Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: PCPF
**SUBJECT I/C: KIRTI MHAMUNKAR**

Co 1. Understand the different programming paradigms.

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	5	6.7
3.Moderately	10	13
4. Mostly	25	33
5.Definitely	33	44
Total	75	100
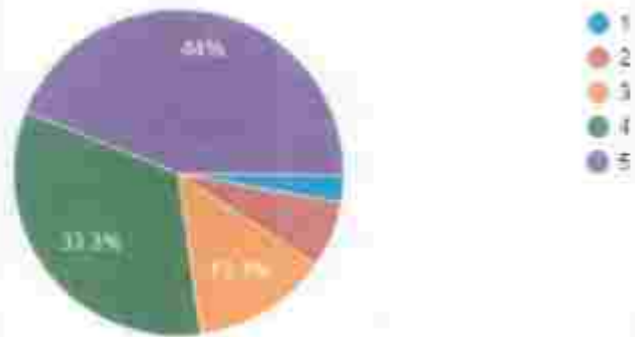
Co2 . Understand the basic concept of object oriented programming

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	4	5.3
3.Moderately	7	9.3
4. Mostly	28	37
5.Definitely	34	45
Total	75	100
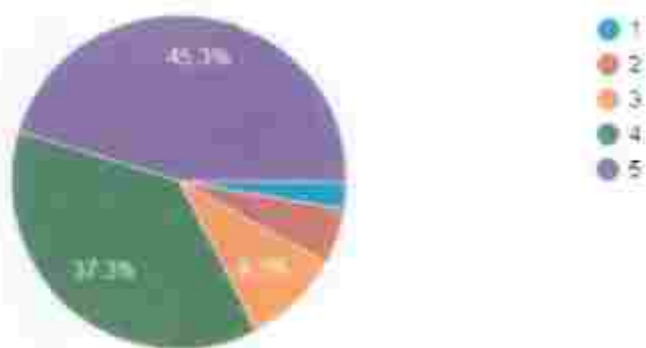
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: PCPF
SUBJECT I/C: KIRTI MHAMUNKAR

Co 3 . Calculate lambda calculus for given expression

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	2	2.7
3.Moderately	13	17.3
4. Mostly	31	41.3
5.Definitely	27	36
Total	75	100
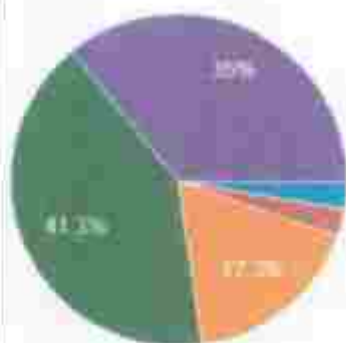
Co 4. Understand the structure of PROLOG language

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	5	6.7
3.Moderately	12	16
4. Mostly	25	33.3
5.Definitely	32	42.7
Total	75	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: PCPF
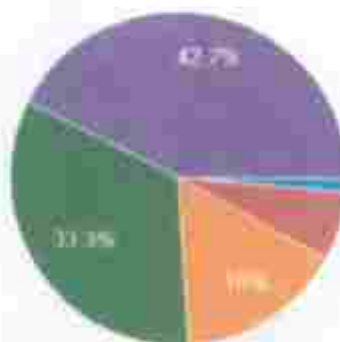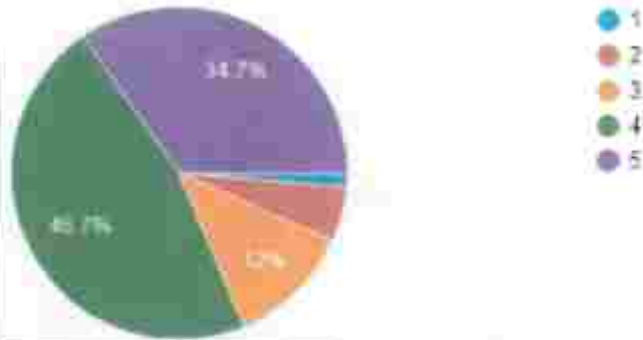**SUBJECT I/C: KIRTI MHAMUNKAR**

Co 5 . Understand the concept of Concurrent Programming Fundamentals

Score	No of student	Percentage
1.can't say	1	1.3
2. Hardly	4	5.3
3.Moderately	9	12
4. Mostly	35	46.7
5.Definitely	26	34.7
Total	75	100

Co 6 . understand the difference of compiler and interpreter and use of different compiler

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	2	2.7
3.Moderately	12	16
4. Mostly	24	38.7
5.Definitely	31	41.3
Total	75	100
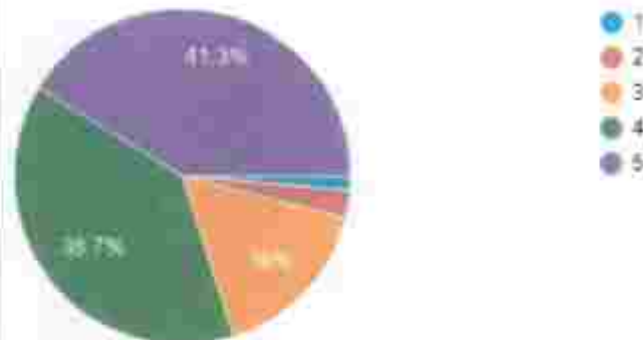
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Academic Year 2023-24 (ODD SEM)
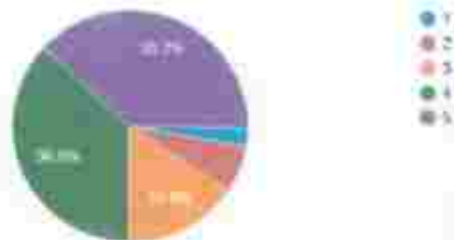### Course Exit Analysis Report (SEM III)
Subject: SQL LAB
SUBJECT I/C: PRANAL KAKDE

CO1. Will you be able to define problem statements and construct the conceptual model for real life ?

Score	No of student	Percentage
1.can't say	2	2.6
2.Hardly	5	6.6
3.Moderately	12	15.8
4. Mostly	28	36.8
5.Definitely	29	38.2
Total	76	100

76 responses

Co2 . Are you able to design a relational database management system?

Score	No of student	Percentage
1.can't say	3	3.9
2.Hardly	1	1.3
3.Moderately	10	13.2
4. Mostly	31	40.8
5.Definitely	31	40.8
Total	76	100

76 responses

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: SQL LAB
SUBJECT I/C: PRANAL KAKDE

Co 3 . Will you be able to apply view, triggers to demonstrate specific event handling?

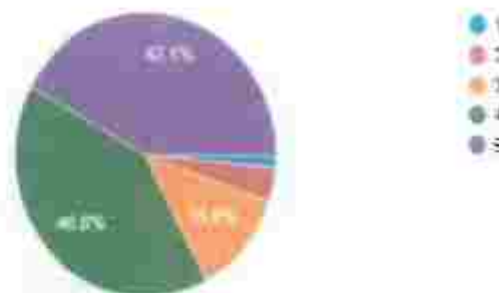| Score	No of student	Percentage
1.can't say	2	2.6
2.Hardly	3	3.9
3.Moderately	13	17.1
4. Mostly	32	42.1
5.Definitely	26	34.2
Total	76	100

76 responses

Co 4. Can you formulate SQL queries for efficient information retrieval?

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	3	3.9
3.Moderately	9	11.8
4. Mostly	31	40.8
5.Definitely	32	42.1
Total	76	100

76 responses

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: SQL LAB
SUBJECT I/C: PRANAL KAKDE

Co 5 . Identify design constraints, can you able to identify normal forms by applying the axioms principles?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	5	6.6
3.Moderately	15	19.7
4. Mostly	27	35.5
5.Definitely	29	38.2
Total	76	100

76 responses

Co 6 . Are you aware about database connectivity using JDBC ?

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	5	6.6
3.Moderately	11	14.5
4. Mostly	29	38.2
5.Definitely	30	39.5
Total	76	100

76 responses

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Action taken based on feedback from students (CO & PO)

Academic Year 2023-24 ODD

Summary of feedback –Semester III:

Feedback collected through course exit forms were analyzed and necessary actions which are useful for students were planned and conducted. Abstract of suggestion obtained from the stake holders to enhance the employ ability of the student are discussed below.

- Some more basic concepts should be added in syllabus like programming.
- Need awareness about latest technologies in industries.
- Need video's for better understanding of concepts.
- Need some extra lectures for mathematics problem solving and practice.

Action Taken:

Based on suggestions, various events are organized; Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below.

SR NO.	Subject	Feedback / Suggestions	Action Taken	Date
1	Java	Latest technologies in industries	Seminar on Cross Platform Mobile Application Development	17/8/2023
2	DSA	Sorting on Dictionaries	Provided content beyond syllabus on topic sorting algorithm used on dictionaries Topological sorting with its working and example.	As per requirement
3	PCPF	Lambda Calculus	https://www.youtube.com/watch7v=wbM8hEQ_BhQ	As per requirement

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: DEVOPS LAB
**SUBJECT I/C: OYENDRILA SAMANTA**

CO1. Able to choose appropriate devops tools used in software development Life Cycle.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	4	5.6
3.Moderately	19	27.1
4. Mostly	16	23.4
5.Definitely	31	43.9
Total	70	100
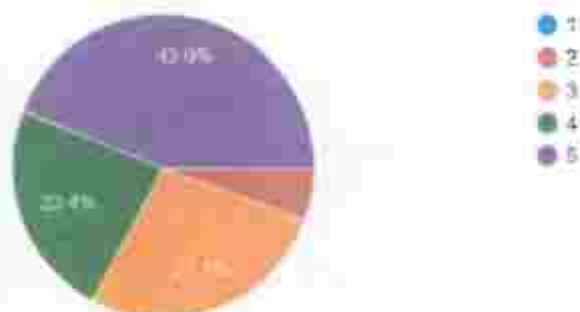
CO2 . Able to select , implement and integrate Git Version Control strategies in the modules .

Score	No of student	Percentage
1.can't say	1	1
2.Hardly	2	3.7
3.Moderately	18	25.2
4. Mostly	21	29.9
5.Definitely	28	40.2
Total	70	100
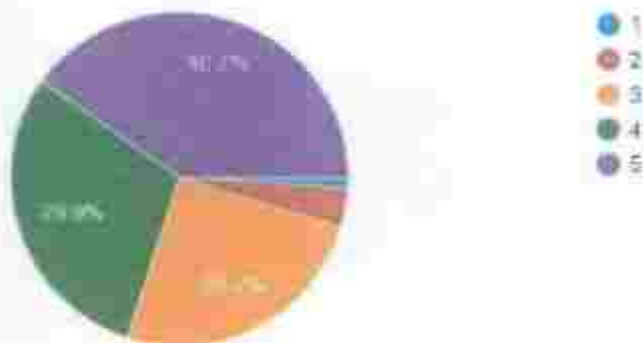
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: DEVOPS LAB
**SUBJECT I/C: OYENDRILA SAMANTA**

CO3. Identify the strengths and limitations of jenkins tool to build, deploy and test Software Applications.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	3	4.7
3. Moderately	16	23.4
4. Mostly	20	28
5. Definitely	31	43.9
Total	70	100
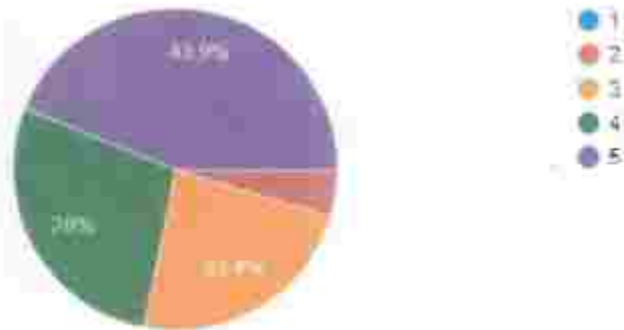
CO4. Identify and understand the importance of Selenium and Jenkins to test software applications.

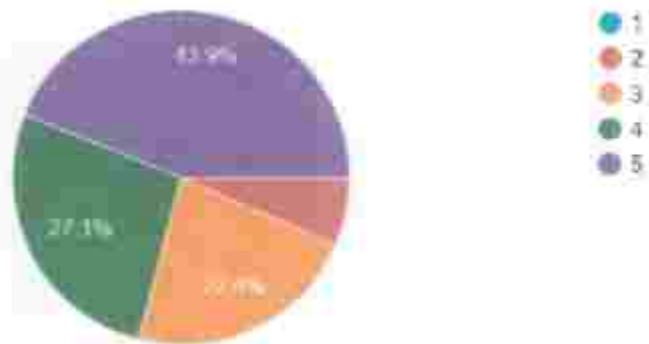| Score	No of student	Percentage
1. can't say	0	0
2. Hardly	2	2.8
3. Moderately	16	24.3
4. Mostly	22	30.8
5. Definitely	30	42.1
Total	70	100
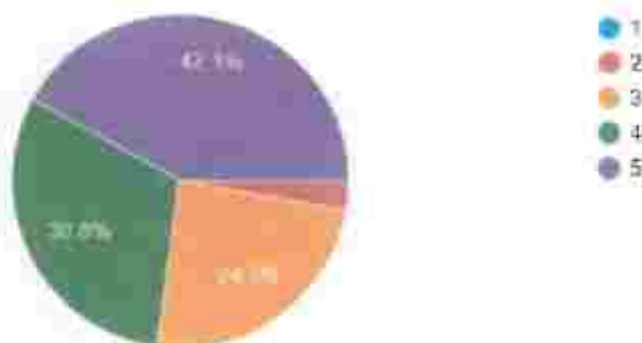
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: DEVOPS LAB
**SUBJECT I/C: OYENDRILA SAMANTA**

CO5. Analyze and illustrate the containerization of images and deployment of application over Docker.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	4	6.6
3.Moderately	16	22.4
4. Mostly	19	27.1
5.Definitely	31	43.9
Total	70	100

CO6. Adapt and integrate Software configuration Management tool Ansible for Provisioning.

Score	No of student	Percentage
1.can't say	1	0.9
2.Hardly	7	10.3
3.Moderately	15	21.5
4. Mostly	29	41.1
5.Definitely	18	26.2
Total	70	100
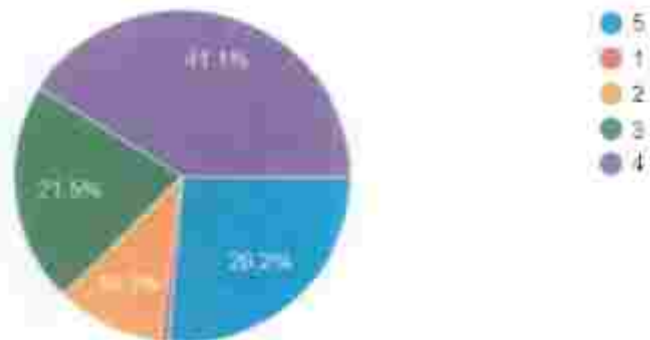
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Department of Information Technology
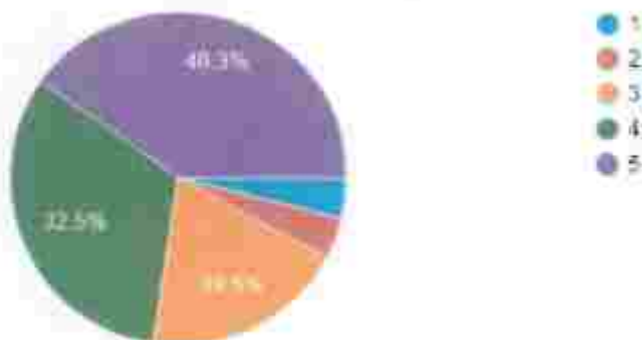**Academic Year 2023-24 (ODD SEM)**
Course Exit Analysis Report (SEM V)
Subject: JP LAB
SUBJECT I/C: KIRTI PAWAR

Co 1. Understand basic fundamental concepts of Java Programming like iteration,control statements etc.

Score	No of student	Percentage
1.can't say	3	3.9
2.Hardly	3	3.9
3.Moderately	15	19.5
4. Mostly	25	32.5
5.Definitely	31	40.3
Total	77	100

Co2 . Discuss the concepts of classes, objects, members of a class and the relationships among them needed for a nding the solution to specific problem with implementation.

Score	No of student	Percentage
1.can't say	2	2.6
2.Hardly	4	5.2
3.Moderately	13	39
4. Mostly	28	36.4
5.Definitely	30	16.9
Total	77	100

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Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
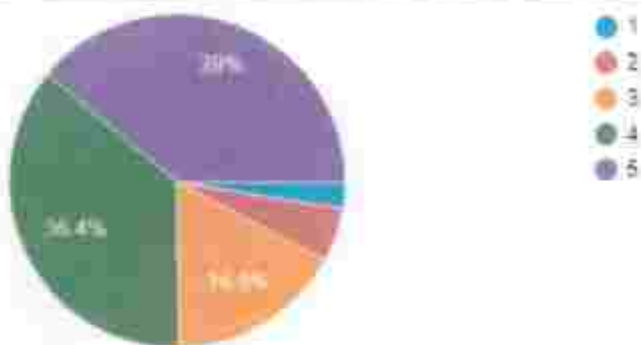**Subject: JP LAB**
SUBJECT I/C: KIRTI PAWAR

Co 3 . Understand how to extend java classes and achieve re-usability using Inheritance, Interface and Packages.

Score	No of student	Percentage
1.can't say	3	3.9
2.Hardly	4	5.2
3.Moderately	13	16.9
4. Mostly	25	33.8
5.Definitely	31	40.3
Total	77	100
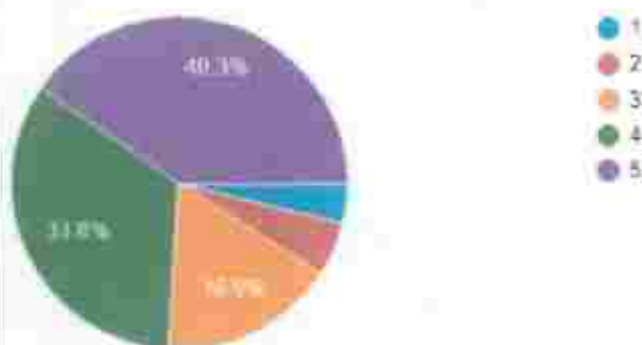
Co 4. Understand how to Construct robust and faster programmed solutions to problems using concept of Multi threading, exceptions and file handling

Score	No of student	Percentage
1.can't say	3	3.9
2.Hardly	4	5.2
3.Moderately	14	18.2
4. Mostly	28	36.4
5.Definitely	28	36.4
Total	77	100
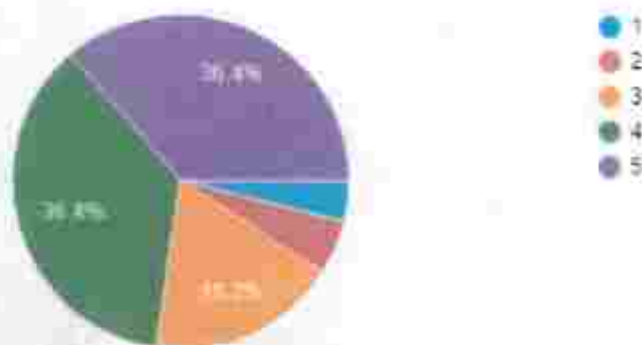
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: JP LAB
SUBJECT I/C: KIRTI PAWAR

Co 5 . Understand how to Design and develop Graphical User Interface using Abstract Window Toolkit and Swings along with response to the events.

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	5	6.5
3.Moderately	18	23.4
4. Mostly	21	27.3
5.Definitely	32	41.6
Total	77	100
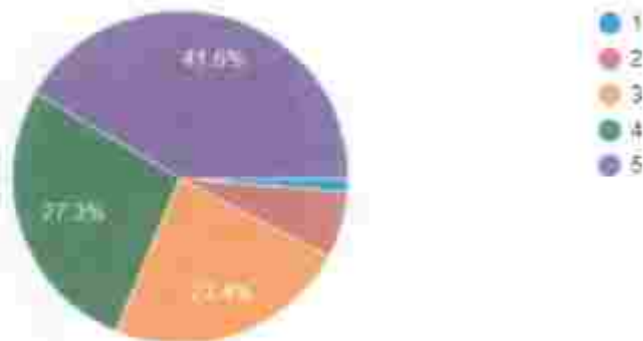
Co 6 . Understand how to develop Graphical User Interface by exploring JavaFX framework based on MVC architecture.

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	7	9.1
3.Moderately	14	18.2
4. Mostly	28	36.4
5.Definitely	27	35.1
Total	77	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: DBMS
SUBJECT I/C: PRANAL KAKDE

Co 1. Will you be able to Identify the need of Database Management System, and can you Compare Traditional systems and database systems ?

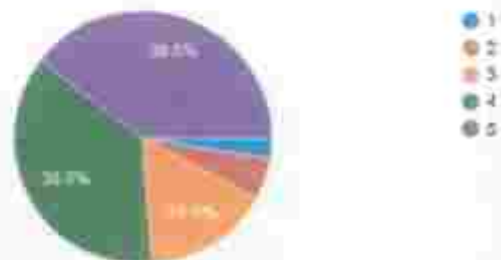| Score	No of student	Percentage
1.can't say	3	3.9
2.Hardly	2	2.6
3.Moderately	12	15.8
4. Mostly	23	30.3
5.Definitely	36	47.4
Total	76	100

Co2 . Are you able to design a database and solve a real time database problem ?

Score	No of student	Percentage
1.can't say	2	2.6
2.Hardly	4	5.3
3.Moderately	12	15.8
4. Mostly	28	36.8
5.Definitely	30	39.5
Total	76	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
### Course Exit Analysis Report (SEM III)
Subject: DBMS
SUBJECT I/C: PRANAL KAKDE

Co 3 .By identifying relational model constraints for the database , can you apply relational algebra queries to implement database analysis and building ?

Score	No of student	Percentage
1.can't say	2	2.6
2.Hardly	3	3.9
3.Moderately	14	18.4
4. Mostly	29	38.2
5.Definitely	28	36.8
Total	76	100

76 responses
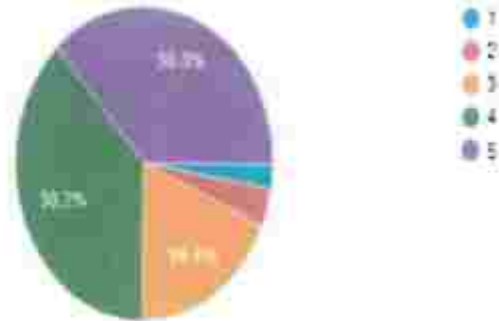
Co 4. Can you formulate SQL queries by applying the knowledge of SQL ?

Score	No of student	Percentage
1.can't say	3	3.9
2.Hardly	3	3.9
3.Moderately	13	17.1
4. Mostly	22	28.9
5.Definitely	35	46.1
Total	76	100

76 responses

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
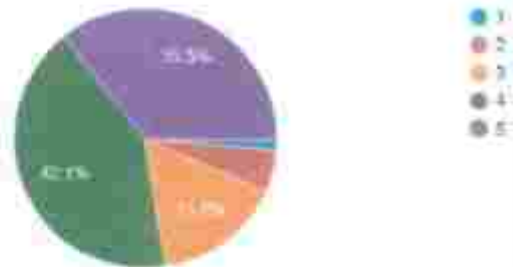### Course Exit Analysis Report (SEM III)
Subject: DBMS
SUBJECT I/C: PRANAL KAKDE

Co 5 . Identify design constraints, and can you apply the principles of normalization to normalize the database to the highest normalization level?

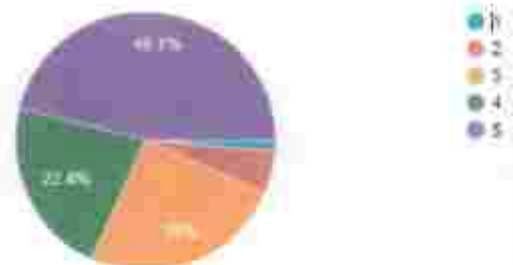| Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	4	5.3
3.Moderately	12	15.8
4. Mostly	32	42.1
5.Definitely	27	35.5
Total	76	100

76 responses

Co 6 .Can you be able to Demonstrate and identify the concept of transaction, concurrency and recovery.?

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	4	5.3
3.Moderately	19	25
4. Mostly	17	22.4
5.Definitely	35	46.1
Total	76	100

76 responses

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: CPP lab
SUBJECT I/C: KIRTI MHAMUNKAR

Co 1. understand and implement program using different loops in c++

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	4	5.3
3.Moderately	9	12
4. Mostly	27	36
5.Definitely	33	44
Total	75	100
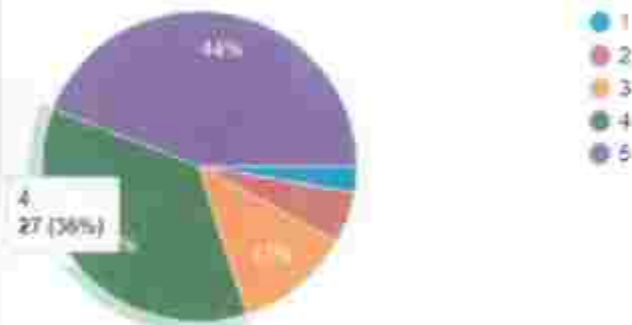
Co2 . Understand the Object Oriented concepts in C++ program

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	5	6.7
3.Moderately	10	13.3
4. Mostly	26	34.7
5.Definitely	33	44
Total	75	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
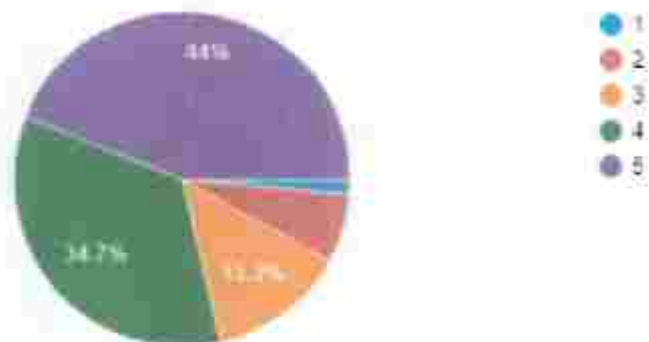**Subject: CPP lab**
SUBJECT I/C: KIRTI MHAMUNKAR

Co 3 . Understand the multithreaded programs

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	2	2.7
3.Moderately	11	14.7
4. Mostly	28	37.3
5.Definitely	32	42.7
Total	75	100
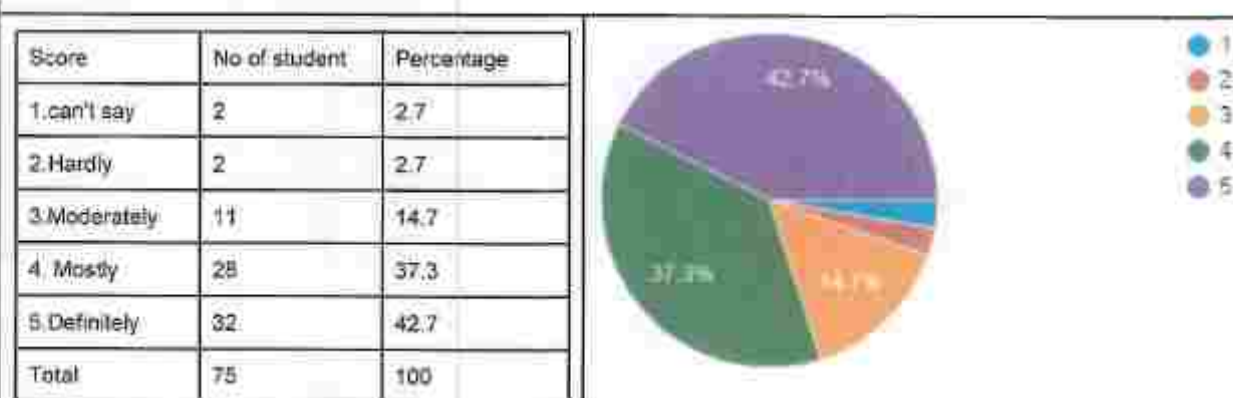
Co 4. Understand the use of exception handling and garbage collection in C++ and JAVA

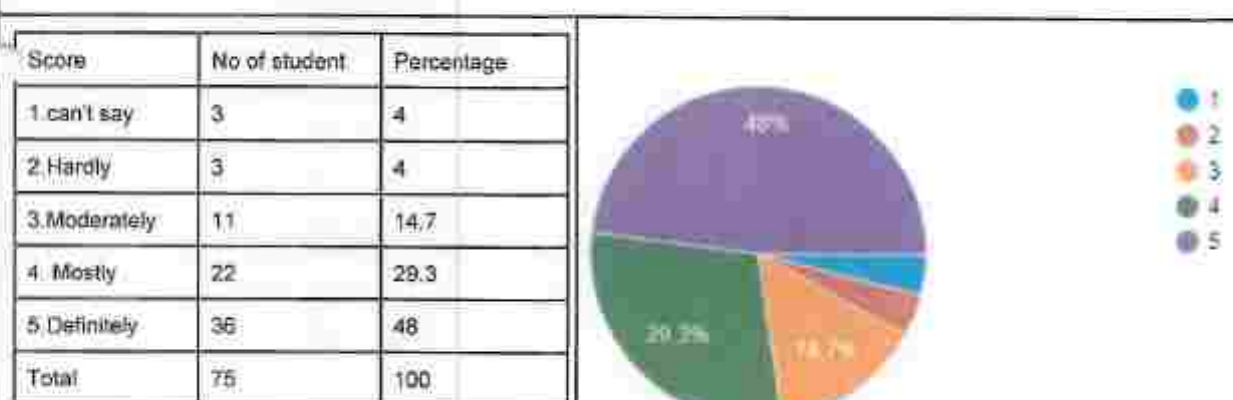| Score	No of student	Percentage
1.can't say	3	4
2.Hardly	3	4
3.Moderately	11	14.7
4. Mostly	22	29.3
5.Definitely	36	48
Total	75	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: CPP lab
SUBJECT I/C: KIRTI MHAMUNKAR

Co 5 . implement program using function Programming Fundamentals-Haskell

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	2	2.7
3.Moderately	12	16
4. Mostly	26	34.7
5.Definitely	33	44
Total	75	100
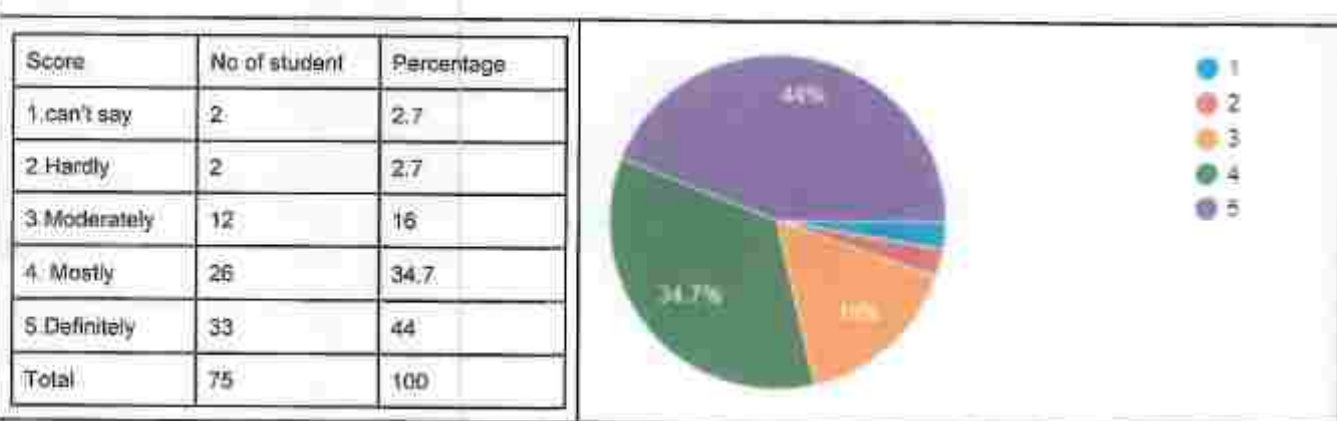
Co 6 . understand the basic difference between various paradigm fundamental.
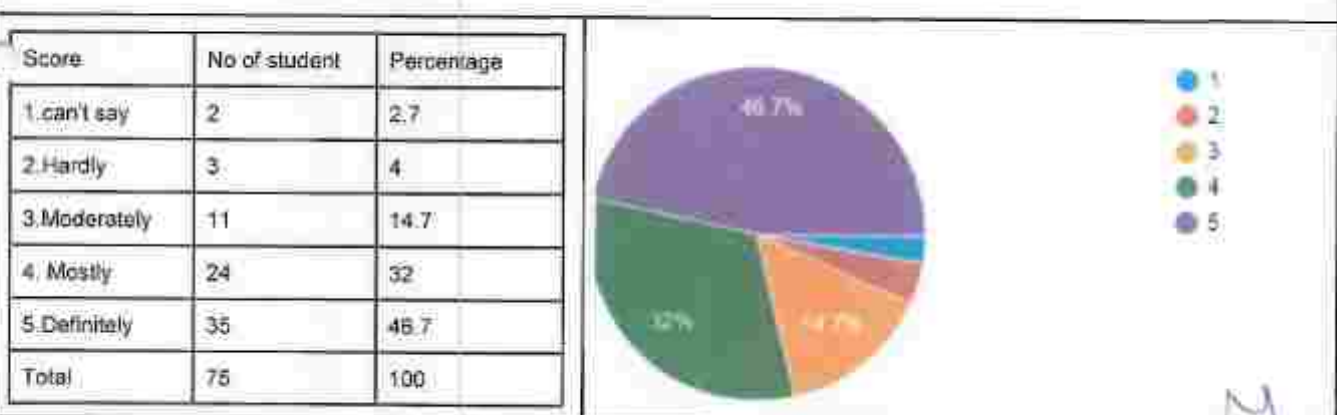
Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	3	4
3.Moderately	11	14.7
4. Mostly	24	32
5.Definitely	35	46.7
Total	75	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: Mini Project – 1 A
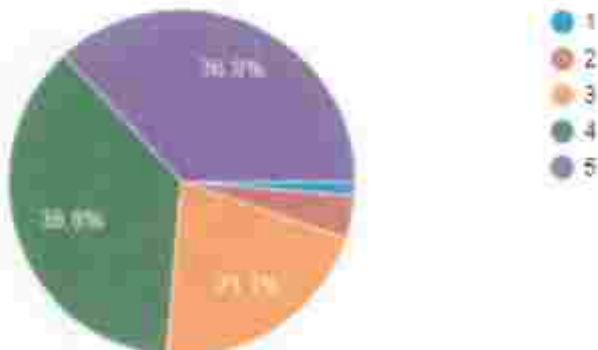**SUBJECT I/C: SUPRIYA KAMBLE**

CO 1. Identify, analyze complex engineering problems based on societal/research needs.

Score	No of student	Percentage
1.can't say	0	0
2. Hardly	2	2.6
3.Moderately	15	19.7
4. Mostly	33	43.4
5.Definitely	26	34.2
Total	76	100
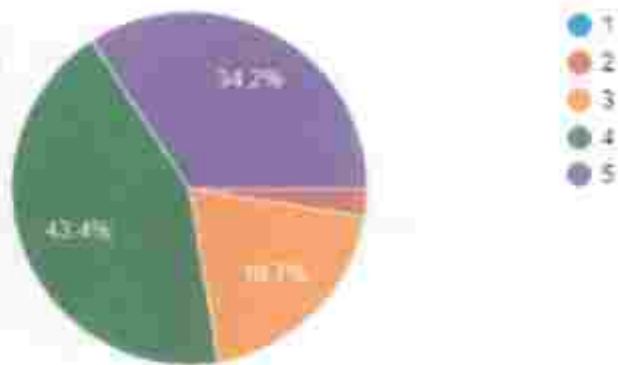
CO2. Apply the knowledge of engineering specialization for providing a solution

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	3	3.9
3.Moderately	15	21.1
4. Mostly	28	36.8
5.Definitely	28	36,8
Total	76	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: Mini Project – 1 A
**SUBJECT I/C: SUPRIYA KAMBLE**

CO3. Critically analyze data through theoretical/experimental/simulations

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.6
3.Moderately	18	23.7
4. Mostly	24	31.6
5.Definitely	32	42.1
Total	76	100
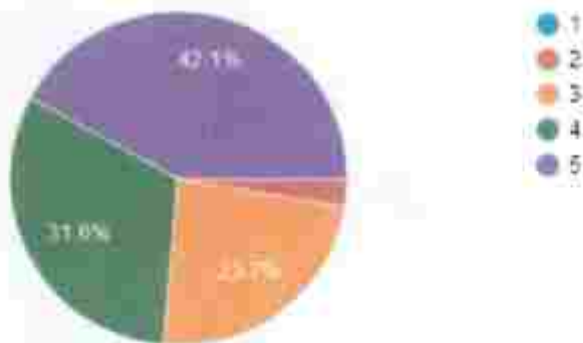
CO4. Describe management techniques to analyze the impact of solutions in societal and environmental context for sustainable development

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.6
3.Moderately	17	22.4
4. Mostly	25	32.9
5.Definitely	32	42.1
Total	76	100
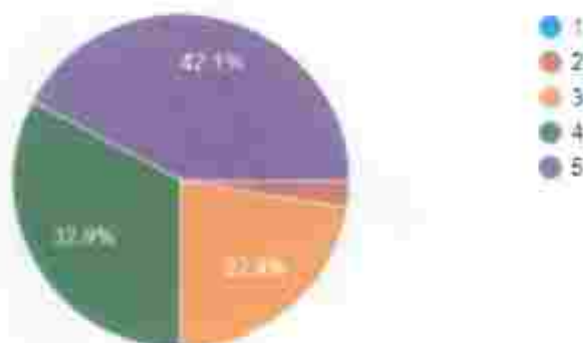
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: Mini Project – 1 A
**SUBJECT I/C: SUPRIYA KAMBLE**

CO5. Recognize and develop a variety of interpersonal skills to work as a member of a group or leader and produce well constructed written engineering documents for publication and deliver effective oral presentations

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	4	5.3
3.Moderately	15	197
4. Mostly	27	35.5
5.Definitely	30	39.5
Total	76	100
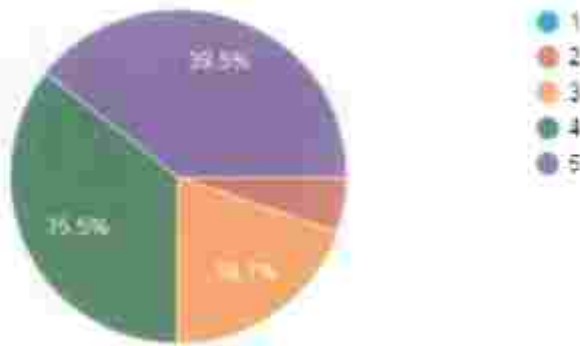
CO6. Use project management tools and principles to schedule project work during project work.

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	2	2.6
3.Moderately	16	21.1
4. Mostly	29	38.2
5.Definitely	28	36.8
Total	76	100
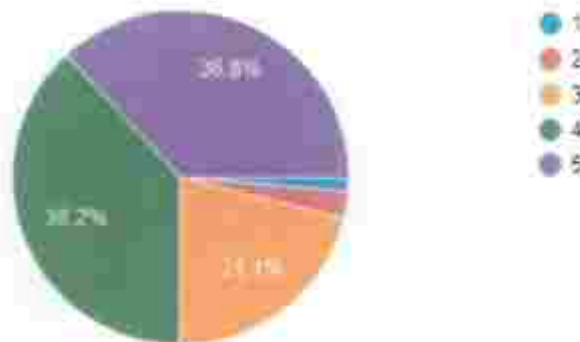
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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: POC
SUBJECT I/C: Dr. Sheetal Bukkawar

Co 1. Describe analog and digital communication systems.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	13	17
4. Mostly	32	42
5.Definitely	31	41
Total	76	100
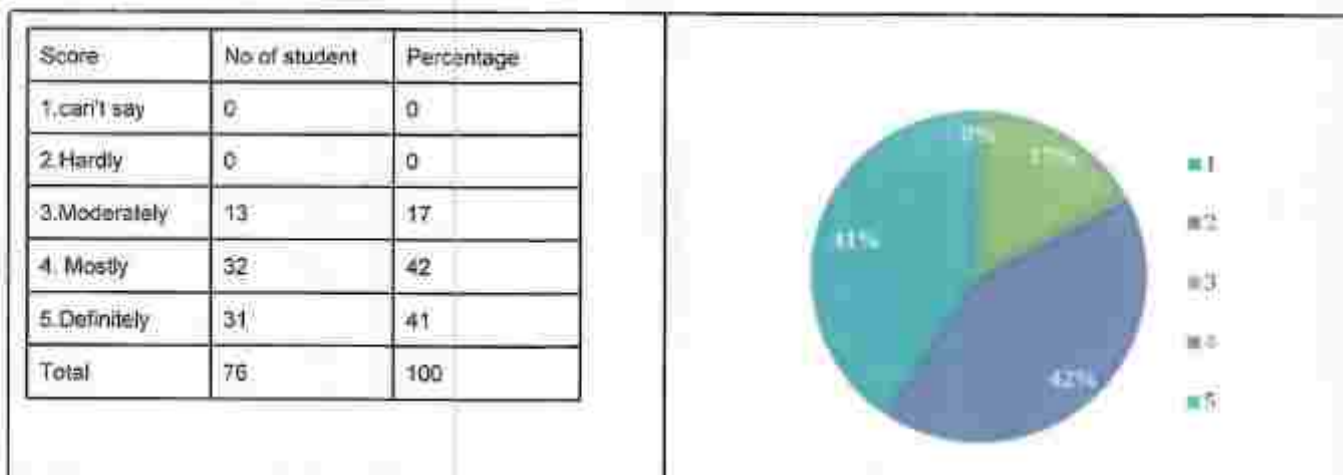
Co2 . a) Differentiate types of noise in communication system. b) Analyses the Fourier transform of time and frequency domain and interpret the result
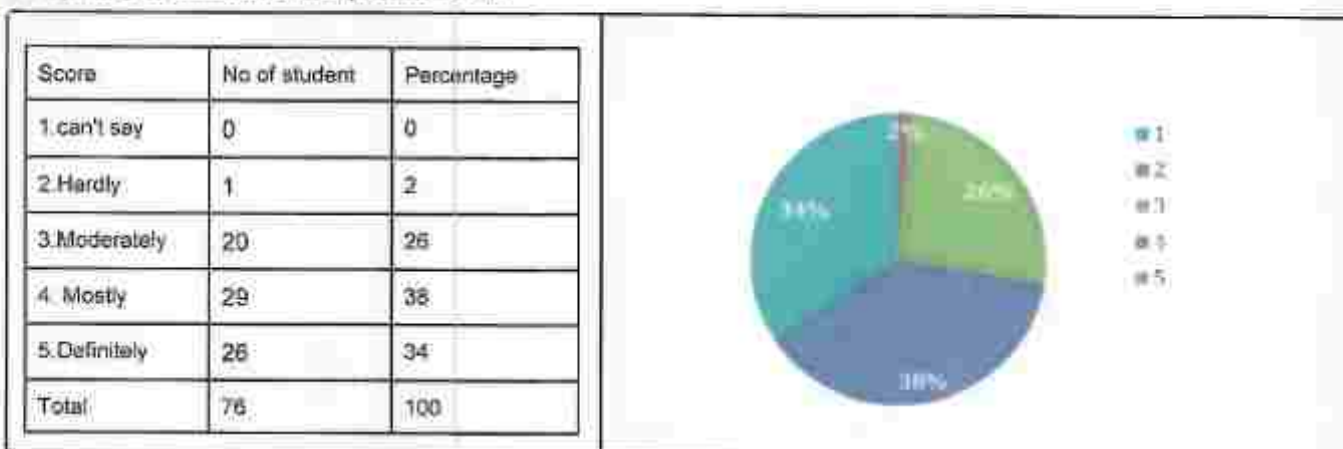
Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	2
3.Moderately	20	26
4. Mostly	29	38
5.Definitely	26	34
Total	76	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: POC
### SUBJECT I/C: Dr. Sheetal Bukkawar

Co 3 . a) Apply engineering fundamentals to explain Amplitude and Frequency modulation techniques
b) Design transmitter and receiver of AM, DSB, SSB and FM

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	1
3.Moderately	15	20
4. Mostly	28	38
5.Definitely	31	41
Total	76	100

Co 4. Describe Sampling theorem and pulse modulation systems

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1
3.Moderately	15	20
4. Mostly	32	42
5.Definitely	28	37
Total	76	100
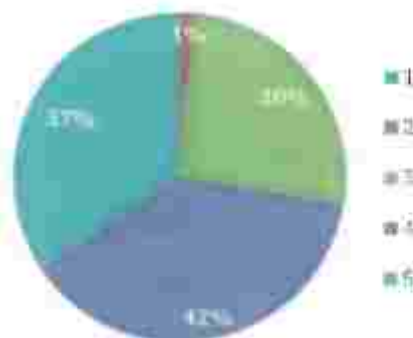
Department of Information Technology
**Academic Year 2023-24 (ODD SEM)**
Course Exit Analysis Report (SEM III)
Subject: POC
**SUBJECT I/C: Dr. Sheetal Bukkawar**

Co 5 . a) Apply engineering fundamentals to explain FDM, TDM & ASK, FSK, PSK modulation techniques.
b) Compare and contrast between ASK, FSK, PSK modulation techniques to select best modulation technique.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1
3.Moderately	15	20
4. Mostly	29	38
5.Definitely	31	41
Total	76	100
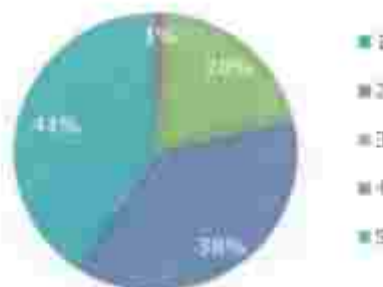
Co 6 . Describe electromagnetic radiation and propagation of waves.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1
3.Moderately	16	21
4. Mostly	33	44
5.Definitely	26	34
Total	76	100
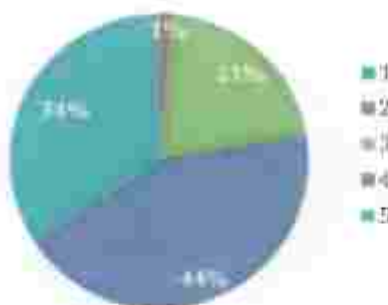
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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
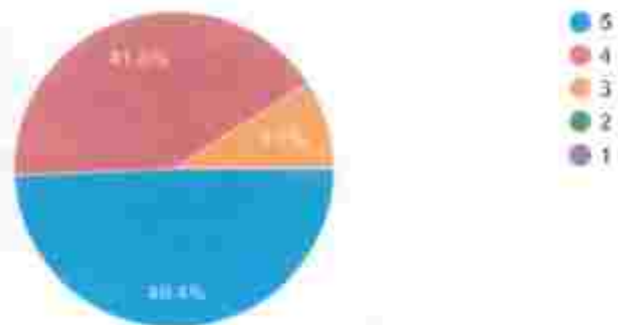### Course Exit Analysis Report (SEM III)
Subject: DSA
SUBJECT I/C: MAAHI K.

CO1 Are you able to Classify and Apply the concepts of stacks, queues and linked list in real life problem solving.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	9.1
4. Mostly	32	41.6
5.Definitely	38	49.4
Total	77	100

Co2 . Are you to able to classify, apply and analyze the concepts trees in real life problem solving.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.3
3.Moderately	12	15.6
4. Mostly	31	40.3
5.Definitely	33	42.9
Total	77	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
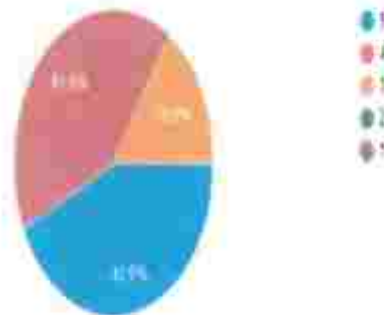**Subject: DSA**
SUBJECT I/C: MAAHI K.

Co 3 Are you able to Illustrate and justify the concepts of graphs in real life problem solving

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	3	3.9
3.Moderately	5	6.5
4. Mostly	38	49.4
5.Definitely	31	40.3
Total	77	100
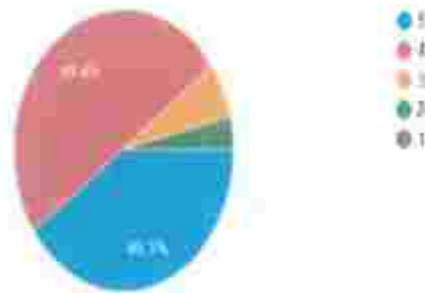
Co 4. Are you able to List and examine the concepts of sorting, searching techniques in real life problem solving.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	12	15.6
4. Mostly	32	41.6
5.Definitely	33	42.9
Total	77	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: DSA
SUBJECT I/C: MAAHI K.

Co 5 . Are you able to use and identify the concepts of recursion, hashing in real life problem solving

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.6
3.Moderately	15	19.5
4. Mostly	31	40.3
5.Definitely	29	37.7
Total	77	100

Co 6 . Are you able to Examine and justify different methods of stacks, queues, linked list, trees and graphs to various applications.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	11	14.3
4. Mostly	29	37.7
5.Definitely	37	48.4
Total	77	100

HOD

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Department of Information Technology
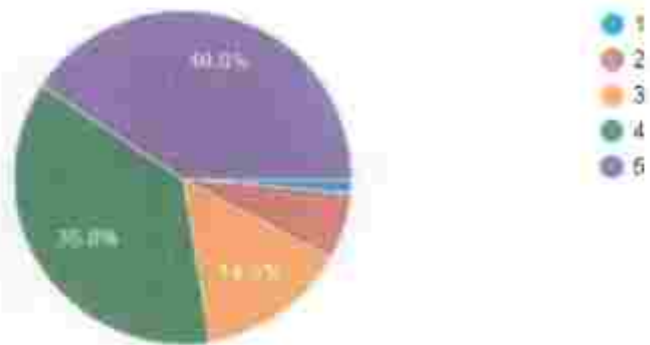**Academic Year 2023-24 (ODD SEM)**
Course Exit Analysis Report (SEM III)
**Subject: DS Lab**
SUBJECT I/C: SUPRIYA KAMBLE

CO1. Understand and use the basic concepts and principles of various linked lists, stacks and queues.

Score	No of student	Percentage
1.can't say	1	1.3
2. Hardly	5	6.6
3.Moderately	11	14.5
4. Mostly	28	36.8
5.Definitely	31	40.8
Total	76	100

CO2. Understand the concepts and apply the methods in basic trees.

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	4	5.3
3.Moderately	10	13.2
4. Mostly	28	36.8
5.Definitely	33	43.4
Total	76	100
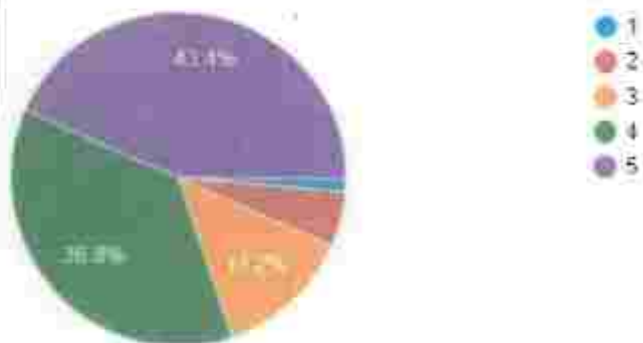
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
**Subject: DS Lab**
SUBJECT I/C: SUPRIYA KAMBLE

CO3. Use and identify the methods in advanced trees.

Score	No of student	Percentage
1.can't say	2	2.6
2.Hardly	5	6.6
3.Moderately	9	11.8
4. Mostly	29	38.2
5.Definitely	31	40.8
Total	76	100
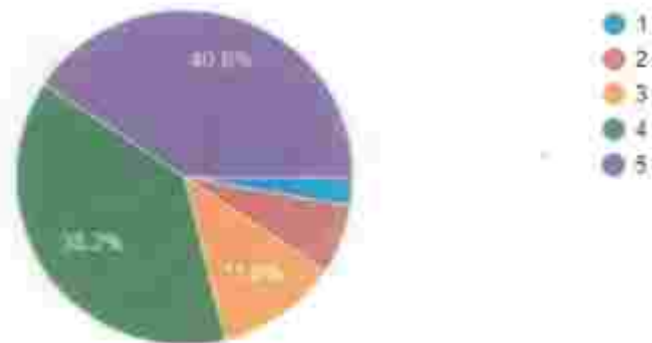
CO4. Understand the concepts and apply the methods in graphs.

Score	No of student	Percentage
1.can't say	2	2.6
2.Hardly	4	5.3
3.Moderately	14	18.4
4. Mostly	27	35.5
5.Definitely	29	38.2
Total	76	100
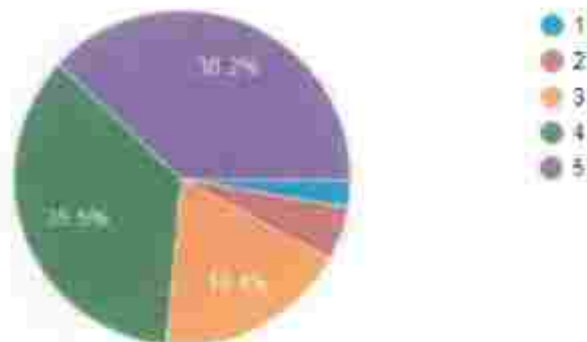
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: DS Lab
SUBJECT I/C: SUPRIYA KAMBLE

CO5. Understand the concepts and apply the techniques of searching, hashing and Sorting.

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	4	5.3
3.Moderately	12	15.8
4. Mostly	26	34.2
5.Definitely	33	43.4
Total	76	100
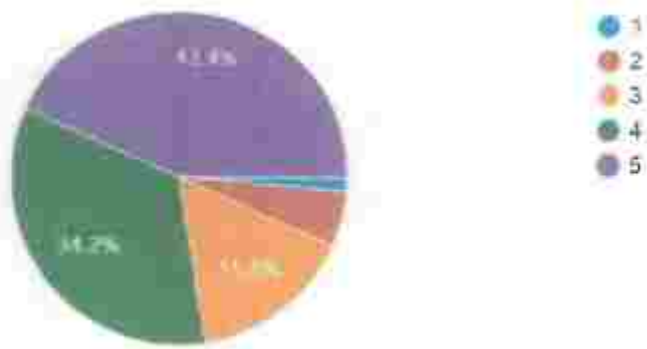
CO6. Illustrate and examine the methods of linked lists, stacks, queues, trees and graphs to various real time problems.

Score	No of student	Percentage
1.can't say	1	1.3
2.Hardly	4	5.3
3.Moderately	11	14.5
4. Mostly	30	39.5
5.Definitely	30	39.5
Total	76	100
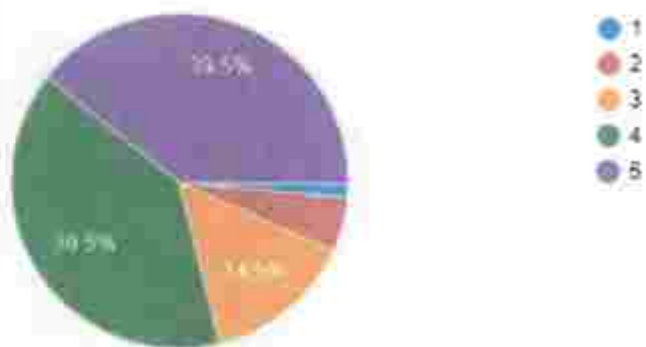
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Department of Information Technology
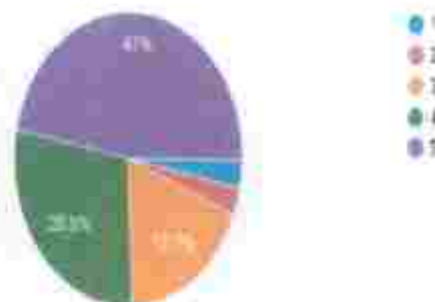### Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: Security Lab
SUBJECT I/C: SAKSHI PANCHALE

CO 1. Understand symmetric cryptography by implementing classical ciphers.

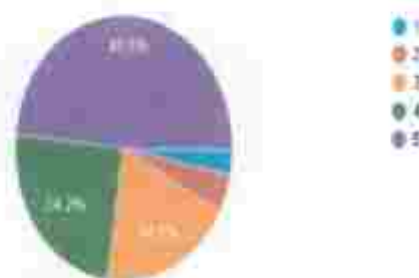| Score	No of student	Percentage
1.can't say	2	3
2.Hardly	2	3
3.Moderately	12	18.2
4. Mostly	19	28.8
5.Definitely	31	47
Total	66	100

66 responses

CO 2. Understand Key management, distribution and user authentication.

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	3	4.5
3.Moderately	13	19.7
4. Mostly	16	24.2
5.Definitely	32	48.5
Total	66	100

66 responses

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
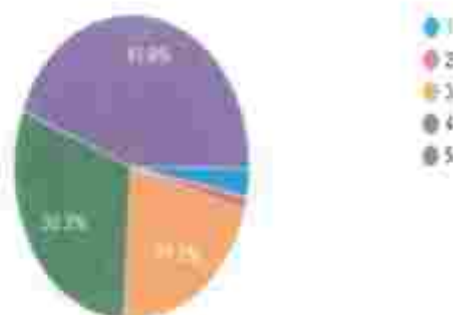**Course Exit Analysis Report (SEM V)**
Subject: Security Lab
SUBJECT I/C: SAKSHI PANCHALE

CO 3. Understand the different network reconnaissance tools to gather information about networks?

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	1	1.5
3.Moderately	14	21.2
4. Mostly	20	30.3
5.Definitely	29	43.9
Total	66	100

CO 4. Use tools like sniffers, port scanners and other related tools for analyzing packets in a network?

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	1	1.5
3.Moderately	16	24.2
4. Mostly	18	27.3
5.Definitely	29	43.9
Total	66	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: Security Lab
SUBJECT I/C: SAKSHI PANCHALE

CO 5. Understand network security system using open source tools and their demonstration?

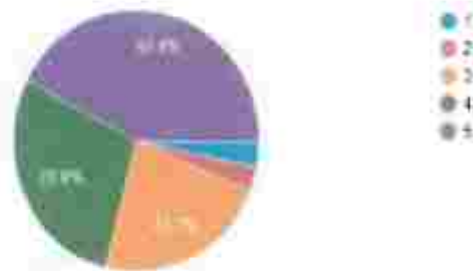| Score	No of student	Percentage
1.can't say	2	3
2.Hardly	0	0
3.Moderately	14	21.2
4. Mostly	18	27.3
5.Definitely	32	48.5
Total	66	100

66 responses

CO 6.Use open-source tools to scan the network for vulnerabilities and simulate attacks.

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	2	3
3.Moderately	15	22.7
4. Mostly	19	28.8
5.Definitely	28	42.4
Total	66	100

66 responses

HOD

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
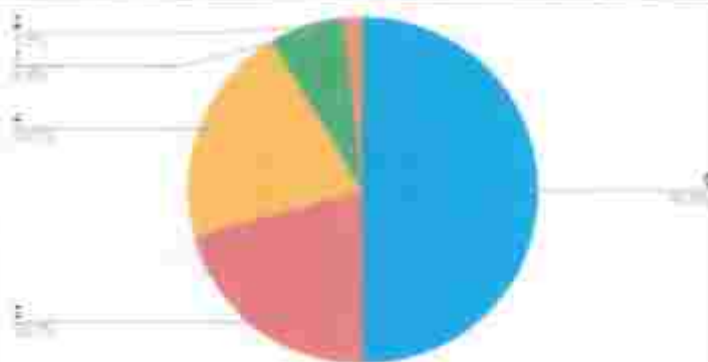**Subject: SE**
SUBJECT I/C: KIRTI MHAMUNKAR

Co 1. Understand the concept of software engineering and its process model

Score	No of student	Percentage
1.can't say	3	4.7
2.Hardly	2	3.1
3.Moderately	15	23.4
4. Mostly	12	18.8
5.Definitely	32	50
Total	64	100
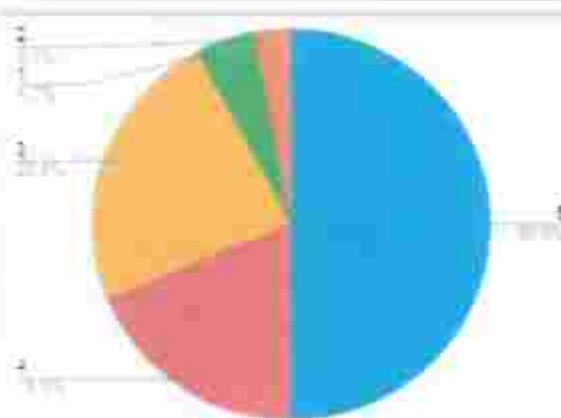
Co2 . Understand the concept of requirement engineering and develop software requirement specifications (SRS)

Score	No of student	Percentage
1.can't say	4	6.3
2.Hardly	1	1.6
3.Moderately	13	20.2
4. Mostly	14	20.7
5.Definitely	32	50
Total	64	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: SE
SUBJECT I/C: KIRTI MHAMUNKAR

Co 3 . Understand the concept of requirement engineering and develop software requirement specifications (SRS)

Score	No of student	Percentage
1.can't say	3	4.7
2.Hardly	2	8.3
3.Moderately	12	18.8
4. Mostly	11	17.2
5.Definitely	34	50
Total	64	100
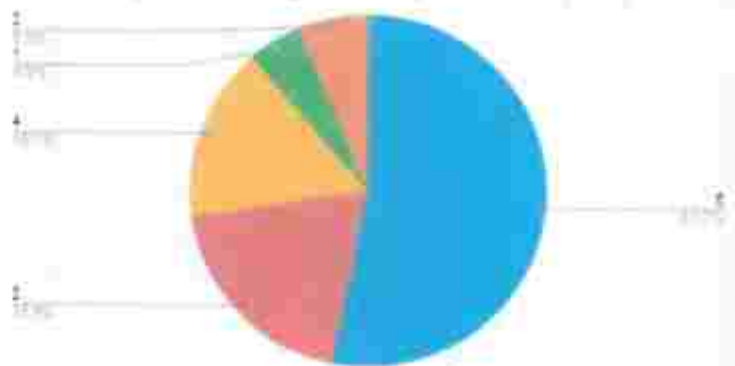
Co 4. Understand explore and analyze the concept of software testing and its different techniques

Score	No of student	Percentage
1.can't say	3	4.7
2.Hardly	4	6.3
3.Moderately	11	17.2
4. Mostly	16	25
5.Definitely	30	46
Total	64	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
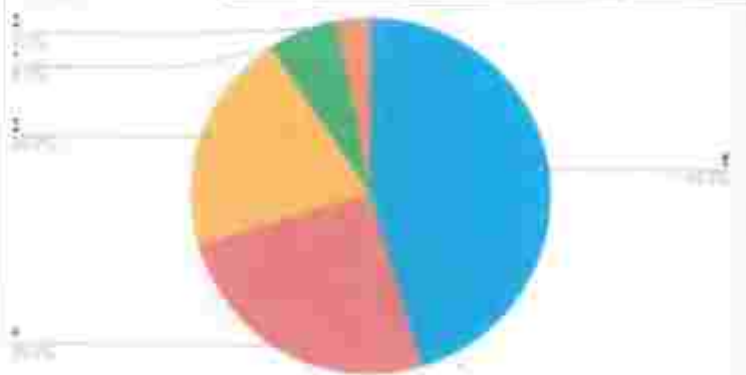**Subject: SE**
SUBJECT I/C: KIRTI MHAMUNKAR

Co 5 . Understand explore and analyze project planning phase, Prepare the RMMM sheet

Score	No of student	Percentage
1.can't say	3	4.7
2.Hardly	4	6.3
3.Moderately	11	17.2
4. Mostly	16	25
5.Definitely	30	46.9
Total	64	100
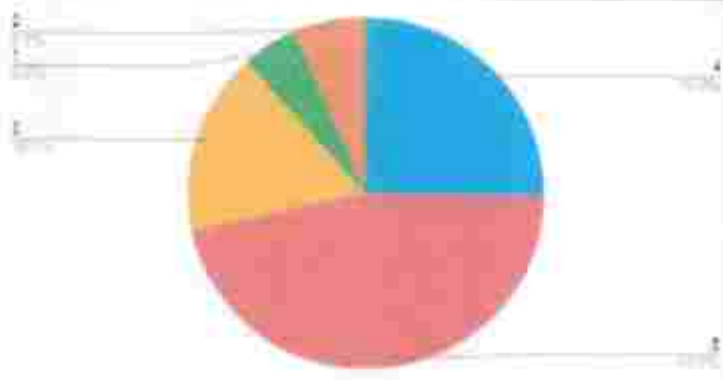
Co 6 . understand the different Project scheduling tools for project timeline

Score	No of student	Percentage
1.can't say	3	4.7
2.Hardly	3	4.7
3.Moderately	15	23.4
4. Mostly	14	21.9
5.Definitely	29	25.3
Total	64	100

HOD

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
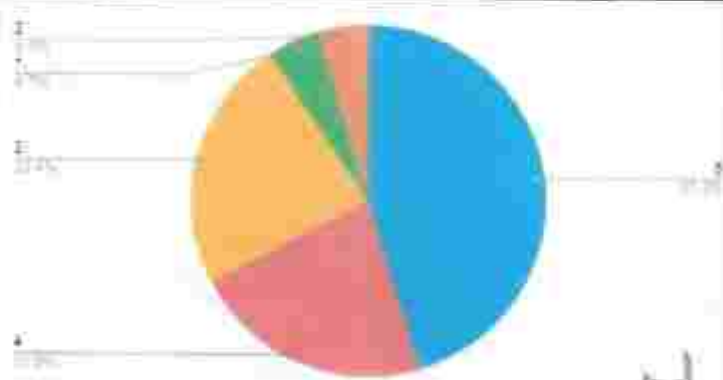**Subject: MINI PROJECT**
SUBJECT I/C: KIRTI MHAMUNKAR

Co 1 Identify ,Analyze complex engineering problems based on societal/research needs and apply the knowledge of engineering specialization for providing a solution

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	4	5.7
3.Moderately	16	22.9
4. Mostly	26	37.1
5.Definitely	24	34.3
Total	70	100
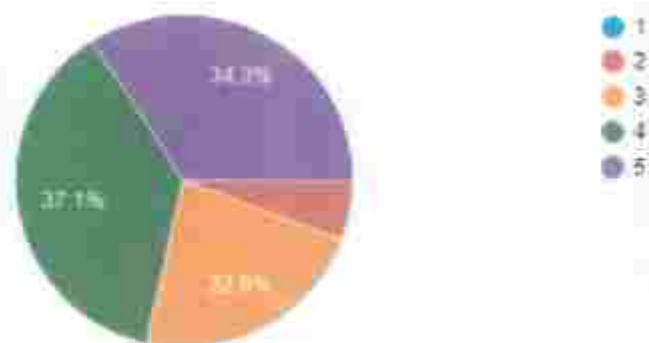
Co2 . Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	5	7.1
3.Moderately	16	22.9
4. Mostly	23	32.9
5.Definitely	26	37.1
Total	70	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: MINI PROJECT
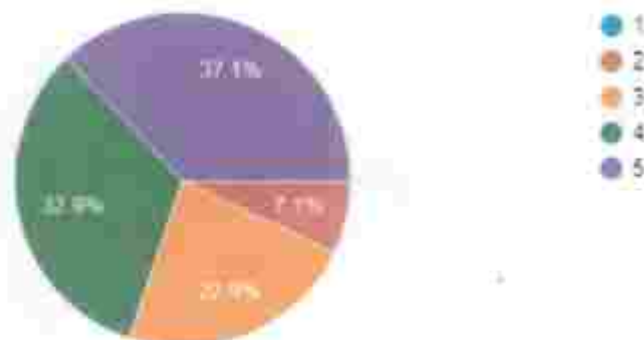**SUBJECT I/C: KIRTI MHAMUNKAR**

Co 3 . Critically analyze data through theoretical/experimental/simulations and describe management techniques to analyze the impact of solutions in societal and environmental context for sustainable development

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	4	5.7
3.Moderately	17	24.3
4. Mostly	27	38.6
5.Definitely	22	31.4
Total	70	100

Co 4. Interpret legislation, regulations, codes and use standard norms of engineering practices to identify and understand situations of unethical professional conduct and propose ethical alternatives

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	7	10
3.Moderately	14	20
4. Mostly	21	30
5.Definitely	28	40
Total	70	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: MINI PROJECT
**SUBJECT I/C: KIRTI MHAMUNKAR**

Co 5 . Recognize and develop a variety of interpersonal skills to work as member of a group or leader and produce well-constructed written engineering documents for publications and deliver effective oral presentations

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	3	4.3
3.Moderately	19	27.1
4. Mostly	24	34.3
5.Definitely	24	34.3
Total	70	100
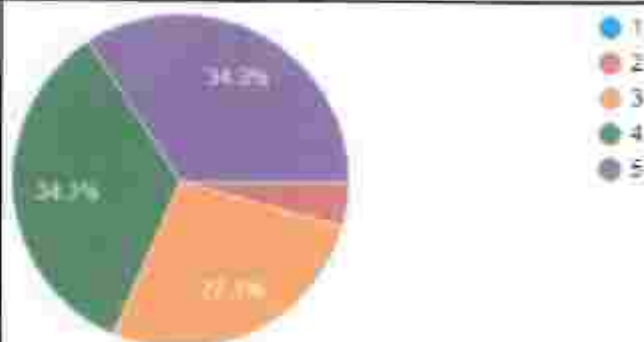
Co 6 . Use project management tools to schedule project work and describe the rationale leading to lifelong learning for continuing professional development

Score	No of student	Percentage
1. can't say	1	1.4
2.Hardly	4	5.7
3.Moderately	17	24.3
4. Mostly	26	37.1
5.Definitely	22	31.4
Total	70	100
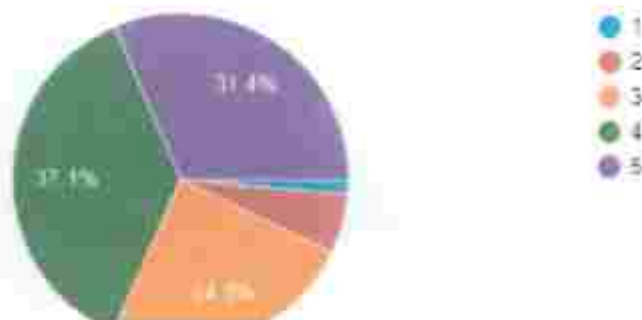
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Department of Information Technology
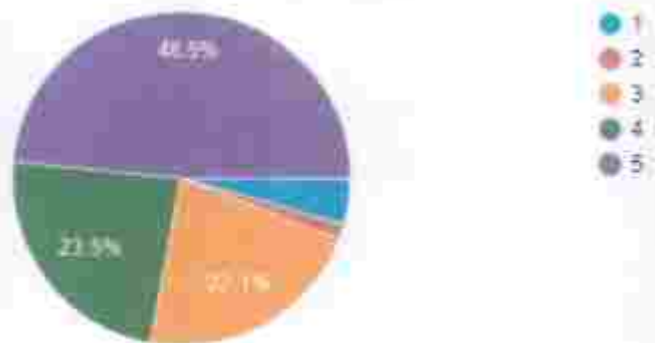### Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: IP LAB
SUBJECT I/C: KIRTI PAWAR

Co 1. Understand and implement web page using HTML concepts.

Score	No of student	Percentage
1.can't say	3	4.4
2.Hardly	1	1.5
3.Moderately	15	22.1
4. Mostly	16	23.5
5.Definitely	33	48.5
Total	68	100

Co2 . Understand how to apply CSS for formatting web pages.

Score	No of student	Percentage
1.can't say	3	4.4
2.Hardly	1	1.5
3.Moderately	13	19.1
4. Mostly	18	26.5
5.Definitely	33	48.5
Total	68	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
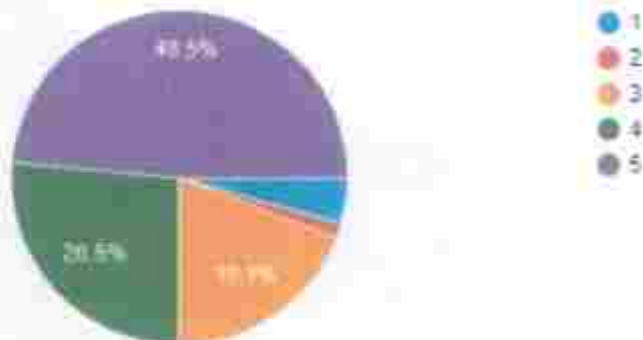Course Exit Analysis Report (SEM V)
Subject: IP LAB
SUBJECT I/C: KIRTI PAWAR

Co 3 . Understand the bootstrap concept and develop responsive web layout.

Score	No of student	Percentage
1.can't say	3	4.4
2.Hardly	3	4.4
3.Moderately	13	19.1
4. Mostly	19	27.9
5.Definitely	30	44.1
Total	68	100
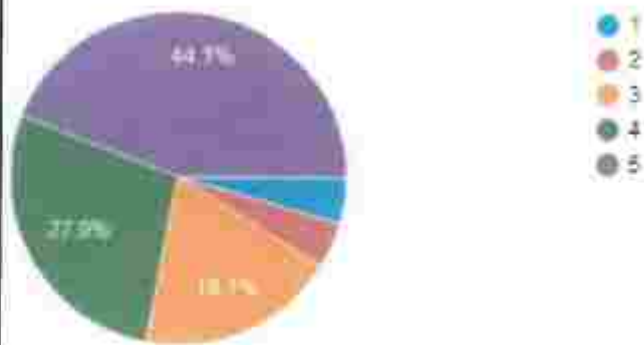
Co 4. Understand and implement javascript concepts to make web pages interactive.

Score	No of student	Percentage
1.can't say	2	2.9
2.Hardly	2	2.9
3.Moderately	18	26.5
4. Mostly	21	30.9
5.Definitely	25	36.8
Total	68	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: IP LAB
SUBJECT I/C: KIRTI PAWAR

Co 5 . Understand React concepts to develop front end applications.

Score	No of student	Percentage
1.can't say	2	2.9
2.Hardly	2	2.9
3.Moderately	13	19.1
4. Mostly	23	33.8
5.Definitely	28	41.2
Total	68	100
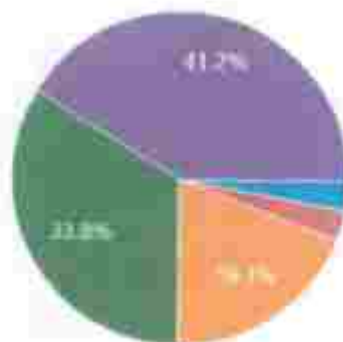
Co 6 . Understand Node.js to develop backend applications.

Score	No of student	Percentage
1.can't say	2	2.9
2.Hardly	2	2.9
3.Moderately	20	29.4
4. Mostly	18	26.5
5.Definitely	26	38.2
Total	68	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
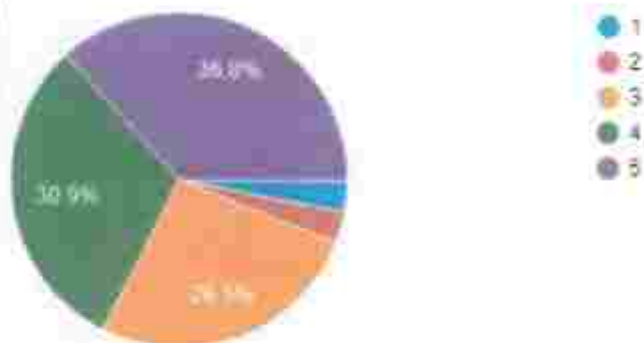**Course Exit Analysis Report (SEM V)**
Subject: ADMT
SUBJECT I/C: SUPRIYA KAMBLE

CO 1. Understand the concept of Query Processing and its approaches
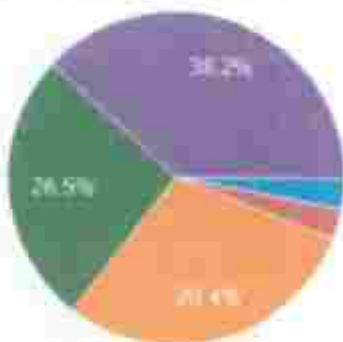
Score	No of student	Percentage
1.can't say	1	2.9
2. Hardly	1	2.9
3.Moderately	2	5.9
4. Mostly	11	32.4
5.Definitely	19	55.9
Total	34	100
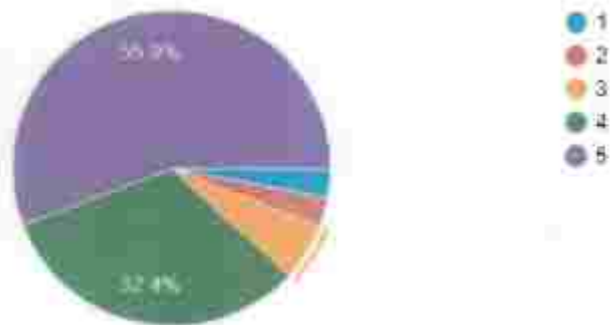
CO2. Understand and analyze the concepts of access protocols

Score	No of student	Percentage
1.can't say		
2.Hardly		
3.Moderately		11.8
4. Mostly		26.5
5.Definitely		58.8
Total	34	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: ADMT
SUBJECT I/C: SUPRIYA KAMBLE

CO3. Understand the concepts for implementing Distributed Databases.

Score	No of student	Percentage
1.can't say	1	2.9
2.Hardly	1	2.9
3.Moderately	2	5.29
4. Mostly	10	29.4
5.Definitely	20	58.8
Total		100
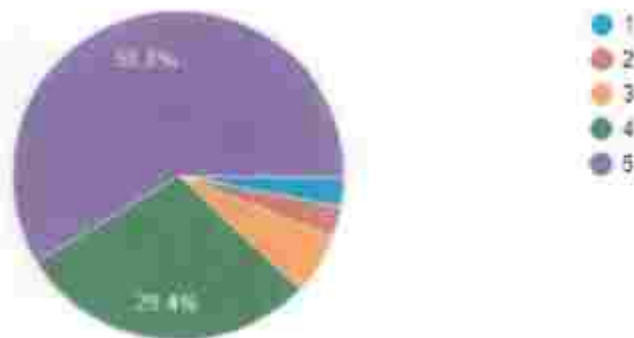
CO4. Understand the concepts for building of Data warehouse, Data Marts, ETL Process

Score	No of student	Percentage
1.can't say	1	2.9
2.Hardly	0	0
3.Moderately	4	11.8
4. Mostly	9	26.5
5.Definitely	20	58.8
Total	34	100
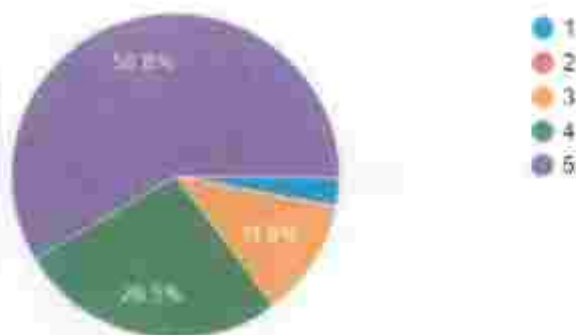
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
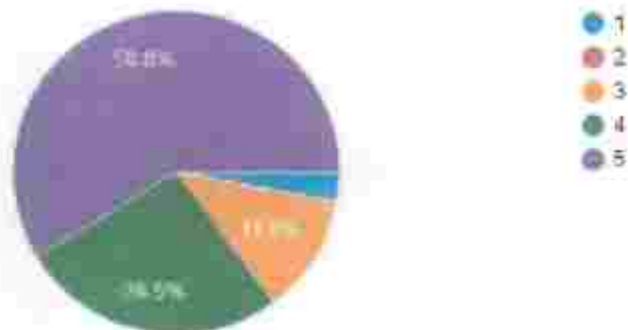**Subject: ADMT**
SUBJECT I/C: SUPRIYA KAMBLE

CO5. Understand the different OLAP Operations for strategic decision making?

Score	No of student	Percentage
1.can't say	1	2.9
2.Hardly	1	2.9
3.Moderately	2	5.9
4. Mostly	10	29.4
5.Definitely	20	58.8
Total	34	100
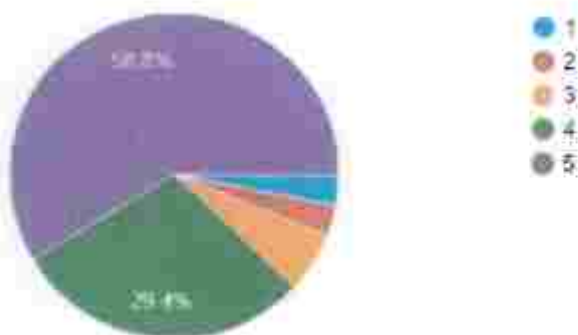
CO6. Understand and analyze the concepts of Big Data & NoSQL.

Score	No of student	Percentage
1.can't say	1	2.9
2.Hardly	1	2.9
3.Moderately	2	5.9
4. Mostly	9	26.5
5.Definitely	21	61.8
Total	34	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: IP
SUBJECT I/C: KIRTI PAWAR

Co 1. Understand basic fundamental concepts of Web Programming.

Score	No of student	Percentage
1.can't say	3	4.5
2.Hardly	0	0
3.Moderately	15	22.4
4. Mostly	19	28.4
5.Definitely	30	44.8
Total	67	100
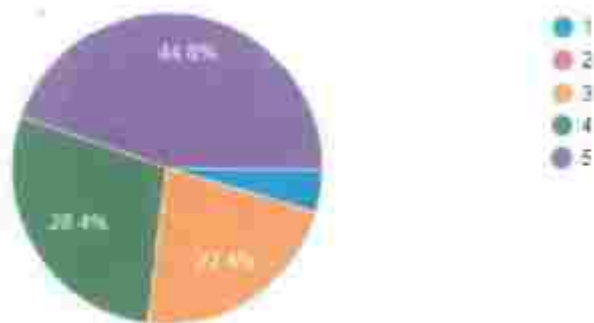
Co2. Discuss and studied the JavaScript concepts to develop interactive web page development.

Score	No of student	Percentage
1.can't say	3	4.5
2.Hardly	0	0
3.Moderately	18	26.9
4. Mostly	20	29.9
5.Definitely	26	38.8
Total	67	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
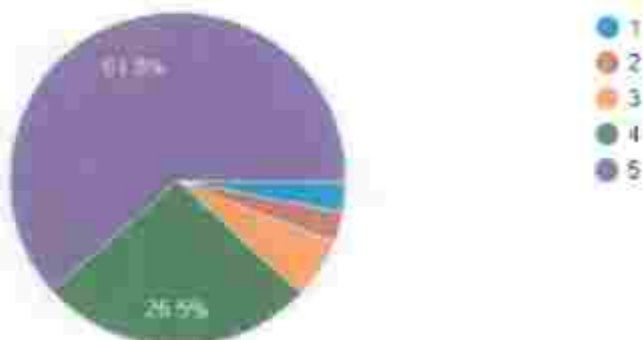**Course Exit Analysis Report (SEM V)**
Subject: IP
SUBJECT I/C: KIRTI PAWAR

Co 3 . Understand how to install REACT and studied basic concepts of REACT.

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	2	3
3.Moderately	21	31.3
4. Mostly	21	31.3
5.Definitely	21	31.3
Total	67	100
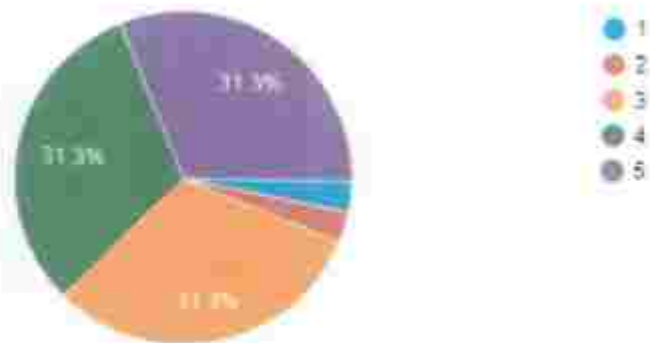
Co 4. Understand and explore the advance concepts of REACT like refs, hooks, Redux etc.

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	1	1.5
3.Moderately	17	25.4
4. Mostly	23	34.3
5.Definitely	24	35.8
Total	67	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: IP
SUBJECT I/C: KIRTI PAWAR

Co 5 . Understand the fundamentals of Node.js as streams, libraries used in Node.js etc.

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	2	3
3.Moderately	19	28.4
4. Mostly	21	31.3
5.Definitely	23	34.3
Total	67	100
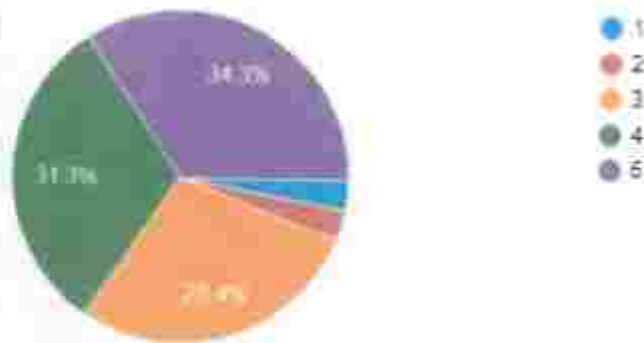
Co 6 . Understand and construct web based Node.js application using express framework.

Score	No of student	Percentage
1.can't say	2	3
2.Hardly	1	1.5
3.Moderately	17	25.4
4. Mostly	25	37.3
5.Definitely	22	32.8
Total	67	100
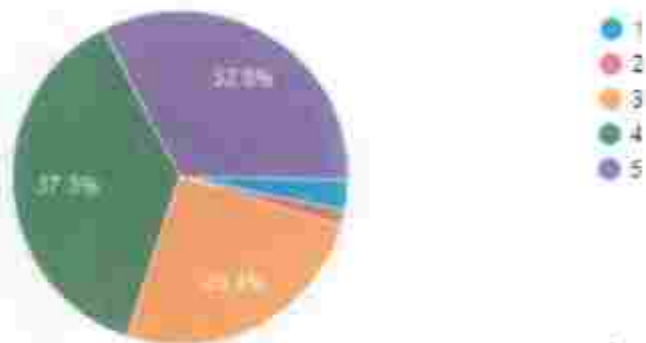
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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
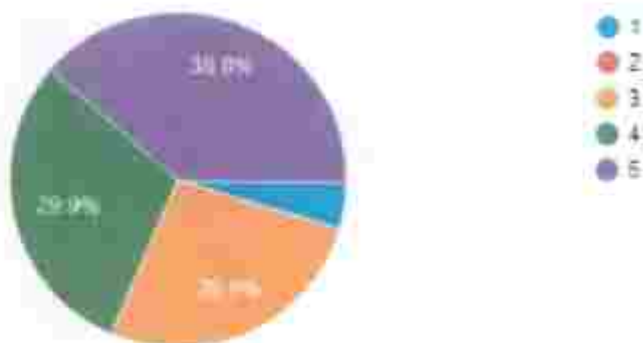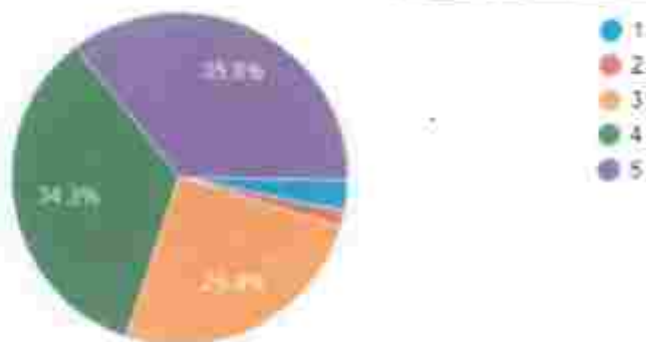**Course Exit Analysis Report (SEM V)**
Subject: ADS
SUBJECT I/C: MAAHI K.

CO1 Understand, explore and analyze Analysis of Algorithm principles with their mathematical aspect and various methods like Substitution, Recursion Tree and Master Theorem to solve Recurrence Relation

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3 Moderately	7	20
4. Mostly	13	37.1
5.Definitely	15	42.9
Total	35	100
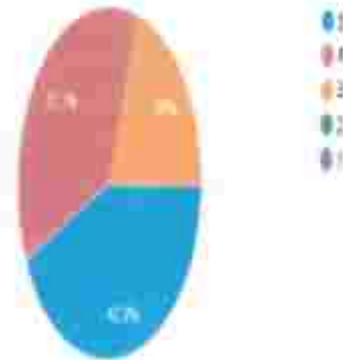
Co2 . Understand and Categorize the core values of advanced data Structure often including Priority Queue, Heap, RBT Trees, B, B+ Trees etc. Identify algorithms to perform numerous operations like insertion , deletion on advanced data structure

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	20
4. Mostly	12	34.3
5.Definitely	16	45.7
Total	35	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: ADS
SUBJECT I/C: MAAHI K.

Co 3 Understand the principles behind Divide and Conquer & Greedy Algorithmic design strategy with its advantages. Illustrate various methods such as Binary Search Method, Merge Sort, Quick Sort, which uses Divide and Conquer Strategy and Knapsack Problem, Job sequencing using deadlines, Optimal storage on tape, Optimal Merge Pattern, which uses Greedy Strategy.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	6	17.1
4. Mostly	13	31.1
5.Definitely	16	45.7
Total	35	100
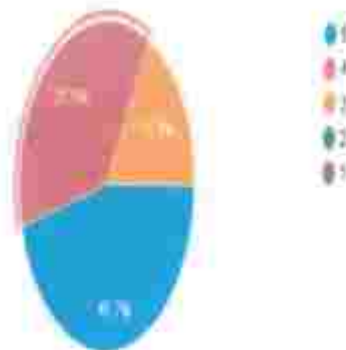
Co 4. Discuss and represent the concept of Dynamic Programming Algorithmic design strategy with its advantages. Apply adequacy of Dynamic algorithms in real life problem solving like 0/1 Knapsack, Travelling Salesman, Matrix Chain Multiplication, Optimal BST problem etc.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	5	14.3
4. Mostly	14	40
5.Definitely	16	45.7
Total	35	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: ADS
SUBJECT I/C: MAAHI K.

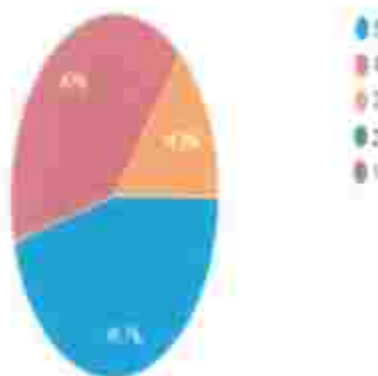Co 5 . . Recognise and use the appropriate string matching methods viz. the naïve string matching, Rabin Karp, KMP, and Longest Common Subsequence (LCS) to design various pattern matching applications.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	4	11.4
4. Mostly	16	45.7
5.Definitely	15	42.9
Total	35	100
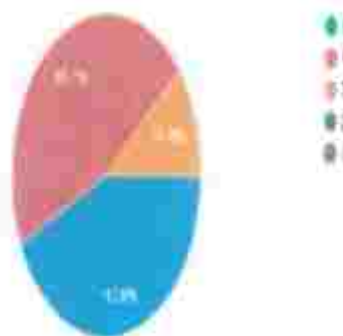
Co 5 : Investigate and explore the principles behind the concepts of Optimization, Approximation & Parallel algorithms and difference between NP-Hard and NP-Complete. Apply adequacy of Optimization, Approximation & Parallel algorithms like Genetic Algorithm, Vertex Cover and Fast Fourier Algorithm.

Score	No of student	Percentage
1.can't say	1	2.9
2.Hardly	0	0
3.Moderately	6	17.1
4. Mostly	11	31.4
5.Definitely	17	48.6
Total	35	100
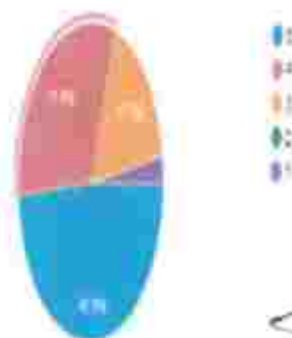
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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: advops LAB
SUBJECT I/C: KIRTI MHAMUNKAR

Co 1. Implementation of Cloud based DevOps solution deployment options to meet your business requirements

Score	No of student	Percentage
1.can't say	4	6.5
2.Hardly	2	3.2
3.Moderately	10	16.1
4. Mostly	15	24.2
5.Definitely	31	50
Total	62	100
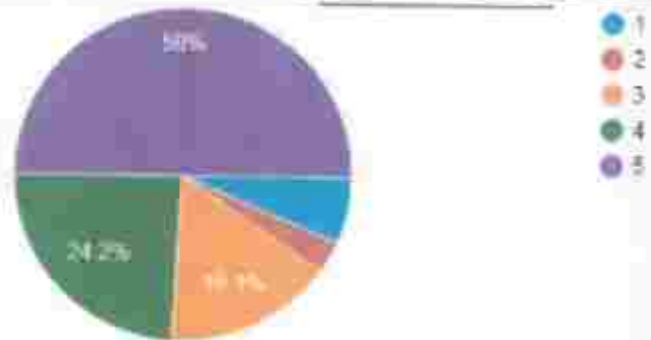
Co2 . Understand and deploy single and multiple container applications Kubernetes

Score	No of student	Percentage
1.can't say	4	6.5
2.Hardly	1	1.6
3.Moderately	11	17.7
4. Mostly	12	19.4
5.Definitely	34	54.8
Total	62	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: advops LAB
SUBJECT I/C: KIRTI MHAMUNKAR

Co 3 . Understand concept of cloud , Work and set up IDE on Cloud9

Score	No of student	Percentage
1.can't say	4	6.5
2.Hardly	1	1.6
3.Moderately	9	14.5
4. Mostly	17	27.4
5.Definitely	31	50
Total	62	100
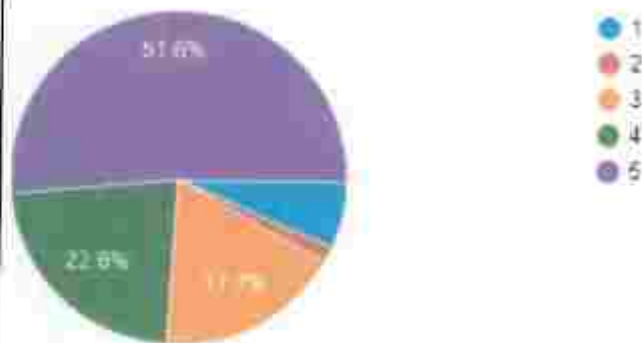
Co 4. Understand explore and analyze the concept of Gitlab

Score	No of student	Percentage
1.can't say	4	6.5
2.Hardly	1	1.6
3.Moderately	11	17.1
4. Mostly	14	22.6
5.Definitely	32	51.6
Total	62	100
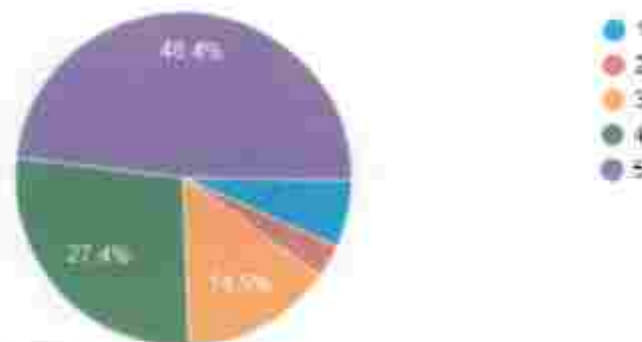
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: advops LAB
SUBJECT I/C: KIRTI MHAMUNKAR

Co 5 . Understand and create AWS Lambda function

Score	No of student	Percentage
1.can't say	4	6.5
2.Hardly	2	2.3
3.Moderately	9	14.5
4. Mostly	17	27.4
5.Definitely	30	48.4
Total	62	100
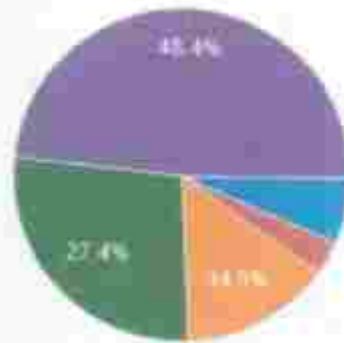
Co 6 . understand the concept of Nagios

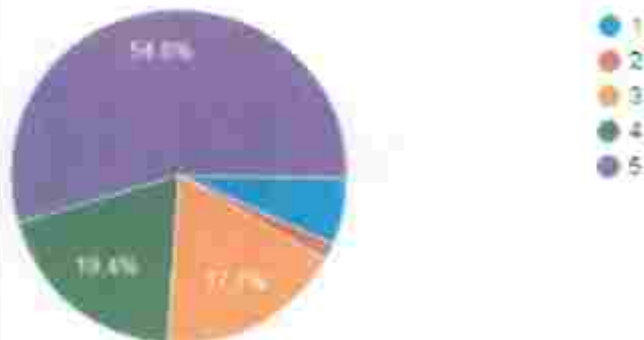| Score	No of student	Percentage
1.can't say	4	6.5
2.Hardly	1	1.6
3.Moderately	11	17.7
4. Mostly	14	22.6
5.Definitely	32	51.6
Total	62	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: Entrepreneurship and E-Business
SUBJECT I/C: Prof Varalakshmi R

Co 1. Understand the concept of Entrepreneurship and how it differs from manager

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	13	19.4
4. Mostly	14	20.9
5.Definitely	39	58.2
Total	67	100

1. Understand the concept of Entrepreneurship and how it differs from manager

Co2 Understand the business development in the existing and start-up company

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	14	20.9
4. Mostly	21	31.3
5.Definitely	31	46.3
Total	67	100

2.Understanding the business development in existing and start-up company

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Department Of Information Technology

Action taken based on feedback from students (CO & PO)

Academic Year 2023-24 ODD

Summary of feedback –Semester V:

Feedback collected through course exit forms were analyzed and necessary actions which are useful for students were planned and conducted. Abstract of suggestion obtained from the stake holders to enhance the employ ability of the student are discussed below.

- Some more basic concepts should be added in syllabus like programming.
- Need awareness about latest technologies in industries.
- Need video's for better understanding of concepts.
- Need some extra lectures for mathematics problem solving and practice.

Action Taken:

Based on suggestions, various events are organized; Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below.

SR NO.	Subject	Feedback / Suggestions	Action Taken	Date
1	CNS	Internet Security Protocols	https://www.youtube.com/watch?v=M60fjg6FcXk	As per requirement
2	SE	COCOMO model-II	https://www.youtube.com/watch?v=eZilwrh4-II.	As per requirement
3	IP	Latest technologies in industries	Workshop On Javascript And Application	

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Saraswati College of Engineering

Kharghar, Navi Mumbai - 410 210.

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: EEB
SUBJECT I/C: Prof.Varalakshmi R

Co 3 How well can u comprehend the different sources of financing

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	12	17.9
4. Mostly	23	34.3
5.Definitely	31	46.3
Total	67	100

3.Comprehend the sources of financing

67 responses

Co4. Key role played by the Human Resource Management

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	12	17.9
4. Mostly	23	29.9
5.Definitely	33	49.3
Total	67	100

4. Key role played by the Human Resource Management

67 responses

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject:EEB
SUBJECT I/C:Prof.Varalakshmi R

Co 5 .Can you name the challenges faced by E-business models

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.3
3.Moderately	11	16.4
4. Mostly	26	38.8
5.Definitely	29	43.3
Total	67	100

5.The challenges faced by e-business models
67 responses

Co 6 Discuss various E-business strategies and identify tools and techniques used in E-business

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	11	17.9
4. Mostly	22	32.8
5.Definitely	33	49.3
Total	67	100

5.Discuss various E-business strategies and and identify tools and techniques used in E-business
67 responses

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Cyber Security & Laws
SUBJECT I/C: SUPRIYA KAMBLE

CO 1. Understand and identify different types of Cybercrime, its origin and effects on Outside World

Score	No of student	Percentage
1.can't say	0	0
2. Hardly	1	1.5
3.Moderately	7	10.8
4. Mostly	16	24.6
5.Definitely	41	63.1
Total	65	100
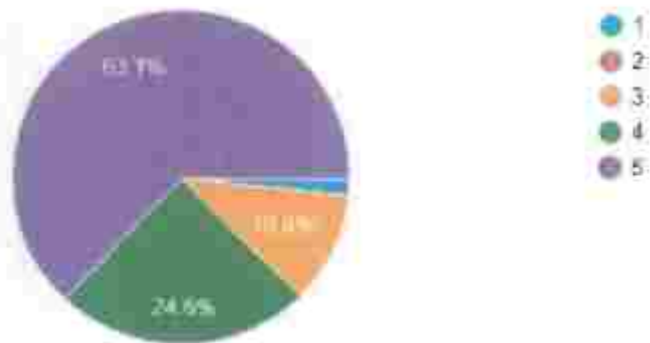
CO2. Understand the tools and methods used in Cyberline

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	6	9.2
4. Mostly	19	29.2
5.Definitely	38	58.5
Total	65	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Cyber Security & Laws
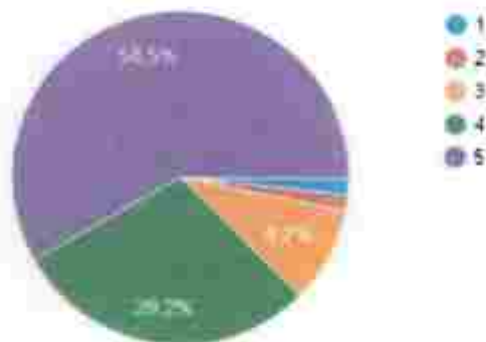**SUBJECT I/C: SUPRIYA KAMBLE**

CO3. Understand e-commerce and different aspects (Contract, Security, Intellectual, Evidence, Criminal) in Cyber Law

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	5	7.7
4. Mostly	21	32.3
5.Definitely	37	56.9
Total	65	100
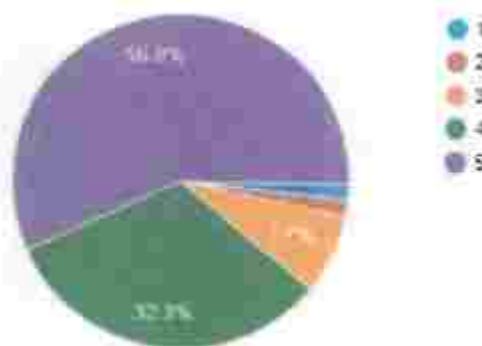
CO4. Understand and analyze the legal framework and laws related to e-banking

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	8	12.3
4. Mostly	19	29.2
5.Definitely	36	55.4
Total	65	100
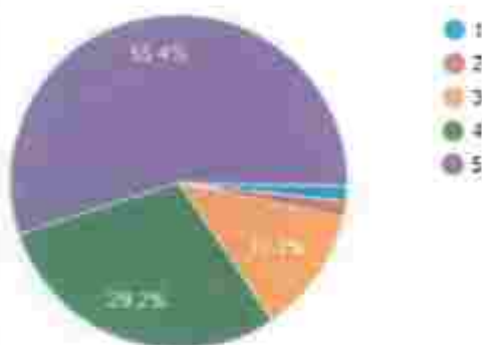
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Cyber Security & Laws
SUBJECT I/C: SUPRIYA KAMBLE

CO5.Analyze and apply Indian IT Act, its latest amendments and penalties

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	7	10.8
4. Mostly	20	30.8
5.Definitely	37	56.9
Total	65	100
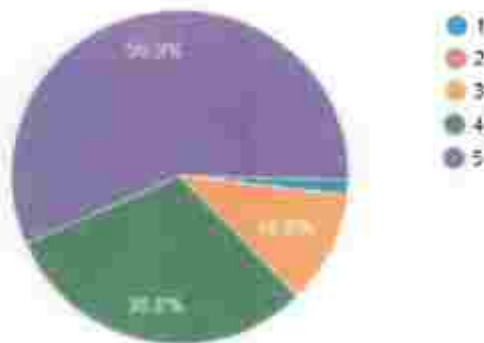
CO6. Understand and analyze the various Information Security Standard Compliances during oftware Design and Development

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	5	7.7
4. Mostly	20	30.8
5.Definitely	38	58.5
Total	65	100
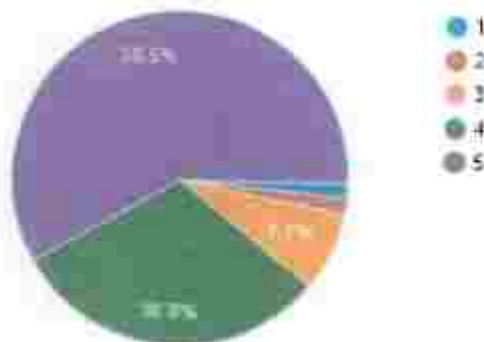
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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
**Subject: DS LAB**
SUBJECT I/C: MAAHI K.

CO1 Are to able to Implement reasoning with uncertainty.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	3	4.4
4. Mostly	20	29.4
5. Definitely	45	66.2
Total	68	100
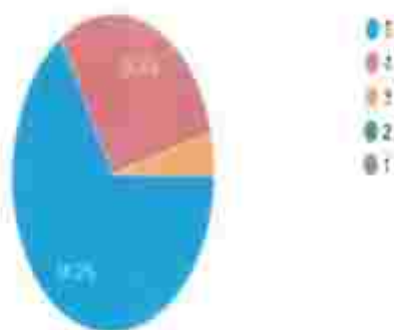
Co2 . . Are to able to Explore use cases of Cognitive Computing

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	5	7.4
4. Mostly	21	3.09
5. Definitely	42	61.8
Total	68	100
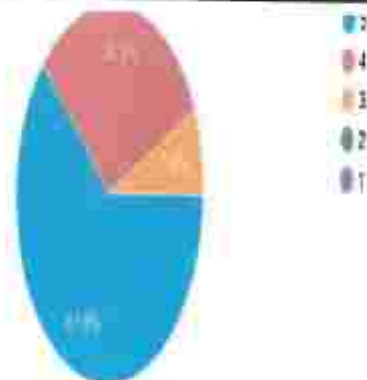
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: : DS LAB
SUBJECT I/C: MAAHI K. KAKDE

Co 3   Are you able to Implement a fuzzy controller system.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.5
3. Moderately	3	4.4
4. Mostly	19	27.9
5. Definitely	45	66.2
Total	68	100
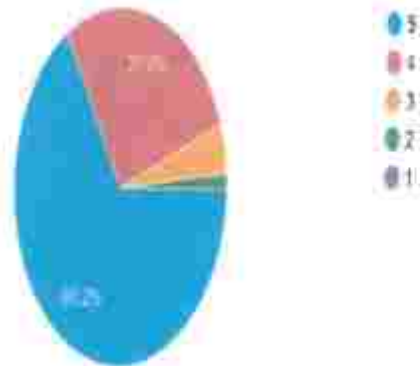
Co 4. Are you able to Develop real life applications using learning concepts

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	3	4.4
4. Mostly	21	30.9
5. Definitely	44	64.7
Total	68	100
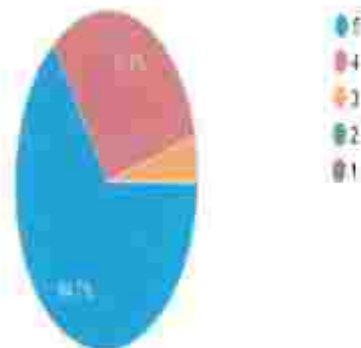
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
**Subject: DS LAB**
SUBJECT I/C: MAAHI K.

Co 5 . Are you able to Evaluate performance of applications.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	4	5.9
4. Mostly	19	27.9
5. Definitely	45	66.2
Total	68	100
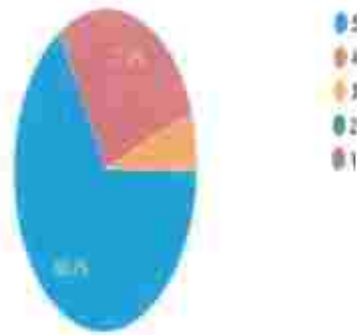
Co 6 . Are you able to Implement and analyze applications based on current trends in Data Science.

1. can't say	0	0
2. Hardly	0	0
3. Moderately	4	5.9
4. Mostly	20	29.4
5. Definitely	44	64.7
Total	68	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: ROS LAB
SUBJECT I/C: OYENDRILA SAMANTA

CO1. Able to understand the basic concepts of Open-Source Software.

Score	No of student	Percentage
1. can't say	3	4.7
2. Hardly	0	0
3. Moderately	7	10.9
4. Mostly	18	28.1
5. Definitely	36	56.3
Total	64	100

CO2. Able to understand the GPL.(General Public License) and Contribute of Open Source.

Score	No of student	Percentage
1. can't say	2	3.1
2. Hardly	3	4.7
3. Moderately	6	9.4
4. Mostly	18	28.1
5. Definitely	35	54.7
Total	64	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: ROS LAB
SUBJECT I/C: OYENDRILA SAMANTA

CO 3. Able to understand Contribute to Open Source in different Operating System.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	0	0
3.Moderately	7	10.9
4. Mostly	21	32.8
5.Definitely	34	53.1
Total	64	100
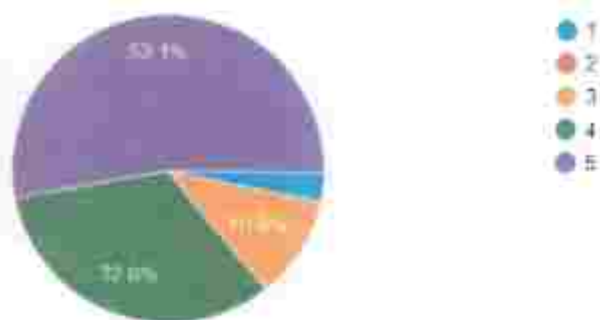
CO 4. Able to understand Contribute to Open Source in different Technologies.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	0	0
3.Moderately	9	14.1
4. Mostly	21	32.8
5.Definitely	32	50
Total	64	100
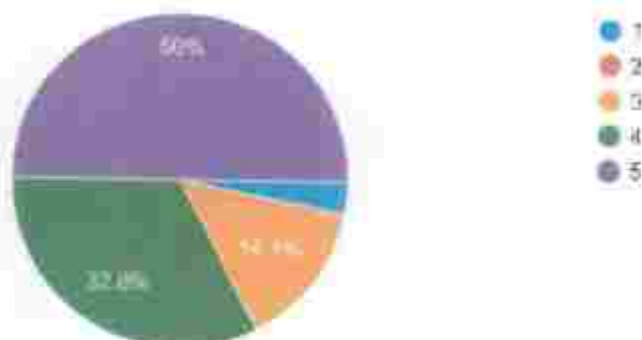
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
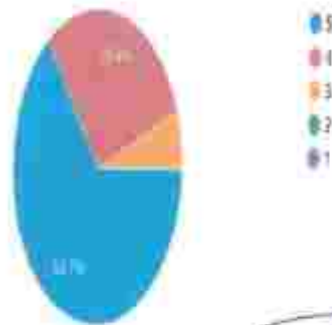**Course Exit Analysis Report (SEM VII)**
Subject: ROS LAB
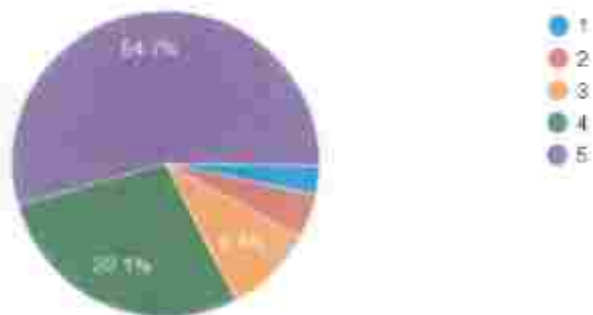**SUBJECT I/C: OYENDRILA SAMANTA**

Co 5. Able to understand Contribute to Open Source in different Network Management.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	1	1.6
3.Moderately	8	12.5
4. Mostly	18	28.1
5.Definitely	35	54.7
Total	64	100
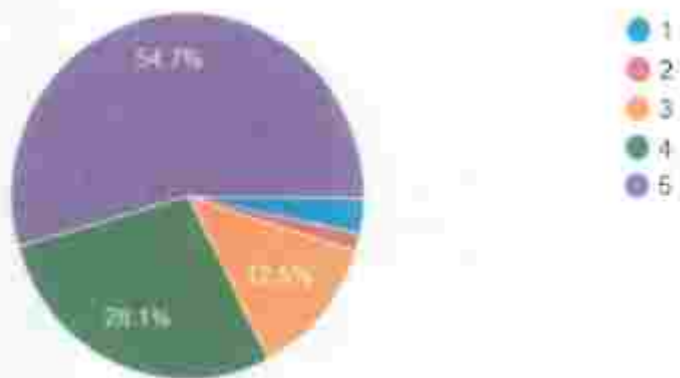
CO 6. Able to understand Contribute to Open Source in different Applications and Services.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	0	0
3.Moderately	7	10.9
4. Mostly	21	32.8
5.Definitely	34	53.1
Total	64	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: AIDS 2
SUBJECT I/C: Prof Varalakshmi R

Co 1. Design models for resoning with uncertainity

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	9	13.8
4. Mostly	14	21.5
5.Definitely	40	61.5
Total	65	100

1.Design models for reasoning with uncertainity

Co2 .Analyze the process of building a cognitive application

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	2
3.Moderately	8	12.3
4. Mostly	17	26.2
5.Definitely	39	60
Total	65	100

2. Analyze the process of building a cognitive application

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: AIDS 2
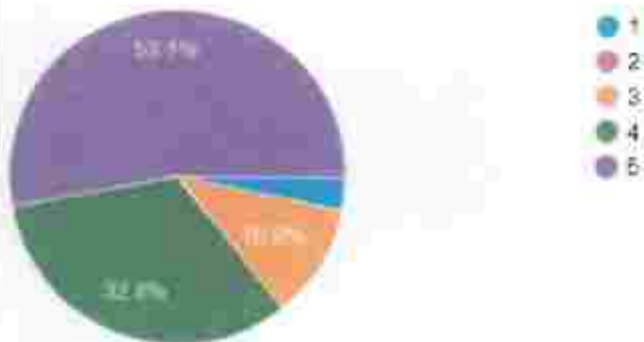**SUBJECT I/C: Prof.Varalakshmi R**

Co 3 Design a fuzzy controller system

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	8	12.3
4. Mostly	17	26.2
5.Definitely	39	58.5
Total	65	100

3. Design fuzzy controller system
65 responses

Co6.Analyze the trends in Data Science

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	3	4.6
4. Mostly	17	26.2
5.Definitely	43	66.2
Total	65	100

4.Analyze the trends in Data Science
65 responses

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject:AIDS 2
SUBJECT I/C:Prof.Varalakshmi R

Co 5 .To measure the performance of various learning algorithms

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.1
3.Moderately	3	4.6
4. Mostly	21	32.3
5.Definitely	40	61.5
Total	65	100

5.To measure the performance of various learning algorithms
65 responses
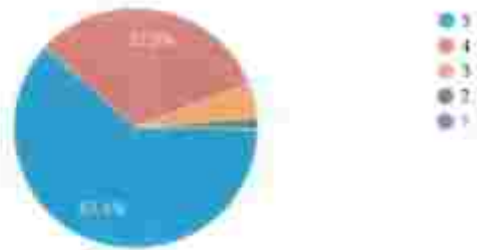
Co 4 How familiar are you with Deep Learning concepts and architecture

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	6	9.2
4. Mostly	17	26.2
5.Definitely	40	61.5
Total	65	100

6.How familiar are you with Deep Learning concepts and Architecture
65 responses

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Software Testing Quality Assurance
SUBJECT I/C: SAKSHI PANCHALE

CO1- Understand the concepts of Software Testing and different ways of testing to remove bugs.

Score	No of student	Percentage
1.can't say	2	3.2
2.Hardly	1	1.6
3.Moderately	5	7.9
4. Mostly	19	30.2
5.Definitely	36	57.1
Total	63	100

CO2-Understanding Black box and white box testing techniques.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.6
3.Moderately	6	9.5
4. Mostly	20	31.7
5.Definitely	36	57.1
Total	63	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Software Testing Quality Assurance
SUBJECT I/C: SAKSHI PANCHALE

CO3-Understanding and designing test plans and need and classification of software matrices.

Score	No of student	Percentage
1.can't say	1	1.6
2.Hardly	3	4.8
3.Moderately	4	6.3
4. Mostly	23	36.5
5.Definitely	32	50.8
Total	63	100

63 responses

CO4-Understanding test automation and managing the test process.

Score	No of student	Percentage
1.can't say	1	1.6
2.Hardly	2	3.2
3.Moderately	7	11.1
4. Mostly	20	31.7
5.Definitely	33	52.4
Total	63	100

63 responses

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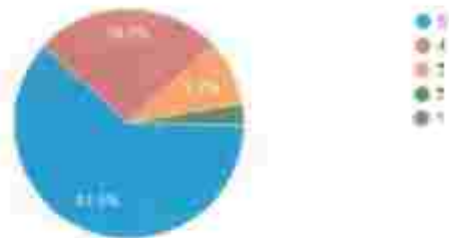
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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Software Testing Quality Assurance
SUBJECT I/C: SAKSHI PANCHALE

CO5-Understanding software testing techniques in commercial environment like agile testing.

Score	No of student	Percentage
1.can't say	2	3.2
2.Hardly	3	4.8
3.Moderately	5	7.9
4. Mostly	17	27
5.Definitely	36	57.1
Total	63	100

63 responses

CO6-Understanding the various software quality measurements and its implementation.

Score	No of student	Percentage
1.can't say	1	1.6
2.Hardly	1	1.6
3.Moderately	8	12.7
4. Mostly	20	31.7
5.Definitely	33	52.4
Total	63	100

63 responses

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Secure Application Development
SUBJECT I/C:Varalakshmi R

CO1. Able to understand the different laws and standards of cyber security

Score	No of student	Percentage
1.no	2	3.1
2.Maybe	7	10.8
3.Yes	56	86.2
Total	65	100

CO2. Able to understand OWASP methodologies and standards

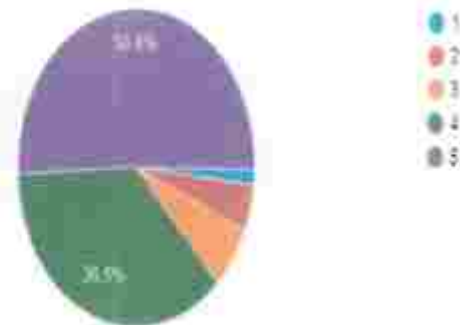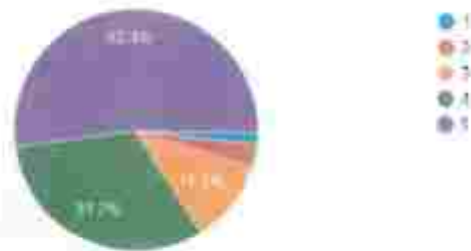| Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	7	10.8
4. Mostly	17	26.2
5.Definitely	40	61.5
Total	65	

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: SAD
SUBJECT I/C: Varalakshmi R

Co 3. Able to identify the vulnerability in the application

Score	No of student	Percentage	
1.can't say	0	0	
2.Hardly	4.6	3	
3.Moderately	10.8	7	
4. Mostly	26.2	17	
5.Definitely	58.5	38	
Total	65		100

Co 4. How well can you perform and demonstrate Threat modeling

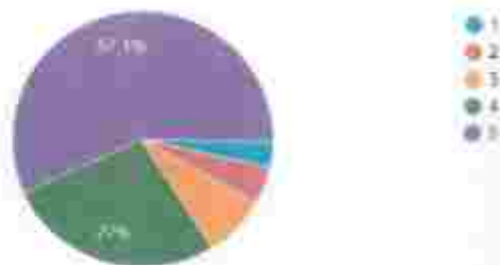| Score	No of student	Percentage	
1.can't say	0	0	
2.Hardly	2	3.1	
3.Moderately	4	6.2	
4. Mostly	17	26.2	
5.Definitely	42	64.8	
Total	65	100	

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: SAD
SUBJECT I/C: varalakshmi R

Co 5. Identify the different types of attack and vulnerability

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	5	7.7
4. Mostly	18	27.7
5.Definitely	45	63.1
Total	65	100
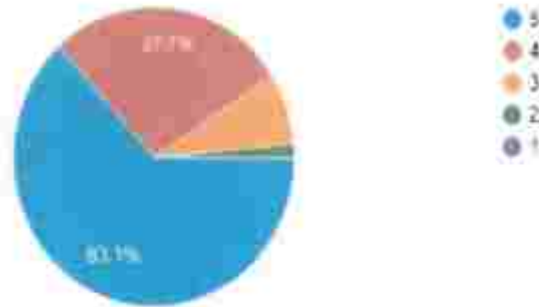
Co 6.Able to brief about cryptography and the different types of cryptography

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	6	9.2
4. Mostly	17	26.2
5.Definitely	40	61.5
Total	64	100

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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Major PROJECT
SUBJECT I/C: KIRTI MHAMUNKAR

Co 1 Identify ,Analyze complex engineering problems based on societal/research needs and apply the knowledge of engineering specialization for providing a solution

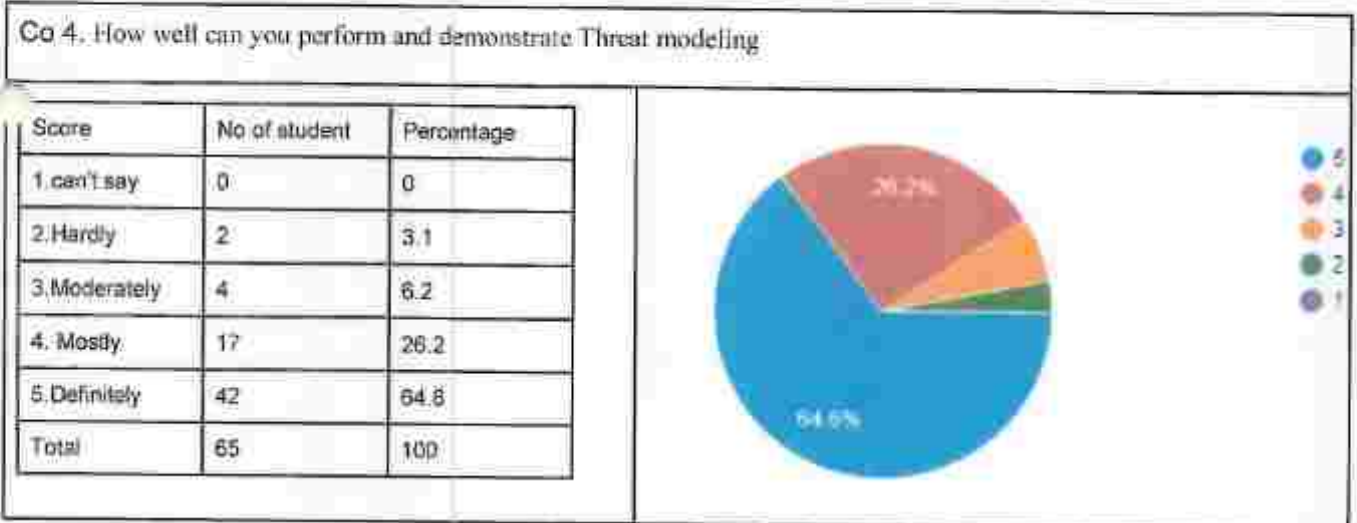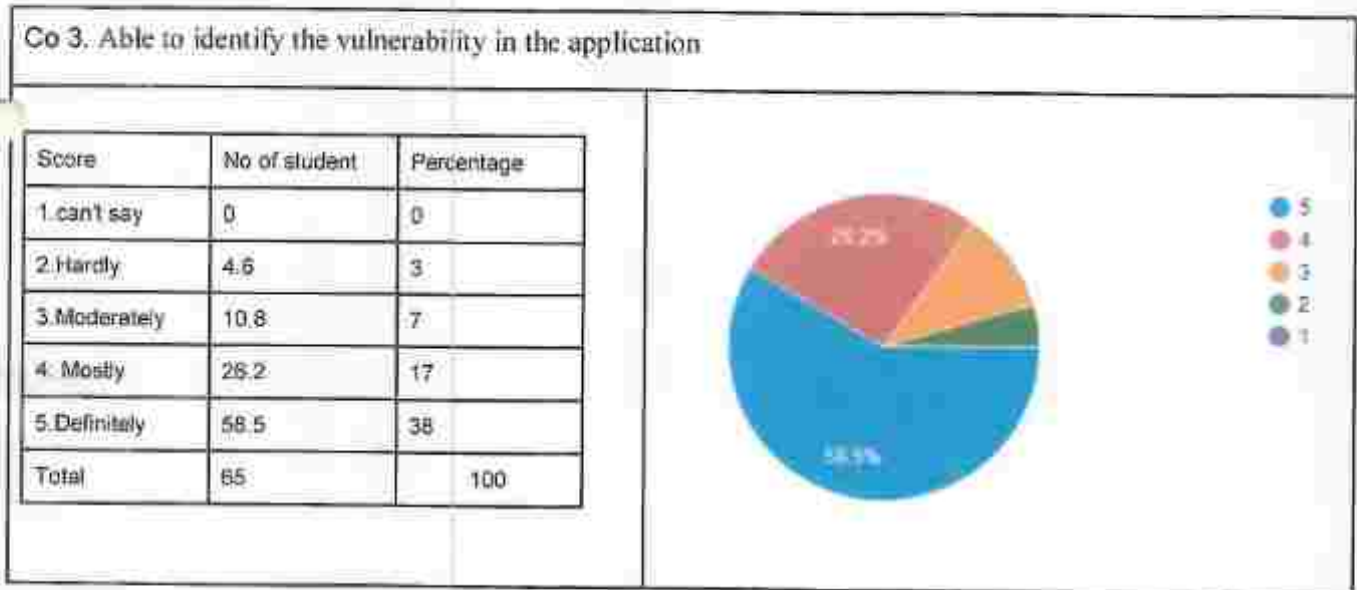| Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	8	12.1
4. Mostly	19	28.8
5 Definitely	37	56.1
Total	66	100

Co2 . Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3
3.Moderately	6	9.1
4. Mostly	21	31.8
5.Definitely	37	56.1
Total	66	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
### Course Exit Analysis Report (SEM VII)
Subject: Major PROJECT
SUBJECT I/C: KIRTI MHAMUNKAR

Co 3 . Critically analyze data through theoretical/experimental/simulations and describe management techniques to analyze the impact of solutions in societal and environmental context for sustainable development

Score	No of student	Percentage
1.can't say		
2.Hardly	1	1.5
3.Moderately	10	15.2
4. Mostly	18	27.3
5.Definitely	37	56.1
Total	66	100
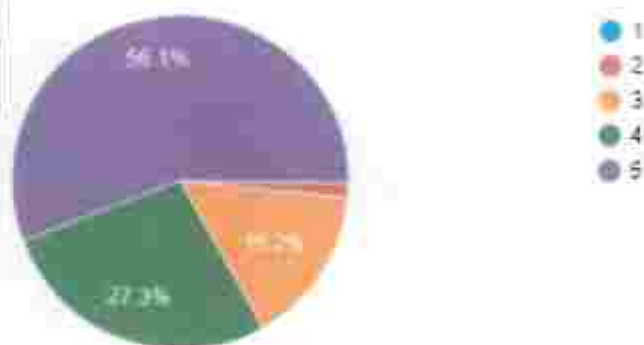
Co 4. Interpret legislation, regulations, codes and use standard norms of engineering practices to identify and understand situations of unethical professional conduct and propose ethical alternatives

Score	No of student	Percentage
1.can't say		
2.Hardly	1	1.5
3.Moderately	8	12.1
4. Mostly	19	28.8
5.Definitely	38	57.6
Total	66	100

Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
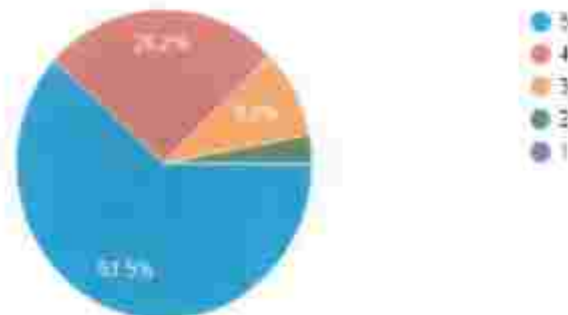**Subject: Major PROJECT**
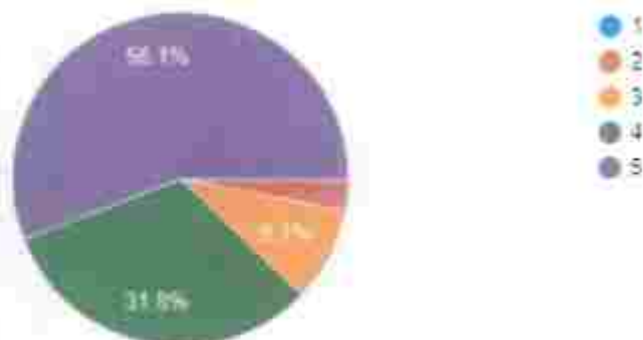**SUBJECT I/C: KIRTI MHAMUNKAR**

Co 5 . Recognize and develop a variety of interpersonal skills to work as member of a group or leader and produce well-constructed written engineering documents for publications and deliver effective oral presentations

Score	No of student	Percentage
1. can't say	1	1.5
2. Hardly	3	4.5
3. Moderately	5	7.6
4. Mostly	18	27.3
5. Definitely	39	59.1
Total	66	100
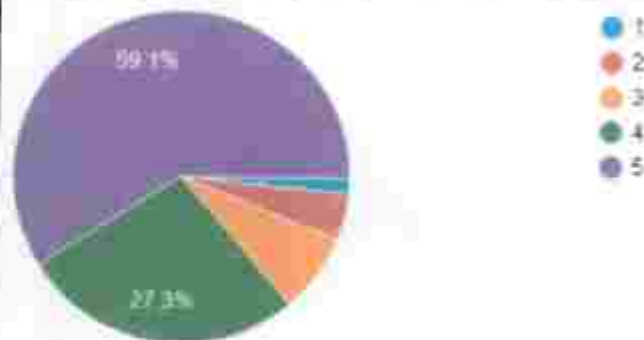
Co 6 . Use project management tools to schedule project work and describe the rationale leading to lifelong learning for continuing professional development

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	8	12.1
4. Mostly	19	28.8
5. Definitely	34	59.1
Total	66	100
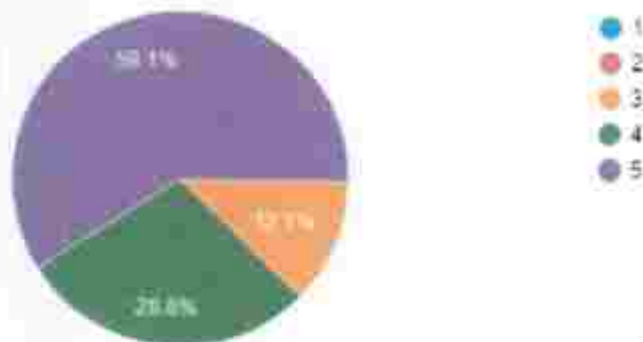
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Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: IRS
SUBJECT I/C: OYENDRILA SAMANTA

CO1. Understood the fundamentals of the information retrieval system.

Score	No of student	Percentage
1.can't say	2	2.94
2.Hardly	0	0
3.Moderately	8	10.29
4. Mostly	17	25.6
5.Definitely	41	61.5
Total	68	100
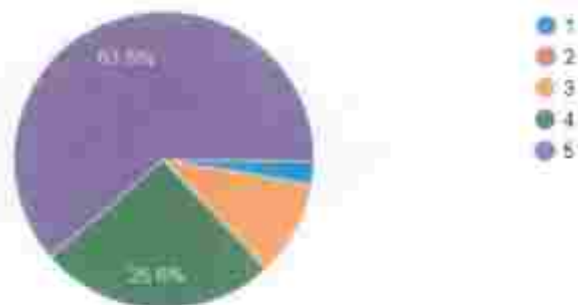
CO2. Able to classify various Information retrieval models.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	6	9
4. Mostly	20	29.5
5.Definitely	40	59
Total	68	100
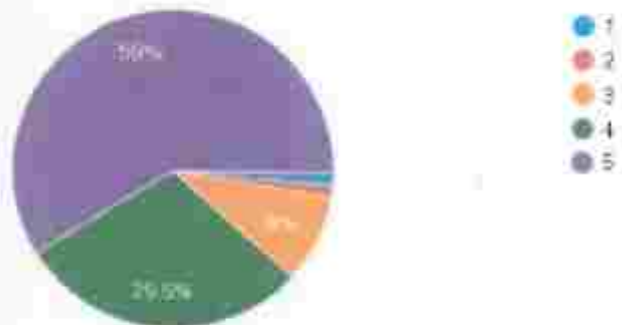
Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: IRS
SUBJECT I/C: OYENDRILA SAMANTA

Co 3. Able to demonstrate the query processing techniques and operations.

Score	No of student	Percentage	
1.can't say	1	1.5	
2.Hardly	0	0	
3.Moderately	7	10.3	
4. Mostly	21	30.8	
5.Definitely	39	57.7	
Total	68		100
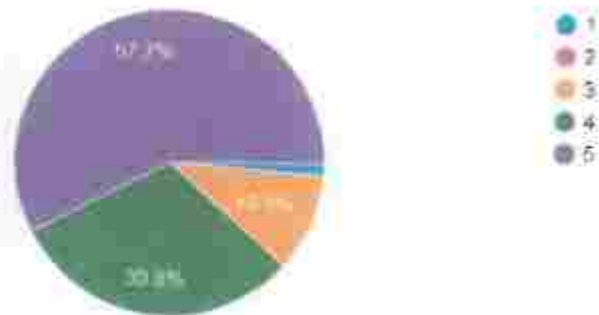
Co 4. Compare the relevance of query languages for text and multimedia data.

Score	No of student	Percentage	
1.can't say	1	1.5	
2.Hardly	0	0	
3.Moderately	8	11.5	
4. Mostly	20	29.5	
5.Definitely	39	57.7	
Total	68	100	
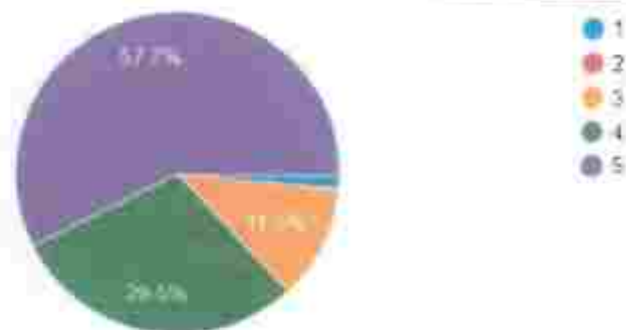
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### Department of Information Technology
Academic Year 2023-24 (ODD SEM)
Course Exit Analysis Report (SEM VII)
### Subject: IRS
SUBJECT I/C: OYENDRILA SAMANTA

Co 5. Evaluate the significance of various indexing and searching techniques for information retrieval.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	6	9
4. Mostly	20	29.5
5.Definitely	40	59
Total	68	100
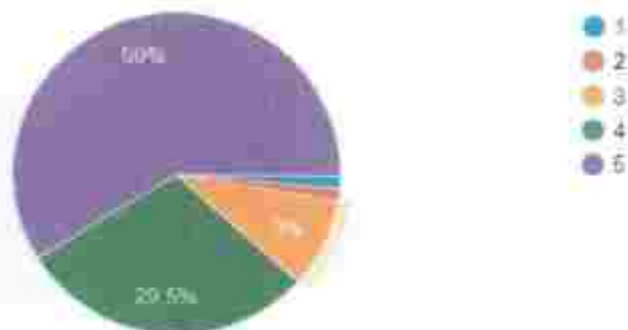
Co 6. To develop an effective user interface for information retrieval.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	7	10.3
4. Mostly	15	23.1
5.Definitely	44	64.1
Total	68	100
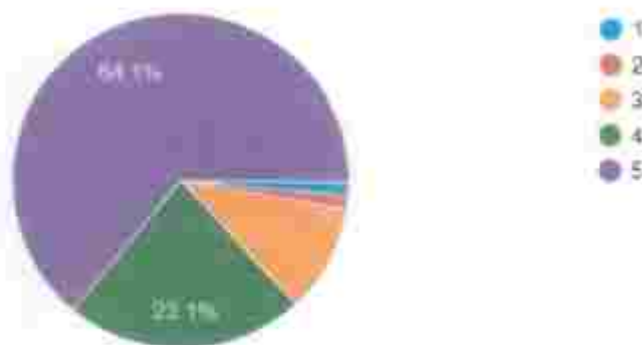
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Department Of Information Technology

Action taken based on feedback from students (CO & PO)

Academic Year 2023-24 ODD

Summary of feedback –Semester VII:

Feedback collected through course exit forms were analyzed and necessary actions which are useful for students were planned and conducted. Abstract of suggestion obtained from the stake holders to enhance the employ ability of the student are discussed below.

- Some more basic concepts should be added in syllabus like programming.
- Need awareness about latest technologies in industries.
- Need video's for better understanding of concepts.
- Need some extra lectures for mathematics problem solving and practice.

Action Taken:

Based on suggestions, various events are organized; Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below.

SR NO.	Subject	Feedback / Suggestions	Action Taken	Date
1		Latest technologies in industries	Workshop On Javascript And Application	
2	IOE	ROLE OF ACTUATORS AND SENSORS IN DIFFERENT IOT BASED APPLICATION.	Provided content on topic IOT Application In Different Field With Its Working And Example.	As per requirement

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Principal
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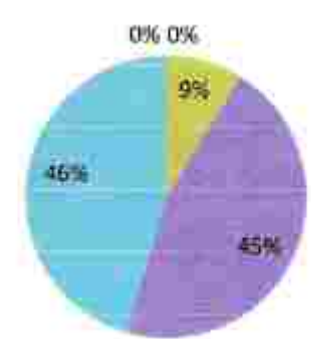
Academic Year 2023-24 (EVEN SEM) Course Exit Analysis Report (SEM IV)
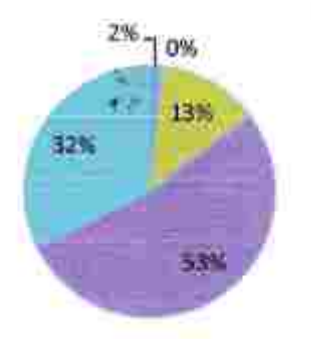
Subject- Engineering Mathematics IV
Subject incharge: Prof. Shubhangi Kadam

CO1- Apply the concepts of eigenvalues and eigenvectors in engineering problems.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	6	9
4-Relevant	31	46
5-Strongly relevant	31	46
Total	68	100

CO2- Use the concepts of Complex Integration for evaluating integrals, computing residues &evaluate various contour integrals.

Score	No. of Students	Percentage
1-Can't say	1	1.470588
2-Least relevant	0	0
3-Moderately relevant	9	13
4-Relevant	36	53
5-Strongly relevant	22	32
Total	68	100

CO3- Apply the concept of Z- transformation and inverse in engineering problems.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	12	18
4-Relevant	31	46
5-Strongly relevant	25	37
Total	68	100
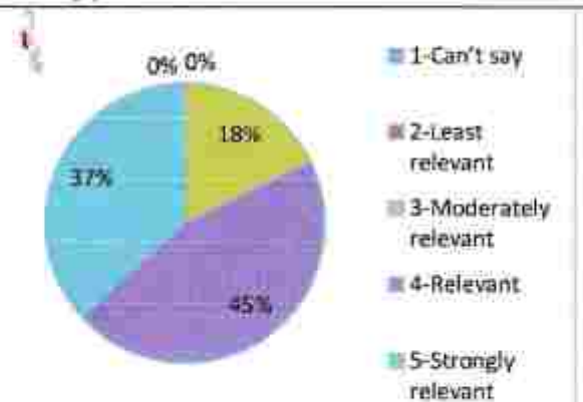
CO4: Use the concept of probability distribution and sampling theory to engineering problems.

Score	No. of Students	Percentage
1-Can't say	1	1.470588
2-Least relevant	0	0
3-Moderately relevant	9	13
4-Relevant	33	49
5-Strongly relevant	25	37
Total	68	
		100
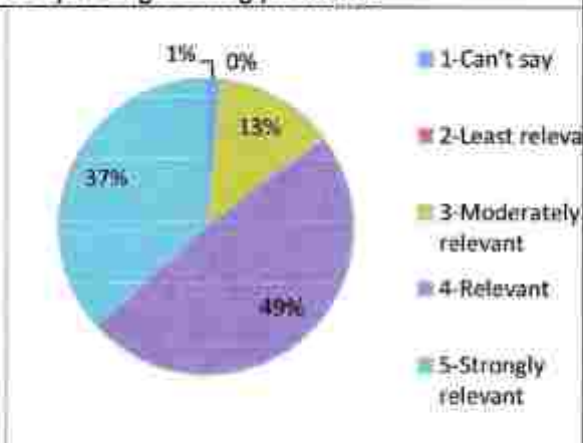
CO5- Apply the concept of Linear Programming Problems to optimization.problems and problems based on volume of solids.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Least relevant	1	1
3-Moderately relevant	5	7
4-Relevant	37	54
5-Strongly relevant	25	37
Total	68	
		100
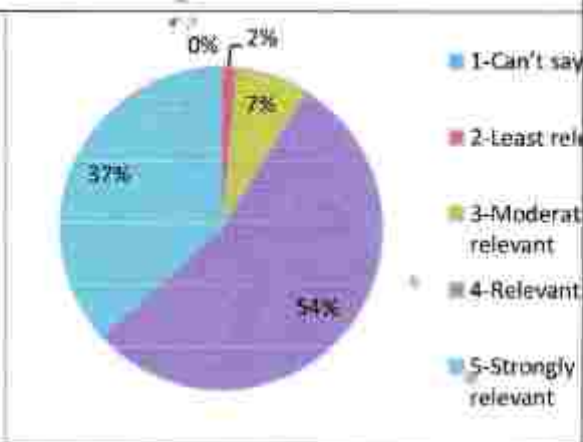
CO6- Solve Non-Linear Programming Problems for optimization of engineering problems.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	10	15
4-Relevant	31	46
5-Strongly relevant	27	40
Total	68	
		100
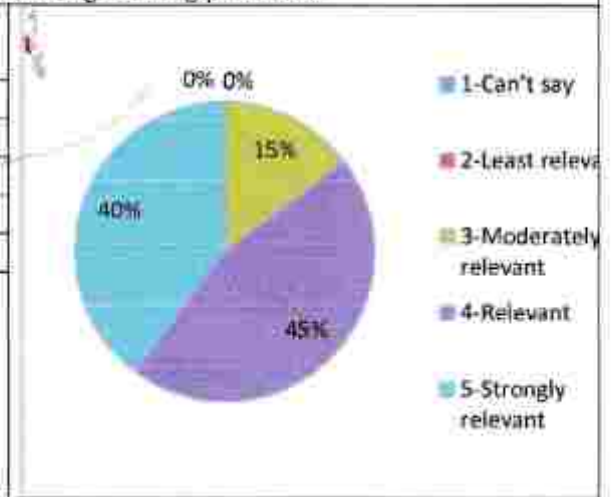
Pie chart legend:
- 1-Can't say
- 2-Least relevant
- 3-Moderately relevant
- 4-Relevant
- 5-Strongly relevant

0% 0%, 15%, 40%, 45%

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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: COA
SUBJECT I/C: Dr. Sheetal Bukkawar

Co 1. After successful completion of the course, are you able to solve problems based on number systems and Boolean equations using different Boolean laws?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	10.9
4. Mostly	29	43.5
5.Definitely	31	45.7
Total	67	100
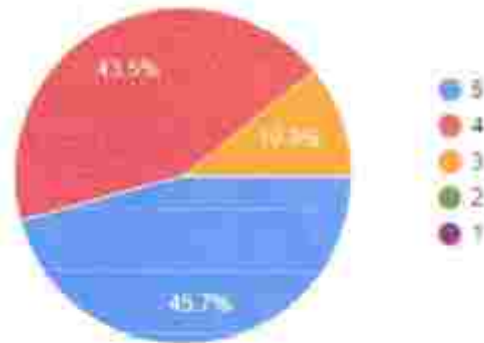
Co2. After successful completion of the course, are you able to implement assembly language programming for 8086 microprocessors?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	10.9
4. Mostly	29	43.5
5.Definitely	31	45.7
Total	67	100
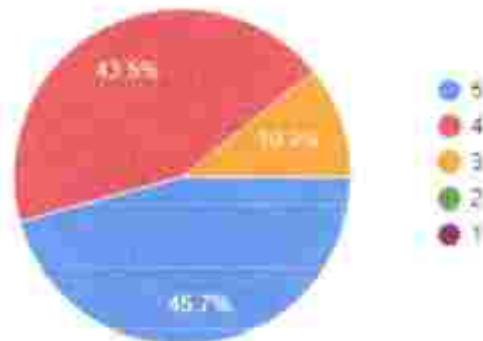
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM III)
Subject: COA
SUBJECT I/C: Dr. Sheetal Bukkawar

Co 3 . After successful completion of the course, are you able to explain the generation of control signals in computer system?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	0.67
3.Moderately	7	9.8
4. Mostly	30	45.7
5.Definitely	29	43.5
Total	67	100
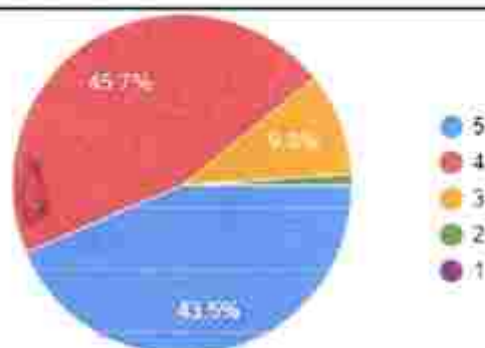
Co 4. After successful completion of the course, are you able to apply arithmetic algorithms and use digital circuits to solve arithmetic problems?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	9	13
4. Mostly	31	46.7
5.Definitely	27	40.2
Total	67	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IIJ)
Subject: COA
**SUBJECT I/C: Dr. Sheetal Bukkawar**

Co 5. After successful completion of the course, are you able to discuss the types and characteristics of memories and fundamentals of Cache memory?

Score	No of student	Percentage
1.can't say	1	0.67
2.Hardly	0	0
3.Moderately	8	13
4. Mostly	28	41.3
5.Definitely	30	44.6
Total	67	100
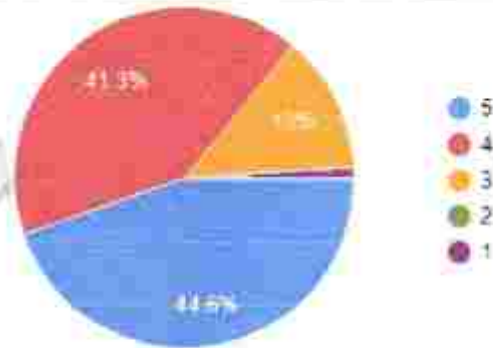
Co 6 . After successful completion of the course, are you able to explain different methods for computer I/O mechanism?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	9.8
4. Mostly	31	45.7
5.Definitely	29	44.6
Total	67	100
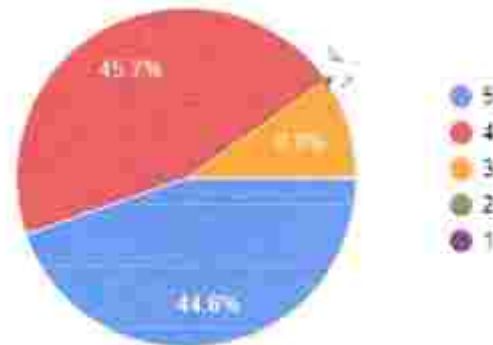
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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
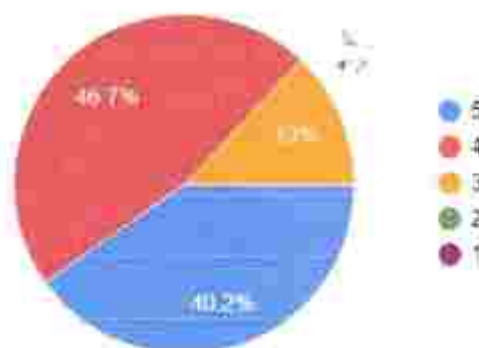**Subject: Operating Systems**
SUBJECT I/C: SUPRIYA KAMBLE

CO 1. Understand the basic concepts related to Operating System

Score	No of student	Percentage
1.can't say	0	0
2. Hardly	1	1.5
3.Moderately	8	11.9
4. Mostly	28	41.8
5.Definitely	30	44.8
Total	67	100
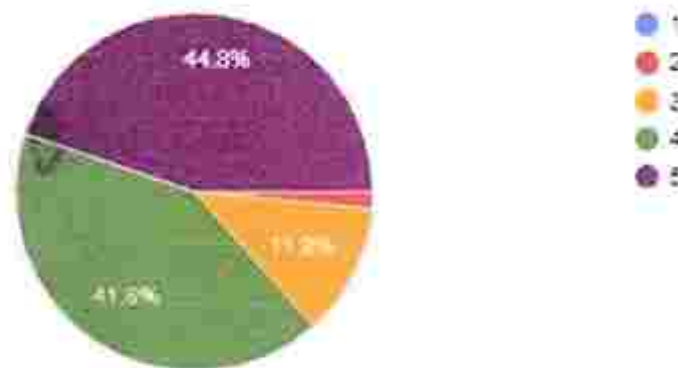
CO2. Describe the process management policies and illustrate scheduling of processes by CPU.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	10	14.9
4. Mostly	29	43.3
5.Definitely	27	40.3
Total	67	100
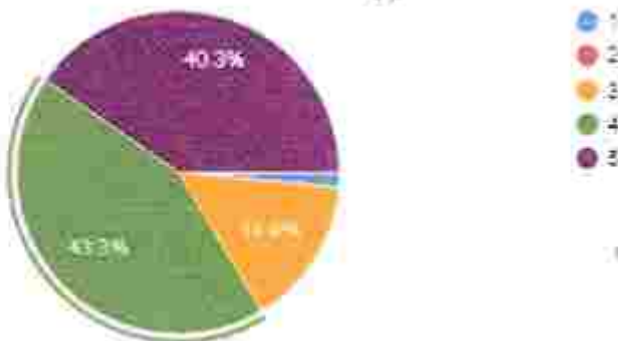
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
**Subject: Operating Systems**
SUBJECT I/C: SUPRIYA KAMBLE

O3. Explain and apply synchronization primitives and evaluate deadlock conditionsas handled by Operating System.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3
3.Moderately	10	14.9
4. Mostly	31	46.3
5.Definitely	24	35.8
Total	67	100
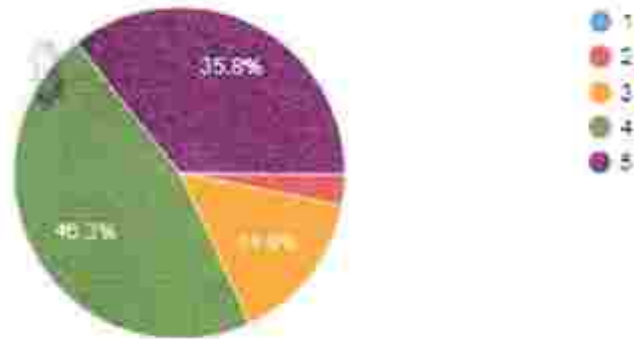
CO4. Describe and analyze the memory allocation and management functions of Operating System.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	10	14.9
4. Mostly	31	46.3
5.Definitely	25	37.3
Total	67	100
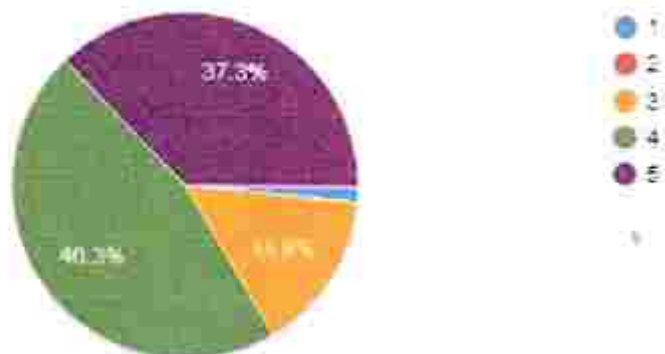
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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Operating Systems
**SUBJECT I/C: SUPRIYA KAMBLE**

O5 Analyze and evaluate the services provided by Operating System for storage management.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	2	3
3.Moderately	9	13.4
4. Mostly	30	44.8
5.Definitely	25	37.3
Total	67	100
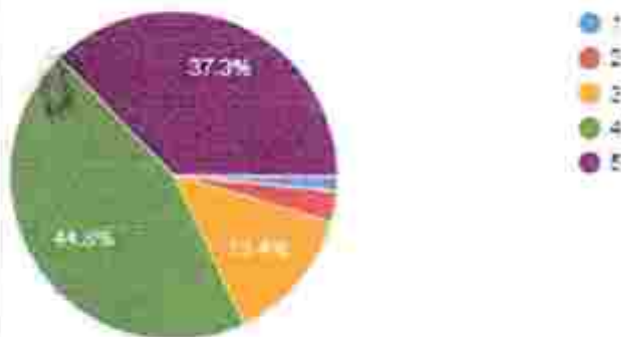
CO6. Compare the functions of various special-purpose Operating Systems.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	3	4.5
3.Moderately	10	14.9
4. Mostly	27	40.3
5.Definitely	27	40.3
Total	67	100
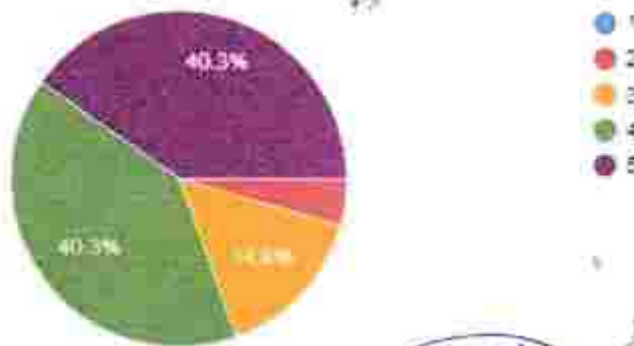
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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Automata Theory
SUBJECT I/C: MAAHI K.

CO 1. Understand Automata Theory with its fundamentals like alphabets, language and the concept of Regular Language, Regular Expression?

Score	No of student	Percentage
1.can't say	2	3
2. Hardly	1	1.5
3.Moderately	5	7.6
4. Mostly	28	42.4
5.Definitely	30	45.5
Total	66	100
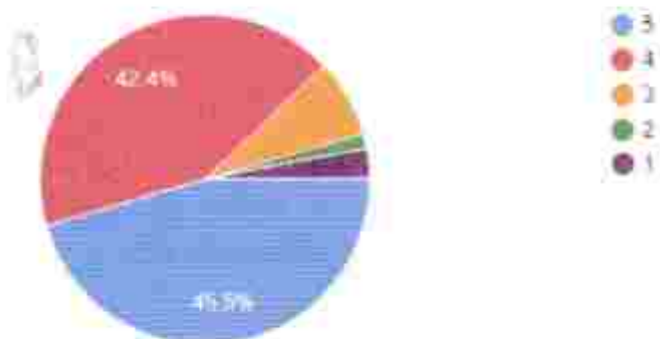
CO2. Design and Apply different types of Finite Automata and Machines as Acceptor, Verifier and Translator such as DFA, NFA, Moore & Mealy Machine, their conversion.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	9	13.6
4. Mostly	35	53
5.Definitely	21	31.8
Total	66	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
**Subject: Automata Theory**
SUBJECT I/C: MAAHI K.

CO3 Analyze and design Grammar for Regular Languages and Context Free languages. Normalize Context Free Grammar into Chomsky Normal Form (CNF).

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	0	0
3.Moderately	5	7.6
4. Mostly	38	57.6
5.Definitely	22	33.3
Total	66	100
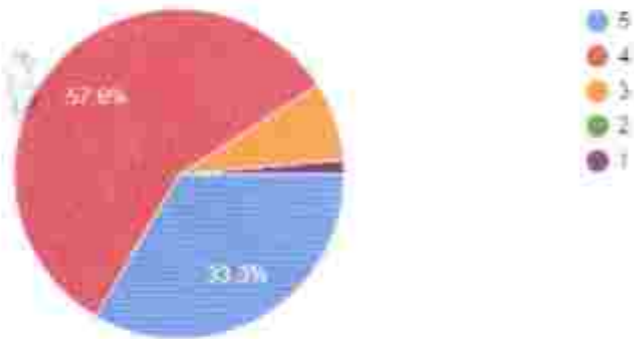
CO4. Understand limitation of Finite Automata and difference between FA & Pushdown Automata (PDA). Design different types of PDA as Simple Parser.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	4	6.1
3.Moderately	8	12.1
4. Mostly	29	43.9
5.Definitely	25	37.9
Total	66	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Automata theory
SUBJECT I/C: MAAHI K.

CO5. Understand limitation of PDA and difference between FA, PDA & Turing Machine (TM). Design different types of Turing Machines as Acceptor, Verifier, Translator and Basic computing machine

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	2	3
3.Moderately	8	12.1
4. Mostly	28	42.4
5.Definitely	27	40.9
Total	66	100
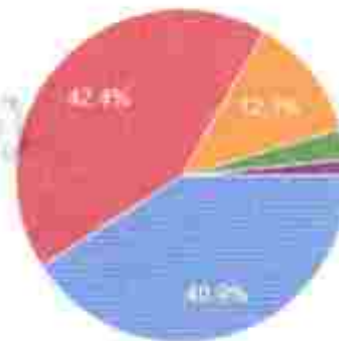
CO6: Understand applications of various Automata such as FA, Moore & Mealy Machine, PDA, & TM. Investigate and Develop applications of various Automata by designing functions for it

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	3	4.5
3.Moderately	9	13.6
4. Mostly	28	42.4
5.Definitely	26	39.4
Total	66	100

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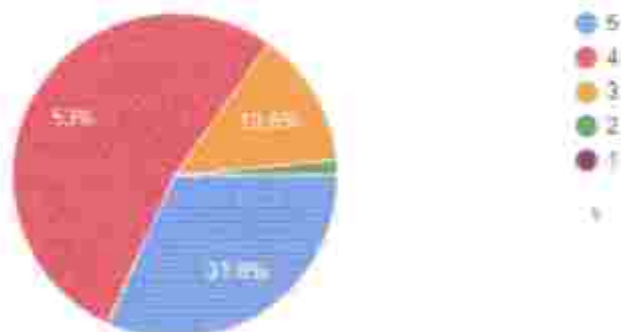Kharghar, Navi Mumbai - 410 210.

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Microprocessor Lab
SUBJECT I/C: Dr. Sheetal Bukkawar

Co 1. After successful completion of the lab course, will you be able to demonstrate components and peripherals of computer system?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	9.8
4. Mostly	31	46.3
5.Definitely	29	43.9
Total	67	100

Co2 . After successful completion of the course, are you able to design combinational circuits?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	11
4. Mostly	33	48.8
5.Definitely	27	40.2
Total	67	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM III)
Subject: Microprocessor Lab
SUBJECT I/C: Dr. Sheetal Bukkawar

Co 3 . After successful completion of the lab course, are you able to use arithmetic and logical instructions of 8086 microprocessor to write and execute the programs?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	0.67
3.Moderately	7	11
4. Mostly	30	46.3
5.Definitely	27	41.5
Total	67	100

Co 4. After successful completion of the lab course, are you able to write and execute assembly language programs using loop instructions of 8086 ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	11
4. Mostly	33	47.6
5.Definitely	27	41.6
Total	67	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM III)
Subject: Microprocessor Lab
SUBJECT I/C: Dr. Sheetal Bukkawar

Co 5. After successful completion of the lab course, are you able to write programs based on strings and procedure for 8086 microprocessor?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	0.67
3.Moderately	6	8.5
4. Mostly	29	43.9
5.Definitely	31	46.3
Total	67	100
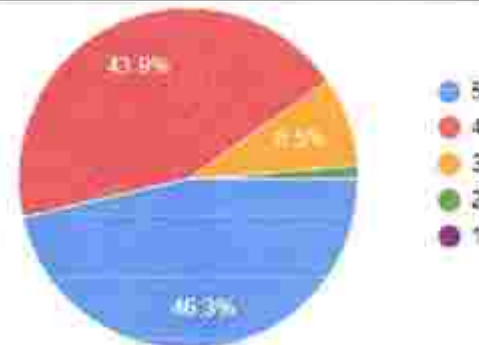
Co 6 . After successful completion of the lab course, are you able to explain the interfacing of peripheral devices with 8086 microprocessor?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	6	8.5
4. Mostly	31	47.3
5.Definitely	29	43.9
Total	67	100
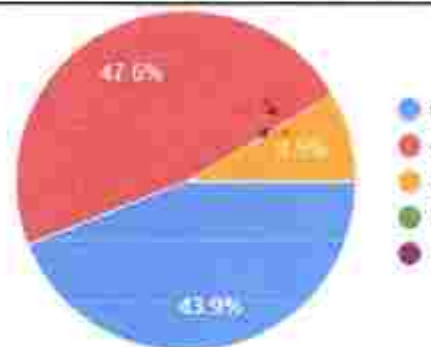
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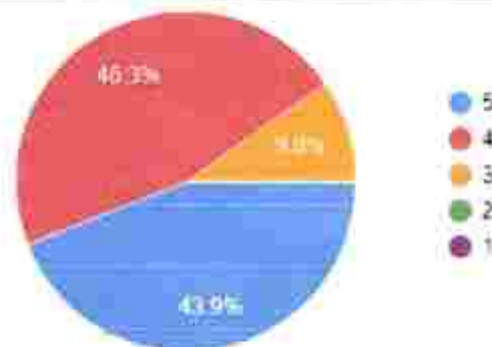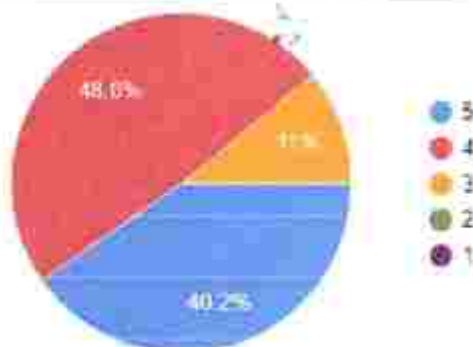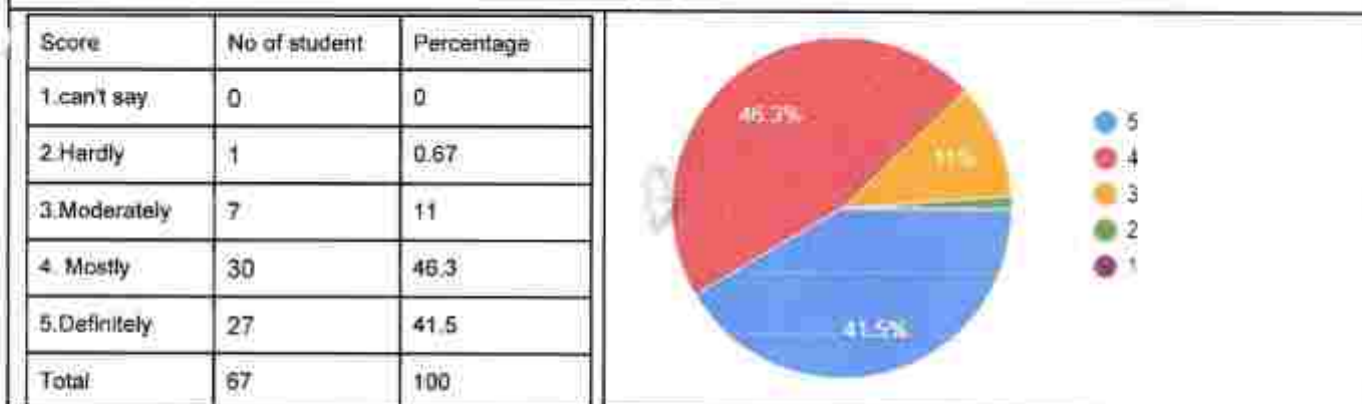# SARASWATI College of Engineering

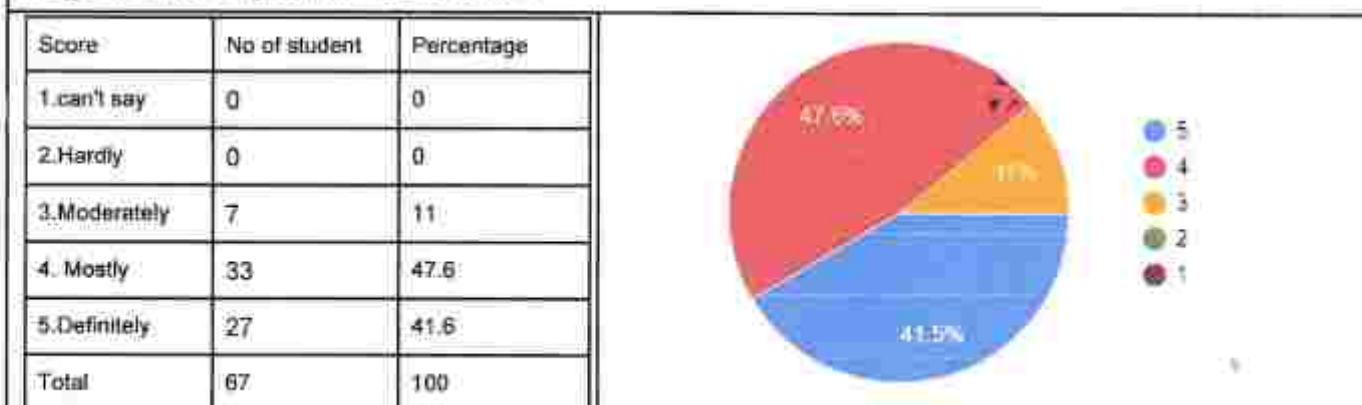Learn Live Achieve and Contribute

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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: UNIX lab
SUBJECT I/C: KIRTI MHAMUNKAR

1. Understand the architecture and functioning of Unix.

Score	No of student	Percentage
1.can't say	2	3.4
2.Hardly	0	0
3.Moderately	9	13.9
4. Mostly	33	49.3
5.Definitely	23	34.3
Total	67	100

Co2 . Able to identify the Unix general Purpose commands.

Score	No of student	Percentage
1.can't say	2	3.4
2.Hardly	1	1.5
3.Moderately	9	13.4
4. Mostly	29	43.3
5.Definitely	20	38.8
Total	67	100
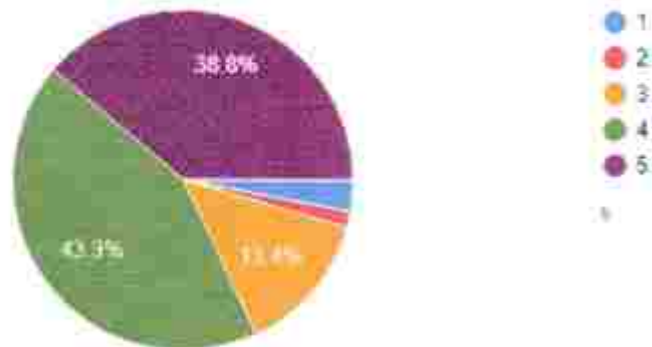
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
**Subject: UNIX lab**
SUBJECT I/C: KIRTI MHAMUNKAR

Co 3 . Able to Apply Unix command for system administrative tasks such as fie system management and user management.

Score	No of student	Percentage
1.can't say	2	3.4
2.Hardly	1	1.5
3.Moderately	9	13.4
4. Mostly	30	44.8
5.Definitely	25	37.3
Total	67	100
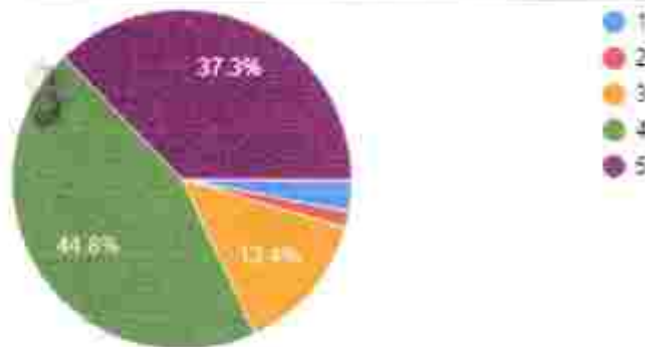
Co 4 Are you able to execute Unix command for system administrative tasks such as process management and memory management.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	9	13.4
4. Mostly	35	52.2
5.Definitely	21	31.3
Total	67	100
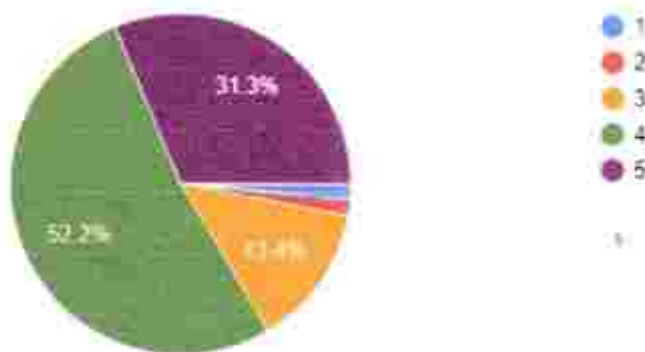
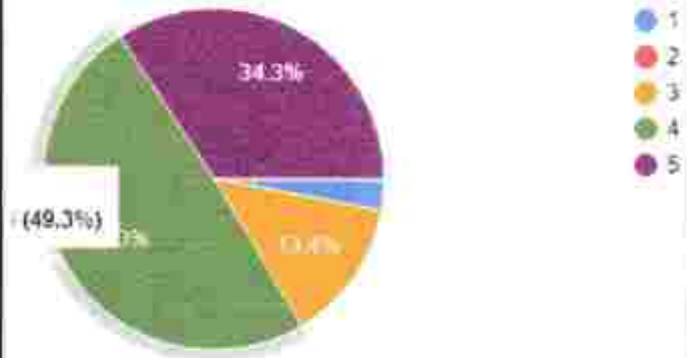# SARASWATI College of Engineering

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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: UNIX lab
**SUBJECT I/C: KIRTI MHAMUNKAR**

Co 5 Are you able to implement basic shell scripts for different applications.

Score	No of student	Percentage
1.can't say	2	3.4
2.Hardly	1	1.5
3.Moderately	8	11.9
4. Mostly	37	55.2
5.Definitely	19	28.4
Total	67	100
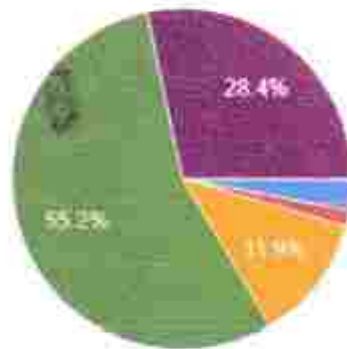
Co 6 . Implement advanced scripts using awk languages and grep commands for performing various tasks.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	9	13.4
4. Mostly	30	44.8
5.Definitely	26	38.8
Total	67	100
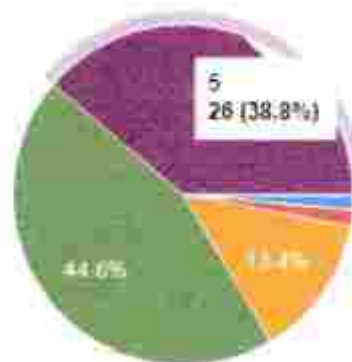
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Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

Subject: NETWORK LAB

Subject I/C: PROF.SAKSHI PANCHALE

Co 1. Understand ,Execute and evaluate network administration commands and demonstrate their use in different network scenarios		
SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say	1	1.5
2.Least Relevant	0	0
3.Moderately Relevant	13	19.4
4.Relevant	27	40.3
5.Strongly Relevant	26	38.8
TOTAL	67	100

CO2. Understand , install and configure network simulator and learn basics of TCL scripting.		
SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say	1	1.5
2.Least Relevant	2	3
3.Moderately Relevant	9	13.4
4.Relevant	27	40.3
5.Strongly Relevant	28	41.8
TOTAL	67	100

Department of Information Technology

Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

Subject: NETWORK LAB

Subject I/C: PROF.SAKSHI PANCHALE

CO3. Understand the network simulator environment and visualize a network topology and observe its performance			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say	1	1.5	
2.Least Relevant	1	1.5	
3.Moderately Relevant	10	14.9	
4.Relevant	34	50.7	
5.Strongly Relevant	21	31.3	
TOTAL	67	100	

CO4.To implement client-server socket programs.			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say	0	0	
2.Least Relevant	1	1.5	
3.Moderately Relevant	14	20.9	
4.Relevant	25	37.3	
5.Strongly Relevant	27	40.3	
TOTAL	67	100	

Department of Information Technology

Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

Subject: NETWORK LAB

Subject I/C: PROF.SAKSHI PANCHALE

CO5. Understand, observe and study the traffic flow and the contents of protocol frames.			
SCORE	NO. OF STUDENTS	PERCENTAGE	CO5. Understand, observe and study the traffic flow and the contents of protocol frames.
1.Can't Say	0	0	
2.Least Relevant	2	3	
3.Moderately Relevant	11	16.4	
4.Relevant	30	44.8	
5.Strongly Relevant	24	35.8	
TOTAL	67	100	

CO6.To design and configure a network for an organization			
SCORE	NO. OF STUDENTS	PERCENTAGE	CO6. To design and configure a network for an organization
1.Can't Say	1	1.5	
2.Least Relevant	0	0	
3.Moderately Relevant	11	16.4	
4.Relevant	30	44.8	
5.Strongly Relevant	25	37.3	
TOTAL	67	100	

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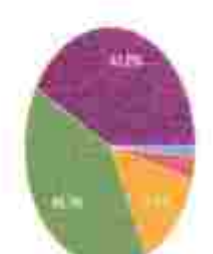## NAAC A+ Accredited

Department of Information Technology

Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

Subject: COMPUTER NETWORK AND NETWORK DESIGN

Subject I/C: PROF.SAKSHI PANCHALE

CO1- Understand the division of network functionalities into layers		
SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say	0	0
2.Least Relevant	1	1.5
3.Moderately Relevant	10	15.2
4.Relevant	27	40.9
5.Strongly Relevant	28	42.4
TOTAL	66	100

CO2-Understand the types of transmission media along with data link layer concepts, design issues and protocols		
SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say		
2.Least Relevant	1	1.5
3.Moderately Relevant	10	15.2
4.Relevant	32	48.5
5.Strongly Relevant	23	34.8
TOTAL	66	100

Department of Information Technology

Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

Subject: COMPUTER NETWORK AND NETWORK DESIGN

Subject I/C: PROF.SAKSHI PANCHALE

CO3- Understanding and Analyze the strength and weaknesses of routing protocols and gain knowledge about IP addressing			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say	1	1.5	
2.Least Relevant	0	0	
3.Moderately Relevant	9	13.6	
4.Relevant	29	43.9	
5.Strongly Relevant	27	40.9	
TOTAL	66	100	

CO4-Understanding the data transportation, issues and related protocols for end to end delivery of data.			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say	0	0	
2.Least Relevant	3	4.5	
3.Moderately Relevant	7	10.6	
4.Relevant	30	45.5	
5.Strongly Relevant	26	39.4	
TOTAL	66	100	

Department of Information Technology

Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

Subject: COMPUTER NETWORK AND NETWORK DESIGN

Subject I/C: PROF.SAKSHI PANCHALE

CO5- Understand the data presentation techniques used in presentation layer & client/server model in application layer protocol			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say	0	0	
2.Least Relevant	1	1.5	
3.Moderately Relevant	9	13.6	
4.Relevant	26	39.4	
5.Strongly Relevant	30	45.5	
TOTAL	66	100	

CO6-Understanding a network for an organization using networking concepts			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say			
2.Least Relevant	1	1.5	
3.Moderately Relevant	10	15.2	
4.Relevant	26	39.4	
5.Strongly Relevant	29	43.9	
TOTAL	66	100	

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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: MINI- PROJECT
SUBJECT I/C: SUPRIYA KAMBLE

CO.1. Identify ,Analyze complex engineering problems based on societal/research needs and apply the knowledge of engineering specialization for providing a solution

Score	No of student	Percentage
1.can't say	0	0
2. Hardly	1	1.5
3.Moderately	13	19.4
4. Mostly	34	50.7
5.Definitely	19	28.4
Total	67	100
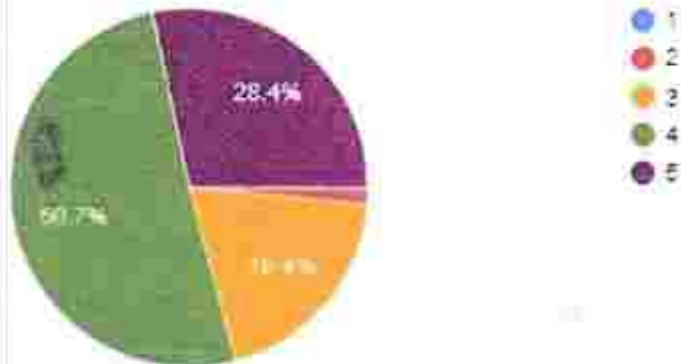
CO2. Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3
3.Moderately	18	26.9
4. Mostly	24	35.8
5.Definitely	23	34.4
Total	67	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: MINI- PROJECT
SUBJECT I/C: SUPRIYA KAMBLE

CO3. Critically analyze data through theoretical/experimental/simulations and describe management techniques to analyze the impact of solutions in societal and environmental context for sustainable development.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	2	3
3.Moderately	9	13.4
4. Mostly	32	47.8
5.Definitely	23	34.4
Total	67	100
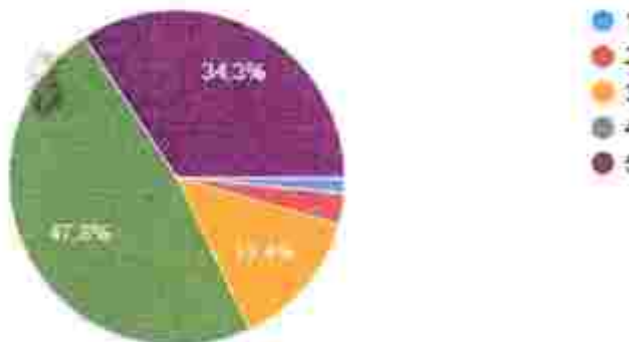
CO4. Interpret legislation, regulations, codes and use standard norms of engineering practices to identify and understand situations of unethical professional conduct and propose ethical Iternatives.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	13	19.4
4. Mostly	26	38.8
5.Definitely	26	38.8
Total	67	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: MINI- PROJECT
SUBJECT I/C: SUPRIYA KAMBLE

CO5. Recognize and develop a variety of interpersonal skills to work as member of a group or leader and produce well-constructed written engineering documents for publications and deliver effective oral presentations.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	10	14.9
4. Mostly	33	49.3
5.Definitely	22	32.8
Total	67	100
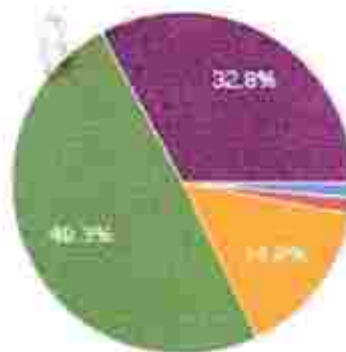
CO6. Use project management tools to schedule project work and describe the rationale leading to lifelong learning for continuing professional development

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.5
3.Moderately	9	13.4
4. Mostly	34	50.7
5.Definitely	23	34.3
Total	67	100
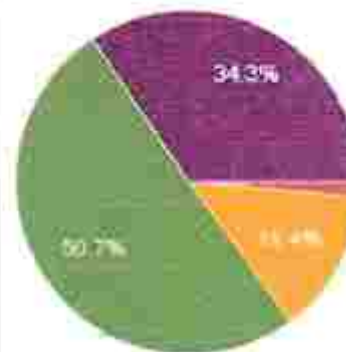
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Action taken based on feedback from students (CO & PO)
Academic year 2023-24 EVEN SEM

Summary of feedback -Semester IV:

Feedbacks collected through course exit forms were analyzed and necessary actions which are useful for students were planned and conducted. Abstract of suggestions obtained from the stake holders to enhance the employability of the student are discussed below.

- Some more basic concepts should be added in syllabus like programming.
- Need awareness about latest technologies in industries.
- Need video's for better understanding of concepts.
- Need some extra lectures for mathematics problem solving and practice.

Action Taken:

Based on suggestions, various events are organized, Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below .

Sr No.	Feedback / Suggestions	Action taken	Date
1	Students are expecting the Problem based Questions to be included in the syllabus. More Numericals are Required to be solved	Numerical based on Scheduling Algorithm. https://youtu.be/YzBBJYfwd https://drive.google.com/file/d/12phuJCM6sr yEMWSNvz86vBZeS9dJamBT/view?usp=d rive_web&authuser=0 https://drive.google.com/file/d/1FTYNd9aG hEZGx9sZ2Y03flw98SoLCoSs/view?usp=d rive_web&authuser=0	As Required
2	More practice problems for AM IV	Extra classes were taken for AM IV	As Required

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DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-24(EVEN SEM)
COURS EXIT ANLYSIS REPORT (VI SEM)
SUBJECT : AIDS 1
SUBJECT I/C : KIRTI M.

## 1.Understand and simulation the different AI techniques

score	no of student	Percentage
1-cants say	2	3.2
2 Hardly	4	6.3
3-moderate	6	9.5
4-mostly	25	39.7
5 Definitely	26	41.3
total	63	100
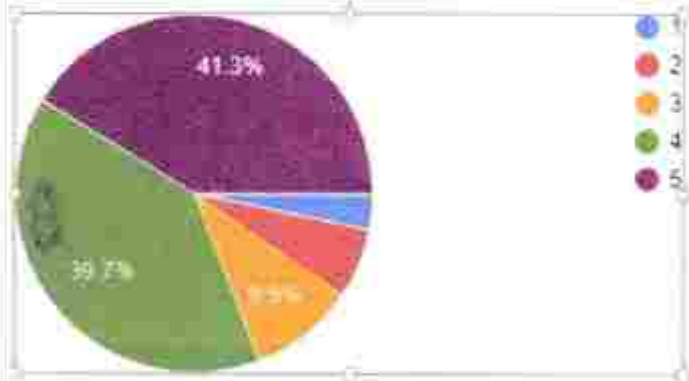
2.Understand the basic concept of PEAS representation for an Agent

score	no of student	Percentage
1-cants say	2	3.2
2 Hardly	4	6.3
3-moderate	9	14.3
4-mostly	24	38.1
5 Definitely	24	38.1
total	63	100
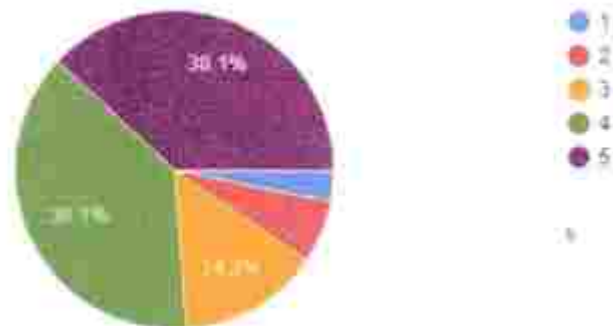
DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-24(EVEN SEM)
COURS EXIT ANLYSIS REPORT (VI SEM)
SUBJECT : AIDS 1
SUBJECT I/C : KIRTI M.

3.Understand and learn the concept Uninformed Search Techniques

score	no of student	Percentage
1-cants say	2	3.2
2 Hardly	3	4.8
3-moderate	11	17.5
4-mostly	21	33.3
5 Definitely	26	41.3
total	63	100
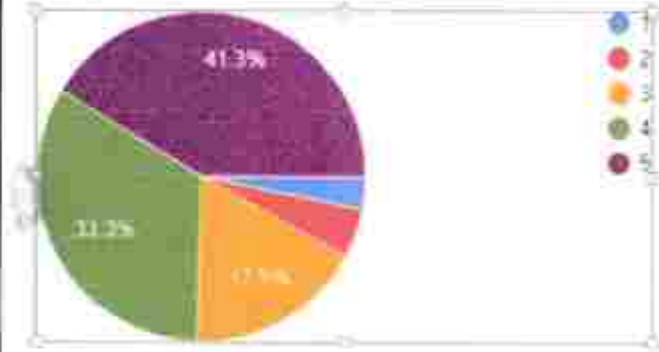
4.Understand the different Knowledge Based Agent

score	no of student	Percentage
1-cants say	2	3.2
2 Hardly	3	4.8
3-moderate	9	14.3
4-mostly	22	34.9
5 Definitely	27	42.9
total	63	100
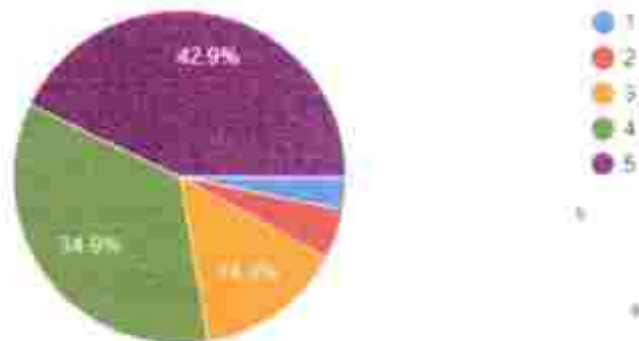
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DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-24(EVEN SEM)
COURS EXIT ANLYSIS REPORT (VI SEM)
SUBJECT : AIDS 1
SUBJECT I/C : KIRTI M.

5.Understand the concept of Data Science

score	no of student	Percentage
1-cants say	2	3.2
2 Hardly	3	4.8
3-moderate	8	12.2
4-mostly	24	38.1
5 Definitely	26	41.3
total	63	100
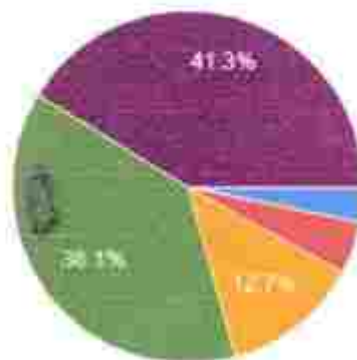
6.Understand the types of Machine Learning

score	no of student	Percentage
1-cants say	2	3.2
2 Hardly	3	4.8
3-moderate	9	14.3
4-mostly	23	36.5
5 Definitely	26	41.3
total	63	100
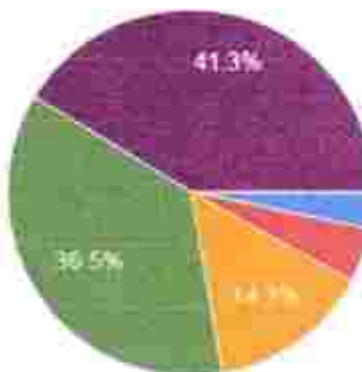
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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: WEB X.0
SUBJECT I/C: KIRTI PAWAR

Co 1. Understand the basic concepts related to web analytics and semantic web.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	4	6.2
3.Moderately	7	10.8
4. Mostly	25	38.5
5.Definitely	27	41.5
Total	65	100
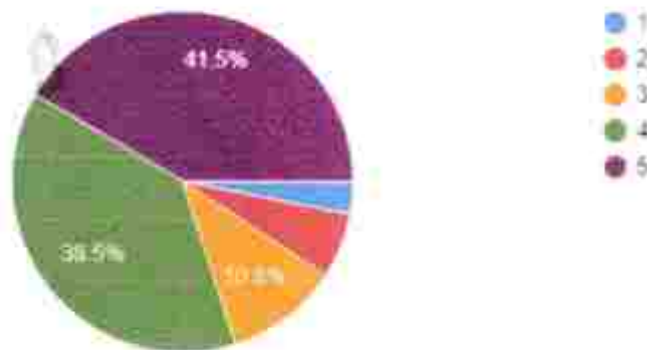
o2 . Understand how TypeScript can help you eliminate bugs in your code and enable you to scale your code.

Score	No of student	Percentage
1.can't say	3	4.6
2.Hardly	2	3.4
3.Moderately	11	16.9
4. Mostly	26	40
5.Definitely	23	35.4
Total	65	100
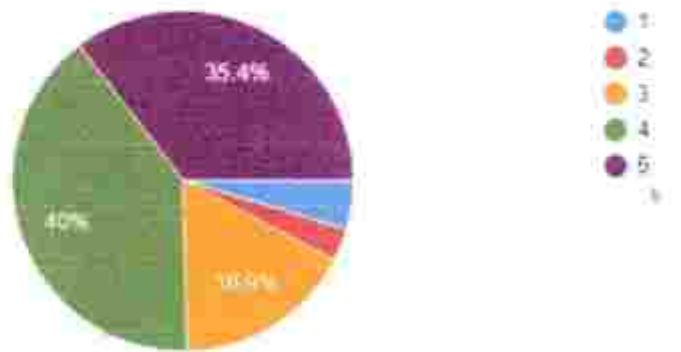
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
**Subject: WEB X.0**
SUBJECT I/C: KIRTI PAWAR

Co 3 . Understand AngularJS framework and build dynamic, responsive single-page web applications.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	3	4.6
3.Moderately	10	15.4
4. Mostly	26	40
5.Definitely	24	36.9
Total	65	100
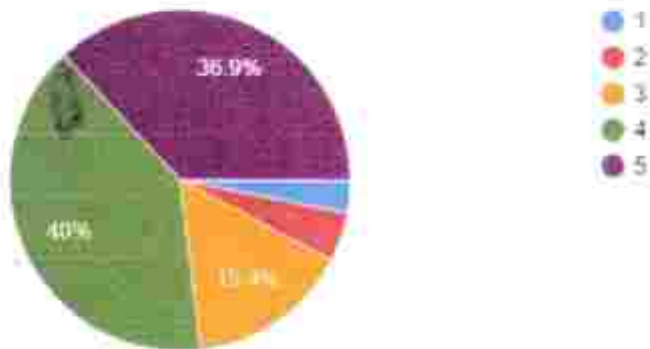
Co 4. Apply MongoDB for frontend and backend connectivity using REST API.

Score	No of student	Percentage
1.can't say	3	4.6
2.Hardly	3	4.6
3.Moderately	9	13.8
4. Mostly	20	30.8
5.Definitely	30	46.2
Total	65	100
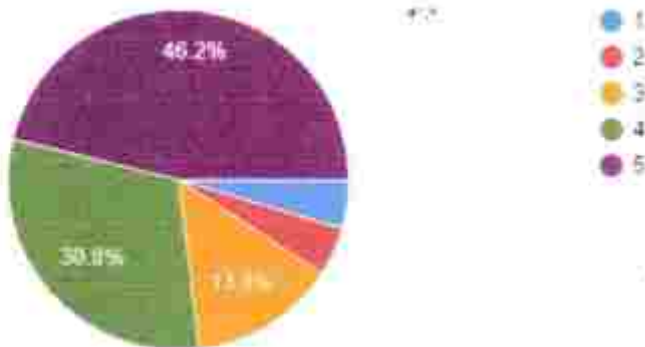
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: WEB X.0
SUBJECT I/C: KIRTI PAWAR

Co 5 . Apply Flask web development framework to build web applications with less code.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	3	4.6
3.Moderately	12	18.5
4. Mostly	23	35.4
5.Definitely	25	38.5
Total	65	100

Co 6 . Develop Rich Internet Application using proper choice of Framework.

Score	No of student	Percentage
1.can't say	2	3.1
2.Hardly	3	4.6
3.Moderately	10	15.4
4. Mostly	22	33.8
5.Definitely	28	43.1
Total	65	100
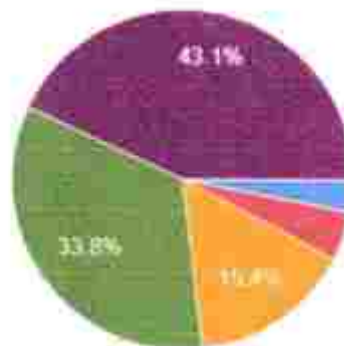
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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2023-24(EVEN SEM)

Course Exit Analysis Report (Sem VI)

Subject: DATA MINING AND BUSINESS INTELLIGENCE

Subject In-charge: Prof.Varalakshmi R

CO1: How well have you understood the process of KDD?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	11	16.40%
4	24	35.80%
5	32	47.80%
	67	

How well you have understood KDD process?

67 responses

CO2 : Understand and explore the concept of preprocessing

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	8	11.90%
4	31	46.3%%
5	28	41.80%
	67	

2.Understand and explore the concept of preprocessing

67 responses

DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2023-24(EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: DATA MINING AND BUSINESS INTELLIGENCE
Subject In-charge: Prof.Varalakshmi R

CO3: Understand and classify the tuple using Naive Bayes classifier

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	11	16.40%
4	25	37.30%
5	31	46.30%
	67	

3.Understand and classify the tuple using Naive Bayes classifier
67 responses
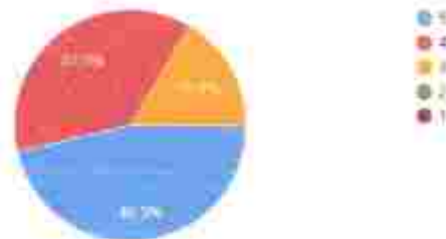
CO 4: Understand explore and analyse the concept of clustering and Algorithm

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	9	13.40%
4	30	44.80%
5	28	41.80%
	67	

4.Understand explore and analyse the concept of clustering and algorithm
67 responses

DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2023-24(EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: DATA MINING AND BUSINESS INTELLIGENCE
Subject In-charge: Prof.Varalakshmi R

CO5:Understand how to find the frequent itemset using Apriori Algorithm

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	0	0
4	1	1.50%
5	66	98.50%
	67	
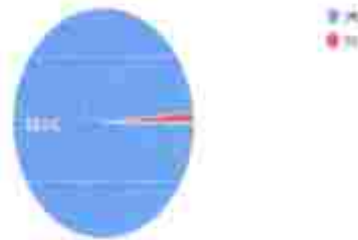
CO 6: Understand the concept of BI ?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	1	1.50%
3	8	11.90%
4	27	40.30%
5	31	46.30%
	67	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN AIML

ACADEMIC YEAR 2022-23

Course Exit Analysis Report (SEM VI)

Course- WT

Course Incharge -Dr.Chanchal Sharma

CO1: Are you able to understand various digital modulation technique			
Score	No. of Students	Percentage	
1-Can't say	3	6	
2-Hardly	2	8	
3-Moderately	7	10	
4-Mostly	32	44	
5-Definitely	22	32	
Total	66	100	

CO2: Are you able to understand various digital modulation technique			
Score	No. of Students	Percentage	
1-Can't say	1	1	
2-Hardly	3	4	
3-Moderately	8	11	
4-Mostly	17	27	
5-Definitely	37	57	
Total	66	100	

1

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN AIML

ACADEMIC YEAR 2022-23

Course Exit Analysis Report (SEM VI)

CO3: Are you able to analyze the principal of cellular communication.

Score	No. of Students	Percentage
1-Can't say	2	4
2-Hardly	2	5
3-Moderately	10	15
4-Mostly	12	19
5-Definitely	40	56
Total	66	100

CO4: Are you able to understand security architecture of GSM,UMTS,LTE

Score	No. of Students	Percentage
1-Can't say	1	4
2-Hardly	2	4
3-Moderately	12	19
4-Mostly	11	18
5-Definitely	40	55
Total	66	100

2

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN AIML

ACADEMIC YEAR 2022-23

Course Exit Analysis Report (SEM VI)

CO5: Are you able to understand tools like Bluetooth ,zigbee,WSN,and mobile Adhoc networks

Score	No. of Students	Percentage
1-Can't say	1	1
2-Hardly	2	3
3-Moderately	10	14
4-Mostly	20	27
5-Definitely	33	55
Total	66	100

CO6 : Are you able to understand Generate project schedule and can construct, design and develop network diagram for different type of Projects.

Score	No. of Students	Percentage
1-Can't say	1	1
2-Hardly	2	3
3-Moderately	8	12
4-Mostly	20	27
5-Definitely	35	56
Total	66	100

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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Ethical Hacking & Forensics
**SUBJECT I/C: OYENDRILA SAMANTA**

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1. Define the concept of ethical hacking.

Score	No of student	Percentage
1.can't say	3	4.6%
2.Hardly	2	3.1%
3.Moderately	11	16.4%
4. Mostly	19	28.8%
5.Definitely	30	46.6%
Total	65	100

1 Define the concept of ethical hacking.
65 responses

CO2 . Recognize the need of digital forensics and define the concept of digital evidence and incident response.

Score	No of student	Percentage
1.can't say	4	6.3%
2.Hardly	2	3.1%
3.Moderately	8	12.5%
4. Mostly	25	37.5%
5.Definitely	26	40.6%
Total	65	100

2. Recognize the need of digital forensics and define the concept of digital evidence and response.
64 responses

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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Ethical Hacking & Forensics
SUBJECT I/C: OYENDRILA SAMANTA

CO3. Apply the knowledge of computer forensics using different tools and techniques.

Score	No of student	Percentage
1.can't say	3	4.7%
2.Hardly	1	1.6%
3.Moderately	13	20.3%
4. Mostly	23	35.9%
5.Definitely	25	37.5%
Total	65	100

3. Apply the knowledge of computer forensics using different tools and techniques
64 responses
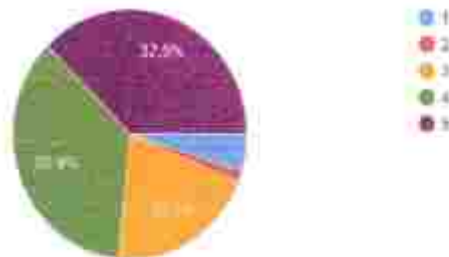
CO4. Detect the network attacks and analyze the evidence.

Score	No of student	Percentage
1.can't say	3	4.7%
2.Hardly	2	3.1%
3.Moderately	12	18.8%
4. Mostly	19	29.7%
5.Definitely	29	43.8%
Total	65	100

4. Detect the network attacks and analyze the evidence.
64 responses
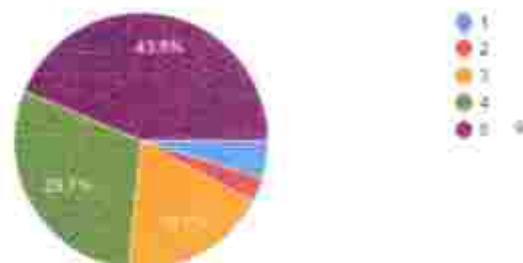
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Ethical Hacking & Forensics
SUBJECT I/C: OYENDRILA SAMANTA

CO5. Apply the knowledge of computer forensics using different tools and techniques.

Score	No of student	Percentage
1.can't say	2	3.1%
2.Hardly	3	4.6%
3.Moderately	9	13.8%
4. Mostly	26	40%
5.Definitely	25	38.5%
Total	65	100

5. Apply the knowledge of computer forensics using different tools and techniques.
65 responses
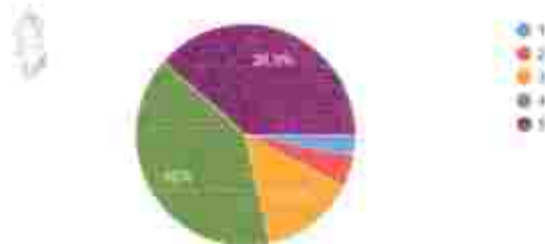
CO6. List the method to generate legal evidence and supporting investigation reports.

Score	No of student	Percentage
1.can't say	2	3.1%
2.Hardly	3	4.7%
3.Moderately	10	15.6%
4. Mostly	24	37.5%
5.Definitely	25	39.1%
Total	65	100

6. List the method to generate legal evidence and supporting investigation reports
64 responses
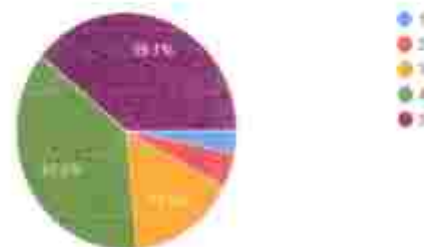
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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Sensor Lab
SUBJECT I/C: MAAHI K.

CO 1. How well can u Differentiate between various wireless communication technologies

Score	No of student	Percentage
1.can't say	0	0
2. Hardly	2	3.1
3.Moderately	11	16.9
4. Mostly	26	40
5.Definitely	26	40
Total	65	100
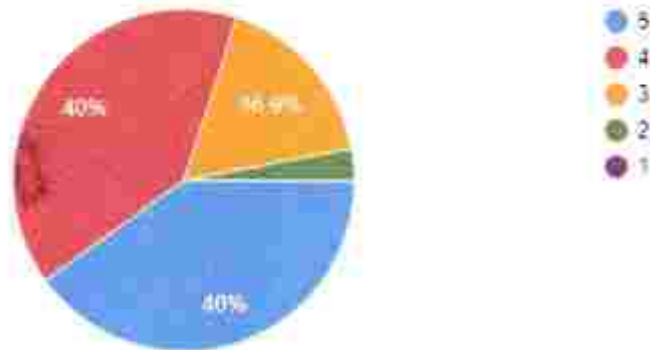
CO2. Did the study on the sensors used in real world wireless applications help you.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	8	12.3
4. Mostly	29	44.6
5.Definitely	26	40
Total	65	100
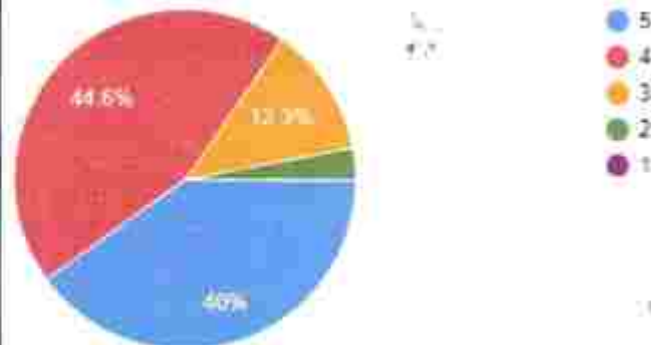
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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Sensor Lab
SUBJECT I/C: MAAHI K.

CO3. Did you find the installation and testing on the simulation tool easy

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	13	20
4. Mostly	28	43.1
5.Definitely	22	33.8
Total	65	100
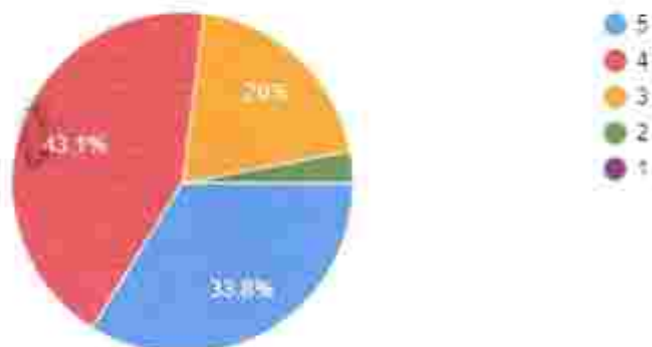
**CO4.** Can you demonstrate the simulation of WSN using the Network Simulators

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	13	20
4. Mostly	28	43.1
5 Definitely	22	33.8
Total	65	100
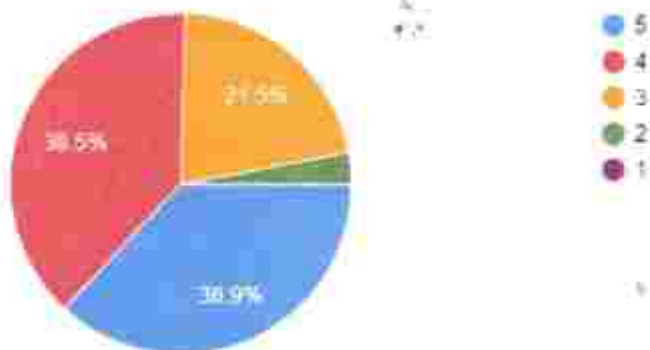
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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Sensor Lab
SUBJECT I/C: MAAHI K.

CO5. Are you able to interface using Ardino/Raspberry pi?

| Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	3.1
3.Moderately	10	15.4
4. Mostly	28	43.1
5.Definitely	25	38.5
Total	65	100
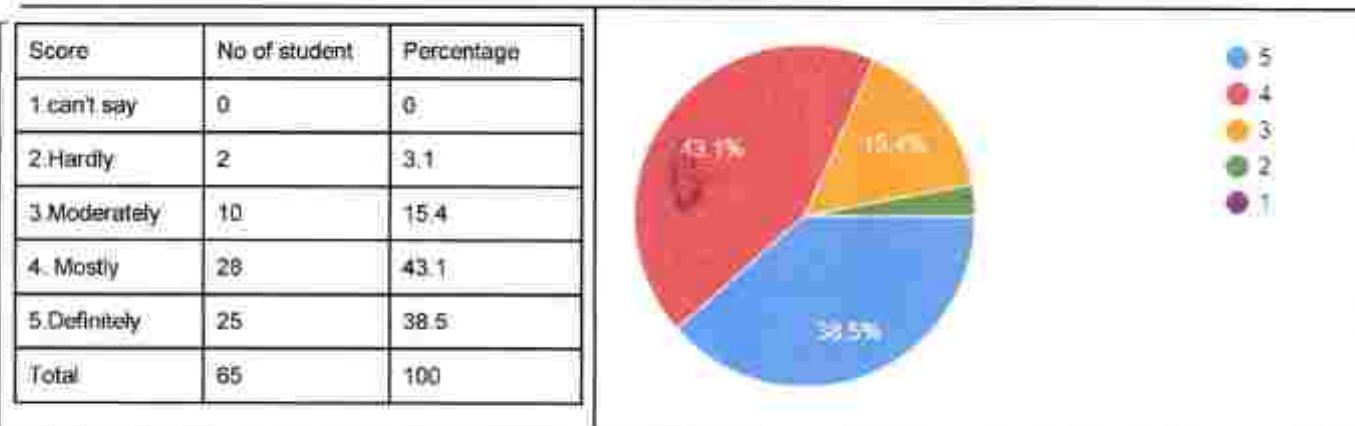
CO6. Can you demonstrate the project successfully by hardware/sensor requirements, coding, emulating and testing

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	3	4.6
3.Moderately	11	16.9
4. Mostly	22	33.8
5.Definitely	29	44.6
Total	65	100

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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: MAD & PWA Lab
SUBJECT I/C: OYENDRILA SAMANTA


CO1. Understand and Analyze basics of Flutter Framework.

Score	No of student	Percentage
1.can't say	2	3.1%
2.Hardly	3	4.6%
3.Moderately	9	13.8%
4. Mostly	21	32.3%
5.Definitely	30	46.2%
Total	65	100

1. Understand and Analyze basics of Flutter Framework
65 responses
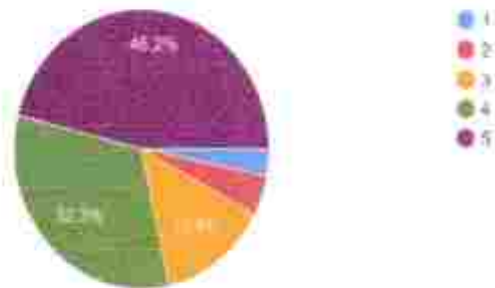
CO2. Understand and develop UI by incorporating widgets, layouts, forms and gestures.

Score	No of student	Percentage
1.can't say	1	1.5%
2.Hardly	2	3.1%
3.Moderately	10	15.4%
4. Mostly	26	40%
5.Definitely	26	40%
Total	65	100

2. Understand and develop UI by incorporating widgets, layouts, forms and gestures
65 responses
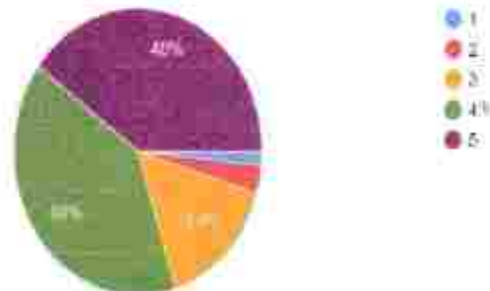
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: MAD & PWA Lab
SUBJECT I/C: OYENDRILA SAMANTA


CO3. Understand and create a production ready Flutter App by including files and firebase backend services and deploying on Android/IOS.

Score	No of student	Percentage
1.can't say	3	4.6%
2.Hardly	2	3.1%
3.Moderately	8	12.3%
4. Mostly	21	32.3%
5.Definitely	31	47.7%
Total	65	100

3. Understand and create a production ready Flutter App by including files and firebase services and deploying on Android/IOS.
65 responses

CO4. Understand the concepts of PWA frameworks and their requirements.

Score	No of student	Percentage
1.can't say	1	1.5%
2.Hardly	4	6.2%
3.Moderately	8	12.3%
4. Mostly	26	40%
5.Definitely	26	40%
Total	65	100

4. Understand the concepts of PWA frameworks and their requirements
65 responses
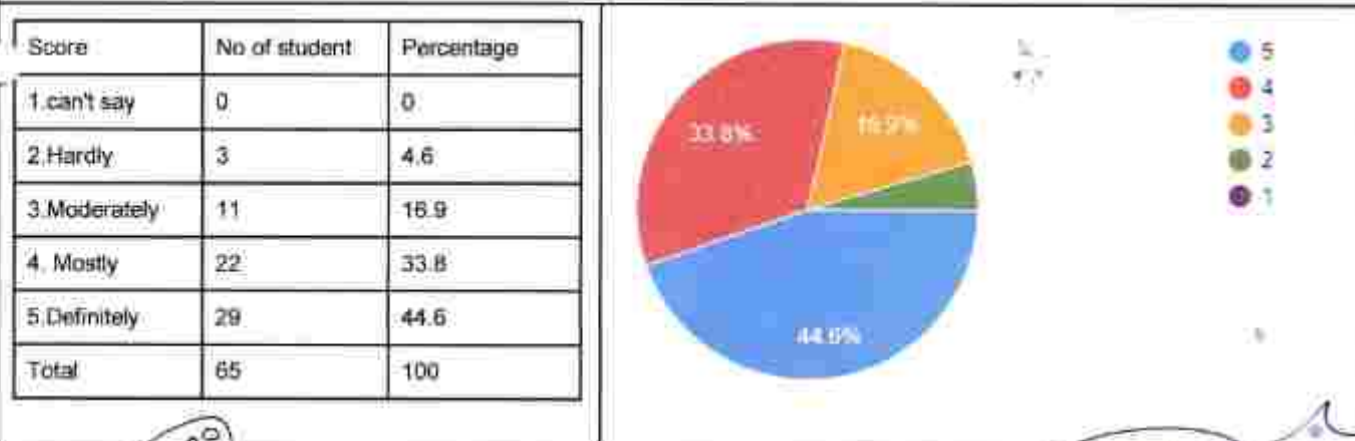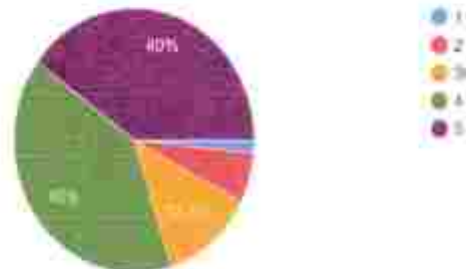
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: MAD & PWA Lab
SUBJECT I/C: OYENDRILA SAMANTA

CO5. Understand and develop responsive web apps by combining ajax development techniques with jQuery JavaScript library.

Score	No of student	Percentage
1.can't say	1	1.5%
2.Hardly	3	4.6%
3.Moderately	9	13.8%
4. Mostly	25	38.5%
5.Definitely	27	41.5%
Total	65	100

5. Understand and develop responsive web apps by combining ajax development techniques with jQuery JavaScript library
65 responses
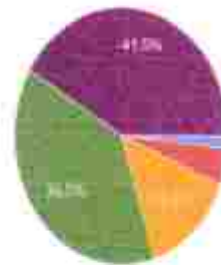
CO6. Understand how service workers operate and also analyze to test and deploy PWA.

| Score	No of student	Percentage
1.can't say	2	3.1%
2.Hardly	2	3.1%
3.Moderately	9	14.1%
4. Mostly	23	35.9%
5.Definitely	28	43.8%
Total	65	100

6. Understand how service workers operate and also analyze to test and deploy PWA
65 responses

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Academic Year: 2023-24(EVEN SEM)

Course Exit Analysis Report (Sem VI)

Subject: BUSINESS INTELLIGENCE Lab

Subject In-charge: Prof.Varalakshmi R

CO1:Are you able to understand data warehousing concept?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	6	9.10%
4	27	40.90%
5	33	50.00%
	66	

1.Are you able to understand data warehousing concept?
66 responses

CO2 :Are you able to understand Data Preprocessing concept?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	1	1.5
3	6	9.10%
4	30	45.50%
5	29	43.90%
	66	

2. Are you able to understand Data Pre-processing concept?
66 responses
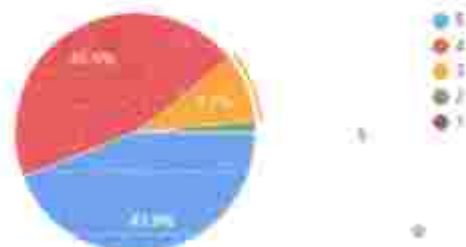
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2023-24(EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: BUSINESS INTELLIGENCE Lab
Subject In-charge: Prof.Varalakshmi R

CO3:How well have you learned to use the weka tool?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	7	10.60%
4	28	42.40%
5	31	47.00%
	66	

3.How comfortable are you using the weka tool?
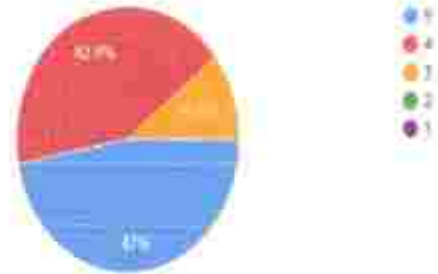
CO 4: How well did you understand Naive Bayes Theorem?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	1	1.50%
3	9	13.60%
4	29	43.90%
5	27	40.90%
	66	

4.How well did you understand Naive Bayes Theorem?
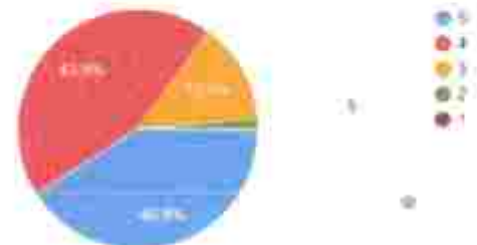
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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2023-24(EVEN SEM)

Course Exit Analysis Report (Sem VI)

Subject: BUSINESS INTELLIGENCE Lab

Subject In-charge: Prof.Varalakshmi R

CO5:Are you able to apply proper algorithm for specific application

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	8	12.10%
4	30	45.50%
5	28	42.40%
	66	

5.Are you able to apply proper Algorithm for specific application?

CO 6: How well are you aware of BI tools ?

| SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	1	1.50%
3	9	13.60%
4	25	37.90%
5	31	47.00%
	66	

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DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-24
**COURSE EXIT ANALYSIS REPORT (SEM VI)**
SUBJECT : MINI PROJECT
SUBJECT I/C : KIRTHI M.

1.Identify ,Analyze complex engineering problems based on societal/research needs andapply the knowledge of engineering specialization for providing a solution

score	no of student	Percentage
1-cants say	3	4.7
2 Hardly	2	3.1
3-moderate	9	14.1
4-mostly	29	45.3
5 Definitely	21	32.8
total	64	100
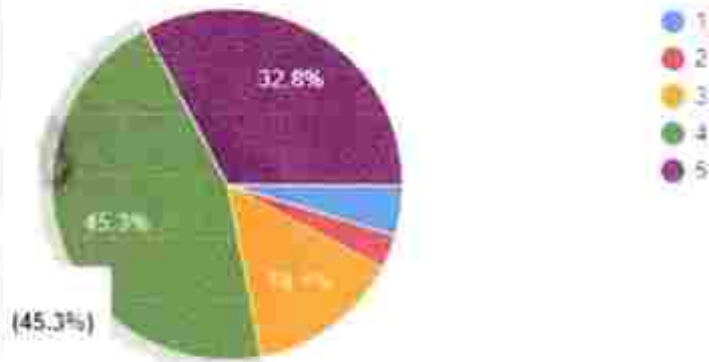
2.Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

score	no of student	Percentage
1-cants say	2	3.1
2 Hardly	2	3.1
3-moderate	11	17.2
4-mostly	28	43.8
5 Definitely	21	32.8
total	64	100
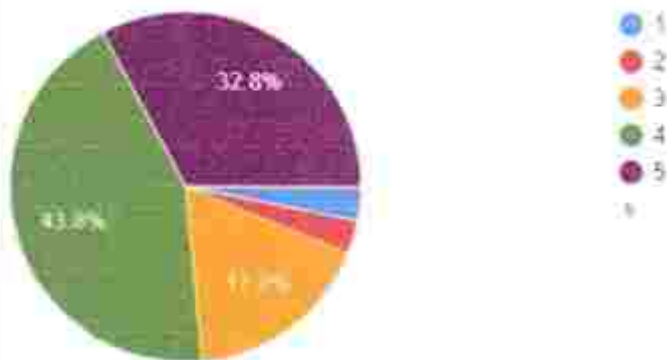
DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-24
COURSE EXIT ANALYSIS REPORT (SEM VI)
SUBJECT : MINI PROJECT
SUBJECT I/C : KIRTHI M.

3.Critically analyze data through theoretical/experimental/simulations and describe management techniques to analyze the impact of solutions in societal and environmental context for sustainabledevelopment

score	no of student	Percentage
1-cants say	2	3.1
2 Hardly	2	3.1
3-moderate	13	20.3
4-mostly	23	35.9
5 Definitely	24	37.5
total	64	100
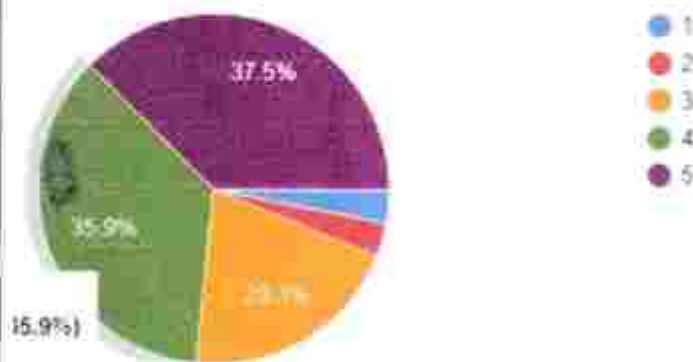
4.Interpret legislation, regulations, codes and use standard norms of engineering practices to identify and understand situations of unethical professional conduct and propose ethical alternatives

score	no of student	Percentage
1-cants say	2	3.1
2 Hardly	3	3.1
3-moderate	12	18.3
4-mostly	25	39.1
5 Definitely	23	35.9
total	64	100
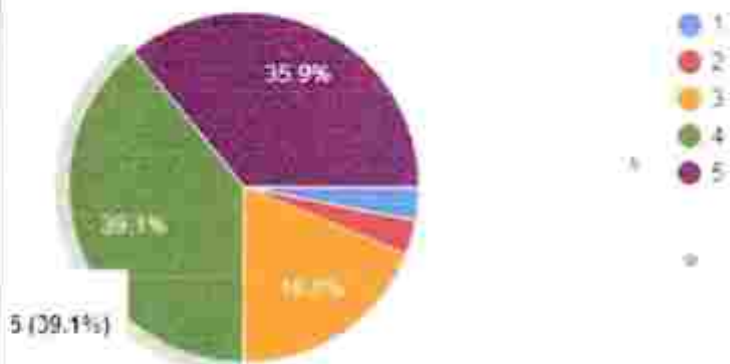
DEPARTMENT OF INFORMATION TECHNOLOGY
ACADEMIC YEAR 2023-24
COURSE EXIT ANALYSIS REPORT (SEM VI)
### SUBJECT : MINI PROJECT
SUBJECT I/C : KIRTHI M.

5.Recognize and develop a variety of interpersonal skills to work as member of a group or leader and produce well-constructed written engineering documents for publications and deliver effectiveoral presentations

score	no of student	Percentage
1-cants say	2	3.1
2 Hardly	3	4.7
3-moderate	10	15.6
4-mostly	26	40.6
5 Definitely	23	35.9
total	64	100
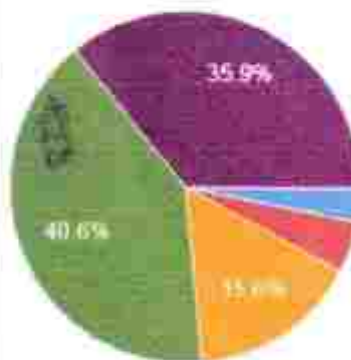
6.Use project management tools to schedule project work and describe the rationale leading to lifelonglearning for continuing professional development

score	no of student	Percentage
1-cants say	2	3.1
2 Hardly	2	3.1
3-moderate	11	17.2
4-mostly	24	37.5
5 Definitely	25	39.1
total	64	100
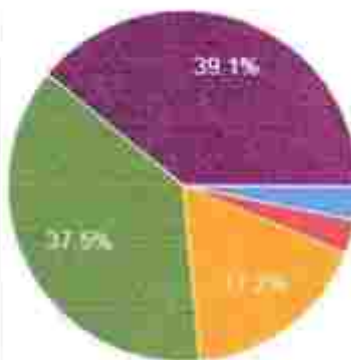
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Action taken based on feedback from students (CO & PO)
Academic year 2023-24 EVEN SEM

Summary of feedback -Semester VI:

Following an analysis of the feedback obtained from course exit forms, appropriate student-beneficial measures were organized and carried out. What follows is a summary of recommendations from stakeholders to improve students' employability.

- Require knowledge of the newest technological advancements in industry
- Videos are necessary for a deeper comprehension of subjects.
- Need some extra lectures for mathematics problem solving and practice.

Action Taken:

Based on suggestions, various events are organized. Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below .

Sr No.	Feedback / Suggestions	Action taken	Date
1	Numericals onAIDS 1.	Notes are provided to students	As Required
2	Concept of Node.js , restAPI	https://www.youtube.com/watch?v=17XQ455OT3A https://www.youtube.com/watch?v=nWH70_MMHM	As Required

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Academic Year 2023-24 (EVEN SEM)
**Course Exit Analysis Report (SEM VIII)**
**Subject: Blockchain & DLT**
SUBJECT I/C: SUPRIYA KAMBLE

CO 1. To get acquainted with the concept of Distributed ledger system and Blockchain

Score	No of student	Percentage
1.can't say	0	0
2. Hardly	2	2.7
3.Moderately	6	8.2
4. Mostly	21	28.8
5.Definitely	44	60.3
Total	73	100
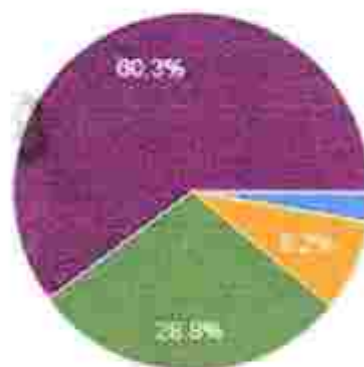
CO2. To learn the concepts of consensus and mining in Blockchain through the Bitcoin network

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.7
3.Moderately	5	6.8
4. Mostly	21	28.8
5.Definitely	45	61.6
Total	73	100
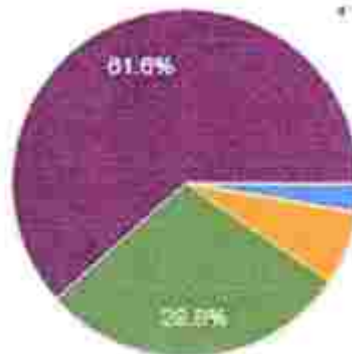
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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Blockchain & DLT
SUBJECT I/C: SUPRIYA KAMBLE

CO3. To understand Ethereum and develop-deploy smart contracts using different tools and frameworks

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.7
3.Moderately	8	11
4. Mostly	20	27.4
5.Definitely	43	58.9
Total	73	100

CO4. To understand permissioned Blockchain and explore Hyperledger Fabric.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.7
3.Moderately	9	12.3
4. Mostly	19	26
5.Definitely	43	58.9
Total	73	100
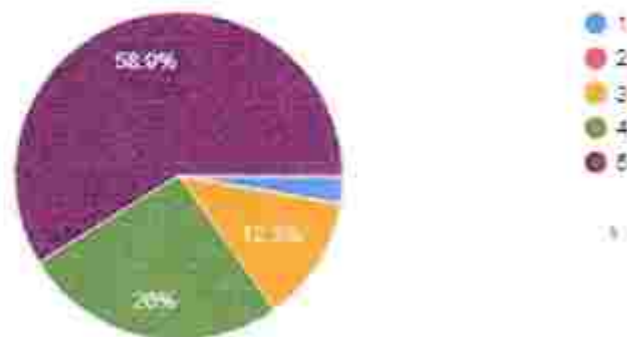
Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Blockchain & DLT
**SUBJECT I/C: SUPRIYA KAMBLE**

CO5. To understand different types of crypto assets.

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	2	2.7
3.Moderately	6	8.2
4. Mostly	16	21.9
5.Definitely	47	64.4
Total	73	100
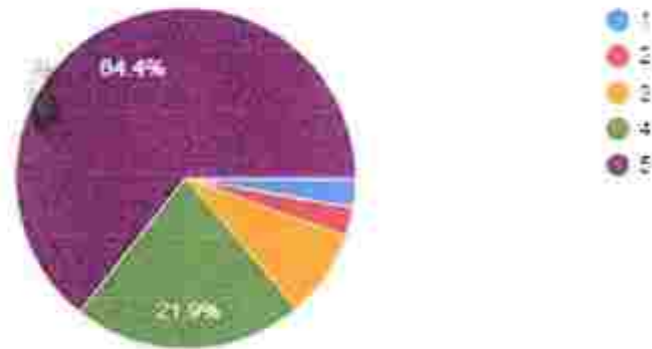
CO6. To apply Blockchain for different domains IOT, AI and Cyber Security

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	1	1.4
3.Moderately	4	5.5
4. Mostly	18	24.7
5.Definitely	48	65.8
Total	73	100
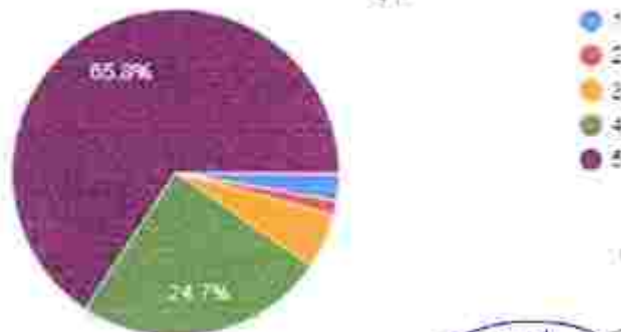
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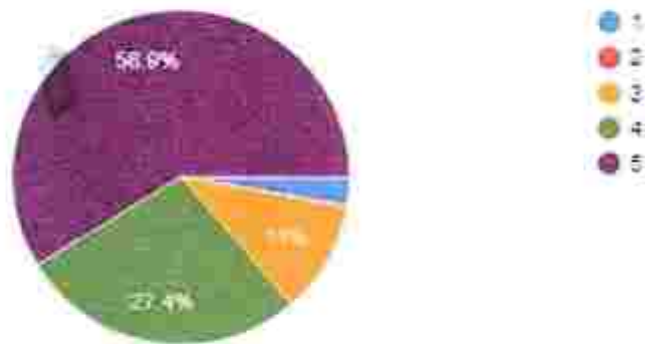# SARASWATI College of Engineering

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Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM VIII)

Subject: BIG DATA ANALYTICS

Subject I/C: PROF.SAKSHI PANCHALE

CO1- Understand the big data systems and identify the main sources of Big Data in the real world.

SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say	1	1.3
2.Least Relevant	1	1.3
3.Moderately Relevant	7	9.3
4.Relevant	25	33.3
5.Strongly Relevant	41	54.7
TOTAL	75	100

CO2-Understand the ability to use frameworks like Hadoop, NOSQL to efficiently store, retrieve and process Big Data for Analytics.

SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say	2	2.7
2.Least Relevant	0	0
3.Moderately Relevant	9	12
4.Relevant	18	24
5.Strongly Relevant	46	61.3
TOTAL	75	100

Department of Information Technology

Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM VIII)

Subject: BIG DATA ANALYTICS

Subject I/C: PROF.SAKSHI PANCHALE

CO3- Understanding and Implement several Data Intensive tasks using the Map Reduce Paradigm.			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say	2	2.7	
2.Least Relevant	1	1.3	
3.Moderately Relevant	9	12	
4.Relevant	17	22.7	
5.Strongly Relevant	46	61.3	
TOTAL	75	100	

CO4-Understanding the application of several newer algorithms for Clustering Classifying and finding associations in Big Data.			
SCORE	NO. OF STUDENTS	PERCENTAGE	
1.Can't Say	2	2.7	
2.Least Relevant	0	0	
3.Moderately Relevant	11	14.7	
4.Relevant	20	26.7	
5.Strongly Relevant	42	56	
TOTAL	75	100	

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Academic Year 2023-24 (EVEN SEM)

Course Exit Analysis Report (SEM VIII)

Subject: BIG DATA ANALYTICS

Subject I/C: PROF.SAKSHI PANCHALE

CO5- Understand the algorithms to analyze Big data like streams, Web Graphs and Social Media data.

SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say	2	2.7
2.Least Relevant	0	0
3.Moderately Relevant	8	10.7
4.Relevant	25	33.3
5.Strongly Relevant	40	53.3
TOTAL	75	100

CO6- Understanding the design and implement successful Recommendation engines for enterprises.

SCORE	NO. OF STUDENTS	PERCENTAGE
1.Can't Say	2	2.7
2.Least Relevant	2	2.7
3.Moderately Relevant	9	12
4.Relevant	19	25.3
5.Strongly Relevant	43	57.3
TOTAL	75	100

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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year: 2023-24(EVEN SEM)

Course Exit Analysis Report (Sem VIII)

Subject: USER INTERFACE DESIGN

Subject In-charge: Prof.Varalakshmi R

CO1: Will you be able to identify between a good and poor design in an interface?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	3	4.10%
4	9	12.30%
5	61	83.60%
	73	

1. Will you be able to identify between a good and poor design in an interface

---

CO2 : Will you be able to build a persuasive design which will change the attitude of the user?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	2	2.70%
4	17	23.30%
5	54	74.00%
	73	

2. Will you able to build a persuasive design which will change the attitude of the user ?

DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2023-24(EVEN SEM)
Course Exit Analysis Report (Sem VIII)
Subject: USER INTERFACE DESIGN
Subject In-charge: Prof.Varalakshmi R

CO3: Will you be able to find the requirements for a design

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	0	0
3	3	4.10%
4	18	24.70%
5	52	71.20%
	73	

3.Will you be able to find the requirements for a design
73 responses

CO 4: Will you be able to use innovative prototypes for designing application?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	1	1.4
3	3	4.10%
4	12	16.40%
5	57	78.10%
	73	

4 .Will you be able to use innovative prototypes for designing application?
73 responses
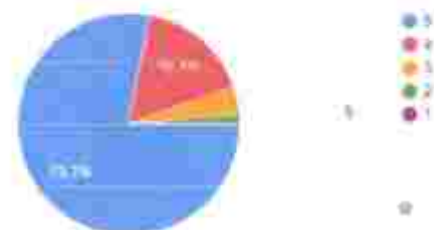
DEPARTMENT OF INFORMATION TECHNOLOGY
Academic Year: 2023-24(EVEN SEM)
Course Exit Analysis Report (Sem VIII)
Subject: USER INTERFACE DESIGN
Subject In-charge: Prof.Varalakshmi R

CO5:How well can you build a interaction design process

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	1	1.4
3	3	4.10%
4	10	13.70%
5	59	80.80%
	73	

5. How well can build a interaction design process

CO 6: How well you can evaluate and apply techniques to design user interaction interfaces?

SCORE	NO OF STUDENTS	PERCENTAGE
1	0	0
2	1	1.4
3	2	2.70%
4	10	13.70%
5	60	82.20%
	73	

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Department of IT

Academic Year: 2023-24 (Even)

Course Exit Analysis Report (SEM VIII)

Subject –Project Management (ILOC-2)

CO1: Apply selection criteria and select an appropriate project from different options.

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	0	0
4- Mostly	3	50
5- Definitely	3	50
Total	6	100

CO1 pie chart: 0%, 6%, 18%, 41%, 35%
Legend: 1- Can't Say, 2- Hardly, 3- Moderately, 4- Mostly, 5- Definitely
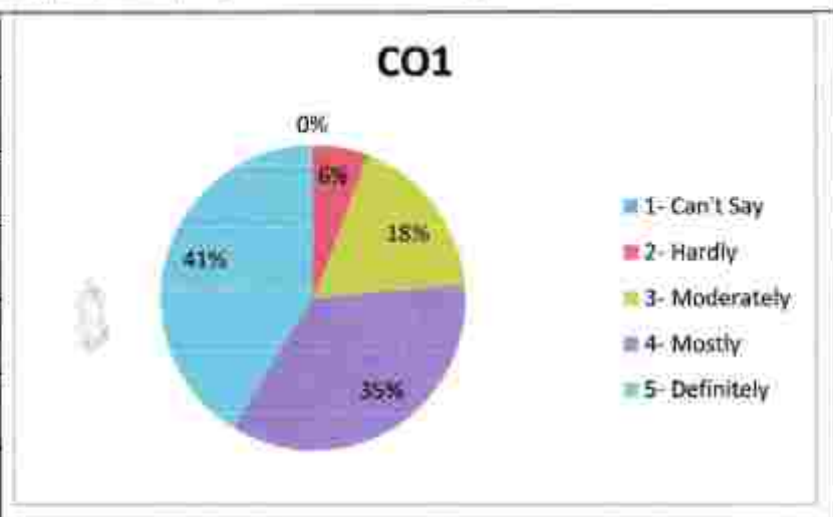
CO2: Write work breakdown structure for a project and develop a schedule based on it.

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	0	0
4- Mostly	2	33
5- Definitely	4	67
Total	6	100

CO2 pie chart: 0%, 6%, 24%, 35%, 35%
Legend: 1- Can't Say, 2- Hardly, 3- Moderately, 4- Mostly, 5- Definitely

Department of IT

Academic Year: 2023-24 (Even)

Course Exit Analysis Report (SEM VIII)

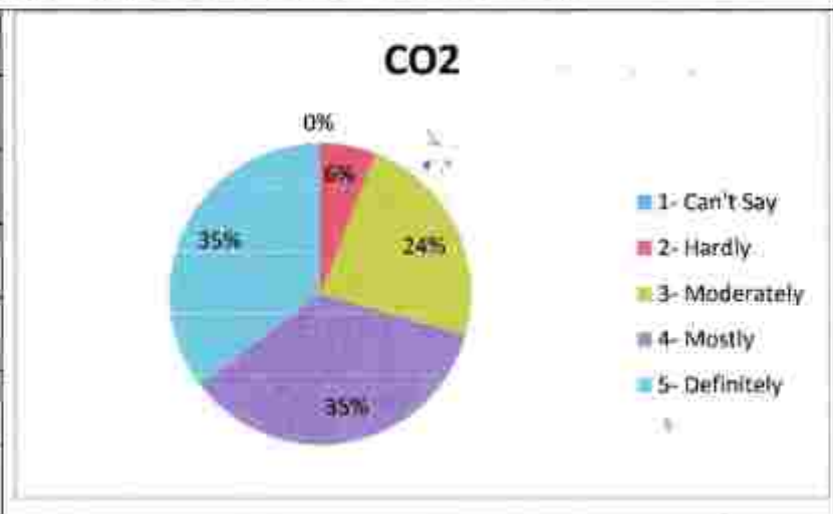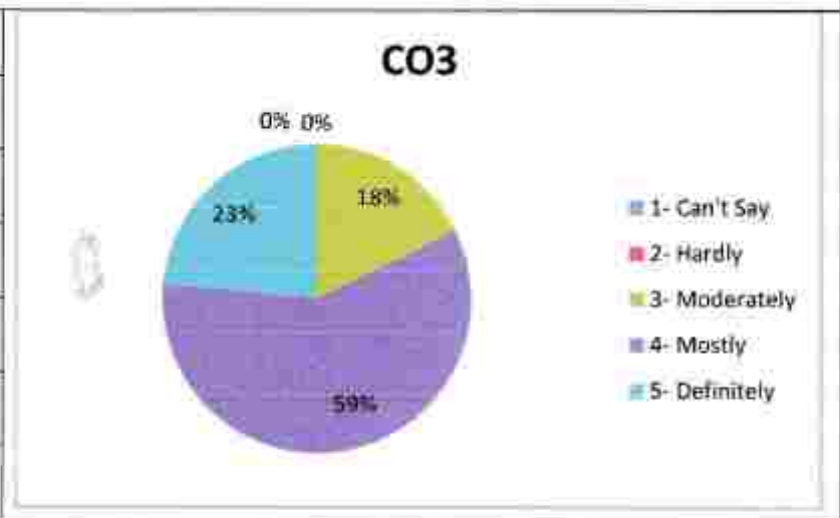### Subject –Project Management (ILOC-2)

CO3: Identify opportunities and threats to the project and decide an approach to deal with them strategically

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	0	0
4- Mostly	2	33
5- Definitely	4	67
Total	6	100

CO3 pie chart: 0% 0%, 18%, 23%, 59%
Legend: 1- Can't Say, 2- Hardly, 3- Moderately, 4- Mostly, 5- Definitely

CO4: Use Earned value technique and determine & predict status of the project.

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	0	0
4- Mostly	2	33
5- Definitely	4	67
Total	6	100

CO4 pie chart: 0% 0%, 24%, 41%, 35%
Legend: 1- Can't Say, 2- Hardly, 3- Moderately, 4- Mostly, 5- Definitely

Department of IT

Academic Year: 2023-24 (Even)

Course Exit Analysis Report (SEM VIII)
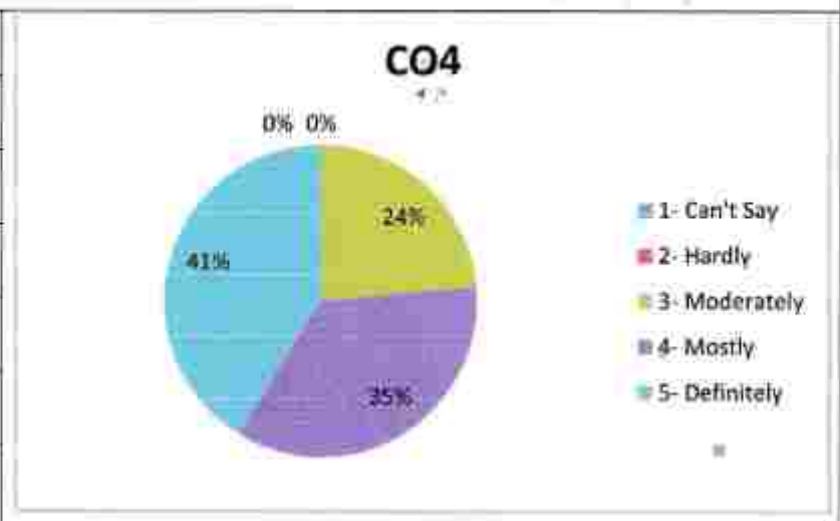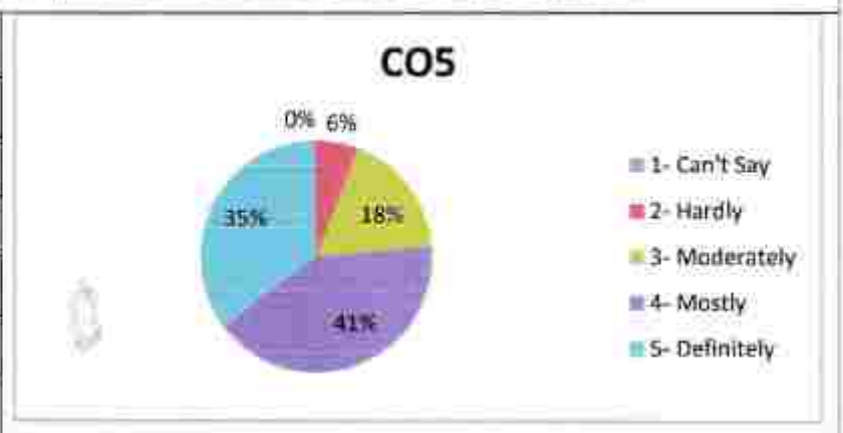
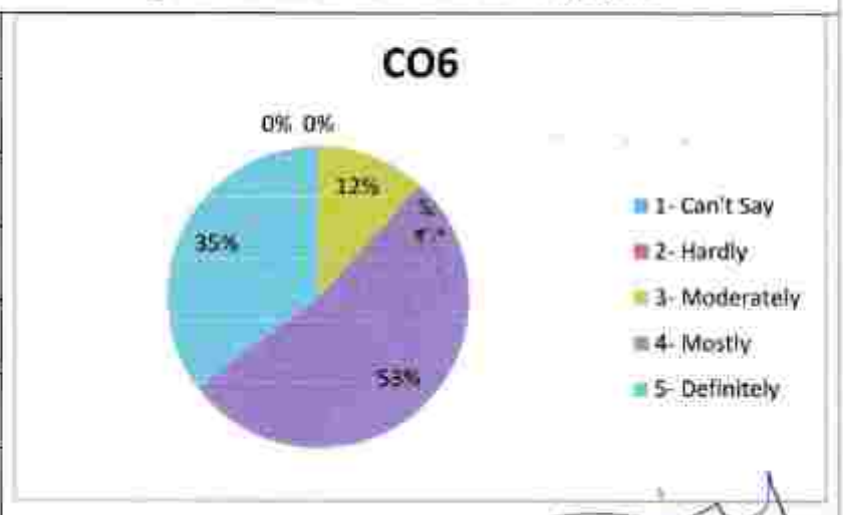### Subject – Project Management (ILOC-2)

CO5: Capture lessons learned during project phases and document them for future reference.

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	0	0
4- Mostly	2	33
5- Definitely	4	67
Total	6	100

CO5
- 0% 6%
- 35% 18% 41%
- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

CO6: Learn project termination types and acknowledge the success and failures of the project.

Score	No. of students	Percentage (%)
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	0	0
4- Mostly	2	33
5- Definitely	4	67
Total	6	100

CO6
- 0% 0%
- 12%
- 35% 53%
- 1- Can't Say
- 2- Hardly
- 3- Moderately
- 4- Mostly
- 5- Definitely

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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Blockchain Lab
SUBJECT I/C: SUPRIYA KAMBLE

CO 1. Develop and test smart contract on local Blockchain.

Score	No of student	Percentage
1.can't say	0	0
2. Hardly	3	4.1
3.Moderately	11	15.1
4. Mostly	14	19.2
5.Definitely	45	61.6
Total	73	100

CO2. Develop and test smart contract on Ethereum test networks

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.7
3.Moderately	9	12.3
4. Mostly	22	30.1
5.Definitely	40	54.8
Total	73	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Blockchain Lab
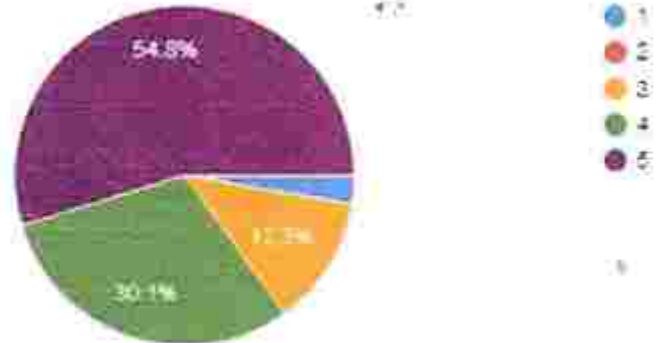**SUBJECT I/C: SUPRIYA KAMBLE**

CO3. Write and deploy smart contract using Remix IDE and Metamask.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.7
3.Moderately	9	12.3
4. Mostly	16	21.9
5.Definitely	46	63
Total	73	100
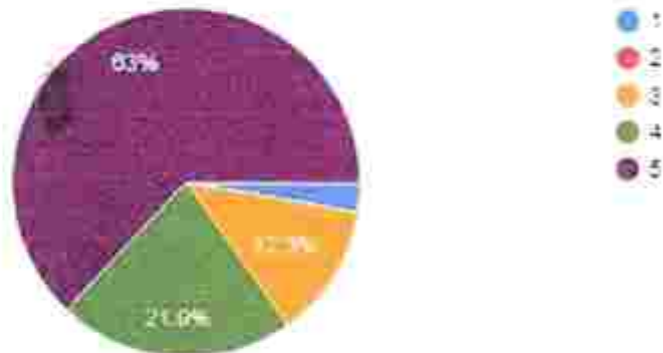
CO4. Design and develop Cryptocurrency.

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	2	2.7
3.Moderately	6	8.2
4. Mostly	22	30.1
5.Definitely	41	56.2
Total	73	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Blockchain Lab
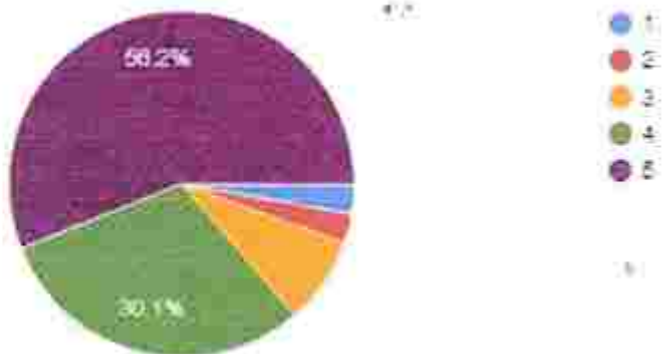**SUBJECT I/C: SUPRIYA KAMBLE**

CO5. Write and deploy chain code in Hyperledger Fabric.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.7
3.Moderately	8	11
4. Mostly	20	27.4
5.Definitely	43	58.9
Total	73	100

CO6. Develop and test a Full-fledged DApp using Ethereum/Hyperledger.

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.7
3.Moderately	11	15.1
4. Mostly	16	21.9
5.Definitely	44	60.3
Total	73	100

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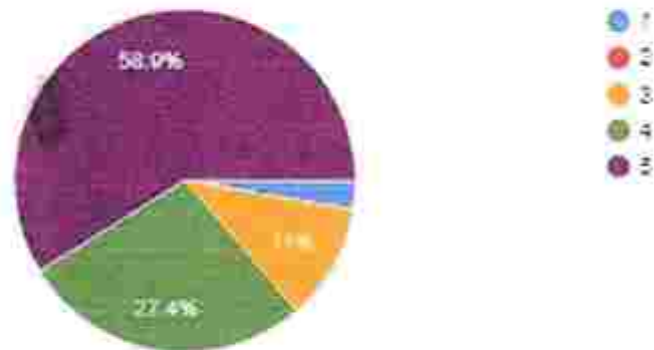# SARASWATI College of Engineering

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Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: CC LAB
SUBJECT I/C: KIRTI MHAMUNKAR

Co 1. Understand the concept of virtualization

Score	No of student	Percentage
1.can't say	3	4
2.Hardly	2	2.7
3.Moderately	7	9.3
4. Mostly	21	28
5.Definitely	42	56
Total	75	100%

Count of 1 Understand the concept of virtualization
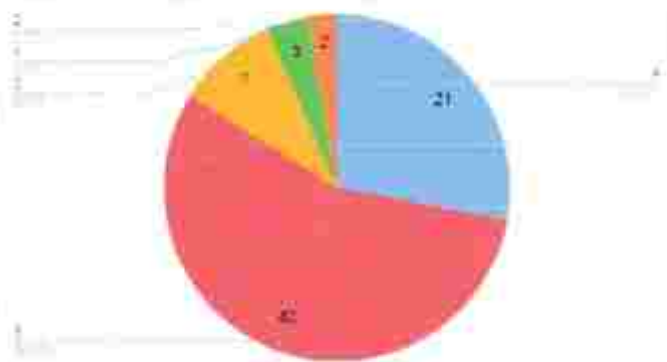
Co2 . Understand and deploy single and multiple container applications Kubernetes

Score	No of student	Percentage
1.can't say	3	4
2.Hardly	1	1
3.Moderately	4	5.3
4. Mostly	26	34.7
5.Definitely	41	54.7
Total	75	100 %

Count of 2. Understand the basic concept of infrastructure services using different cloud platform

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Course Exit Analysis Report (SEM VIII)
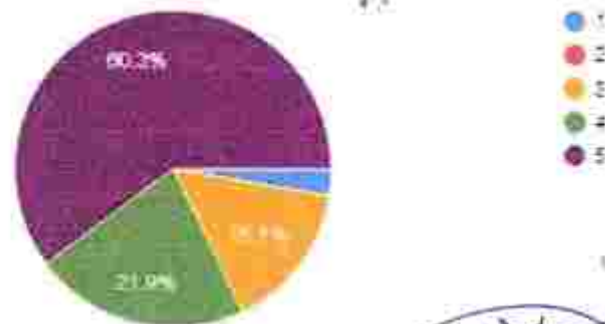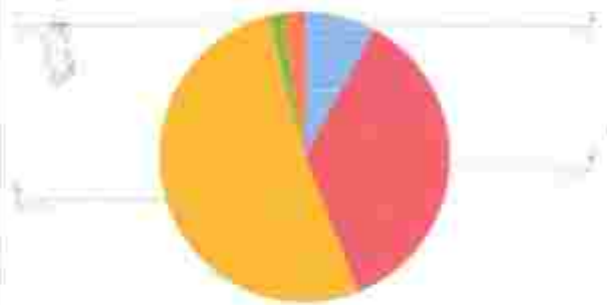**Subject: CC LAB**
SUBJECT I/C: KIRTI MHAMUNKAR

Co 3 . Understand the concept of Platform as a Service using AWS Elastic Beanstalk

Score	No of student	Percentage
1.can't say	2	2.7
2.Hardly	1	1
3.Moderately	6	8
4. Mostly	27	36
5.Definitely	39	52
Total	75	100

Co 4. 4. Understand the Identity and Access

Score	No of student	Percentage
1.can't say	3	4
2.Hardly	0	0
3.Moderately	5	6.7
4. Mostly	28	37.3
5.Definitely	39	52
Total	75	100

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Course Exit Analysis Report (SEM VIII)
Subject: CC LAB
### SUBJECT I/C: KIRTI MHAMUNKAR

Co 5 . Understand and Implement Storage as a Service using Own Cloud/ AWS S3

Score	No of student	Percentage
1.can't say	3	4
2.Hardly	0	0
3.Moderately	5	6.7
4. Mostly	23	30.7
5.Definitely	44	58.7
Total	75	100
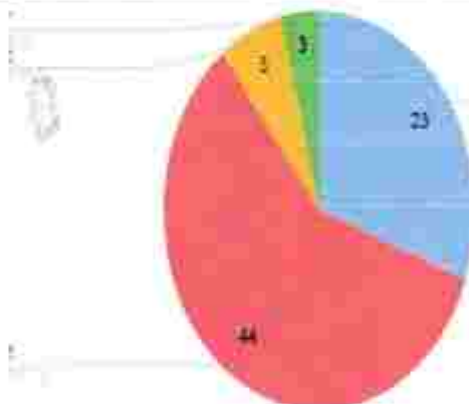
Co 6 . understand the Introduction of Kubernetes

Score	No of student	Percentage
1.can't say	1	1
2.Hardly	0	0
3.Moderately	5	3.7
4. Mostly	24	32
5.Definitely	42	56
Total	75	100
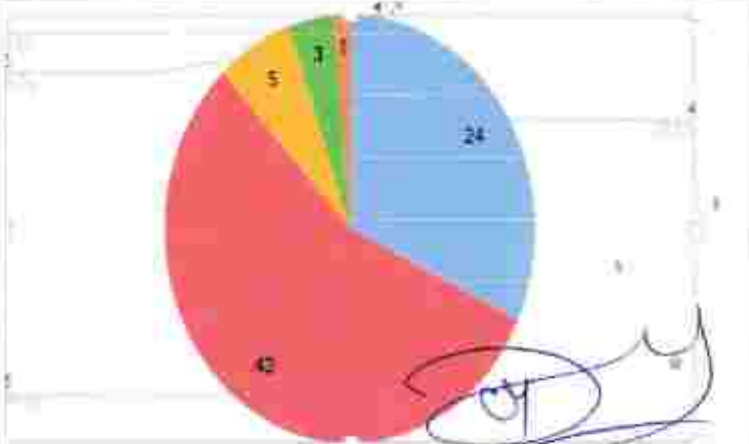
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Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
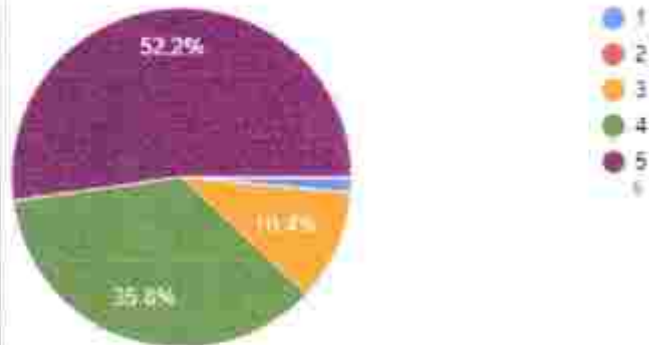### Subject: Major PROJECT
SUBJECT I/C: KIRTI MHAMUNKAR

o 1 1. Evalute apply and analyze problem statments based on societal/research needs and identifies objective to solve an engineering problem society.

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	0	0
3.Moderately	7	10.4
4. Mostly	20	29.9
5.Definitely	39	58.2
Total	67	100
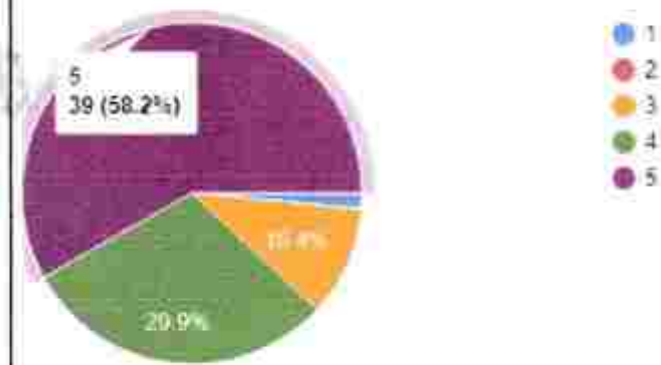
Co2 . Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	0	0
3.Moderately	7	10.4
4. Mostly	24	35.8
5.Definitely	35	52.2
Total	67	100

Department of Information Technology
Academic Year 2023-24 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Major PROJECT
SUBJECT I/C: KIRTI MHAMUNKAR

o 3 . Critically analyze data through theoretical/experimental/simulations and describe management techniques to analyze the impact of solutions in societal and environmental context for sustainable development

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	8	11.9
4. Mostly	17	25.4
5.Definitely	40	59.7
Total	67	100

Co 4. Interpret legislation, regulations, codes and use standard norms of engineering practices to identify and understand situations of unethical professional conduct and propose ethical alternatives

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	0	0
3.Moderately	7	10.7
4. Mostly	22	32.8
5.Definitely	37	55.2
Total	67	100

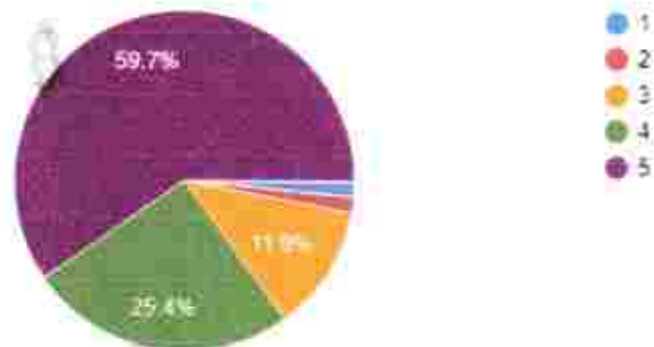# SARASWATI College of Engineering

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Subject: Major PROJECT
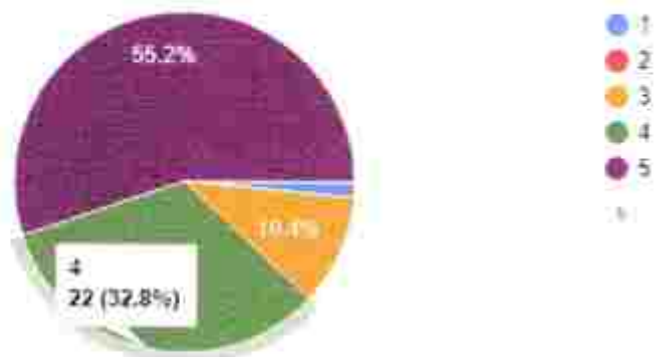**SUBJECT I/C: KIRTI MHAMUNKAR**

Co 5 . Recognize and develop a variety of interpersonal skills to work as member of a group or leader and produce well-constructed written engineering documents for publications and deliver effective oral presentations

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	1	1.5
3.Moderately	6	9
4. Mostly	16	23.9
5.Definitely	43	64.2
Total	61	100
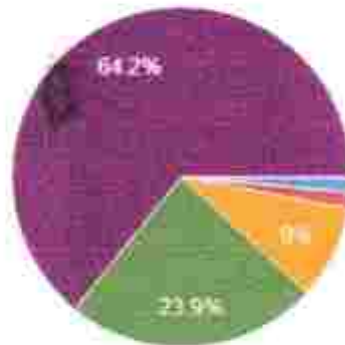
Co 6 . Use project management tools to schedule project work and describe the rationale leading to lifelong learning for continuing professional development

Score	No of student	Percentage
1.can't say	1	1.5
2.Hardly	2	3
3.Moderately	4	6
4. Mostly	18	26.9
5.Definitely	42	62.7
Total	67	100
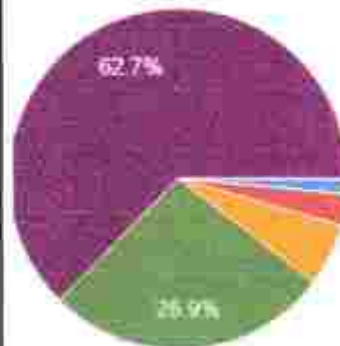
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Action taken based on feedback from students (CO & PO)
Academic year 2023-24 EVEN SEM

Summary of feedback -Semester VIII:

After analyzing the feedback obtained from course exit forms, appropriate steps that will benefit the students were organized and carried out. The recommendations that were gathered from the relevant stakeholders to improve the student's employability are summarized here.

- Need to be informed about industry-specific current technologies.
- Need video's for better understanding of concepts.
- More lectures are required in order to practice solving problems.

Action Taken:

Based on suggestions, various events are organized, Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and Department level are mentioned below .

Sr No.	Feedback / Suggestions	Action taken	Date
1	Blockchain CAP theorem Byzantine Generals Problem	https://www.youtube.com/watch?v=YJHcoHxfor4	As required
2	Algorithms Using MapReduce: Matrix Vector Multiplication by MapReduce , Relational-Algebra Operations,	https://drive.google.com/file/d/1_IluTic-d-VUWhDVCAYN-JNpDfUyB8YsP/view?usp=drive_link	As required

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