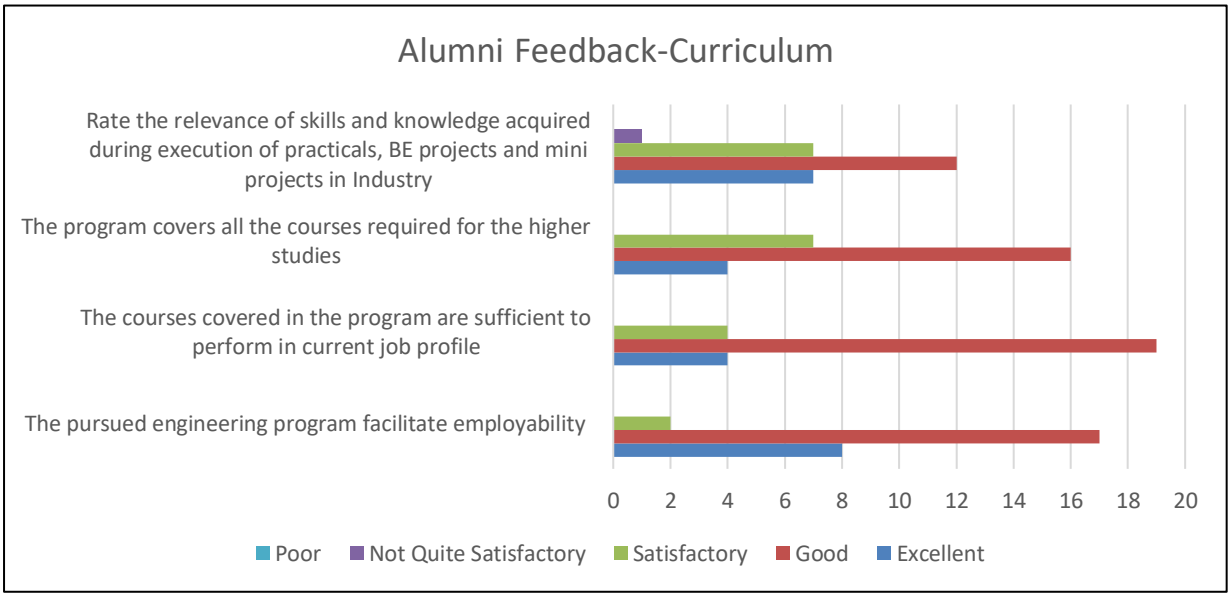
(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College of Engineering

Department of Information Technology

Alumni Feedback-Curriculum

Topic	Excellent	Good	Satisfactory	Not Quite Satisfactory	Poor
The pursued engineering program facilitate employability	8	17	2	0	
The courses covered in the program are sufficient to perform in current job profile	4	19	4	0	
The program covers all the courses required for the higher studies	4	16	7	0	
Rate the relevance of skills and knowledge acquired during execution of practicals, BE projects and mini projects in Industry	7	12	7	1	



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FR. AGNEL ASHRAM BANDRA MUMBAI-50

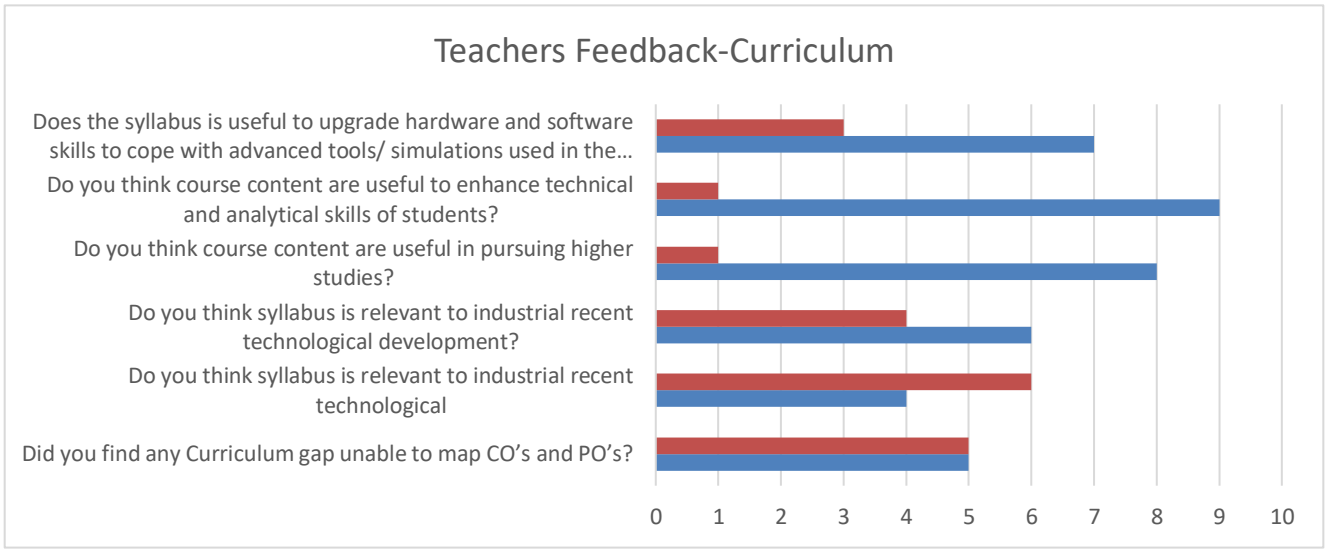
(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College of Engineering

Department of Information Technology

Teachers Feedback-curriculum enhancement

Sr.No	Topic	Yes	No	Total subjects
1	Did you find any Curriculum gap unable to map CO's and PO's?	5	5	31
2	Do you think syllabus is relevant to industrial recent technological	4	6	31
3	Do you think syllabus is relevant to industrial recent technological development?	6	4	31
4	Do you think course content are useful in pursuing higher studies?	8	1	31
5	Do you think course content are useful to enhance technical and analytical skills of students?	9	1	31
6	Does the syllabus is useful to upgrade hardware and software skills to cope with advanced tools/ simulations used in the industry?	7	3	31



FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
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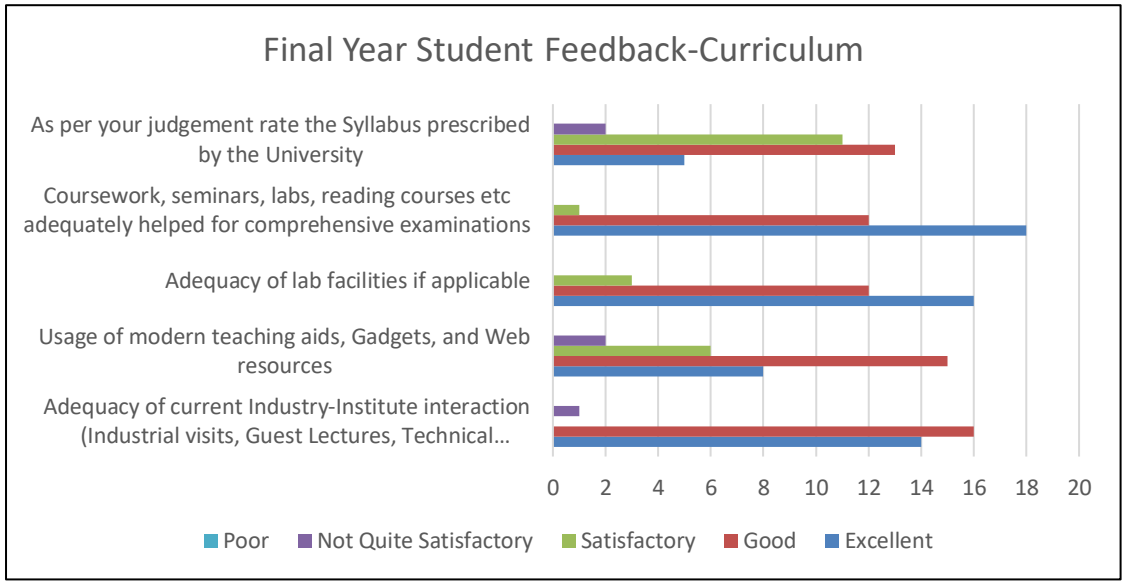
Fr. Conceicao Rodrigues College of Engineering

Department of Information Technology

Students Feedback-Curriculum

Sr.No	Topic	Excellent	Good	Satisfactory	Not Quite Satisfactory	Poor	Total
1	Adequacy of current Industry-Institute interaction (Industrial visits, Guest Lectures, Technical sessions, Workshops etc.)	14	16	0	1		31
2	Usage of modern teaching aids, Gadgets, and Web resources	8	15	6	2		31
3	Adequacy of lab facilities if applicable	16	12	3			31
4	Coursework, seminars, labs, reading courses etc adequately helped for comprehensive examinations	18	12	1			31
5	As per your judgement rate the Syllabus prescribed by the University	5	13	11	2		31



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FR. AGNEL ASHRAM BANDRA MUMBAI-50

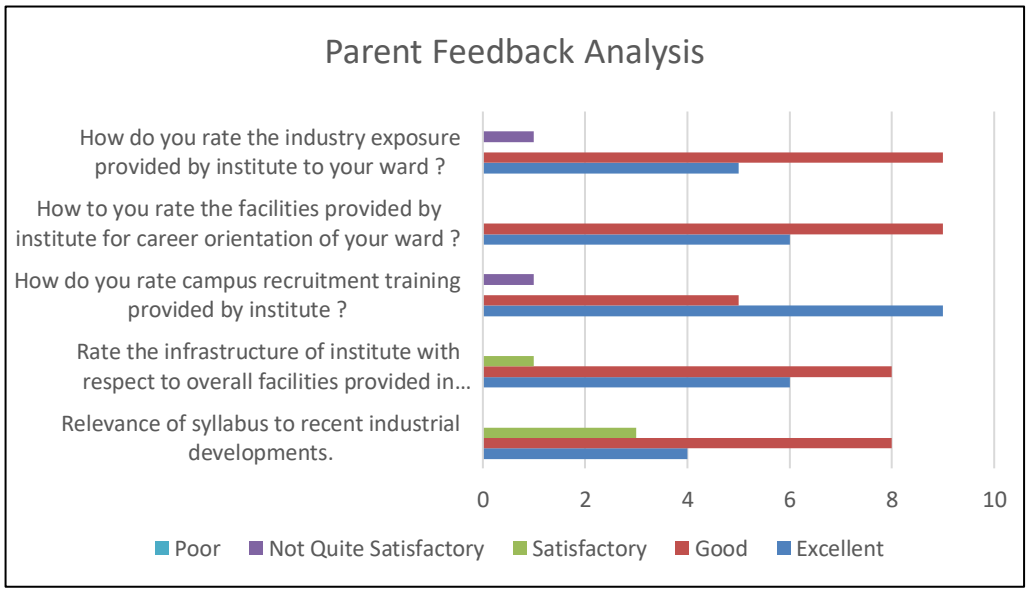
(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College of Engineering

Department of Information Technology

Parent Feedback- Curriculum

Sr.No	Topic	Excellent	Good	Satisfactory	Not Quite Satisfactory	Poor	Total
1	Relevance of syllabus to recent industrial developments.	4	8	3			15
2	Rate the infrastructure of institute with respect to overall facilities provided in teaching learning process.	6	8	1			15
3	How do you rate campus recruitment training provided by institute ?	9	5		1		15
4	How to you rate the facilities provided by institute for career orientation of your ward ?	6	9				15
5	How do you rate the industry exposure provided by institute to your ward ?	5	9		1		15



(DR. S. S. RATHOD)
PRINCIPAL

STAKEHOLDER FEEDBACK (Curriculum Enhancement) DEPARTMENT OF PRODUCTION ENGINEERING

(DR. S. S. RATHOD)
PRINCIPAL

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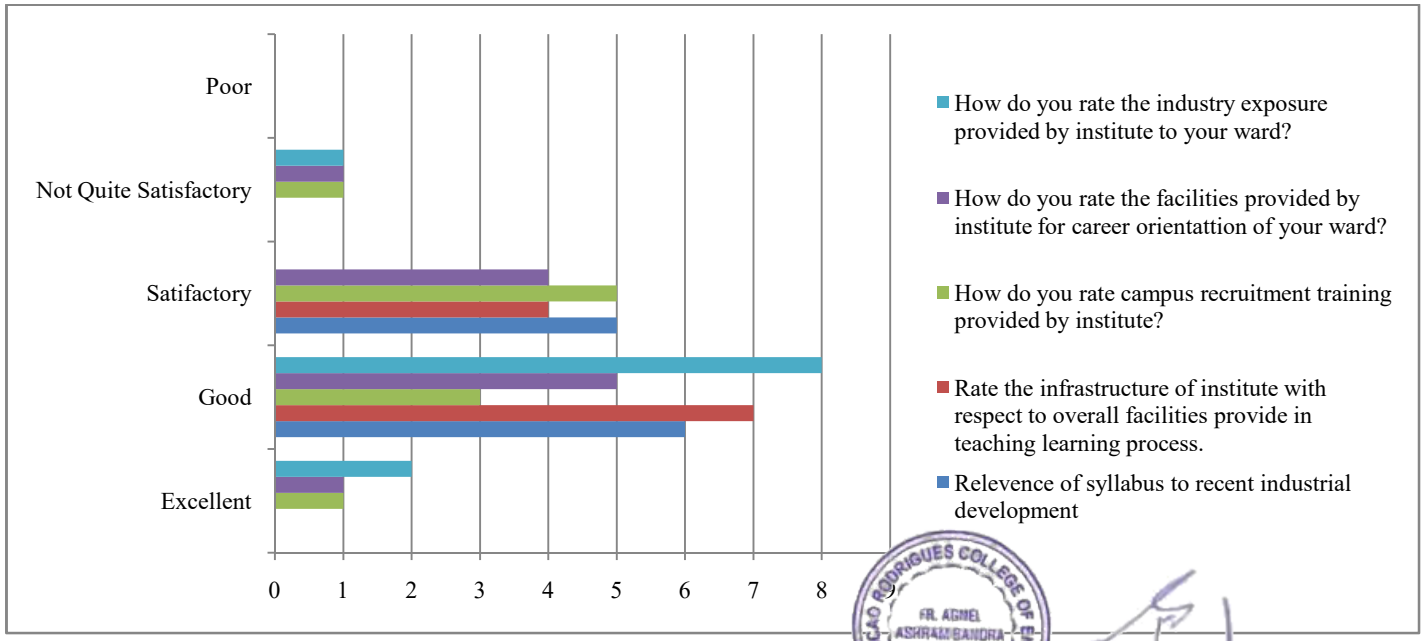
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

Parents Feedback

	Curricular Aspect					
	Attributes	**Excellent**	**Good**	**Satisfactory**	**Not Quite Satisfactory**	**Poor**
1	Relevance of syllabus to recent industrial development	0	6	5	0	0
2	Rate the infrastructure of institute with respect to overall facilities provide in teaching learning process.	0	7	4	0	0
3	How do you rate campus recruitment training provided by institute?	1	3	5	1	0
4	How do you rate the facilities provided by institute for career orientation of your ward?	1	5	4	1	0
5	How do you rate the industry exposure provided by institute to your ward?	2	8	0	1	0

Parents Feedback Analysis



FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
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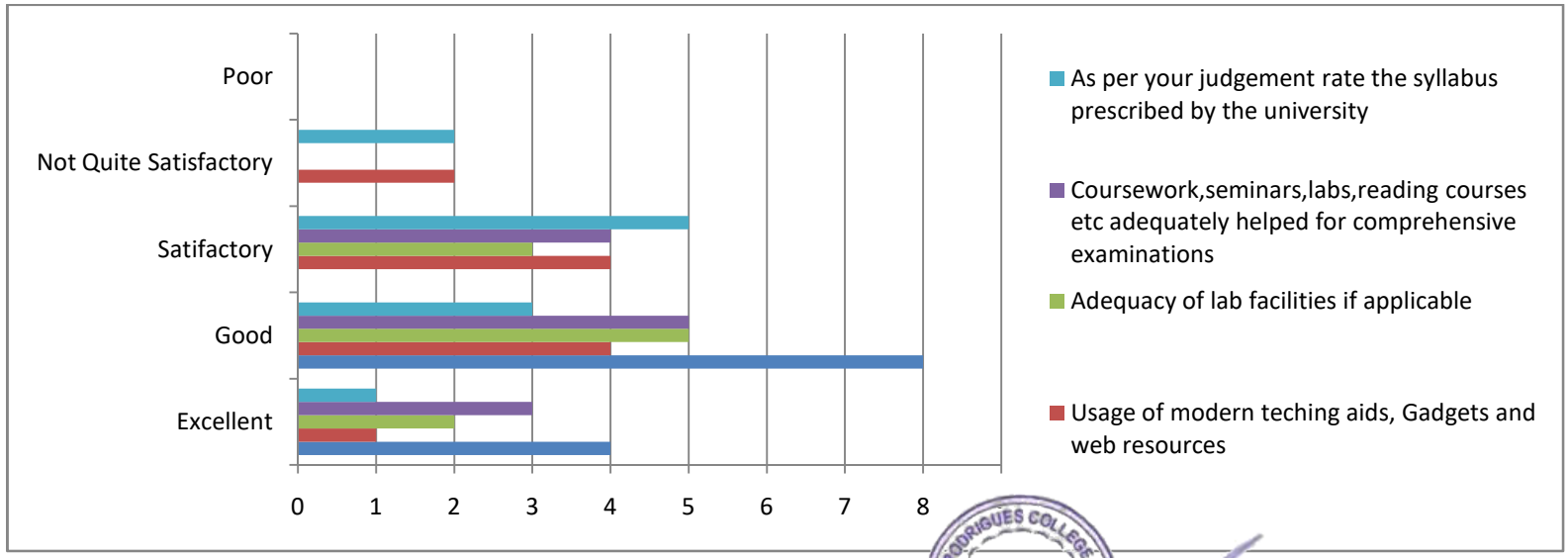
Students Feedback

STUDENTS FEEDBACK						
SR NO	**Attributes**	**Excellent**	**Good**	**Satifactory**	**Not Quite Satisfactory**	**Poor**
1	Adequacy of current Industry- Institute interaction(Industrial visit, Guest Lectures, Technical sessions, Workshop etc.	4	8	0	0	0
2	Usage of modern teaching aids, Gadgets and web resources	1	4	4	2	0
3	Adequacy of lab facilities if applicable	2	5	3	0	0
4	Coursework, seminars, labs, reading courses etc adequately helped for comprehensive examinations	3	5	4	0	0
5	As per your judgement rate the syllabus prescribed by the university	1	3	5	2	0

Students Feedback Analysis



FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

Teachers Feedback

		Rating by Teachers	
Sr No.	Attributes	**YES**	**NO**
1	Did you find any Curriculum gap unable to map CO's and PO's?	1	11
2	Do you think addition of any experiment/practical in the existing syllabus help to satisfy COs and Pos	2	10
3	Do you think syllabus is relevant to industrial recent tech0logical development?	10	1
4	Do you think course content are useful in pursuing higher studies?	12	0
5	Do you think course content are useful to enhance technical and analytical skills of students?	12	0
6	Does the syllabus is useful to upgrade hardware and software skills to cope with advanced tools/ simulations used in the industry?	10	0

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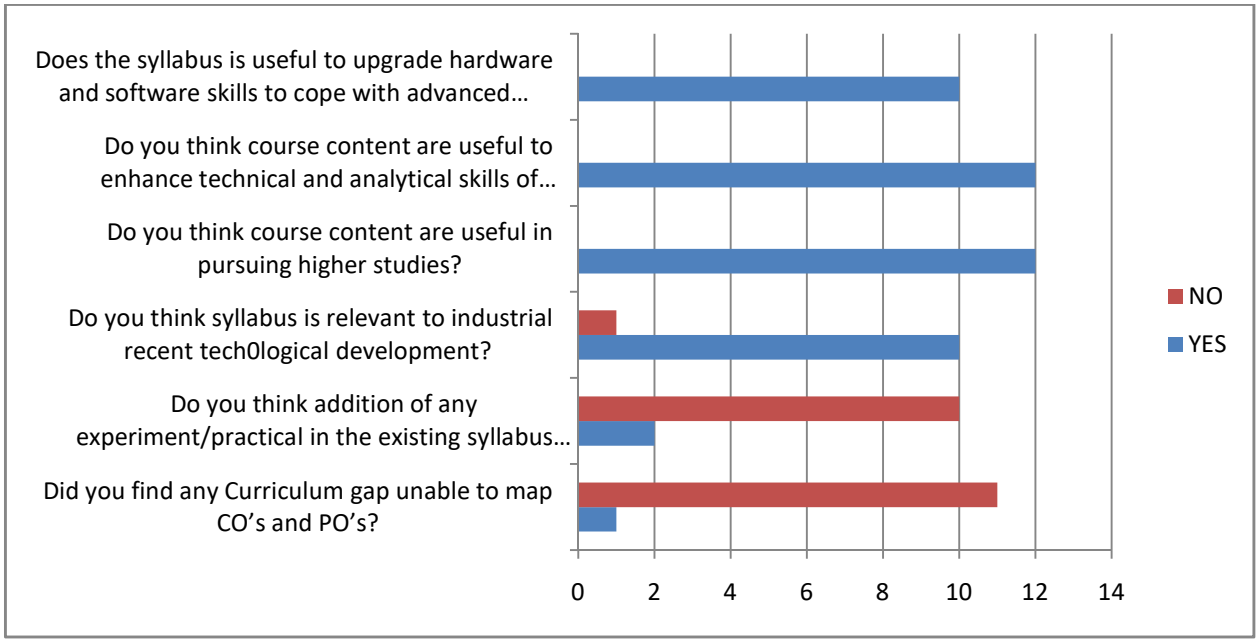
Teachers Feedback Analysis



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Alumni Feedback

		Responses			
Sr.No	**Question asked to students**	**Excellent**	**Good**	**Satisfactory**	**Not quite Satisfactory**
1	The pursued engineering program facilitate Employability	9	14	12	7
2	The courses covered in the program are sufficient to perform in current job Profile	12	16	9	5
3	The program covers all the courses required for the higher studies	10	18	10	4
4	Rate the relevance of skills and knowledge acquired during execution of practicals, BE projects and mini projects in Industry	20	11	9	2

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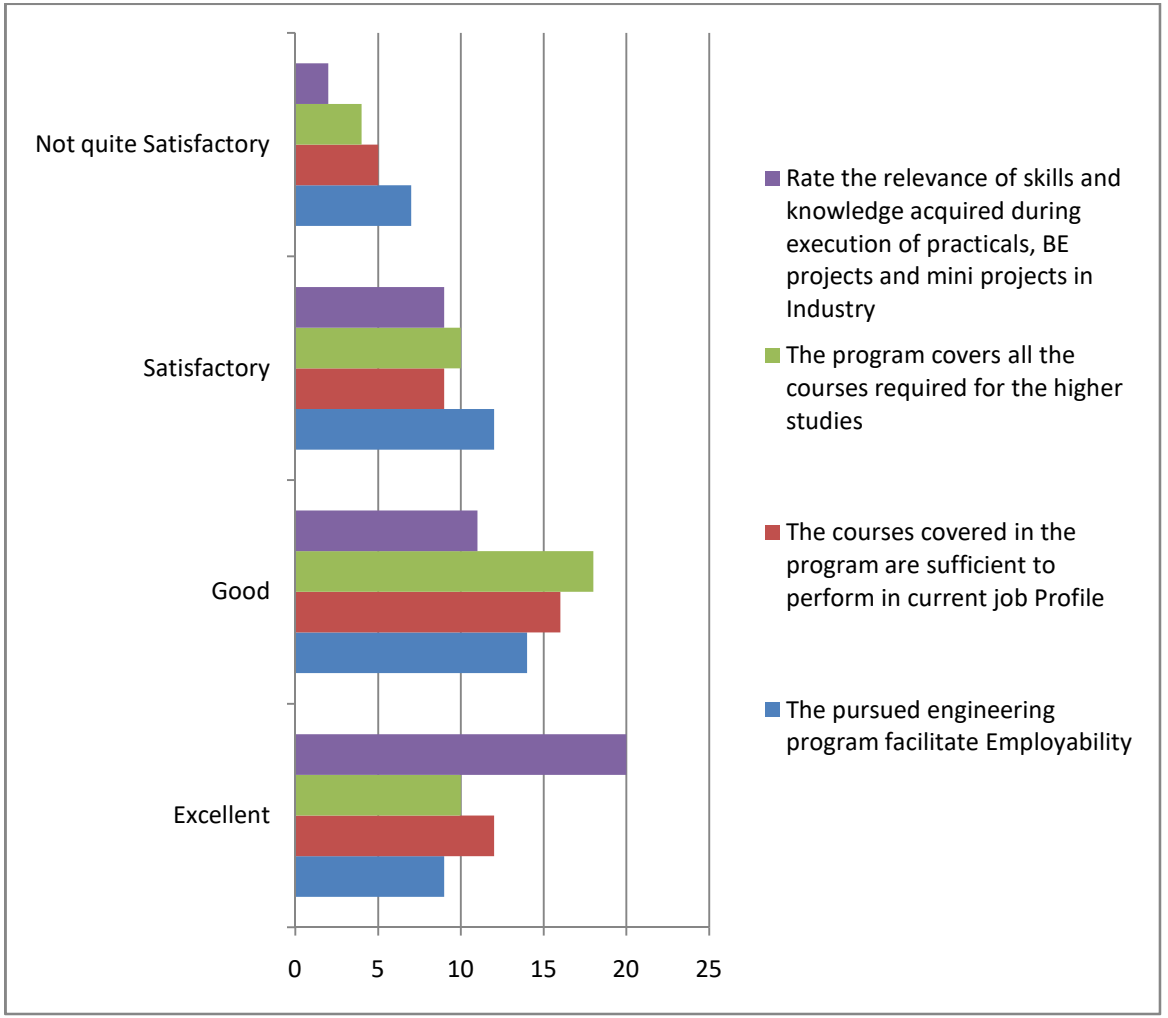
Alumni Feedback Analysis



(DR. S. S. RATHOD)
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ALUMNI SURVEY

DEPARTMENT OF COMPUTER ENGINEERING

(DR. S. S. RATHOD)
PRINCIPAL

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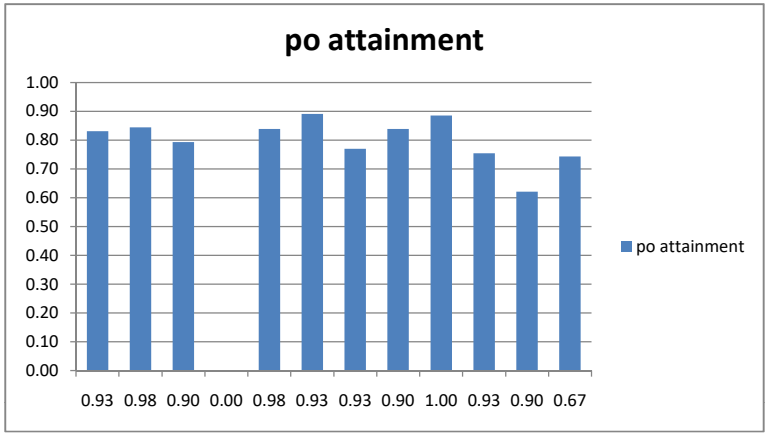
FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Alumini Exit Survey 2018-19

PO \ Points	above threshold	total answered	po attainment	level attainment
PO1	39	42	0.93	3.00
PO2	41	42	0.98	3.00
PO3	38	42	0.90	3.00
PO4	0	42	0.00	0.00
PO5	41	42	0.98	3.00
PO6	39	42	0.93	3.00
PO7	39	42	0.93	3.00
PO8	38	42	0.90	3.00
PO9	42	42	1.00	3.00
PO10	39	42	0.93	3.00
PO11	38	42	0.90	3.00
PO12	28	42	0.67	2.00



PSO	inadequate	Adequate	very well	fairly well		ABOVE THRESHOLD	TOTAL ANSWERED	PS01 ATTAINMENT	level attainment
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	1	9	12	**20**	NA	32	42	**0.76**	3
	inadequate	**Adequate**	**very well**	**fairly well**	**Not Applicable**	**ABOVE THRESHOLD**	**TOTAL ANSWERED**	**PS02 ATTAINMENT**	
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	1	7	15	**19**	NA	34	36	**0.94**	3

Target level Attainment			
	low(1)	**Moderate(2)**	**Substantial(3)**
Alumini Exit Survey	>41 to < 60	61-75	>75

FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
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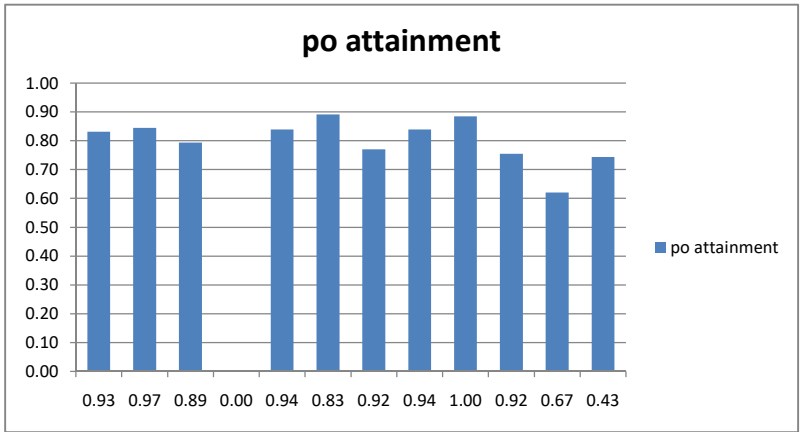
Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Alumini Exit Survey 2017-18

Points / PO	above threshold	total answered	po attainment	level attainment
PO1	33	36	0.93	3.00
PO2	35	36	0.97	3.00
PO3	32	36	0.89	3.00
PO4	0	36	0.00	0.00
PO5	34	36	0.94	3.00
PO6	30	36	0.83	3.00
PO7	33	36	0.92	3.00
PO8	34	36	0.94	3.00
PO9	36	36	1.00	3.00
PO10	33	36	0.92	3.00
PO11	24	36	0.67	2.00
PO12	16	36	0.43	1.00



PSO	inadequate	Adequate	very well	fairly well		ABOVE THRESHOLD	TOTAL ANSWERED	PS01 ATTAINMENT	level attainment
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	0	7	19	**8**	NA	27	36	**0.75**	2
	inadequate	**Adequate**	**very well**	**fairly well**	**Not Applicable**	**ABOVE THRESHOLD**	**TOTAL ANSWERED**	**PS02 ATTAINMENT**	
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	0	5	12	**18**	NA	30	36	**0.83**	3

Target level Attainment			
	low(1)	**Moderate(2)**	**Substantial(3)**
Alumini Exit Survey	>41 to < 60	61-75	>75

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
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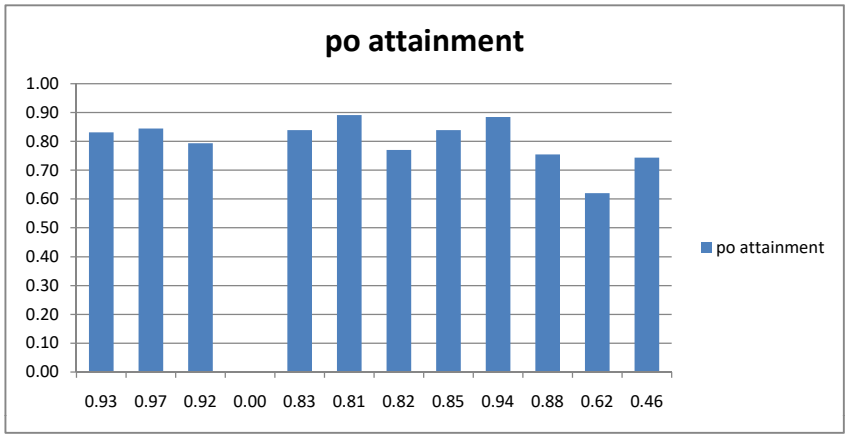
Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Alumini Exit Survey 2016-17

PO \ Points	above threshold	total answered	po attainment	level attainme
PO1	29	39	0.93	3
PO2	30	39	0.97	3
PO3	27	39	0.92	3
PO4	0	39	0.00	0
PO5	26	39	0.83	3
PO6	29	39	0.81	3
PO7	25	39	0.82	3
PO8	25	39	0.85	3
PO9	29	39	0.94	3
PO10	26	39	0.88	3
PO11	17	39	0.62	2
PO12	13	39	0.46	1



PSO	inadequate	Adequate	very well	fairly well		ABOVE THRESHOLD	TOTAL ANSWERED	PS01 ATTAINMENT	level attainment
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	6	4	15	**14**	NA	29	39	**0.74**	2
	inadequate	**Adequate**	**very well**	**fairly well**	**Not Applicable**	**ABOVE THRESHOLD**	**TOTAL ANSWERED**	**PS02 ATTAINMENT**	
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	2	3	14	**20**	NA	34	39	**0.87**	3

Target level Attainment			
	low(1)	**Moderate(2)**	**Substantial(3)**
Alumini Exit Survey	>41 to < 60	61-75	>75

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM BANDRA MUMBAI-50

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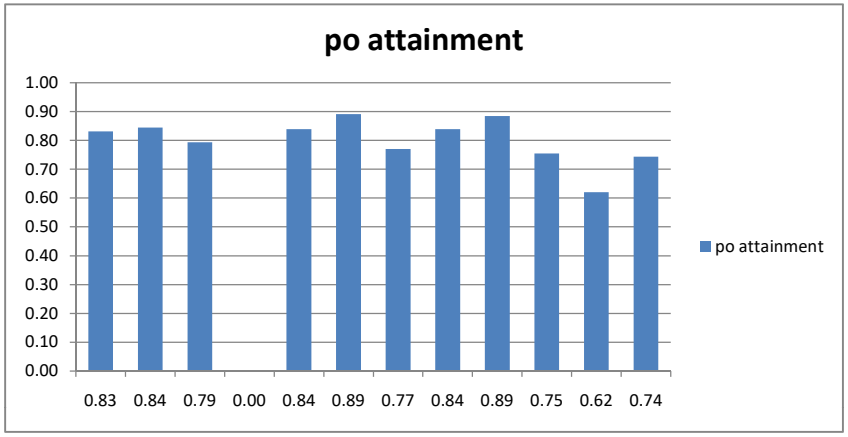
Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Alumini Exit Survey 2015-16

Points / PO	above threshold	total answered	po attainment	level attainment
POA	72	87	0.83	3
POB	74	87	0.84	3
POC	56	71	0.79	3
POD	0	0	0.00	0
POE	73	87	0.84	3
POF	78	87	0.89	3
POG	67	87	0.77	3
POH	73	87	0.84	3
POI	77	87	0.89	3
POJ	66	87	0.75	3
POK	53	87	0.62	2
POL	65	87	0.74	3



PSO	inadequate	Adequate	very well	fairly well		ABOVE THRESHOLD	TOTAL ANSWERED	PS01 ATTAINMENT
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	4	22	41	**20**	NA	61	87	**0.70**
	Excellent	**Adequate**	**Fair**	**Poor**	**Not Applicable**	**ABOVE THRESHOLD**	**TOTAL ANSWERED**	**PS02 ATTAINMENT**
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	11	35	13	**110**	49	172	218	**0.79**

Target level Attainment

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
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level attainment
2
3

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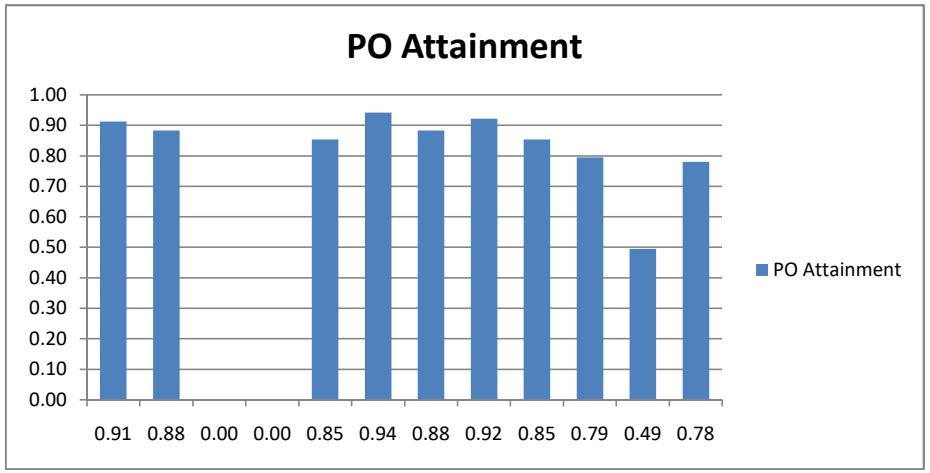
Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Alumini Exit Survey 2013-14

PO \ Points	1	2	3	4	5	above threshold	total answered	po attainment	level attainment
POA	3	0	14	0	17	31	34	0.91	3.00
POB	6	0	22	0	23	45	51	0.88	3.00
POC	0	0	0	0	0	0	0	0.00	0.00
POD	0	0	0	0	0	0	0	0.00	0.00
POE	2	3	9	7	13	29	34	0.85	3.00
POF	1	0	9	0	7	16	17	0.94	3.00
POG	2	0	12	0	3	15	17	0.88	3.00
POH	4	0	24	0	23	47	51	0.92	3.00
POI	5	0	18	0	11	29	34	0.85	3.00
POJ	2	5	12	6	9	27	34	0.79	3.00
POK	27	18	8	26	10	44	89	0.49	1.00
POL	11	4	20	20	13	53	68	0.78	3.00

Target level Attainment			
	low(1)	Moderate(2)	Substantial(3)
Alumini Exit Survey	>41 to < 60	61-70	>70



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ALUMNI SURVEY

DEPARTMENT OF ELECTRONICS ENGINEERING

(DR. S. S. RATHOD)
PRINCIPAL

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(DR. S. S. RATHOD)
PRINCIPAL

Electronics Alumni Survey **2016-17**

PO	PO Statements	Total no. of response for 3	Total no. of response for 2	Total no. of response for 1	PO attainment
PO1	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO1.Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.]	16	11	0	**2.59259259**
PO2	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO2.Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences]	11	16	0	**2.40740741**
PO3	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO3.Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and the cultural, societal, and environmental considerations]	10	16	1	**2.33333333**
PO4	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO4.Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusionsow 4]	13	13	1	**2.44444444**
PO5	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO5.Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling of complex engineering activities with an understanding of the limitationsRow 5]	12	13	2	**2.37037037**
PO6	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO6.Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.]	9	18	0	**2.33333333**
PO7	1. How do you rate your ability to: (1:Lowest 3:Highest) [P07.Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development]	12	14	1	**2.40740741**
PO8	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO8.Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice]	16	11	0	**2.59259259**
PO9	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO9.Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings]	19	8	0	**2.7037037**
PO10	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO10.Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions]	16	11	0	**2.59259259**
PO11	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO11.Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments]	12	15	0	**2.44444444**
PO12	1. How do you rate your ability to: (1:Lowest 3:Highest) [PO12. Recognized the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change]	13	14	0	**2.48148148**
PSO1	2.How do you rate your ability to provide optimal solutions for real-life problems based on the knowledge acquired in the field of Automation, Embedded System Design ,Communication and Signal Processing	12	14	1	**2.40740741**
PSO2	3.How do you rate your ability to test and debug hardware and software for Electronic Systems.	10	17	0	**2.37037037**
	% Average of the Responses	47.8835979	50.5291005	1.5873016	

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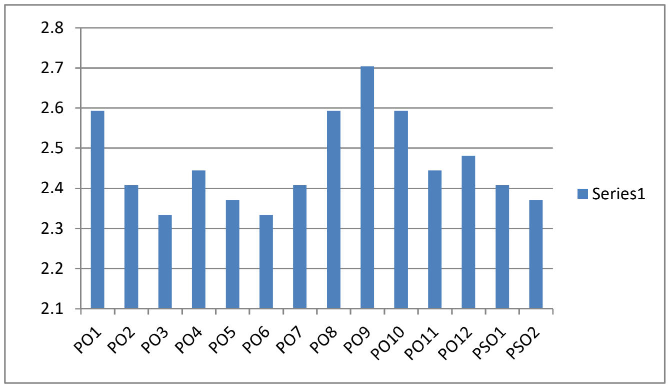
PO Attainment



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FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING FR. AGNEL ASHRAM BANDRA MUMBAI-50

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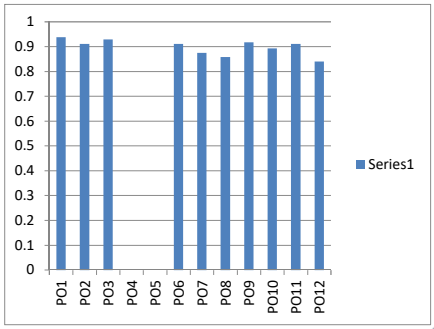
Electronics Alumni Survey **2015-16**

PO	PO Statements	some improvement	substantial Improvement	No effect	Total Respondent	ABOVE THRESHOLD(SUME+F)	% Attainment	>80%=3, Final attainment
PO1	1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering	21.5	31	3.5	56	52.5	0.938	**3**
PO2	2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	25	26	5	56	51	0.911	**3**
PO3	3. **Design/Development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and the cultural, societal, and environmental considerations.	24	28	4	56	52	0.929	**3**
PO4	4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	0	0	0	0	0	0	**0**
PO5	5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling of complex engineering activities with an understanding of the limitations.	0	0	0	0	0	0	**0**
PO6	6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.	28	23	5	56	51	0.911	**3**
PO7	7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable development.	25	24	7	56	49	0.875	**3**
PO8	8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	17	31	8	56	48	0.857	**3**
PO9	9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	21.66667	29.667	4.67	56	51.33333	0.917	**3**
PO10	10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.	19	31	6	56	50	0.893	**3**
PO11	11. **Project Management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	22	29	5	56	51	0.911	**3**
PO12	12. **Life-long learning:** Recognized the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	17	30	9	56	47	0.839	**3**



PO Attainment

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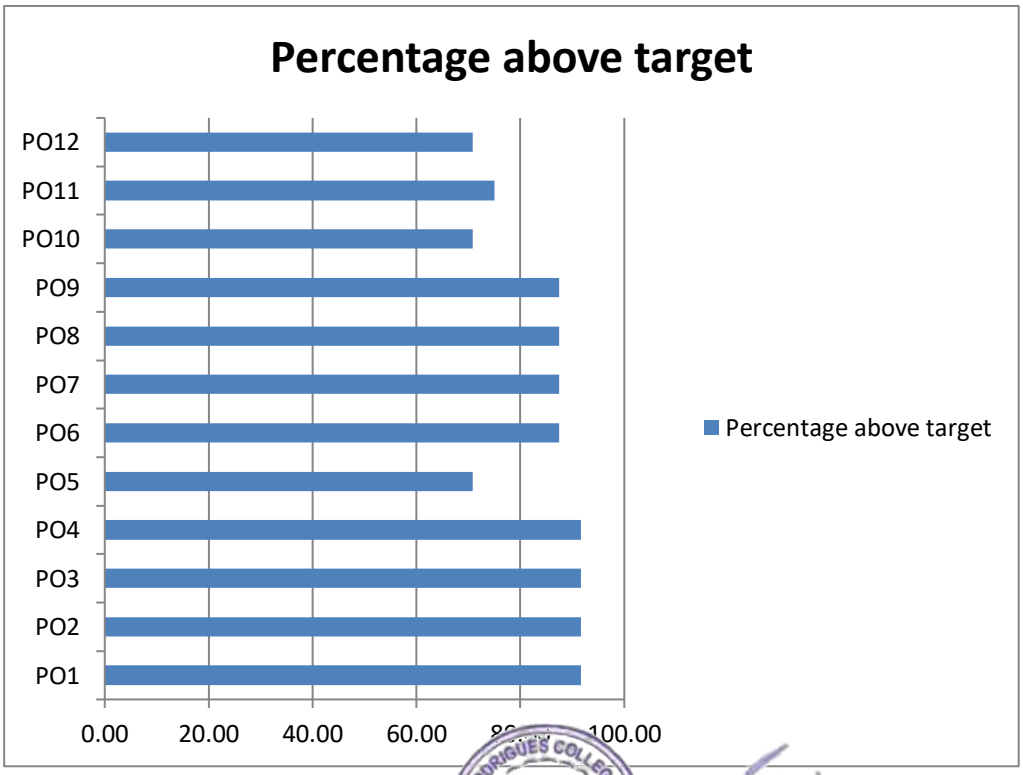
Department of Information Technology

Alumini Exit Survey

PO	Percentage above target	Attainment
PO1	91.67	3
PO2	91.67	3
PO3	91.67	3
PO4	91.67	3
PO5	70.83	2
PO6	87.50	3
PO7	87.50	3
PO8	87.50	3
PO9	87.50	3
PO10	70.83	2
PO11	75.00	2
PO12	70.83	2



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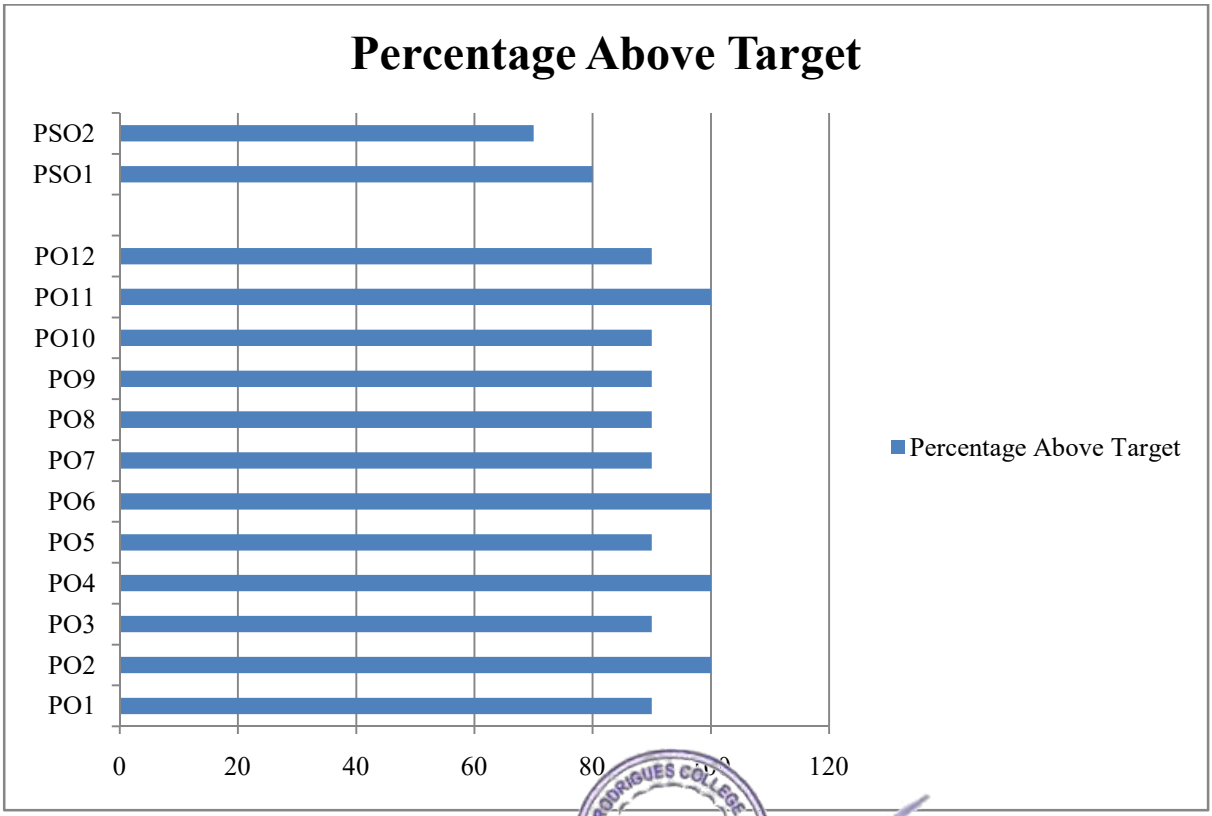
Department of Computer Engineering

Alumini Exit Survey

	Percentage Above Target	PO/ PSO Attainment
PO1	90	3
PO2	100	3
PO3	90	3
PO4	100	3
PO5	90	3
PO6	100	3
PO7	90	3
PO8	90	3
PO9	90	3
PO10	90	3
PO11	100	3
PO12	90	3
PSO1	80	3
PSO2	70	2



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GRADUATE EXIT SURVEY

DEPARTMENT OF COMPUTER ENGINEERING

(DR. S. S. RATHOD)
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FR. AGNEL ASHRAM BANDRA MUMBAI-50

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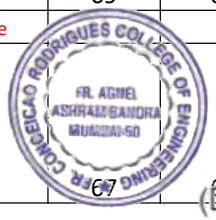
Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Graduate Exit Survey 2018-19

Graduate Attributes	Not at all	2	Moderately	4	Extremely	above threshold	total answered	Po attainment	level attainment
1.Do you feel you have acquired enough engineering knowledge to enable you to in an industry.	1	1	32	20	15	67	69	1.0	3.0
2. Do you think the program is affective in developing analytical and problem solving skills.	2	2	28	22	15	65	69	0.9	3.0
3.Have you acquired the potential to independent ally develop a solution for practical problem in discipline.	0	2	30	24	13	67	69	1.0	3.0
4.Are you in a position to solve a complex problem in your domain.	0	5	29	22	13	64	69	0.9	3.0
5.Have you used any modern tool / technology beyond curriculum (Projects, Seminars, in plant training, internships).	1	4	25	16	23	64	69	0.9	3.0
6.Are you in apposition to fulfill your social responsible as an engineer (like problems of community, water distribution, air pollution, computer literacy)	0	3	27	22	17	66	69	1.0	3.0
7.Are you able to develop a product / system which is environment friendly and green.	0	6	31	18	14	63	69	0.9	3.0
8.Are you aware of ethical valves required for your profession.	0	3	23	23	20	66	69	1.0	3.0
9.Are you comfortable working as a part of your project team.	0	2	20	22	25	67	69	1.0	3.0
10.How strong you are in your oral communication?	0	2	22	27	19	68	69	1.0	3.0
11.Are you able to work as a member and leader in a team, to manage projects and in multidisciplinary environments.	0	4	24	20	23	67	69	1.0	3.0
12.Are you eager to learn new technologies and explore new opportunities?	1	1	15	15	37	67	69	1.0	3.0
PSO	inadequate	Adequate	very well	fairly well				**PSO1 ATTAINMENT**	**level attainment**
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	0	15	19	35	NA	69	69	0.97	3.00
	Excellent	Adequate	Fair	Poor	Not Applicable			**PSO2 ATTAINMENT**	
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	13	41	14	0		67	69	0.98	3.00



(DR. S. S. RATHOD)
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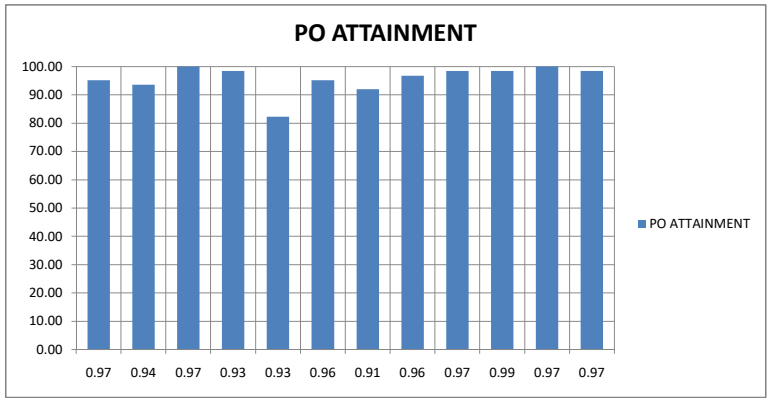
PO	PO ATTAINMENT
POA	0.97
POB	0.94
POC	0.97
POD	0.93
POE	0.93
POF	0.96
POG	0.91
POH	0.96
POI	0.97
POJ	0.99
POK	0.97
POL	0.97



Target level Attainment			
	low(1)	Moderate(2)	Substantial(3)
Graduate Exit Survey	>41 to < 60	61-75	>75

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM BANDRA MUMBAI-50

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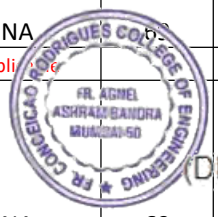
Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Graduate Exit Survey 2017-18

Graduate Attributes	Not at all	2	Moderately	4	Extremely	above threshold	total answered	Po attainment	level attainment
1.Do you feel you have acquired enough engineering knowledge to enable you to in an industry.	0	3	28	28	12	68	71	1.0	3.0
2. Do you think the program is affective in developing analytical and problem solving skills.	1	7	32	19	12	63	71	0.9	3.0
3.Have you acquired the potential to independent ally develop a solution for practical problem in discipline.	0	4	26	30	11	67	71	0.9	3.0
4.Are you in a position to solve a complex problem in your domain.	3	3	26	26	13	65	71	0.9	3.0
5.Have you used any modern tool / technology beyond curriculum (Projects, Seminars, in plant training, internships).	6	1	27	20	17	64	71	0.9	3.0
6.Are you in apposition to fulfill your social responsible as an engineer (like problems of community, water distribution, air pollution, computer literacy)	1	4	32	22	12	66	71	0.9	3.0
7.Are you able to develop a product / system which is environment friendly and green.	2	5	35	19	10	64	71	0.9	3.0
8.Are you aware of ethical valves required for your profession.	0	0	22	27	22	71	71	1.0	3.0
9.Are you comfortable working as a part of your project team.	1	0	17	26	27	70	71	1.0	3.0
10.How strong you are in your oral communication?	0	1	38	58	45	141	142	1.0	3.0
11.Are you able to work as a member and leader in a team, to manage projects and in multidisciplinary environments.	1	4	36	50	51	137	142	1.0	3.0
12.Are you eager to learn new technologies and explore new opportunities?	0	0	13	21	37	71	71	1.0	3.0
PSO	inadequate	Adequate	very well	fairly well				**PSO1 ATTAINMENT**	**level attainment**
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	2	11	18	40	NA	69	71	0.97	3.00
	Excellent	Adequate	Fair	Poor	Not Appli			**PSO2 ATTAINMENT**	
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	16	43	10	2	NA	69	71	0.98	3.00



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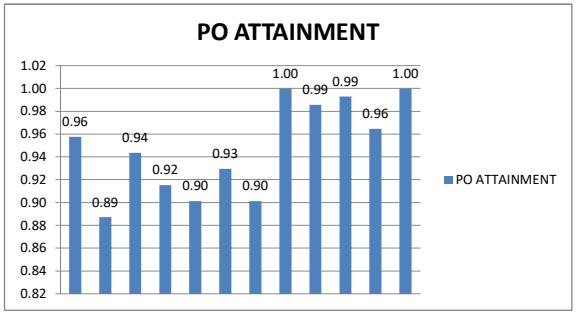
PO	PO ATTAINMENT
POA	0.96
POB	0.89
POC	0.94
POD	0.92
POE	0.90
POF	0.93
POG	0.90
POH	1.00
POI	0.99
POJ	0.99
POK	0.96
POL	1.00



Target level Attainment			
	low(1)	Moderate(2)	Substantial(3)
Graduate Exit Survey	>41 to < 60	61-75	>75

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM BANDRA MUMBAI-50

(DR. S. S. RATHOD)
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Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Graduate Exit Survey 2016-17

Graduate Attributes	Not at all	2	Moderately	4	Extremely	above threshold	total answered	Po attainment	level attainment
1.Do you feel you have acquired enough engineering knowledge to enable you to in an industry.	1	5	23	16	11	50	56	0.9	3.0
2. Do you think the program is affective in developing analytical and problem solving skills.	0	4	19	17	16	52	56	0.9	3.0
3.Have you acquired the potential to independent ally develop a solution for practical problem in discipline.	0	4	19	25	10	54	56	1.0	3.0
4.Are you in a position to solve a complex problem in your domain.	0	5	24	18	9	51	56	0.9	3.0
5.Have you used any modern tool / technology beyond curriculum (Projects, Seminars, in plant training, internships).	2	2	19	21	12	52	56	0.9	3.0
6.Are you in apposition to fulfill your social responsible as an engineer (like problems of community, water distribution, air pollution, computer literacy)	0	7	14	23	12	49	56	0.9	3.0
7.Are you able to develop a product / system which is environment friendly and green.	3	7	13	27	6	46	56	0.8	3.0
8.Are you aware of ethical valves required for your profession.	0	5	9	25	17	51	56	0.9	3.0
9.Are you comfortable working as a part of your project team.	0	2	9	19	26	54	56	1.0	3.0
10.How strong you are in your oral communication?	0	3	12	26	15	53	56	0.9	3.0
11.Are you able to work as a member and leader in a team, to manage projects and in multidisciplinary environments.	0	3	12	19	22	53	56	0.9	3.0
12.Are you eager to learn new technologies and explore new opportunities?	0	2	5	16	33	54	56	1.0	3.0
PSO	inadequate	Adequate	very well	fairly well				**PSO1 ATTAINMENT**	**level attainment**
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	0	14	8	34	NA	56	56	1.00	3.0
	Excellent	Adequate	Fair	Poor	Not Applicable			**PSO2 ATTAINMENT**	
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	8	32	14	1	2	54	56	0.97	3.0

(DR. S. S. RATHOD)
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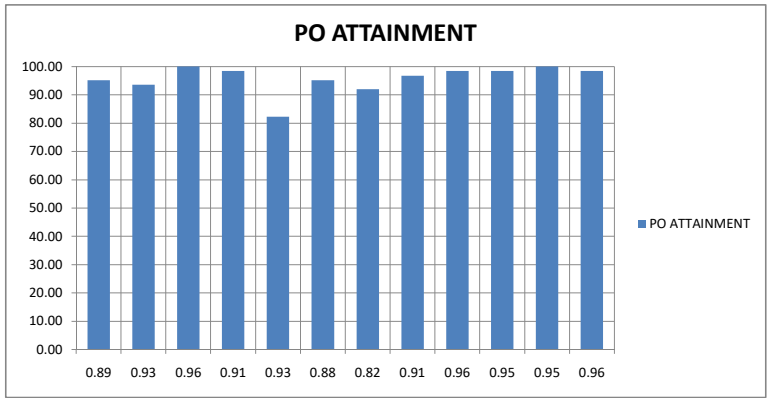
PO	PO ATTAINMENT
POA	0.89
POB	0.93
POC	0.96
POD	0.91
POE	0.93
POF	0.88
POG	0.82
POH	0.91
POI	0.96
POJ	0.95
POK	0.95
POL	0.96



Target level Attainment			
	low(1)	Moderate(2)	Substantial(3)
Graduate Exit Survey	>41 to < 60	61-75	>75

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Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Graduate Exit Survey 2015-16

Graduate Attributes	Not at all	2	Moderately	4	Extremely	above threshold	total answered	Po attainment	level attainment
1.Do you feel you have acquired enough engineering knowledge to enable you to in an industry.	1	2	36	11	12	59	62	95.16	3.00
2. Do you think the program is affective in developing analytical and problem solving skills.	2	2	21	23	14	58	62	93.55	3.00
3.Have you acquired the potential to independent ally develop a solution for practical problem in discipline.	0	0	25	27	12	62	62	100.00	3.00
4.Are you in a position to solve a complex problem in your domain.	0	1	23	26	12	61	62	98.39	3.00
5.Have you used any modern tool / technology beyond curriculum (Projects, Seminars, in plant training, internships).	6	5	17	19	15	51	62	82.26	3.00
6.Are you in apposition to fulfill your social responsible as an engineer (like problems of community, water distribution, air pollution, computer literacy)	0	3	25	17	17	59	62	95.16	3.00
7.Are you able to develop a product / system which is environment friendly and green.	2	3	25	18	14	57	62	91.94	3.00
8.Are you aware of ethical valves required for your profession.	0	2	15	24	21	60	62	96.77	3.00
9.Are you comfortable working as a part of your project team.	1	0	7	18	36	61	62	98.39	3.00
10.How strong you are in your oral communication?	0	1	17	32	12	61	62	98.39	3.00
11.Are you able to work as a member and leader in a team, to manage projects and in multidisciplinary environments.	0	0	15	18	29	62	62	100.00	3.00
12.Are you eager to learn new technologies and explore new opportunities?	0	1	4	23	34	61	62	98.39	3.00
PSO	inadequate	Adequate	very well	fairly well				**PSO1 ATTAINMENT**	**level attainment**
PSO1:Are you self sufficient in applying fundamental computer science knowledge to address real world challenges/opportunities.	0	18	15	29	NA	33	62	53.23	2
	Excellent	Adequate	Fair	Poor	Not Ap[illegible]			**PS02 ATTAINMENT**	
PSO2: Do you Design and implement computing systems of varying complexity in multidisciplinary scenarios that meet specified requirements with appropriate consideration relating to the following aspects: Architecture,Algorithm,Security	14	29	14	2	2	57	61	93.00	3

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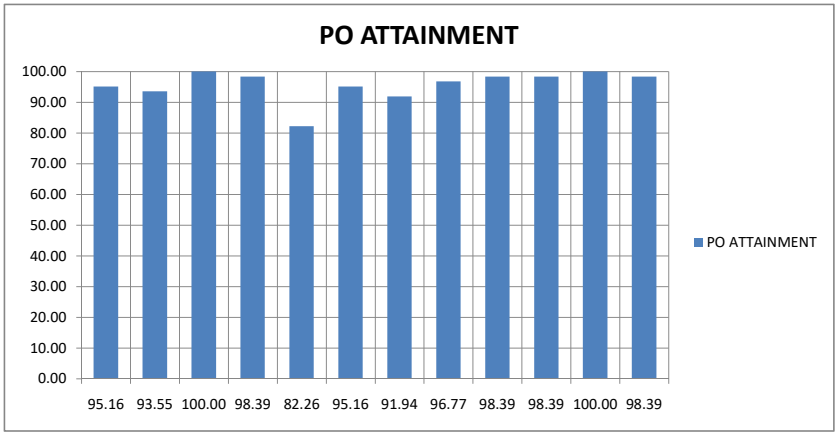
PO	PO ATTAINMENT
POA	95.16
POB	93.55
POC	100.00
POD	98.39
POE	82.26
POF	95.16
POG	91.94
POH	96.77
POI	98.39
POJ	98.39
POK	100.00
POL	98.39



Target level Attainment			
	low(1)	Moderate(2)	Substantial(3)
Graduate Exit Survey	>41 to < 60	61-70	>70

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Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Computer Engineering
Graduate Exit Survey 2014-15

Graduate Attributes	Not at all	2	Moderately	4	Extremely	above threshold	total answered	Po attainment	level attainment
1.Do you feel you have acquired enough engineering knowledge to enable you to in an industry.	3	6	39	19	10	68	77	0.88	3.00
2. Do you think the program is affective in developing analytical and problem solving skills.	3	7	47	14	6	67	77	0.87	3.00
3.Have you acquired the potential to independent ally develop a solution for practical problem in discipline.	1	2	41	20	13	74	77	0.96	3.00
4.Are you in a position to solve a complex problem in your domain.	1	6	44	18	8	70	77	0.91	3.00
5.Have you used any modern tool / technology beyond curriculum (Projects, Seminars, in plant training, internships)	8	4	31	16	18	65	77	0.84	3.00
6.Are you in apposition to fulfill your social responsible as an engineer (like problems of community, water distribution, air pollution, computer literacy)	0	6	42	16	13	71	77	0.92	3.00
7.Are you able to develop a product / system which is environment friendly and green.	5	8	44	9	11	64	77	0.83	3.00
8.Are you aware of ethical valves required for your profession.	2	4	28	23	20	71	77	0.92	3.00
9.Are you comfortable working as a part of your project team.	0	1	20	25	31	76	77	0.99	3.00
10.How strong you are in your oral communication?	0	3	31	26	17	74	77	0.96	3.00
11.Are you able to write general and technical reports effectively ?	0	0	18	21	38	77	77	1.00	3.00
12.Have you eager to learn new technologies and explore new opportunities?	0	1	18	19	39	76	77	0.99	3.00

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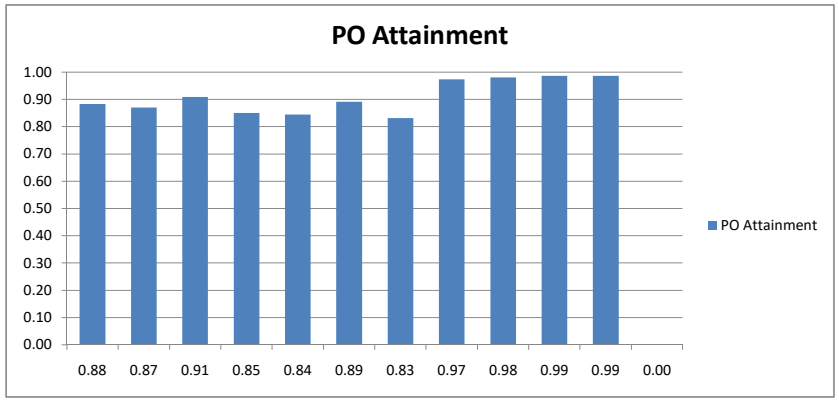
PO	PO ATTAINMENT
POA	0.88
POB	0.87
POC	0.91
POD	0.85
POE	0.84
POF	0.89
POG	0.83
POH	0.97
POI	0.98
POJ	0.99
POK	0.99
POL	0.00



Target level Attainment			
	low(1)	Moderate(2)	Substantial(3)
Graduate Exit Survey	>41 to < 60	61-70	>70

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GRADUATE EXIT SURVEY

DEPARTMENT OF ELECTRONICS ENGINEERING

(DR. S. S. RATHOD)
PRINCIPAL

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Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Electronics Engineering
Graduate Exit Survey 2018-19

		Strongly recommend	**Recommend**	**Not recommend**		
		14	49	10		
1	**How inclined are you to recommend Fr. CRCE to a close friend or relative**	**0.191781**	**0.671233**	**0.136986**		
Please indicate your level of satisfaction with respect to the following desired Program Educational Objectives (PEO),Program Specific Objectives (PSO),Program Outcomes (POs) :- 5-Excellent, 4: Very Good, 3: Good, 2: Average,1:Below Average						
		5	**4**	**3**	**2**	**1**
	Your ability to utilize their technical knowledge & professional skills	20	24	24	4	1
PO1	**for building successful careers while maintaining ethical standards.**	**0.273973**	**0.328767**	**0.328767**	**0.054795**	**0.013699**
		5	**4**	**3**	**2**	**1**
	Your ability to pursue higher studies & research activities in	20	26	18	5	4
PO12	**Electronics Engineering.**	**0.273973**	**0.356164**	**0.246575**	**0.068493**	**0.054795**
	Your ability to become entrepreneurs, professionals in multi-	**5**	**4**	**3**	**2**	**1**
	disciplinary roles & take up leadership positions in global	26	25	16	5	1
PO11	**organizations.**	**0.356164**	**0.342466**	**0.219178**	**0.068493**	**0.013699**
	Your ability to provide optimal solutions for real-life problems based	**5**	**4**	**3**	**2**	**1**
	on the knowledge acquired in field of Automation, Embedded System	20	24	25	1	3
PSO1	**Design, Communications & Signal Processing.**	**0.273973**	**0.328767**	**0.342466**	**0.013699**	**0.041096**
		5	**4**	**3**	**2**	**1**
	Your ability to test and debug hardware & software for Electronic	19	27	21	4	2
PSO2	**Systems***	**0.260274**	**0.369863**	**0.287671**	**0.054795**	**0.027397**
	Your ability to apply the knowledge of mathematics, science,	**5**	**4**	**3**	**2**	**1**
	engineering fundamentals, and an engineering specialization to the	14	31	24	2	2
PO2	**solution of complex engineering problems.***	**0.191781**	**0.424658**	**0.328767**	**0.027397**	**0.027397**
		5	**4**	**3**	**2**	**1**
	Your ability to identify, formulate, review research literature, and	18	28	21	5	1
PO2	**analyze complex engineering problems.**	**0.246575**	**0.383562**	**0.287671**	**0.068493**	**0.013699**
		5	**4**	**3**	**2**	**1**
	Your ability to design solutions for complex engineering problems and	16	28	23	5	1
PO3	**design system components or processes***	**0.219178**	**0.383562**	**0.315068**	**0.068493**	**0.013699**
		5	**4**	**3**	**2**	**1**
	Your ability to conduct investigations of complex problems using	19	30	19	4	1
PO4	**research based knowledge and research methods.**	**0.260274**	**0.410959**	**0.260274**	**0.054795**	**0.013699**
		5	**4**	**3**	**2**	**1**
		21	26	24	1	1
PO5	**Your ability to use modern tools.**	**0.287671**	**0.356164**	**0.328767**	**0.013699**	**0.013699**
		5	**4**	**3**	**2**	**1**
	Your ability to apply reasoning informed by the contextual knowledge	21	35	17	0	0
PO6	**to assess societal,health, safety, legal and cultural issues.**	**0.287671**	**0.479452**	**0.232877**	**0**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to understand the impact of the professional engineering	20	30	21	2	0
PO7	**solutions in societal and environmental contexts.**	**0.273973**	**0.410959**	**0.287671**	**0.027397**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to apply ethical principles and commit to professional	20	33	18	2	0
PO8	**ethics and responsibilities and norms of the engineering practice.**	**0.273973**	**0.452055**	**0.246575**	**0.027397**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability Function effectively as an individual, and as a member or	25	24	20	4	0
PO9	**leader in diverse teams, and in multidisciplinary settings.**	**0.342466**	**0.328767**	**0.273973**	**0.054795**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to communicate effectively on complex engineering	23	27	19	4	0
PO10	**activities with the engineering community and with society at la**	**0.315068**	**0.369863**	**0.260274**	**0.054795**	**0**
			4	**3**	**2**	**1**

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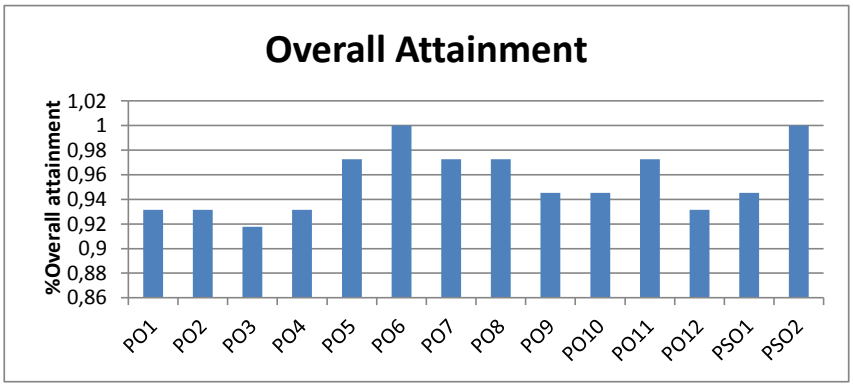
PO11	**Your ability to demonstrate knowledge and understanding of the engineering and management principles.**	20	31	20	1	1
		0.273973	**0.424658**	**0.273973**	**0.013699**	**0.013699**
PO12	**Your ability to recognize the need for, and have the preparation and ability to engage in independent and life-long learning.**	**5**	**4**	**3**	**2**	**1**
		25	30	17	1	0
		0.342466	**0.410959**	**0.232877**	**0.013699**	**0**



PO	Overall Attainment
PO1	0.93151
PO2	0.931507
PO3	0.917808
PO4	0.931507
PO5	0.972603
PO6	1
PO7	0.972603
PO8	0.972603
PO9	0.945205
PO10	0.945205
PO11	0.972603
PO12	0.931507
PSO1	0.945205
PSO2	1

Target level Attainment			
	low(1)	Moderate (2)	Substantial(3)
Graduate Exit Survey	>41 to <=60	61-70	>70

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Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Electronics Engineering
Graduate Exit Survey 2017-18

		Strongly recommend	**Recommend**	**Not recommend**		
	How inclined are you to recommend Fr. CRCE to a close friend or	25	42	4		
1	**relative**	**0.352113**	**0.591549**	**0.056338**		
Please indicate your level of satisfaction with respect to the following desired Program Educational Objectives (PEO),Program Specific Objectives (PSO),Program Outcomes (POs) :- 5-Excellent, 4: Very Good, 3: Good, 2: Average,1:Below Average						
		5	**4**	**3**	**2**	**1**
	Your ability to utilize their technical knowledge & professional skills	10	41	18	2	0
PO1	**for building successful careers while maintaining ethical standards.**	**0.140845**	**0.577465**	**0.253521**	**0.028169**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to pursue higher studies & research activities in	7	34	25	5	0
PO12	**Electronics Engineering.**	**0.098592**	**0.478873**	**0.352113**	**0.070423**	**0**
	Your ability to become entrepreneurs, professionals in multi-	**5**	**4**	**3**	**2**	**1**
	disciplinary roles & take up leadership positions in global	15	41	13	2	0
PO11	**organizations.**	**0.211268**	**0.577465**	**0.183099**	**0.028169**	**0**
	Your ability to provide optimal solutions for real-life problems based	**5**	**4**	**3**	**2**	**1**
	on the knowledge acquired in field of Automation, Embedded System	15	27	27	2	0
PSO1	**Design, Communications & Signal Processing.**	**0.211268**	**0.380282**	**0.380282**	**0.028169**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to test and debug hardware & software for Electronic	16	30	23	1	1
PSO2	**Systems***	**0.225352**	**0.422535**	**0.323944**	**0.014085**	**0.014085**
	Your ability to apply the knowledge of mathematics, science,	**5**	**4**	**3**	**2**	**1**
	engineering fundamentals, and an engineering specialization to the	11	31	24	4	1
PO2	**solution of complex engineering problems.***	**0.15493**	**0.43662**	**0.338028**	**0.056338**	**0.014085**
		5	**4**	**3**	**2**	**1**
	Your ability to identify, formulate, review research literature, and	8	29	32	1	1
PO2	**analyze complex engineering problems.**	**0.112676**	**0.408451**	**0.450704**	**0.014085**	**0.014085**
		5	**4**	**3**	**2**	**1**
	Your ability to design solutions for complex engineering problems	11	31	26	3	0
PO3	**and design system components or processes***	**0.15493**	**0.43662**	**0.366197**	**0.042254**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to conduct investigations of complex problems using	10	27	29	4	1
PO4	**research based knowledge and research methods.**	**0.140845**	**0.380282**	**0.408451**	**0.056338**	**0.014085**
		5	**4**	**3**	**2**	**1**
		15	32	21	3	0
PO5	**Your ability to use modern tools.**	**0.211268**	**0.450704**	**0.295775**	**0.042254**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to apply reasoning informed by the contextual knowledge	11	32	27	1	0
PO6	**to assess societal,health, safety, legal and cultural issues.**	**0.15493**	**0.450704**	**0.380282**	**0.014085**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to understand the impact of the professional engineering	11	32	27	1	0
PO7	**solutions in societal and environmental contexts.**	**0.15493**	**0.450704**	**0.380282**	**0.014085**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to apply ethical principles and commit to professional	11	31	27	2	0
PO8	**ethics and responsibilities and norms of the engineering practice.**	**0.15493**	**0.43662**	**0.380282**	**0.028169**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability Function effectively as an individual, and as a member or	17	26	26	2	0
PO9	**leader in diverse teams, and in multidisciplinary settings.**	**0.239437**	**0.366197**	**0.366197**	**0.028169**	**0**
		5	**4**	**3**	**2**	**1**
	Your ability to communicate effectively on complex engineering	[illegible]	27	23	2	1
PO10	**activities with the engineering community and with society at large**	[illegible]	**0.380282**	**0.323944**	**0.028169**	**0.014085**

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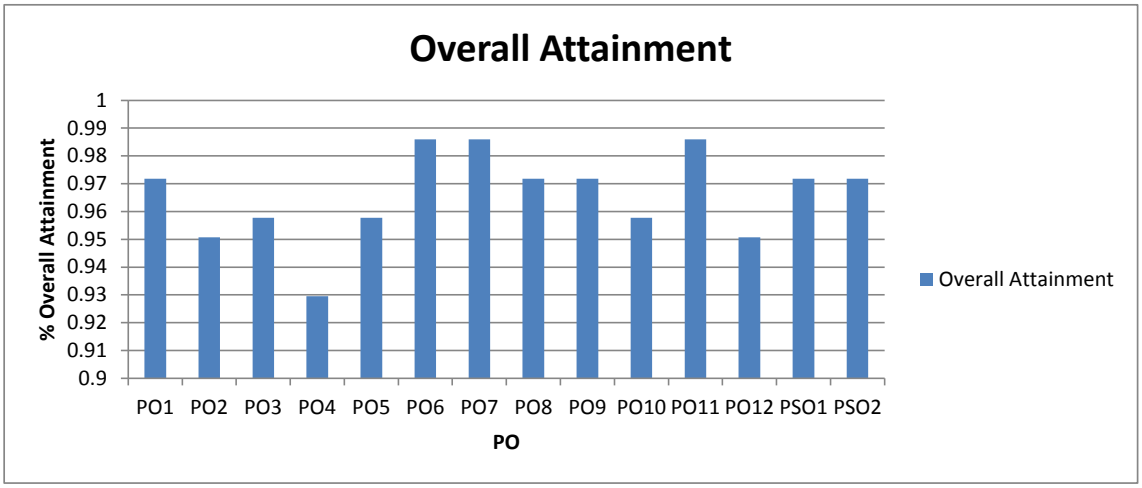
PO11	Your ability to demonstrate knowledge and understanding of the engineering and management principles.	**5**	**4**	**3**	**2**	**1**
		13	33	24	0	1
		0.183099	**0.464789**	**0.338028**	**0**	**0.014085**
PO12	Your ability to recognize the need for, and have the preparation and ability to engage in independent and life-long learning.	**5**	**4**	**3**	**2**	**1**
		13	39	17	1	1
		0.183099	**0.549296**	**0.239437**	**0.014085**	**0.014085**



PO	Overall Attainment
PO1	0.97183
PO2	0.9507
PO3	0.95775
PO4	0.92958
PO5	0.95775
PO6	0.98592
PO7	0.98592
PO8	0.97183
PO9	0.97183
PO10	0.95775
PO11	0.98592
PO12	0.9507
PSO1	0.97183
PSO2	0.97183

Target level Attainment			
	low(1)	Moderate (2)	Substantial(3)
Graduate Exit Survey	>41 to <=60	61-70	>70

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Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Electronics Engineering
Graduate Exit Survey 2016-17

		Strongly recommend	**Recommend**	**Not recommend**		
		28	40	5		
1	**How inclined are you to recommend Fr. CRCE to a close friend or relative**	28	40	5		
Please indicate your level of satisfaction with respect to the following desired Program Educational Objectives (PEO),Program Specific Objectives (PSO),Program Outcomes (POs) :- 5-Excellent, 4: Very Good, 3: Good, 2: Average,1:Below Average						
	1.Your ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex	**5**	**4**	**3**	**2**	**1**
		12	33	26	2	0
PO1	**engineering problems.**	**0.164384**	**0.452055**	**0.356164**	**0.027397**	**0**
	2. Your ability to identify, formulate, review research literature, and analyze	**5**	**4**	**3**	**2**	**1**
		15	33	23	2	0
PO2	**complex engineering problems.**	**0.205479**	**0.452055**	**0.315068**	**0.027397**	**0**
	3.Your ability to design solutions for complex engineering problems and design	**5**	**4**	**3**	**2**	**1**
		15	32	21	5	0
PO3	**system components or processes**	**0.205479**	**0.438356**	**0.287671**	**0.068493**	**0**
	4. Your ability to conduct investigations of complex problems using research	**5**	**4**	**3**	**2**	**1**
		16	31	24	2	0
PO4	**based knowledge and research methods**	**0.219178**	**0.424658**	**0.328767**	**0.027397**	**0**
		5	**4**	**3**	**2**	**1**
		16	35	16	6	0
PO5	**5.Your ability to use modern tools**	**0.219178**	**0.479452**	**0.219178**	**0.082192**	**0**
	6. Your ability to apply reasoning informed by the contextual knowledge to	**5**	**4**	**3**	**2**	**1**
		18	29	25	1	0
PO6	**assess societal,health, safety, legal and cultural issues**	**0.246575**	**0.39726**	**0.342466**	**0.013699**	**0**
	7.Your ability to understand the impact of the professional engineering	**5**	**4**	**3**	**2**	**1**
		20	30	22	1	0
PO7	**solutions in societal and environmental contexts,**	**0.273973**	**0.410959**	**0.30137**	**0.013699**	**0**
	8. Your ability to apply ethical principles and commit to professional ethics and	**5**	**4**	**3**	**2**	**1**
		18	34	19	2	0
PO8	**responsibilities and norms of the engineering practice.**	**0.246575**	**0.465753**	**0.260274**	**0.027397**	**0**
	9.Your ability Function effectively as an individual, and as a member or leader in	**5**	**4**	**3**	**2**	**1**
		22	32	19	0	0
PO9	**diverse teams, and in multidisciplinary settings.**	**0.30137**	**0.438356**	**0.260274**	**0**	**0**
		5	**4**	**3**	**2**	**1**
	10.Your ability to communicate effectively on complex engineering activities	16	33	22	1	1
PO10	**with the engineering community and with society at large**	**0.219178**	**0.452055**	**0.30137**	**0.013699**	**0.013699**
	11. Your ability to demonstrate knowledge and understanding of the	**5**	**4**	**3**	**2**	**1**
		16	37	19	1	0
PO11	**engineering and management principles**	**0.219178**	**0.506849**	**0.260274**	**0.013699**	**0**
	12. Your ability to recognize the need for, and have the preparation and ability to	**5**	**4**	**3**	**2**	**1**
		21	30	21	1	0
PO12	**engage in independent and life-long learning**	**0.287671**	**0.410959**	**0.287671**	**0.013699**	**0**
		5	**4**	**3**	**2**	**1**
		19	33	19	2	0
PSO1	**Your ability to provide optimal solutions for real-life problems in Electronics**	**0.260274**	**0.452055**	**0.260274**	**0.027397**	**0**
		5	**4**	**3**	**2**	**1**
		20	30	20	3	0
PSO2	**Your ability to test and debug hardware & software for Electronic Systems**	**0.273973**	**0.410959**	**0.273973**	**0.041096**	**0**

Overall Attainment

PO	**Overall Attainment**

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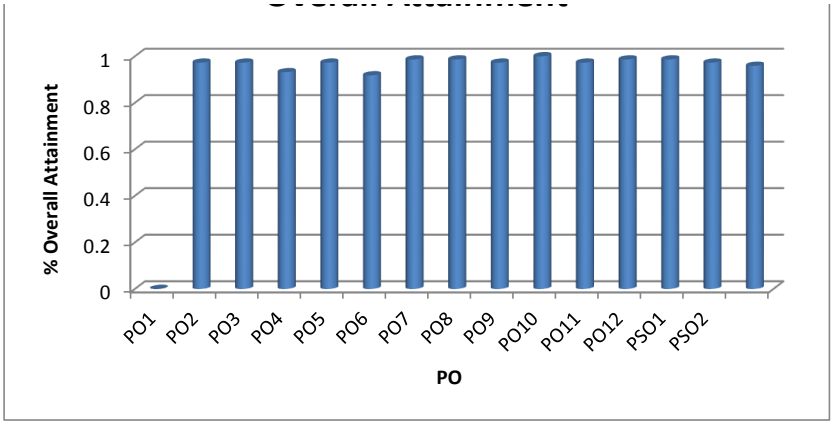

PO1	0.9726
PO2	0.972603
PO3	0.931507
PO4	0.972603
PO5	0.917808
PO6	0.986301
PO7	0.986301
PO8	0.972603
PO9	1
PO10	0.972603
PO11	0.986301
PO12	0.986301
PSO1	0.972603
PSO2	0.958904

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
FR. AGNEL ASHRAM, BANDRA MUMBAI-50

(DR. S. S. RATHOD)
PRINCIPAL

Fr. Conceicao Rodrigues College Of Engineering
Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Electronics Engineering
Graduate Exit Survey 2015-16

		Strongly recommend	**Recommend**	**Not recommend**		
		20	44	2		
1	**How inclined are you to recommend Fr. CRCE to a close friend or relative**	**0.30303**	**0.666667**	**0.030303**		
Please indicate your level of satisfaction with respect to the following desired Program Educational Objectives (PEO),Program Specific Objectives (PSO),Program Outcomes (POs) :- 5-Excellent, 4: Very Good, 3: Good, 2: Average,1:Below Average						
	1.Your ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	**5**	**4**	**3**	**2**	**1**
		8	37	21	0	0
PO1		**0.121212**	**0.560606**	**0.318182**	**0**	**0**
	2. Your ability to identify, formulate, review research literature, and analyze complex engineering problems.	**5**	**4**	**3**	**2**	**1**
		5	38	23	0	0
PO2		**0.075758**	**0.575758**	**0.348485**	**0**	**0**
	3.Your ability to design solutions for complex engineering problems and design system components or processes	**5**	**4**	**3**	**2**	**1**
		5	28	31	2	0
PO3		**0.075758**	**0.424242**	**0.469697**	**0.030303**	**0**
	4. Your ability to conduct investigations of complex problems using research based knowledge and research methods	**5**	**4**	**3**	**2**	**1**
		4	25	32	5	0
PO4		**0.060606**	**0.378788**	**0.484848**	**0.075758**	**0**
	5.Your ability to use modern tools	**5**	**4**	**3**	**2**	**1**
		13	36	16	1	0
PO5		**0.19697**	**0.545455**	**0.242424**	**0.015152**	**0**
	6. Your ability to apply reasoning informed by the contextual knowledge to assess societal,health, safety, legal and cultural issues	**5**	**4**	**3**	**2**	**1**
		8	35	22	1	0
PO6		**0.121212**	**0.530303**	**0.333333**	**0.015152**	**0**
	7.Your ability to understand the impact of the professional engineering solutions in societal and environmental contexts,	**5**	**4**	**3**	**2**	**1**
		7	35	23	0	1
PO7		**0.106061**	**0.530303**	**0.348485**	**0**	**0.015152**
	8. Your ability to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	**5**	**4**	**3**	**2**	**1**
		11	32	23	0	0
PO8		**0.166667**	**0.484848**	**0.348485**	**0**	**0**
	9.Your ability Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	**5**	**4**	**3**	**2**	**1**
		14	35	15	2	0
PO9		**0.212121**	**0.530303**	**0.227273**	**0.030303**	**0**
	10.Your ability to communicate effectively on complex engineering activities with the engineering community and with society at large	**5**	**4**	**3**	**2**	**1**
		9	32	23	2	0
PO10		**0.136364**	**0.484848**	**0.348485**	**0.030303**	**0**
	11. Your ability to demonstrate knowledge and understanding of the engineering and management principles	**5**	**4**	**3**	**2**	**1**
		7	35	24	0	0
PO11		**0.106061**	**0.530303**	**0.363636**	**0**	**0**
	12. Your ability to recognize the need for, and have the preparation and ability to engage in independent and life-long learning	**5**	**4**	**3**	**2**	**1**
		8	38	20	0	0
PO12		**0.121212**	**0.575758**	**0.30303**	**0**	**0**

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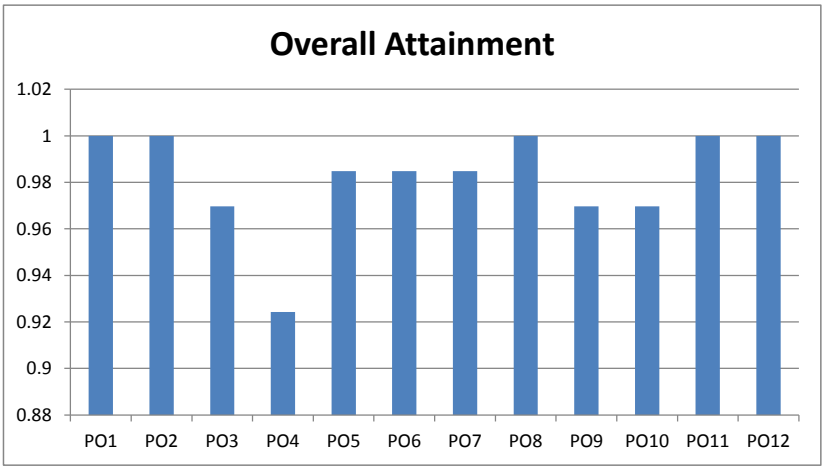

PO	Overall Attainment
PO1	1
PO2	1
PO3	0.969697
PO4	0.924242
PO5	0.984848
PO6	0.984848
PO7	0.984848
PO8	1
PO9	0.969697
PO10	0.969697
PO11	1
PO12	1

Target level Attainment			
	low(1)	Moderate (2)	Substantial(3)
Graduate Exit Survey	>41 to <=60	61-70	>70

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Department of Electronics Engineering
Graduate Exit Survey 2014-15

		Overall Attainment
PO1	**1.Your ability to apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.**	1.9726
PO2	**2. Your ability to identify, formulate, review research literature, and analyze complex engineering problems.**	2
PO3	**3.Your ability to design solutions for complex engineering problems and design system components or processes**	2.067568
PO4	**4. Your ability to conduct investigations of complex problems using research based knowledge and research methods**	1.932432
PO5	**5.Your ability to use modern tools**	2
PO6	**6. Your ability to apply reasoning informed by the contextual knowledge to assess societal,health, safety, legal and cultural issues**	2.148649
PO7	**7.Your ability to understand the impact of the professional engineering solutions in societal and environmental contexts,**	2.067568
PO8	**8. Your ability to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.**	2.283784
PO9	**9.Your ability Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.**	2.405405
PO10	**10.Your ability to communicate effectively on complex engineering activities with the engineering community and with society at large**	2.351351
PO11	**11. Your ability to demonstrate knowledge and understanding of the engineering and management principles**	2.243243
PO12	**12. Your ability to recognize the need for, and have the preparation and ability to engage in independent and life-long learning**	2.337838

Total no. of Respondent=73

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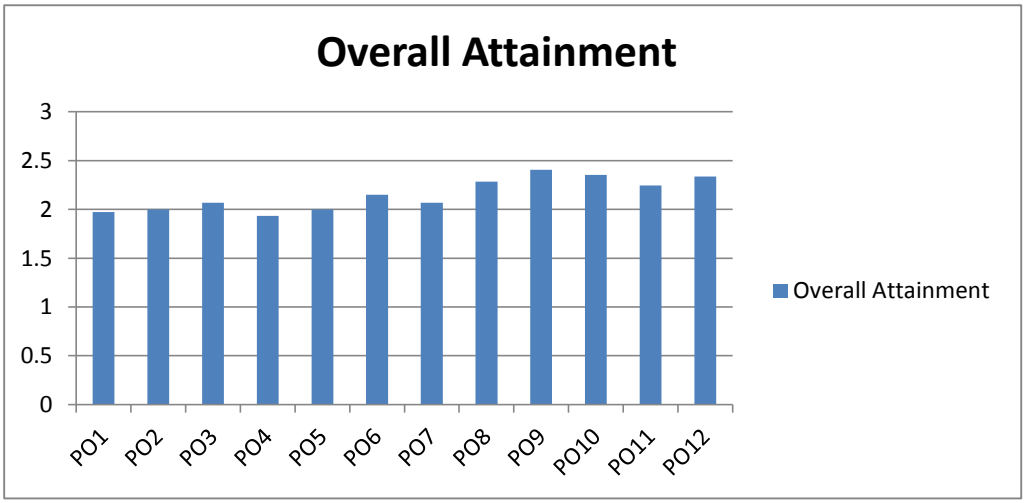

PO	Overall Attainment
PO1	1.9726
PO2	2
PO3	2.067568
PO4	1.932432
PO5	2
PO6	2.148649
PO7	2.067568
PO8	2.283784
PO9	2.405405
PO10	2.351351
PO11	2.243243
PO12	2.337838

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GRADUATE EXIT SURVEY

DEPARTMENT OF INFORMATION TECHNOLOGY

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Fr. Agnel Ashram, BandStand, Bandra (W), Mumbai,

Department of Information technology

(Graduate Exit Survey2018-19)

I can apply principles of Science and Mathematics and Engineering fundamentals to problems in IT domain (P1)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	32	24	11	6	1	
	0.432432432	0.324324	0.148649	0.081081	0.013514	
I can apply principles of Science and Mathematics and Engineering fundamentals to problems in IT domain (P1)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	38	34	2	0	0	
	0.513513514	0.459459	0.027027	0	0	
I am able to analyze complex engineering problems(P2)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	38	33	3	0	0	
	0.513513514	0.445946	0.040541	0	0	
I am able to design solutions considering public health and safety, and cultural, societal and environmental considerations.(P3)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	38	32	3	1	0	
	0.513513514	0.432432	0.040541	0.013514	0	
I am able to apply research based knowledge and methods to infer valid conclusions.(P4)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	34	37	3	0	0	
	0.459459459	0.5	0.040541	0	0	
I am capable to use modern engineering tools.(P5)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	31	36	6	0	1	

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	0.418918919	0.486486	0.081081	0	0.013514	
My adoption of professional ethics and concern for the society are appreciable.(P6,P7,P8)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	38	35	1	0	0	
	0.513513514	0.472973	0.013514	0	0	
I can lead and / or contribute as a team player (P9)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	48	25	1	0	0	
	0.648648649	0.337838	0.013514	0	0	
My capabilities in both oral and written communication are sufficient (P10)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	44	27	3	0	0	
	0.594594595	0.364865	0.040541	0	0	
I am able to apply Engineering and Management principles n multidisciplinary environment. (P11)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	37	34	3	0	0	
	0.5	0.459459	0.040541	0	0	
I am aware of being technologically upgraded through life long learning (P12)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree	
	44	27	3	0	0	
	0.594594595	0.364865	0.040541	0	0	

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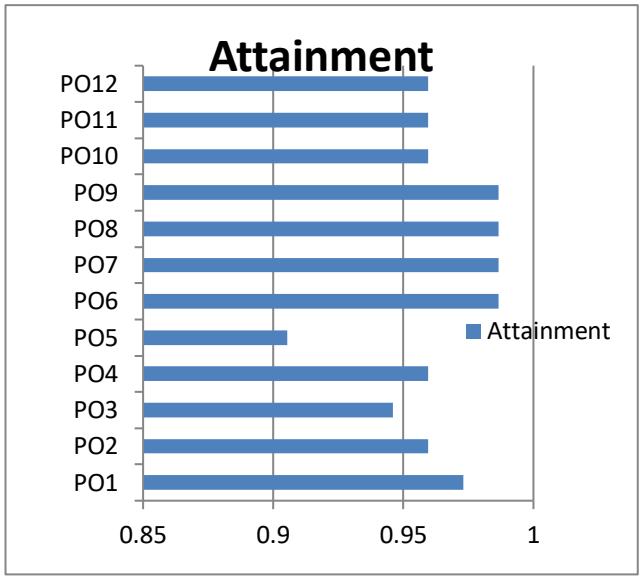

PO	Attainment
PO1	0.972973
PO2	0.959459
PO3	0.945946
PO4	0.959459
PO5	0.905405
PO6	0.986486
PO7	0.986486
PO8	0.986486
PO9	0.986486
PO10	0.959459
PO11	0.959459
PO12	0.959459

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Department of Information Technology

(Graduate Exit Survey 2017-18)

I can apply principles of Science and Mathematics and Engineering fundamentals to problems in IT domain (P1)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	27	46	4	0	0
	0.350649	0.597403	0.051948	0	0
I am able to analyze complex engineering problems(P2)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	26	47	4	0	0
	0.337662	0.61039	0.051948	0	0
I am able to design solutions considering public health and safety, and cultural, societal and environmental considerations.(P3)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	27	45	5	0	0
	0.350649	0.584416	0.064935	0	0
I am able to apply research based knowledge and methods to infer valid conclusions.(P4)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	28	44	5	0	0
	0.363636	0.571429	0.064935	0	0
I am capable to use modern engineering tools.(P5)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	24	47	6	0	0
	0.311688	0.61039	0.077922	0	0
My adoption of professional ethics and concern for the society are appreciable.(P6,P7,P8)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	35	38	4	0	0

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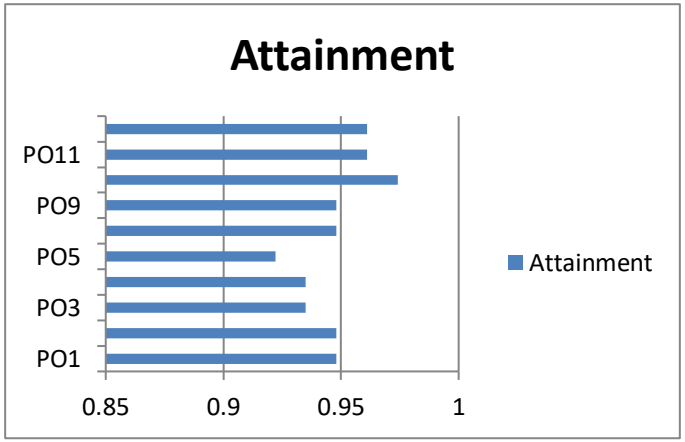
	0.454545	0.493506	0.051948	0	0
I can lead and / or contribute as a team player (P9)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	38	35	4	0	0
	0.493506	0.454545	0.051948	0	0
My capabilities in both oral and written communication are sufficient (P10)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	35	40	2	0	0
	0.454545	0.519481	0.025974	0	0
I am able to apply Engineering and Management principles n multidisciplinary environment. (P11)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	31	43	3	0	0
	0.402597	0.558442	0.038961	0	0
I am aware of being technologically upgraded through life long learning (P12)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	32	42	2	1	0
	0.415584	0.545455	0.025974	0.012987013	0



PO	Attainment
PO1	0.948051948
PO2	0.948051948
PO3	0.935064935
PO4	0.935064935
PO5	0.922077922
PO6,PO7 &PO8	0.948051948
PO9	0.948051948
PO10	0.974025974
PO11	0.961038961
PO12	0.961038961

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PO1	I can apply principles of Science and Mathematics and Engineering fundamentals to problems in IT domain (P1)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		22	46	8	0	0
		0.289474	0.605263	0.105263158	0	0
PO2	I am able to analyze complex engineering problems(P2)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		17	52	7	0	0
		0.223684	0.684211	0.092105263	0	0
PO3	I am able to design solutions considering public health and safety, and cultural, societal and environmental considerations.(P3)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		18	49	7	2	0
		0.236842	0.644737	0.092105263	0.026316	0
PO4	I am able to apply research based knowledge and methods to infer valid conclusions.(P4)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		21	46	8	1	0
		0.276316	0.605263	0.105263158	0.013158	0
PO5	I am capable to use modern engineering tools.(P5)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		18	54	4	0	0
		0.236842	0.710526	0.052631579	0	0
PO6,PO7,PO8	My adoption of professional ethics and concern for the society are appreciable.(P6,P7,P8)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		26	45	5	0	0
		0.342105	0.592105	0.065789474	0	0
PO9	I can lead and / or contribute as a team player (P9)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree

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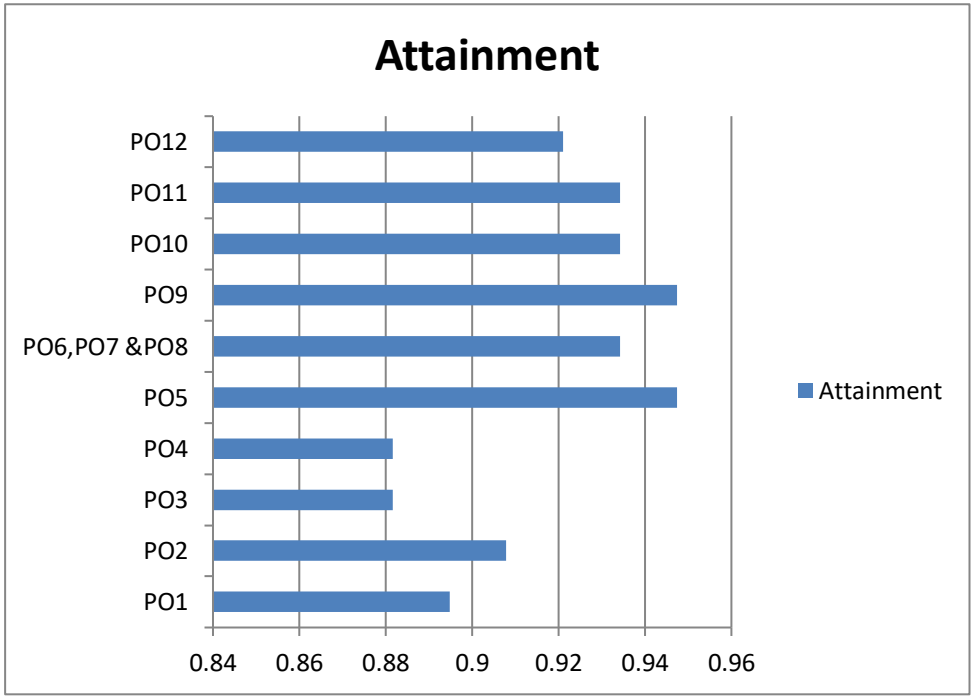
		25	47	3	1	0
		0.328947	0.618421	0.039473684	0.013158	0
PO10	My capabilities in both oral and written communication are sufficient (P10)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		25	46	4	1	0
		0.328947	0.605263	0.052631579	0.013158	0
PO11	I am able to apply Engineering and Management principles n multidisciplinary environment. (P11)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		22	49	5	0	0
		0.289474	0.644737	0.065789474	0	0
PO12	I am aware of being technologically upgraded through life long learning (P12)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
		25	45	5	1	0
		0.328947	0.592105	0.065789474	0.013158	0



PO	Attainment
PO1	0.894737
PO2	0.907895
PO3	0.881579
PO4	0.881579
PO5	0.947368
PO6,PO7 &PO8	0.934211
PO9	0.947368
PO10	0.934211
PO11	0.934211
PO12	0.921053

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I can apply principles of Science and Mathematics and Engineering fundamentals to problems in IT domain (P1)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	14	30	2	1	0
	0.29787234	0.638297872	0.042553191	0.021276596	0
I am able to analyze complex engineering problems(P2)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	16	28	2	1	0
	0.340425532	0.595744681	0.042553191	0.021276596	0
I am able to design solutions considering public health and safety, and cultural, societal and environmental considerations.(P3)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	11	30	5	1	0
	0.234042553	0.638297872	0.106382979	0.021276596	0
I am able to apply research based knowledge and methods to infer valid conclusions.(P4)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	14	32	1	0	0
	0.29787234	0.680851064	0.021276596	0	0
I am capable to use modern engineering tools.(P5)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	13	33	0	1	0
	0.276595745	0.70212766	0	0.021276596	0

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My adoption of professional ethics and concern for the society are appreciable.(P6,P7,P8)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	16	29	1	1	0
	0.340425532	0.617021277	0.021276596	0.021276596	0
I can lead and / or contribute as a team player (P9)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	27	19	1	0	0
	0.574468085	0.404255319	0.021276596	0	0
My capabilities in both oral and written communication are sufficient (P10)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	26	19	2	0	0
	0.553191489	0.404255319	0.042553191	0	0
I am able to apply Engineering and Management principles n multidisciplinary environment. (P11)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	15	28	4	0	0
	0.319148936	0.595744681	0.085106383	0	0
I am aware of being technologically upgraded through life long learning (P12)	Strongly Agree	Agree	Neutral	Don't Agree	Strongly Disagree
	19	25	3	0	0
	0.404255319	0.531914894	0.063829787	0	0

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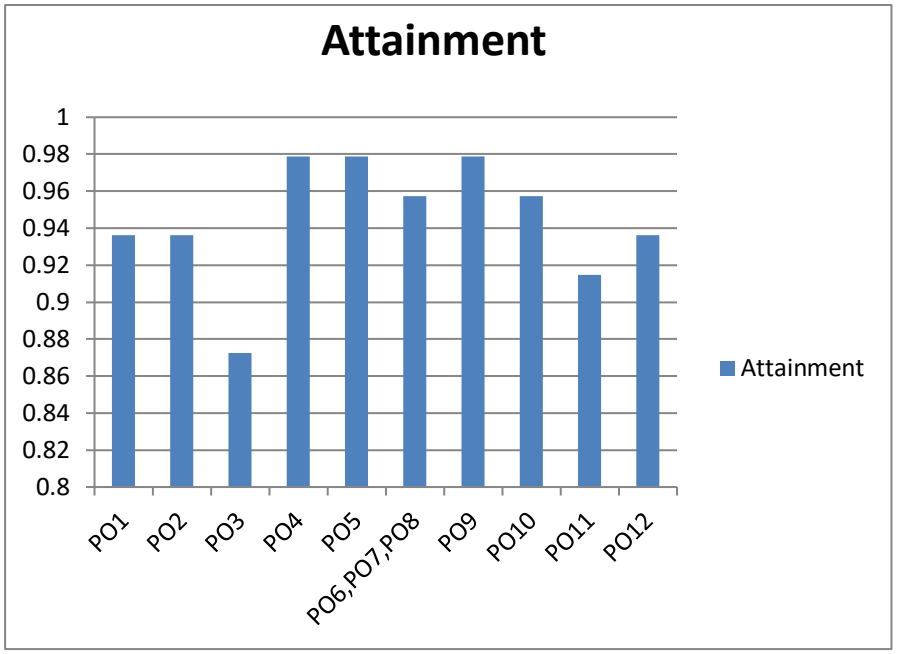

PO	Attainment
PO1	0.936170213
PO2	0.936170213
PO3	0.872340426
PO4	0.978723404
PO5	0.978723404
PO6,PO7,PO8	0.957446809
PO9	0.978723404
PO10	0.957446809
PO11	0.914893617
PO12	0.936170213

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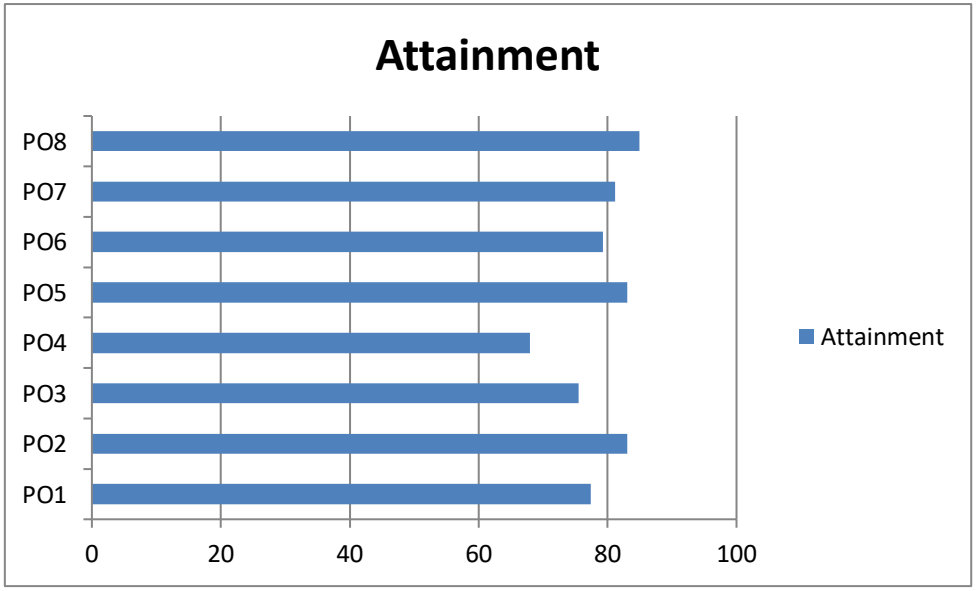
	PO statement	strongly agree	agree	neutral	don't agree	strongly disagree
PO1	I can apply principles of Science & Mathematics to problems in IT domain	5	36	12	0	0
PO2	I can sufficiently contribute to the implementation of feasible solution real life problems in IT Domain	13	31	9	0	0
PO3	My capabilities to use modern tools and infer from results are good	7	33	13	0	0
PO4	I am reasonably updated with latest happenings in IT domain	11	25	16	1	0
PO5	My adoption of professional ethics and concern for the society are appreciable	15	29	9	0	0
PO6	I can lead and contribute as a team player	16	26	11	0	0
PO7	My overall capabilities are sufficient to manage a start up.	14	29	10	0	0
PO8	My capabilities in both oral and written communication are sufficient	20	25	8	0	0



PO	Attainment
PO1	77.3584906
PO2	83.0188679
PO3	75.4716981
PO4	67.9245283
PO5	83.0188679
PO6	79.245283
PO7	81.1320755
PO8	84.9056604

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Department of Production Engineering

(Graduate Exit Survey2018-19)

Sr.No	PO#	Graduate Atributes	To very high extent	To reasonably high extent	To reasonable extent	To limited extent	To some extent	Total Responss	Number of responses above target	Pecentage of Responses above target	PO Attainment (on 3 point Scale)
1	PO1	I can apply principles of Science and Mathematics to solve problems in production engineering domain	7	42	26	0	0	77	77	100	3
2	PO2	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry	11	45	18	0	1	77	75	97.4026	3
3	PO3	I can sufficiently contribute to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.	10	37	26	2	0	77	75	97.4026	3
4	PO4	I can design and conduct experiments, as well as analyze and interpret data	12	38	24	1	0	77	76	98.7013	3
5	PO5	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice	14	37	24	0	0	77	76	98.7013	3

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6	PO6	I can understand the impact of engineering solutions in a global, economic, environmental and societal context	12	38	25	0	0	77	77	100	3
7	PO7	This course provided ability to participate in technical and professional societies for professional growth	15	32	26	2	0	77	75	97.4026	3
8	PO8	I will follow professional and ethical responsibilities	13	45	17	0	0	77	77	100	3
9	PO9	This course helped me to function on multi-disciplinary teams	15	43	17	0	0	77	77	100	3
10	PO10	I can communicate effectively by oral presentations and prepare documents/Technical reports	14	42	16	3	0	77	74	96.1039	3
11	PO11	I am confident to apply principles of management, Finance and Economics to my own work and as a leader in a team.	14	31	31	0	0	77	77	100	3
12	PO12	I recognize the need for life-long learning and pursuing higher studies.	13	38	21	2	0	77	74	96.1039	3
13	PSO1	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry And I can design and conduct experiments, as well as analyze and interpret data	12	42	21	1	1	77	75.5	98.0519	3
14	PSO2	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice And This program helped me to use modern tools effectively in order to solve real life manufacturing problems	**13**	40	22	1	0	77	75.5	98.0519	3

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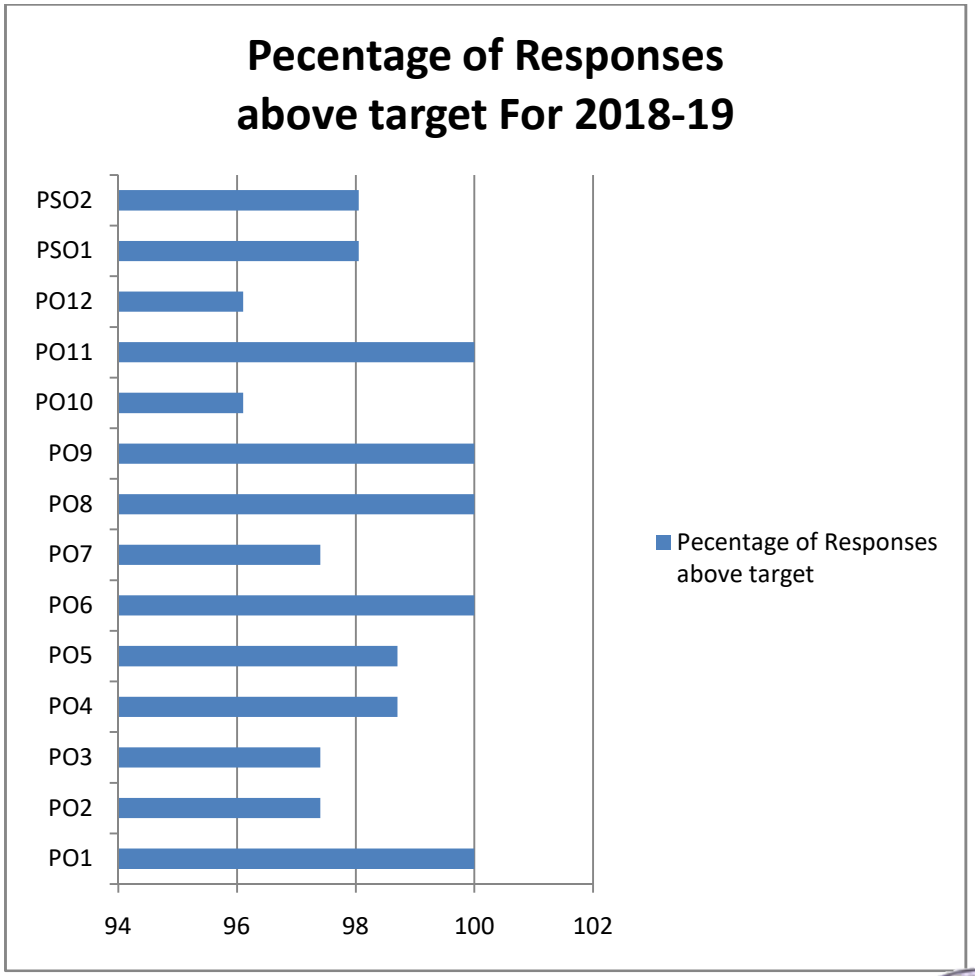

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Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, BandStand, Bandra (W), Mumbai,

Department of Production Engineering

(Graduate Exit Survey 2017-18)

Sr.No	PO#	Graduate Atributes	To very high extent	To reasonably high extent	To reasonable extent	To limited extent	To some extent	Total Responses	Number of responses above target	Pecentage of Responses above target	PO Attainment (on 3 point Scale)
1	PO1	I can apply principles of Science and Mathematics to solve problems in production engineering domain	12	42	23	0	0	86	85	98.8372	3
2	PO2	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry	14	51	12	0	0	86	84	97.6744	3
3	PO3	I can sufficiently contribute to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.	16	36	24	1	0	86	83	96.5116	3
4	PO4	I can design and conduct experiments, as well as analyze and interpret data	16	41	18	1	0	86	84	97.6744	3

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5	PO5	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice	17	40	20	0	0	86	84	97.6744	3
6	PO6	I can understand the impact of engineering solutions in a global, economic, environmental and societal context	10	37	30	0	0	86	85	98.8372	3
7	PO7	This course provided ability to participate in technical and professional societies for professional growth	13	36	25	3	0	86	82	95.3488	3
8	PO8	I will follow professional and ethical responsibilities	19	42	15	0	0	86	85	98.8372	3
9	PO9	This course helped me to function on multi-disciplinary teams	18	43	16	0	0	86	85	98.8372	3
10	PO10	I can communicate effectively by oral presentations and prepare documents/Technical reports	16	37	17	7	0	86	78	90.6977	3
11	PO11	I am confident to apply principles of management, Finance and Economics to my own work and as a leader in a team.	25	31	21	0	0	86	85	98.8372	3
12	PO12	I recognize the need for life-long learning and pursuing higher studies.	23	37	14	2	0	86	82	95.3488	3
13	PSO1	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry And I can design and conduct experiments, as well as analyze and interpret data						86	84	97.6744	3

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14	PSO2	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice And This program helped me to use modern tools effectively in order to solve real life manufacturing problems	**19**	41	18	0	0	86	84	97.6744	3

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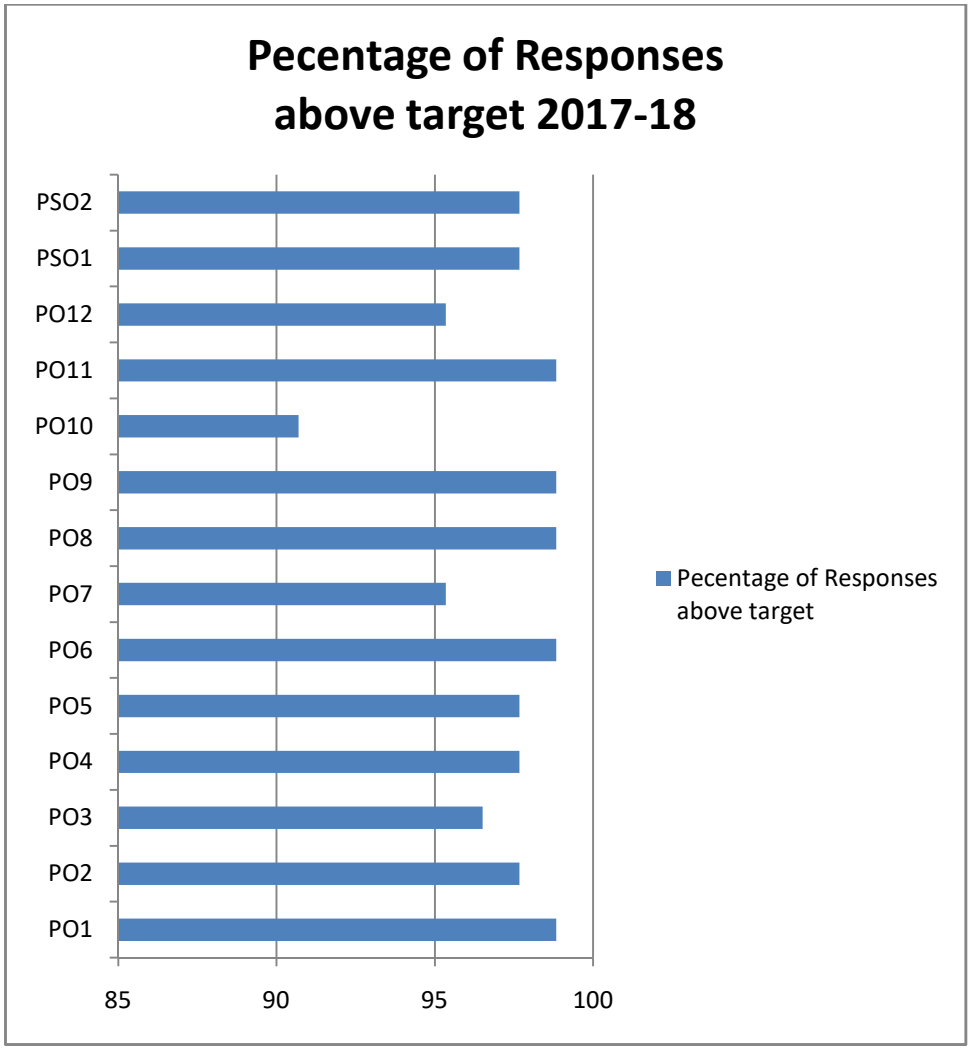

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Fr. Agnel Ashram, BandStand, Bandra (W), Mumbai,

Department of Production Engineering

(Graduate Exit Survey 2016-17)

Sr.No	PO#	Graduate Atributes	To very high extent	To reasonably high extent	To reasonable extent	To limited extent	To some extent	Total Responses	Number of responses above target	Pecentage of Responses above target	PO Attainment (on 3 point Scale)
1	PO1	I can apply principles of Science and Mathematics to solve problems in production engineering domain	3	26	31	0	2	64	62	96.875	3
2	PO2	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry	3	31	27	1	1	64	62	96.875	3
3	PO3	I can sufficiently contribute to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.	3	27	30	1	1	64	62	96.875	3
4	PO4	I can design and conduct experiments, as well as analyze and interpret data	7	26	24	4	1	64	58	90.625	3
5	PO5	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice	7	30	23	1	1	64	62	96.875	3

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6	PO6	I can understand the impact of engineering solutions in a global, economic, environmental and societal context	6	26	28	1	1	64	62	96.875	3
7	PO7	This course provided ability to participate in technical and professional societies for professional growth	3	28	25	4	2	64	58	90.625	3
8	PO8	I will follow professional and ethical responsibilities	13	33	15	1	1	64	62	96.875	3
9	PO9	This course helped me to function on multi-disciplinary teams	9	34	18	1	1	64	62	96.875	3
10	PO10	I can communicate effectively by oral presentations and prepare documents/Technical reports	9	28	23	1	2	64	61	95.3125	3
11	PO11	I am confident to apply principles of management, Finance and Economics to my own work and as a leader in a team.	8	33	16	3	2	64	58	90.625	3
12	PO12	I recognize the need for life-long learning and pursuing higher studies.	17	22	20	2	1	64	60	93.75	3
13	PSO1	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry And I can design and conduct experiments, as well as analyze and interpret data	5	29	26	3	1	64	58	90.625	3
14	PSO2	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice And This program helped me to use modern tools effectively in order to solve real life manufacturing problems	**6**	34	20	2	1	64	61	95.3125	3

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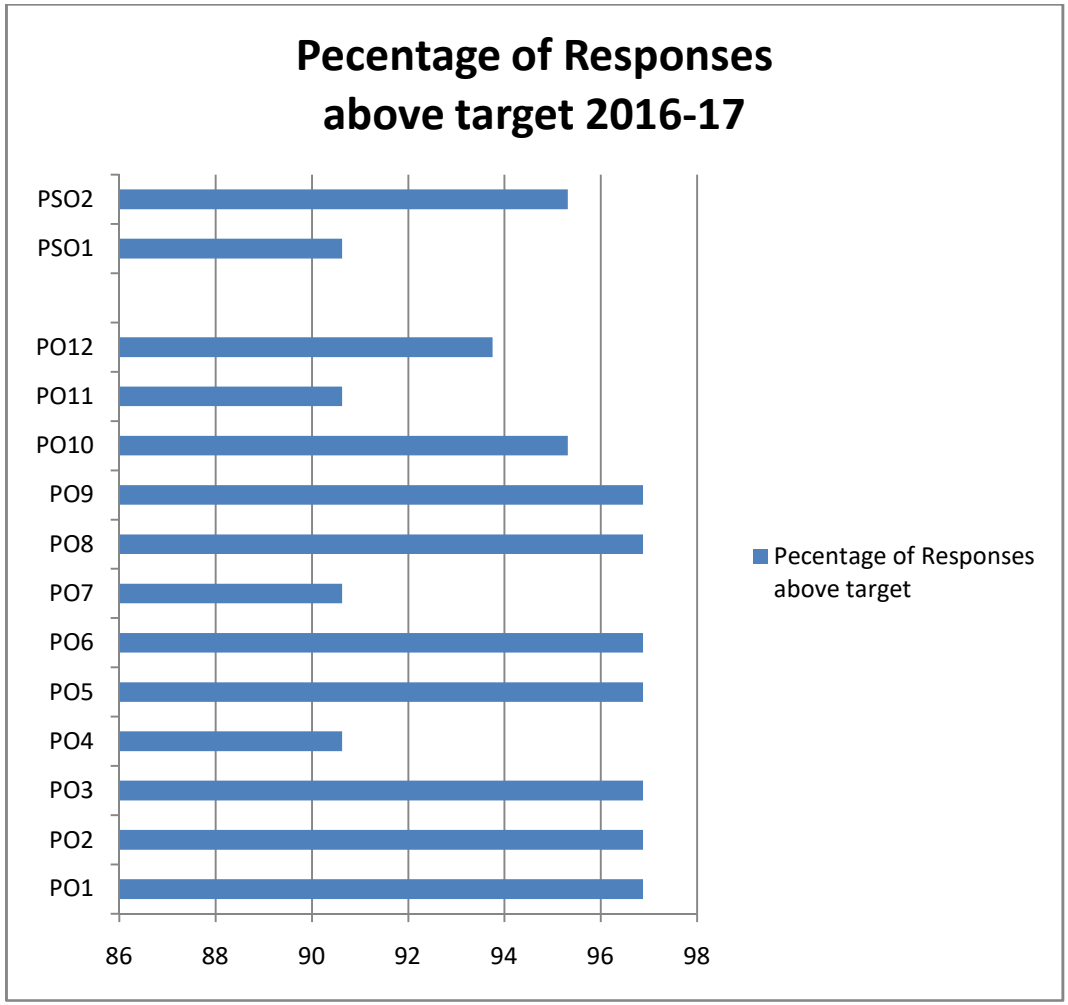

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Fr. Conceicao Rodrigues College of Engineering

Fr. Agnel Ashram, BandStand, Bandra (W), Mumbai,

Department of Production Engineering

(Graduate Exit Survey 2015-16)

Sr.No	PO#	Graduate Atributes	To very high extent	To reasonably high extent	To reasonable extent	To limited extent	To some extent	Total Responses	Number of responses above target	Pecentage of Responses above target	PO Attainment (on 3 point Scale)
1	PO1	I can apply principles of Science and Mathematics to solve problems in production engineering domain	6	31	19	0	0	87	72	82.75862	3
2	PO2	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry	8	38	11	0	0	87	76	87.35632	3
3	PO3	I can sufficiently contribute to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.	8	27	20	1	0	87	70	80.45977	3
4	PO4	I can design and conduct experiments, as well as analyze and interpret data	10	32	13	1	0	87	70	80.45977	3
5	PO5	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice	10	32	14	0	0	87	71	81.6092	3
6	PO6	I can understand the impact of engineering solutions in a global, economic, environmental and societal context	9	27	20	0	0	87	75	86.2069	3

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7	PO7	This course provided ability to participate in technical and professional societies for professional growth	11	22	21	2	0	87	75	86.2069	3
8	PO8	I will follow professional and ethical responsibilities	12	38	7	0	0	87	79	90.8046	3
9	PO9	This course helped me to function on multi-disciplinary teams	14	33	9	0	0	87	75	86.2069	3
10	PO10	I can communicate effectively by oral presentations and prepare documents/Technical reports	12	33	10	2	0	87	75	86.2069	3
11	PO11	I am confident to apply principles of management, Finance and Economics to my own work and as a leader in a team.	13	24	19	0	0	87	72	82.75862	3
12	PO12	I recognize the need for life-long learning and pursuing higher studies.	12	31	11	2	0	87	75	86.2069	3
13	PSO1	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry And I can design and conduct experiments, as well as analyze and interpret data	6	27	25	1	1	87	71	81.609195	3
14	PSO2	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice And This program helped me to use modern tools effectively in order to solve real life manufacturing problems	**10**	31	16	0	0	87	72	82.758621	3

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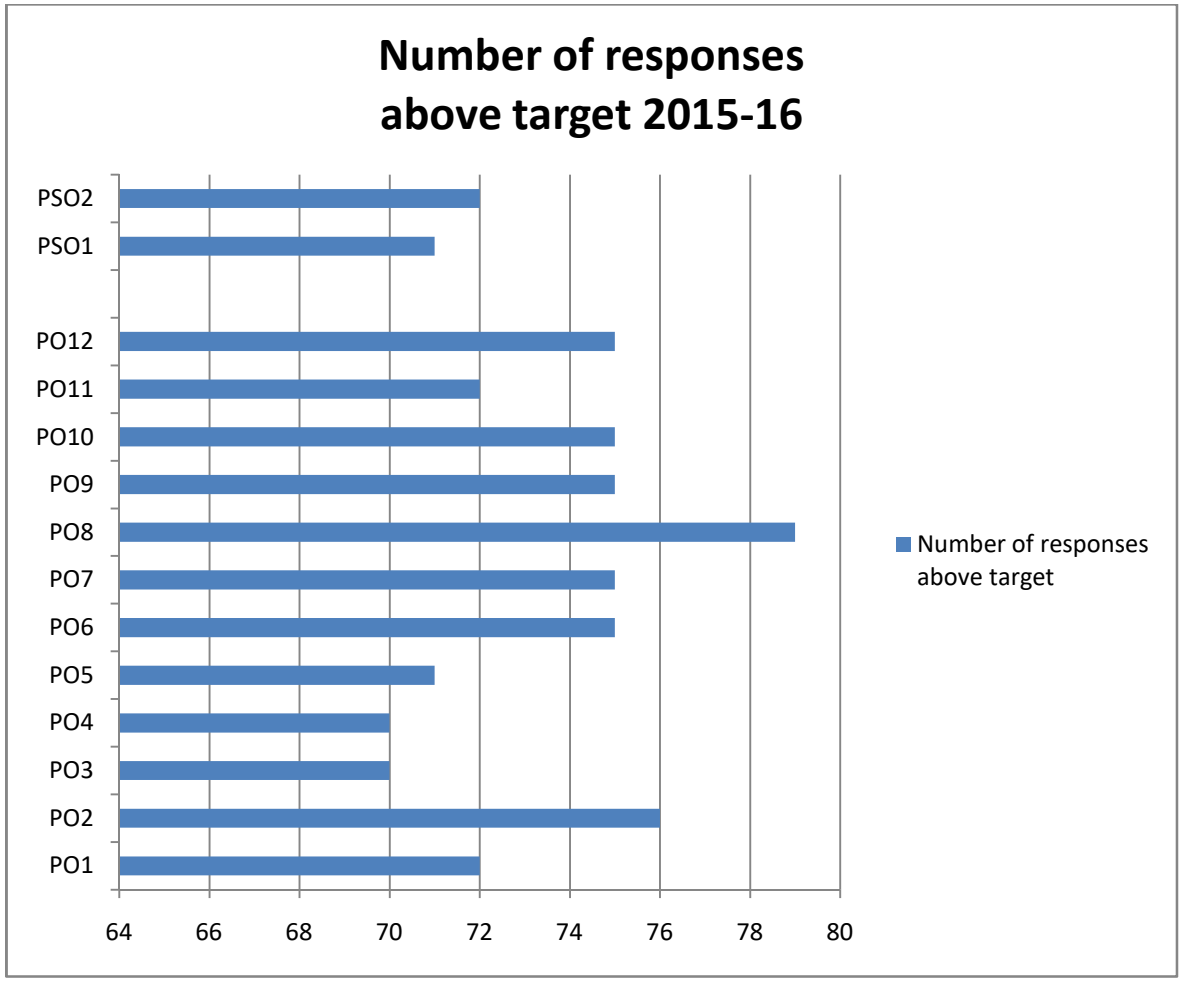

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Department of Production Engineering

(Graduate Exit Survey 2014-15)

Sr. No	PO#	Graduate Atributes	To very high extent	To reasonably high extent	To reasonable extent	To limited extent	To some extent	Total Responses	Number of responses above target	Pecentage of Responses above target	PO Attainment (on 3 point Scale)
1	PO1	I can apply principles of Science and Mathematics to solve problems in production engineering domain	3	18	30	6	1	87	72	82.759	3
2	PO2	I can sufficiently contribute to identify, formulate and solve engineering problems in Industry	6	19	28	3	2	87	76	87.356	3
3	PO3	I can sufficiently contribute to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.	2	16	31	7	2	87	70	80.46	3
4	PO4	I can design and conduct experiments, as well as analyze and interpret data	4	24	24	5	1	87	70	80.46	3
5	PO5	I can effectively use techniques, skills, and modern engineering tools necessary for engineering practice	4	22	27	5	1	87	71	81.609	3

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6	PO6	I can understand the impact of engineering solutions in a global, economic, environmental and societal context	5	29	21	3	1	87	75	86.207	3
7	PO7	This course provided ability to participate in technical and professional societies for professional growth	4	26	26	2	0	87	75	86.207	3
8	PO8	I will follow professional and ethical responsibilities	12	24	23	0	0	87	79	90.805	3
9	PO9	This course helped me to function on multi-disciplinary teams	6	22	27	2	0	87	75	86.207	3
10	PO10	I can communicate effectively by oral presentations and prepare documents/Technical reports	7	26	21	4	0	87	75	86.207	3
11	PO11	I am confident to apply principles of management, Finance and Economics to my own work and as a leader in a team.	7	13	32	5	1	87	72	82.759	3
12	PO12	I recognize the need for life-long learning and pursuing higher studies.	15	17	23	2	1	87	75	86.207	3

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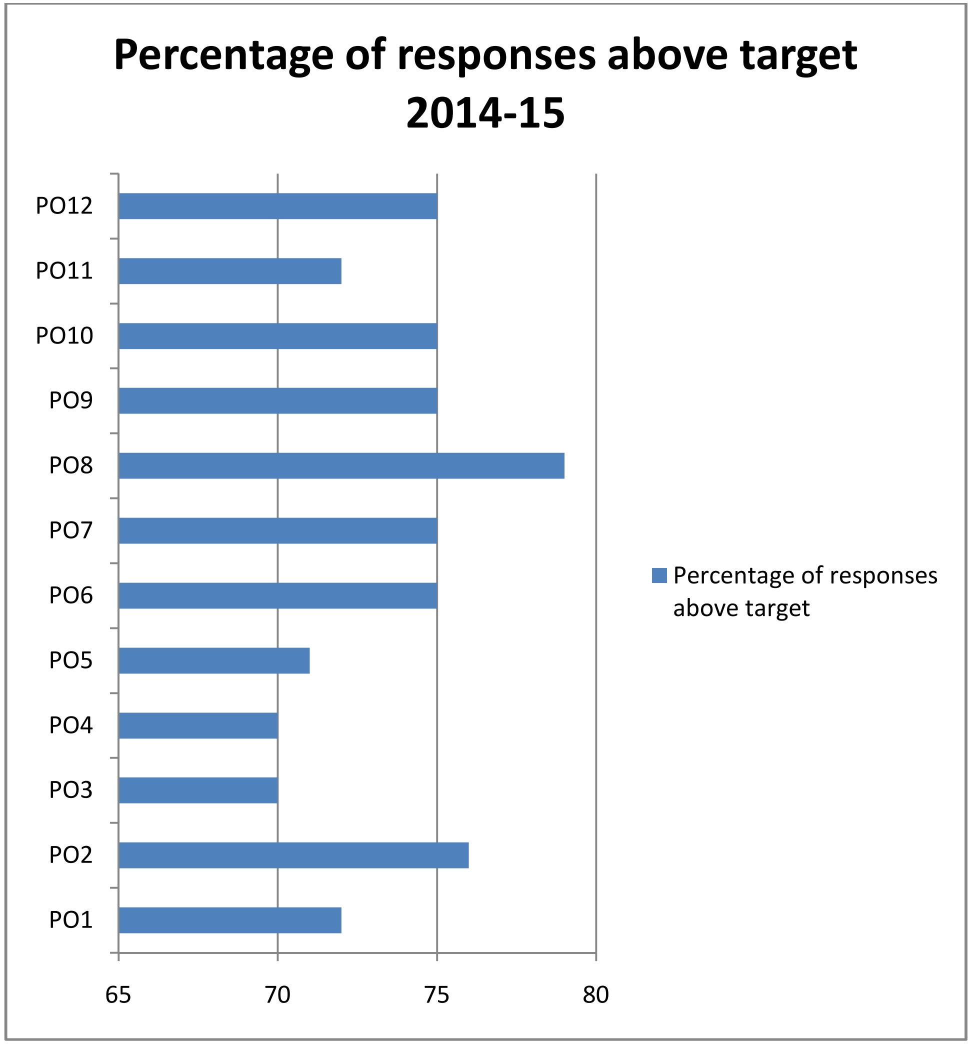

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