



# Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

Approved By AICTE, New Delhi, DTE, Govt. of Maharashtra  
Affiliated to the University of Mumbai  
Shirgaon, Virar(E.), Dist: Palghar- 401305, Maharashtra

## ACTION TAKEN 2019-20 (COMPUTER)

Academic Year: 2019 - 20

Academic Year	Suggestions	Action Taken
2019-20	More <u>seminar</u> and <u>workshop</u> on <u>advace</u> technology used in industry.	Workshop on Big Data Hadoop 23/09/19
		Seminar on IoT 24/09/19
		Workshop on Advanced IoT 27/02/20, 28/02/20
		Guest Lecture on Compiler Designing 04/03/20
	More <u>seminar</u> and workshops.	Seminar on Cybersecurity 09/03/20

## ANALYSIS REPORT

Parents Feedback										Total - 22
1	Parameters	Outstandin	%	Very Good	%	Good	%	Satisfactory	%	
2	Teaching learning Process	5	23	15	69	3	14	0	0	
3	Academic progress, discipline and attendance	6	28	15	69	0	0	2	10	
4	Examination System	7	32	12	55	3	14	1	5	
5	Seminars/workshops/Technical activities conducted in Dept	6	28	12	55	4	19	1	5	
6	Co-curricular and extra-curricular activities	8	37	12	55	3	14	0	0	
7	[Industry exposure and technical skills]	13	60	7	32	3	14	0	0	
8	Professional competency	8	37	11	50	3	14	1	5	
9	Academics	6	28	12	55	4	19	1	5	
10	Overall grooming of the student	8	37	12	55	3	14	0	0	
11	Social Responsibility and Ethics	13	60	7	32	3	14	0	0	
12	Infrastructure Facilities	8	37	11	50	3	14	1	5	
Students Feedback										Total - 42
1	Parameters	Outstandin	%	Very Good	%	Good	%	Satisfactory	%	
2	Teaching learning Process	19	46	17	41	5	12	1	3	
3	Academic progress, discipline and attendance	18	43	18	43	4	10	2	5	
4	Examination System	16	39	18	43	6	15	2	5	
5	Seminars/workshops/Technical activities conducted in Dept	14	34	20	48	6	15	2	5	
6	Co-curricular and extra-curricular activities	15	36	19	46	6	15	2	5	
7	[Industry exposure and technical skills]	18	43	19	46	3	8	2	5	
8	Professional competency	17	41	14	34	7	17	4	10	
9	Academics	15	36	18	43	7	17	2	5	
10	Overall grooming of the student	17	41	16	39	5	12	4	10	
11	Social Responsibility and Ethics	20	48	16	39	5	12	1	3	
12	Infrastructure Facilities	16	39	13	31	8	20	5	12	





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Faculty Feedback									Total - 9	
1 Parameters	Outstanding	%	Very Good	%	Good	%	Satisfactory	%		
2 Teaching learning Process	8	89	1	12	0	0	0	0		
3 Academic progress, discipline and attendance	7	78	2	23	0	0	0	0		
4 Examination System	7	78	1	12	1	12	0	0		
5 Seminars/workshops/Technical activities conducted in Dept	5	56	4	45	0	0	0	0		
6 Co-curricular and extra-curricular activities	4	45	4	45	1	12	0	0		
7 [Industry exposure and technical skills]	3	34	5	56	0	0	1	12		
8 Professional competency	5	56	2	23	1	12	1	12		
9 Academics	6	67	2	23	1	12	0	0		
10 Overall grooming of the student	6	67	1	12	0	0	2	23		
11 Social Responsibility and Ethics	5	56	2	23	2	23	0	0		
12 Infrastructure Facilities	4	45	1	12	2	23	2	23		
Alumni Feedback									Total - 3	
1 Parameters	Outstanding	%	Very Good	%	Good	%	Satisfactory	%	Poor	%
2 Academic Progress, Discipline, Attendance	2	67	1	34	0	0	0	0	0	0
3 Teaching - Learning Process	2	67	1	34	0	0	0	0	0	0
4 Examination System	2	67	1	34	0	0	0	0	0	0
5 Social Responsibility and Ethics	2	67	1	34	0	0	0	0	0	0
6 Overall Grooming of Student	2	67	1	34	0	0	0	0	0	0
7 Mentoring System	2	67	1	34	0	0	0	0	0	0
8 Infrastructure Facilities	2	67	1	34	0	0	0	0	0	0

**FILLED FORM**

**Academic Year 2019-20**

**FeedBack**

Date:- 16-1-20

Role of Stakeholder: Student/Alumni/Parent/Teaching Faculty/Industry expert

Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process		✓			
2	Academic progress, discipline and attendance			✓		
3	Examination system		✓			
4	Seminars/workshops/Technical activities conducted in Dept.				✓	
5	Co-curricular and extra-curricular activities				✓	
6	Industry exposure and technical skills				✓	
7	Professional competency				✓	
8	Academics		✓			
9	Overall grooming of the student			✓		
10	Social responsibility and Ethics			✓		
11	Infrastructure facilities				✓	





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**Academic Year 2019-20**

## FeedBack

Date:-

Role of Stakeholder: Student/Alumni/Parent/Teaching Faculty/Industry expert

Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process	✓				
2	Academic progress, discipline and attendance	✓				
3	Examination system	✓				
4	Seminars/workshops/Technical activities conducted in Dept.	✓				
5	Co-curricular and extra-curricular activities	✓				
6	Industry exposure and technical skills	✓				
7	Professional competency	✓				
8	Academics	✓				
9	Overall grooming of the student	✓				
10	Social responsibility and Ethics	✓				
11	Infrastructure facilities	✓				

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Date:- 16/1/2020

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Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process	✓				
2	Academic progress, discipline and attendance	✓				
3	Examination system	✓				
4	Seminars/workshops/Technical activities conducted in Dept.	✓				
5	Co-curricular and extra-curricular activities	✓				
6	Industry exposure and technical skills		✓			
7	Professional competency	✓				
8	Academics		✓			
9	Overall grooming of the student		✓			
10	Social responsibility and Ethics		✓			
11	Infrastructure facilities		✓			

Note: Put ✓ mark in respective box





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Date:-

Role of Stakeholder: Student/Alumni/Parent/Teaching Faculty/Industry expert

Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process		✓			
2	Academic progress, discipline and attendance		✓			
3	Examination system		✓			
4	Seminars/workshops/Technical activities conducted in Dept.		✓			
5	Co-curricular and extra-curricular activities		✓			
6	Industry exposure and technical skills		✓			
7	Professional competency		✓			
8	Academics		✓			
9	Overall grooming of the student		✓			
10	Social responsibility and Ethics		✓			
11	Infrastructure facilities		✓			

Note: Put ✓ mark in respective box

Date:-

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Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process		✓			
2	Academic progress, discipline and attendance		✓			
3	Examination system		✓			
4	Seminars/workshops/Technical activities conducted in Dept.	✓				
5	Co-curricular and extra-curricular activities		✓			
6	Industry exposure and technical skills		✓			
7	Professional competency		✓			
8	Academics		✓			
9	Overall grooming of the student	✓				
10	Social responsibility and Ethics		✓			
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Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process			✓		
2	Academic progress, discipline and attendance				✓	
3	Examination system			✓		
4	Seminars/workshops/Technical activities conducted in Dept.				✓	
5	Co-curricular and extra-curricular activities			✓		
6	Industry exposure and technical skills				✓	
7	Professional competency			✓		
8	Academics				✓	
9	Overall grooming of the student			✓		
10	Social responsibility and Ethics				✓	
11	Infrastructure facilities			✓	✓	

Note: Put ✓ mark in respective box

**Academic Year 2019-20**

## FeedBack

Date:- 10/08/20

**Role of Stakeholder: Student/Alumni/Parent/Teaching Faculty/Industry expert**

Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process		✓			
2	Academic progress, discipline and attendance		✓			
3	Examination system		✓			
4	Seminars/workshops/Technical activities conducted in Dept.			✓		
5	Co-curricular and extra-curricular activities	✓				
6	Industry exposure and technical skills		✓			
7	Professional competency		✓			
8	Academics	✓				
9	Overall grooming of the student	✓				
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Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process		✓			
2	Academic progress, discipline and attendance		✓			
3	Examination system		✓			
4	Seminars/workshops/Technical activities conducted in Dept.	✓				
5	Co-curricular and extra-curricular activities			✓		
6	Industry exposure and technical skills		✓			
7	Professional competency	✓				
8	Academics	✓				
9	Overall grooming of the student	✓				
10	Social responsibility and Ethics		✓			
11	Infrastructure facilities			✓		

Note: Put ✓ mark in respective box

Academic Year 2019-20

## Feedback

Date: 16/01/2020

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Sr. No.	Parameters	Outstanding	Very Good	Good	Satisfactory	Poor
1	Teaching learning Process		✓			
2	Academic progress, discipline and attendance	✓				
3	Examination system	✓				
4	Seminars/workshops/Technical activities conducted in Dept.			✓		
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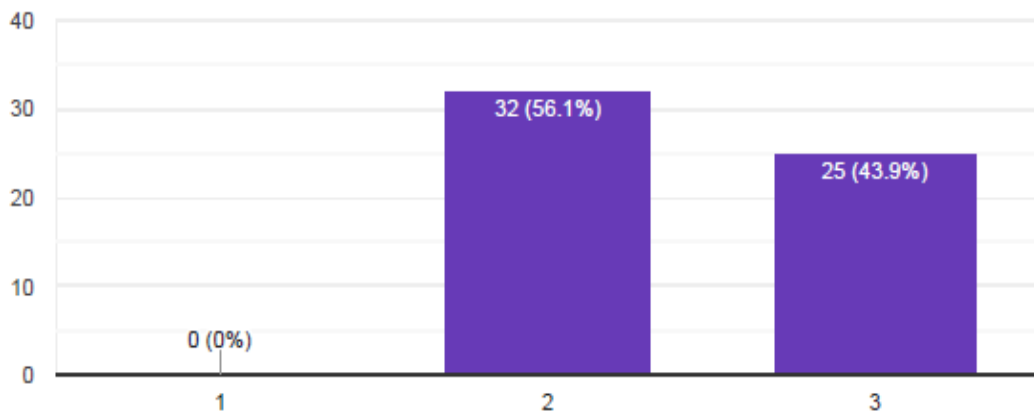
## COURSE EXIT SURVEY

DSP - Prof. Reshma Chaudhari

CO 1: To understand the concept of DT signal and to perform analysis of DT system in time domain

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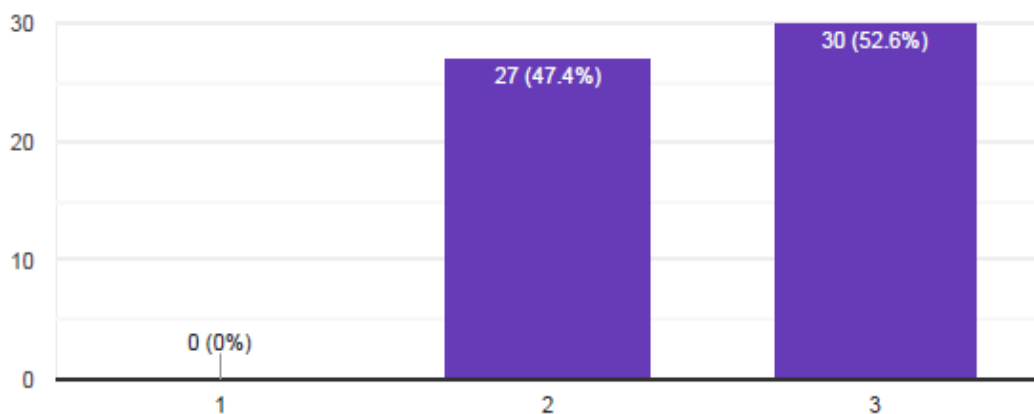
57 responses



CO 2: To perform analysis of Discrete Fourier Transform

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57 responses





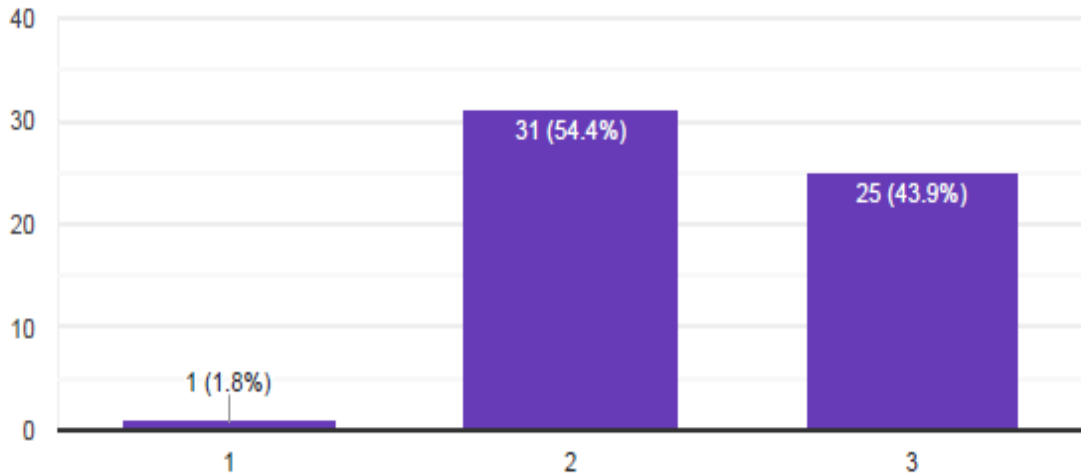
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## CO 3: To develop FFT flow graph and Fast DSP Algorithms

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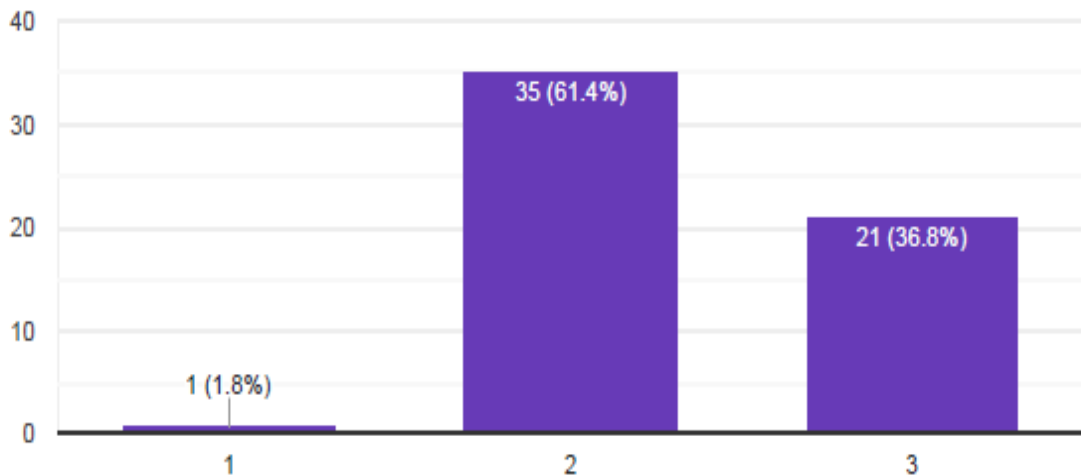
57 responses



## CO 4: To design DSP system for Real Time Signal Processing

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57 responses



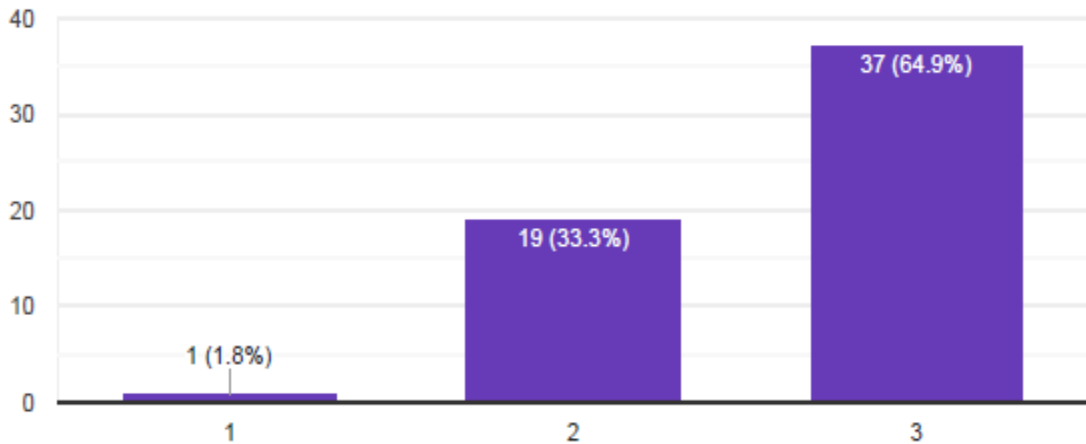


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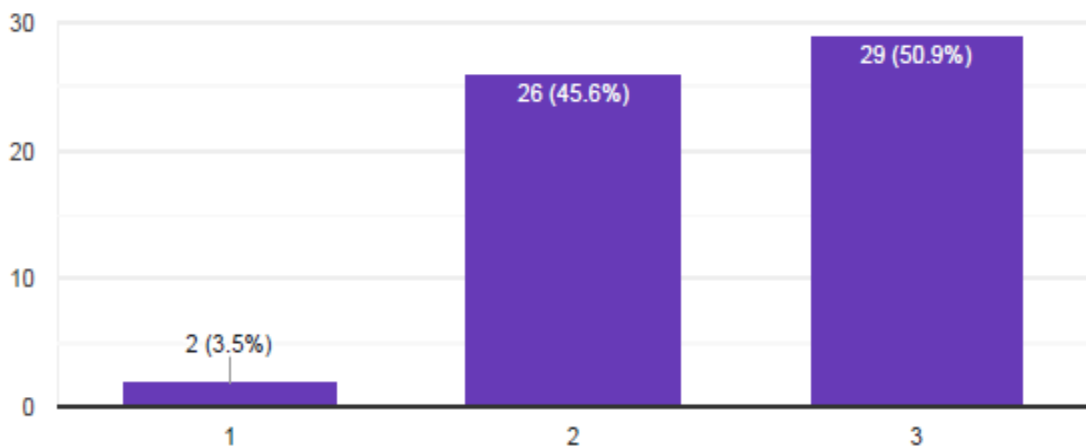
## CO 1: Ability to develop the basic understandings of Artificial Intelligence, Intelligent Agents and its applications [Copy](#)

57 responses



## CO 2: Ability to understand and choose appropriate problem solving method [Copy](#)

57 responses





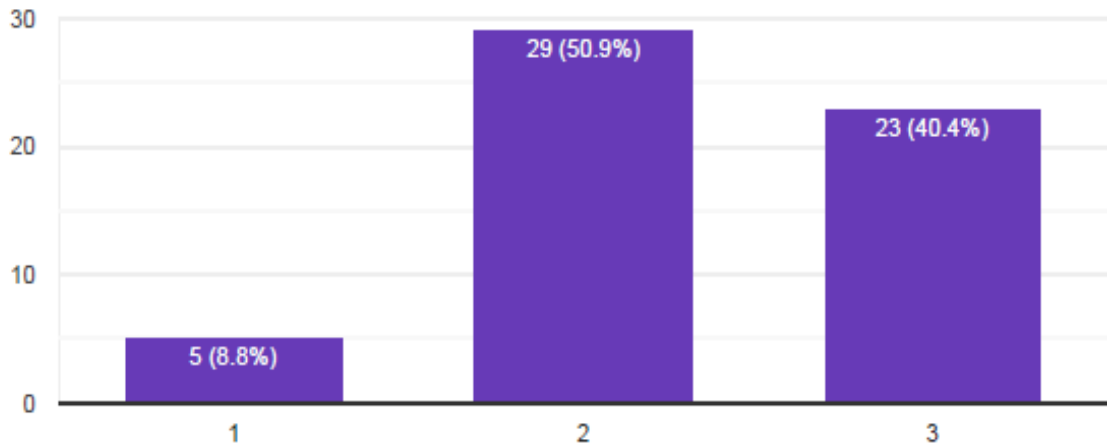
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## CO 3: Ability to design models for reasoning with uncertainty as well as the use of unreliable information

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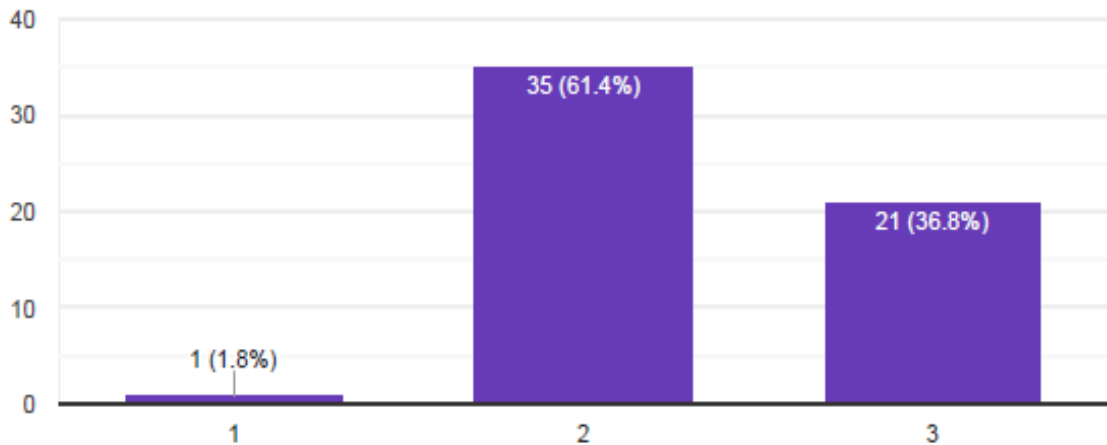
57 responses



## CO 4: Ability to understand the importance of and to implement planning and learning techniques

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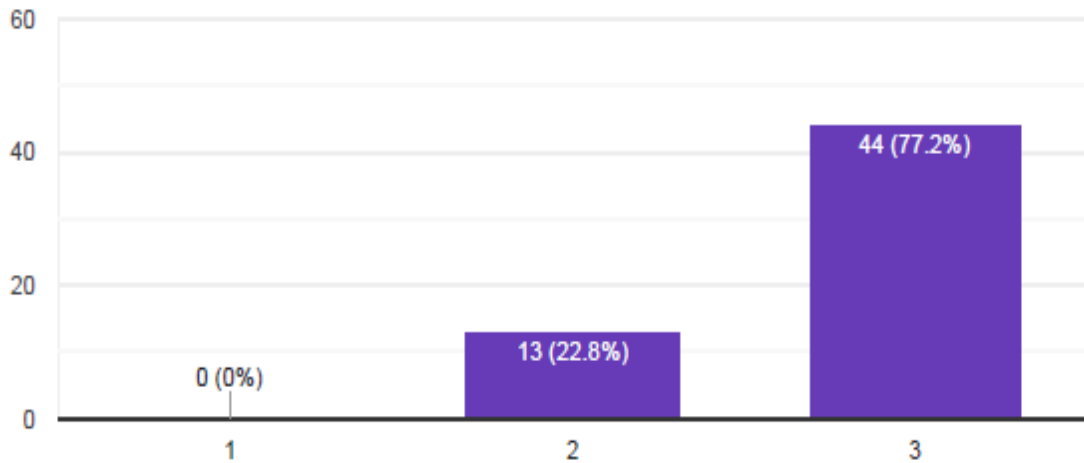
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## CO 1: Understand the principles and practices of cryptographic techniques

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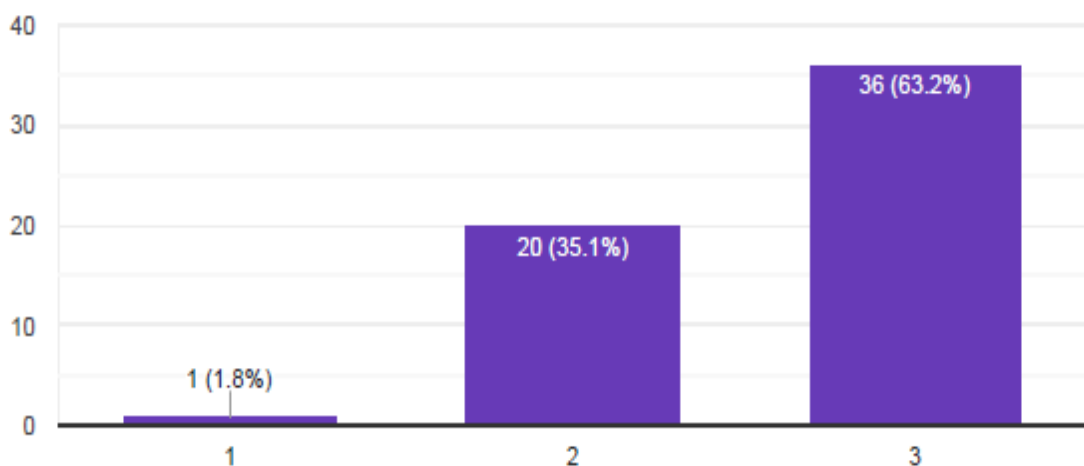
57 responses



## CO 2: Understand a variety of generic security threats and vulnerabilities, and identify & analyze particular security problems for given application

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57 responses



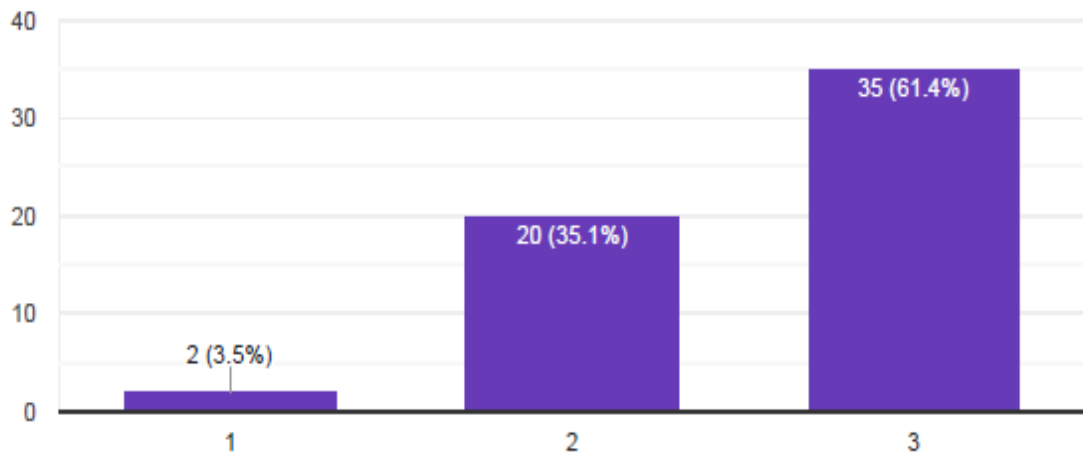


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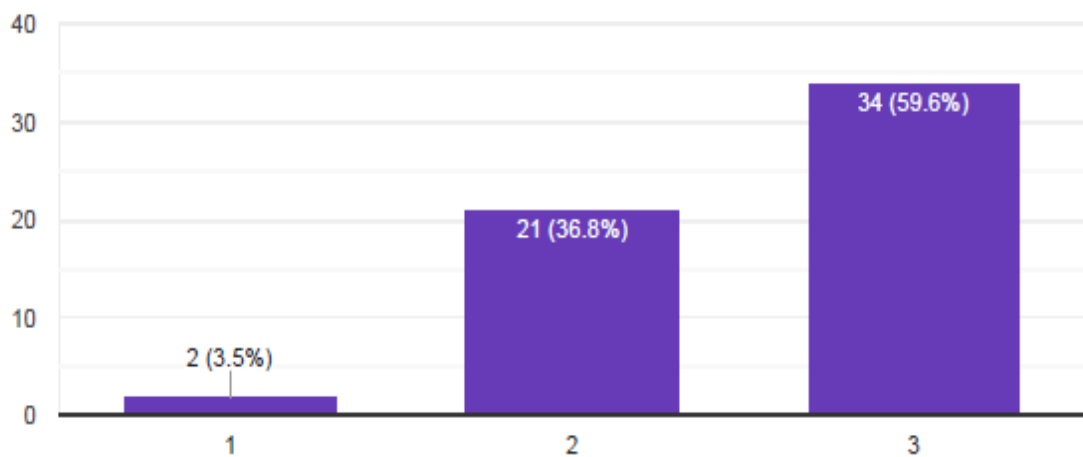
CO 3 : Appreciate the application of security techniques and technologies in solving real life security problems in practical systems. [Copy](#)

57 responses



CO 4: Apply appropriate security techniques to solve security problem [Copy](#)

57 responses





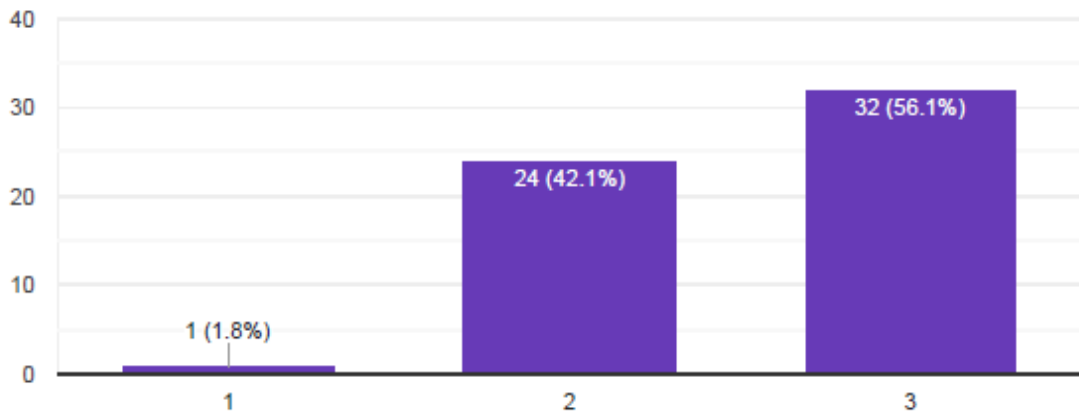
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## CO 5: Design security protocols and methods to solve the specific security problems

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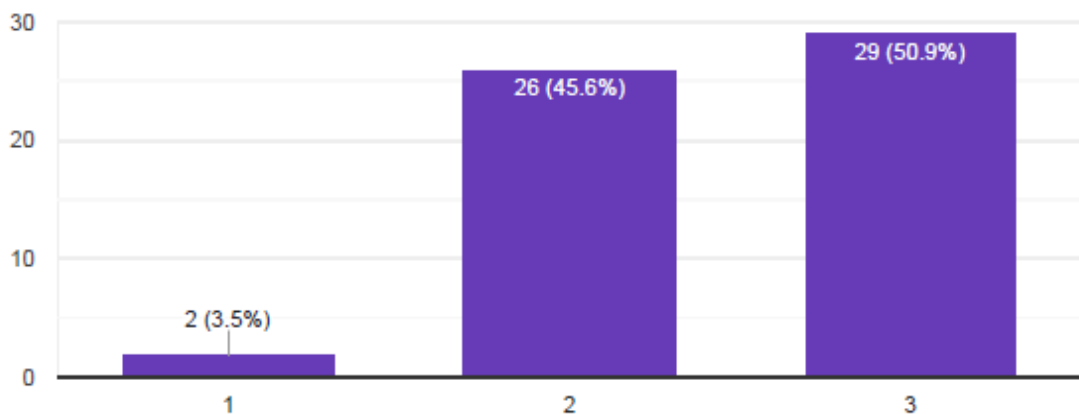


AA Prof. Janhvi Sangoi

## CO 1: To teach fundamentals of analysis of algorithm at depth

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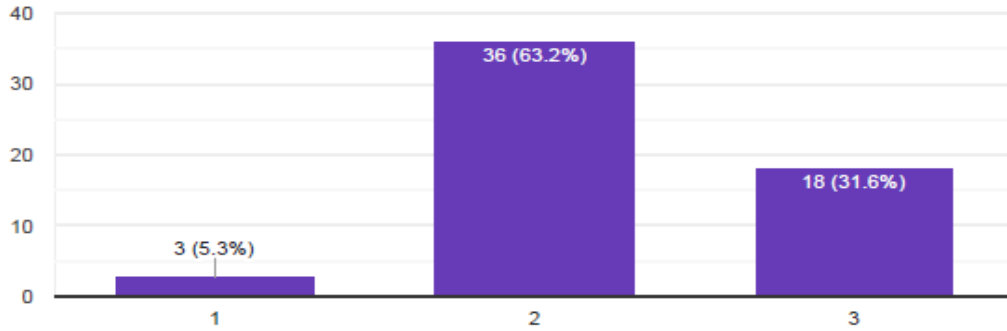


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CO 2: To provide in depth study of advanced data structures and its uses [Copy](#)

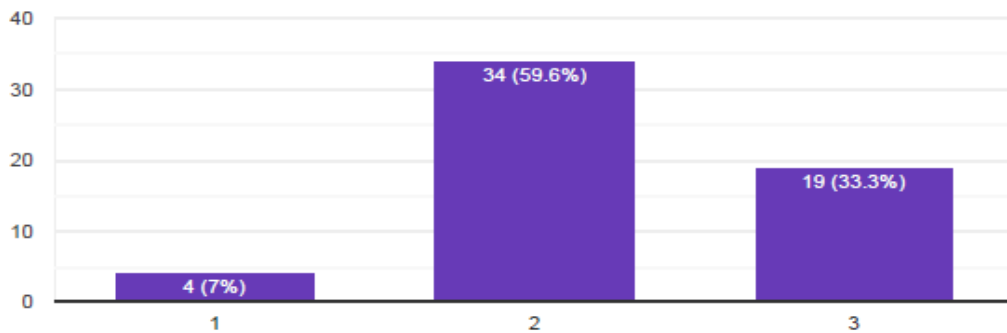
57 responses



CO 3:

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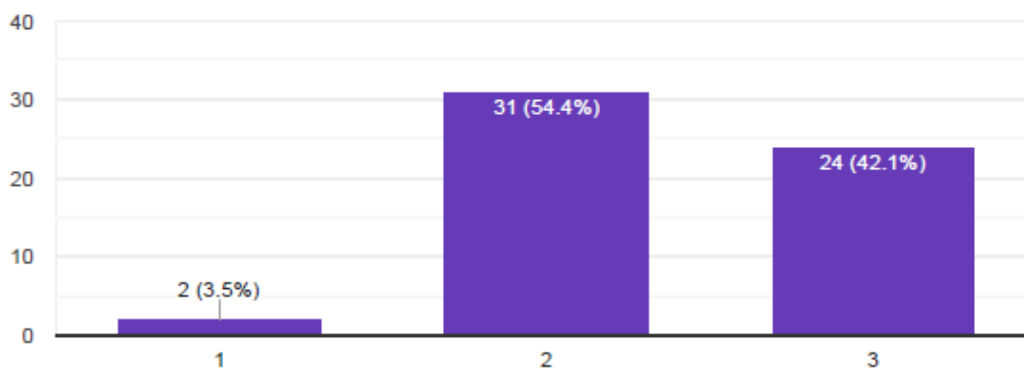
57 responses



CO 4: To study Linear Programming

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57 responses







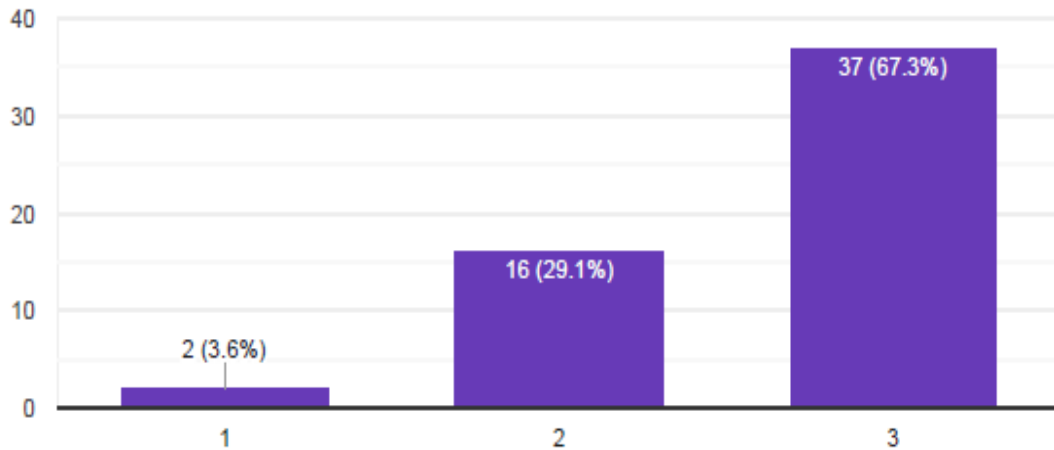
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C01: To understand how threats to an organization are discovered, analyzed, and dealt with

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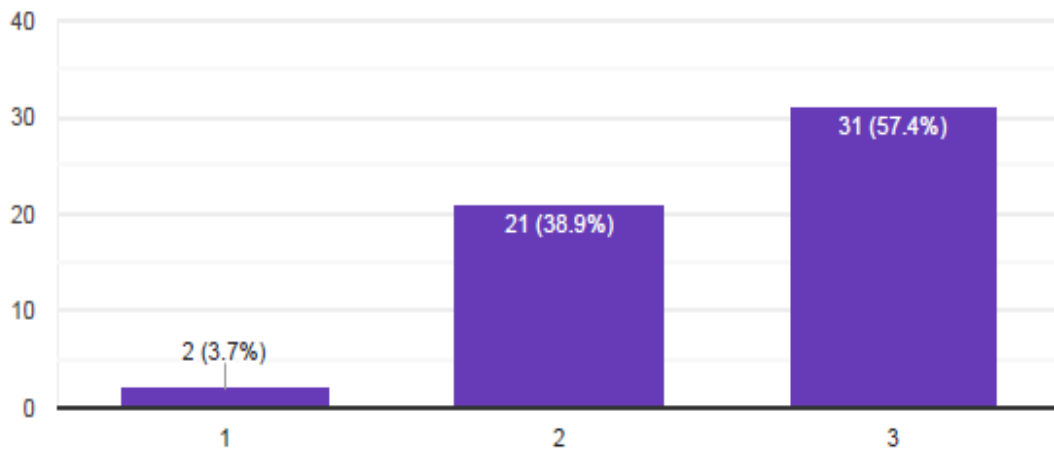
55 responses



C02: Ability to use network reconnaissance tools for network analysis

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54 responses





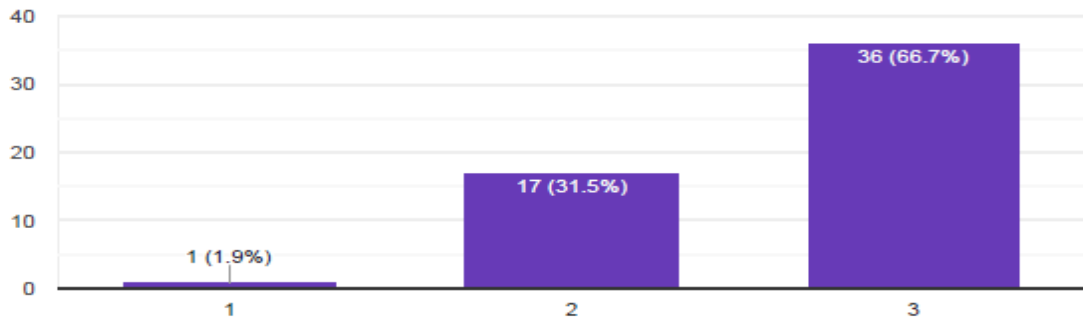
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## CO3: Use techniques for ip spoofing and port scanning

Copy

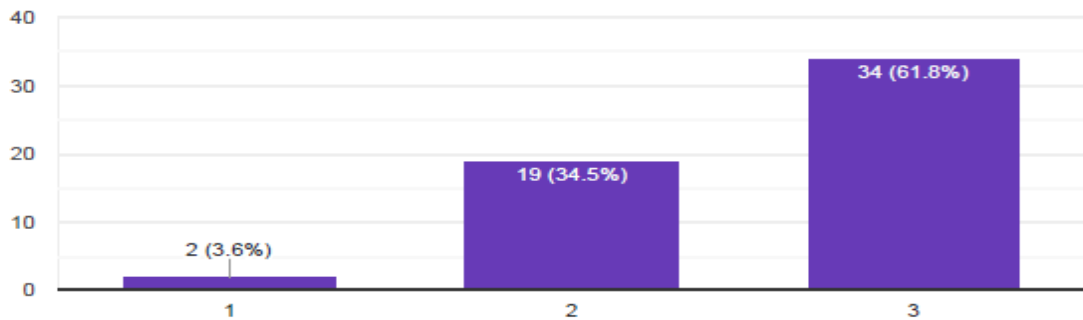
54 responses



## CO4: Identify network vulnerability

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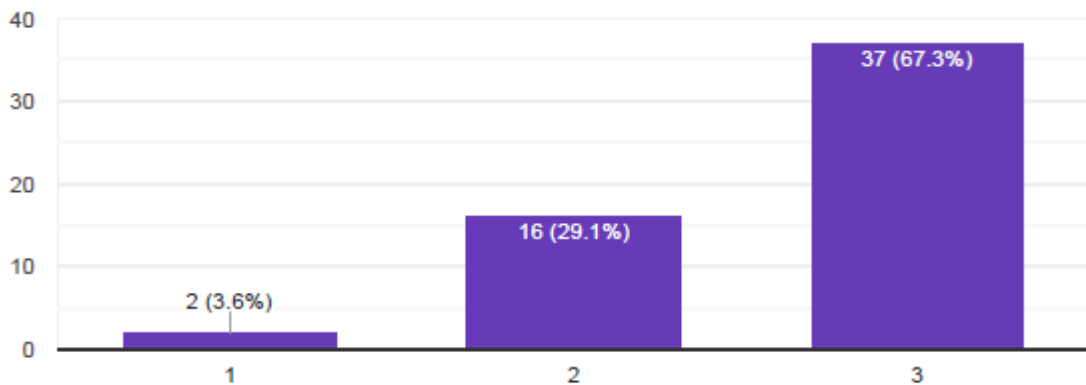
55 responses



## CO5: To understand and install a IDS and firewall

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55 responses





# Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology

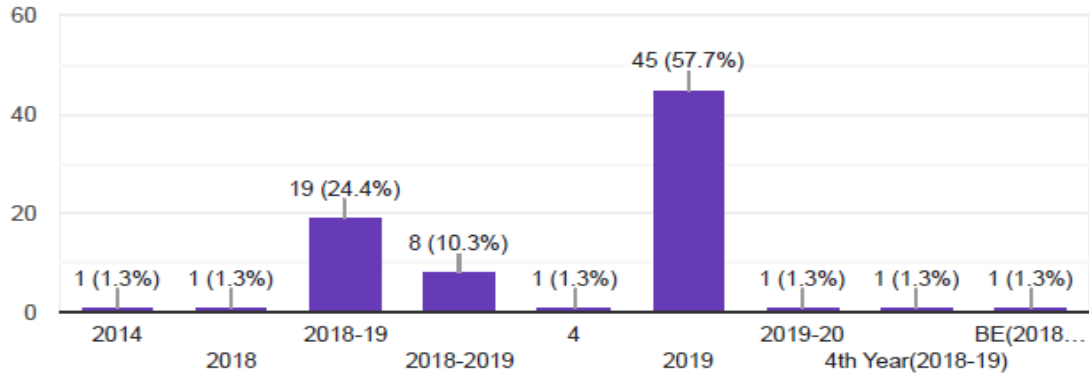
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## PROGRAM EXIT SURVEY

### ACADEMIC YEAR (Graduation Year):

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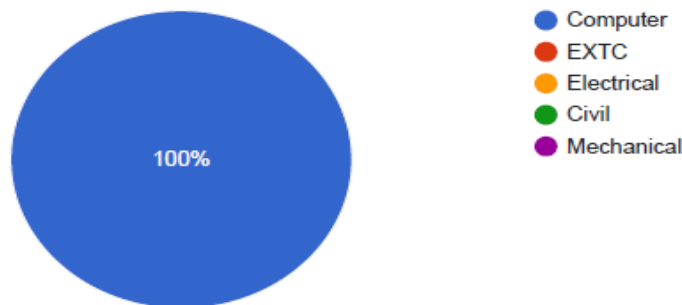
78 responses



### Department:

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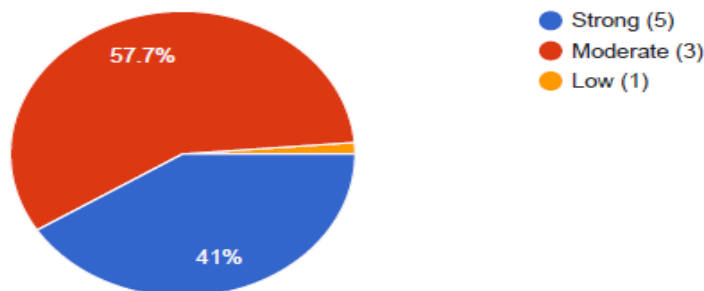
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### Q1. Are you able to apply principles of science, mathematics and Computer Engineering in solving engineering problems? (PO1)

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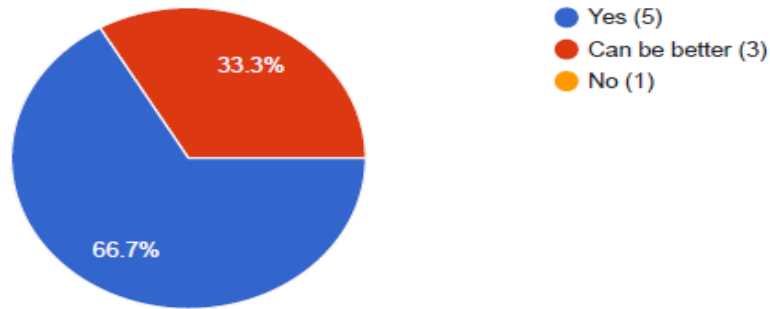
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Q2. Are you able to analyze problems to search the literature & find out the appropriate solutions to engineering problems? (PO2)

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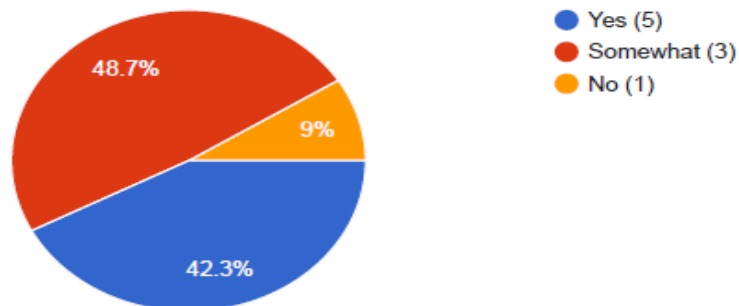
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Q3. Were you able to design algorithm, a system, circuit, component or process? (PO3)

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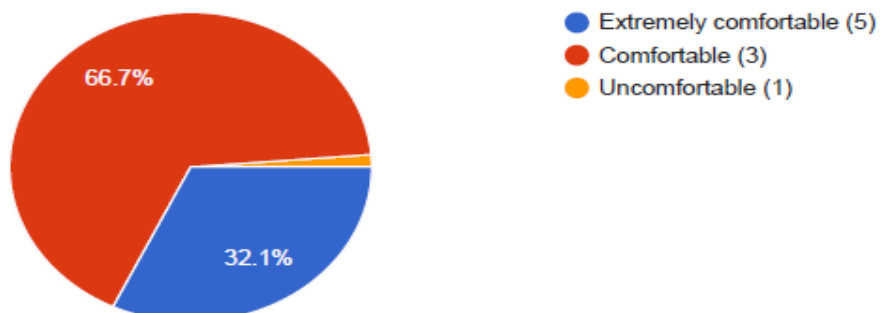
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Q4. How comfortable are you in performing experiments, analyzing data and arriving at valid conclusions. (PO4)

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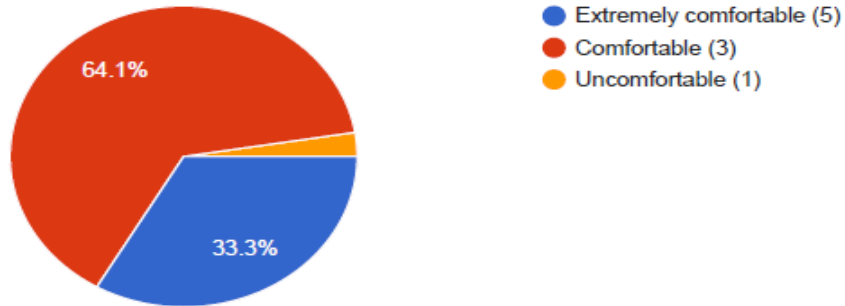
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Q5. Given a new tool or environment how comfortable are you in utilizing it? (PO5) Extremely

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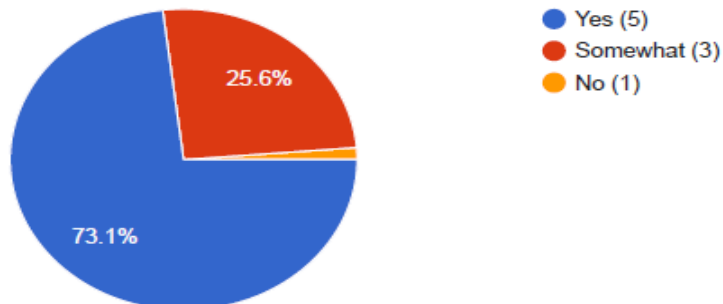
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Q6 Are you aware of the responsibilities of Computer engineer towards society? (PO6) (Issues related to health, safety, legal and cultural issues)

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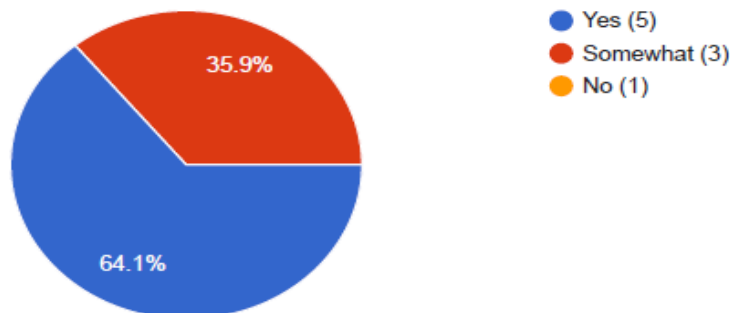
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Q7 Are you able to apply the knowledge gained to assess impact of engineering solution on environment? (PO7)

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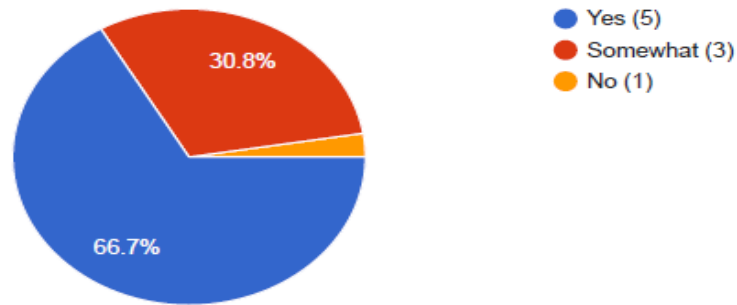
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Q8 Are you aware of professional ethical standards and committed to follow them? (P08)

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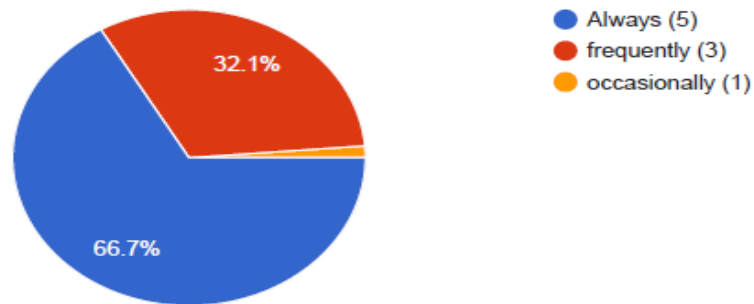
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Q9. How frequently are you able to function effectively on teams to accomplish a common goal? (P09)

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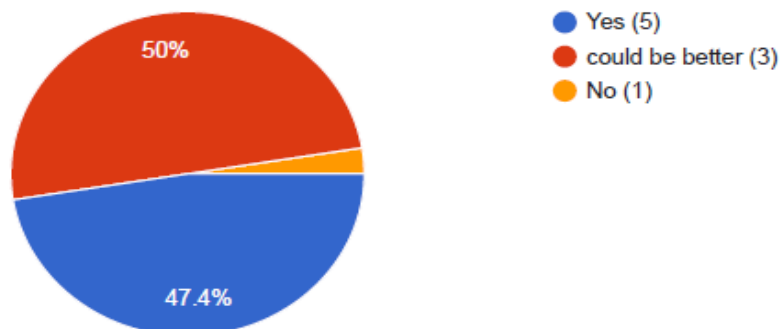
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Q10. Has your graduate program made you corporate ready in terms of communication skills? (P010)

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78 responses





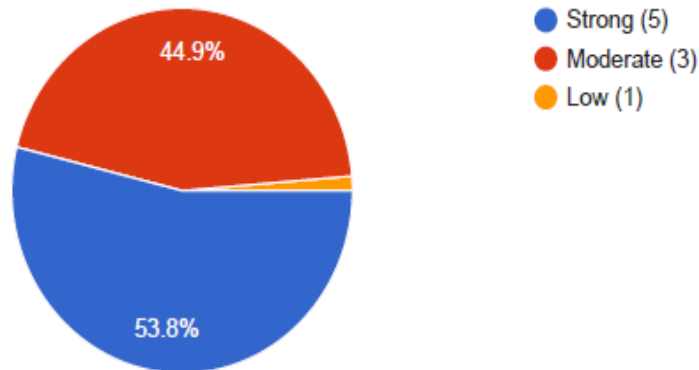
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Q11. Were you able to apply the management principles during execution of projects? (P011)

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Q12 Have you appeared for any competitive exam? (P012) (Submit related documents)

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78 responses

