



Department of Information Technology
Academic Year: 2022-2023(ODD SEM)

Course Exit Analysis Report (Sem III)

Subject: DBMS

Subject In-charge: Prof. Pranal Kakde

1. Will you 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	2	3.37
2. Least Relevant	4	7.14
3. Moderately Relevant	12	21.43
4. Relevant	18	32.34
5. Strongly Relevant	20	35.71
Total	56	100.00

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



Score	No. of Student	Percentage
1. Can't Say	5	8.93
2. Least Relevant	3	5.36
3. Moderately Relevant	10	17.86
4. Relevant	28	48.43
5. Strongly Relevant	12	21.43
Total	56	100.00

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	3	5.36
2 Least Relevant	5	8.93
3 Moderately Relevant	13	23.21
4 Relevant	17	30.34
5 Strongly Relevant	18	32.14
Total	56	100.00

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



Score	No of Student	Percentage
1 Can't Say	5	8.93
2 Least Relevant	2	3.57
3 Moderately Relevant	13	23.21
4 Relevant	17	30.34
5 Strongly Relevant	19	33.93
Total	56	100.00

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	2	3.37
2. Least Relevant	6	10.71
3. Moderately Relevant	12	21.43
4. Relevant	17	30.16
5. Strongly Relevant	19	33.93
Total	56	100.00

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



Score	No of Student	Percentage
1. Can't Say	2	3.57
2. Least Relevant	5	8.93
3. Moderately Relevant	13	23.21
4. Relevant	21	41.07
5. Strongly Relevant	15	23.21
Total	56	100.00

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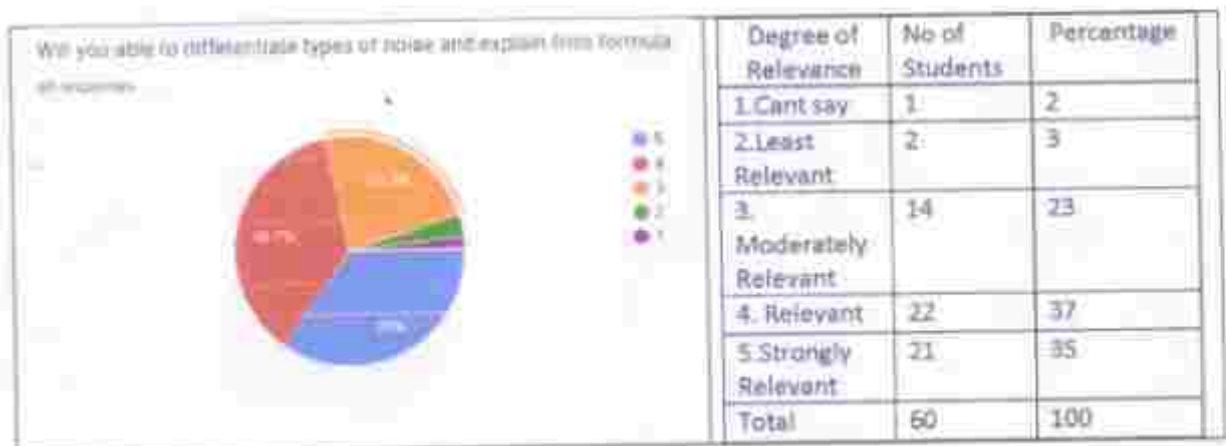
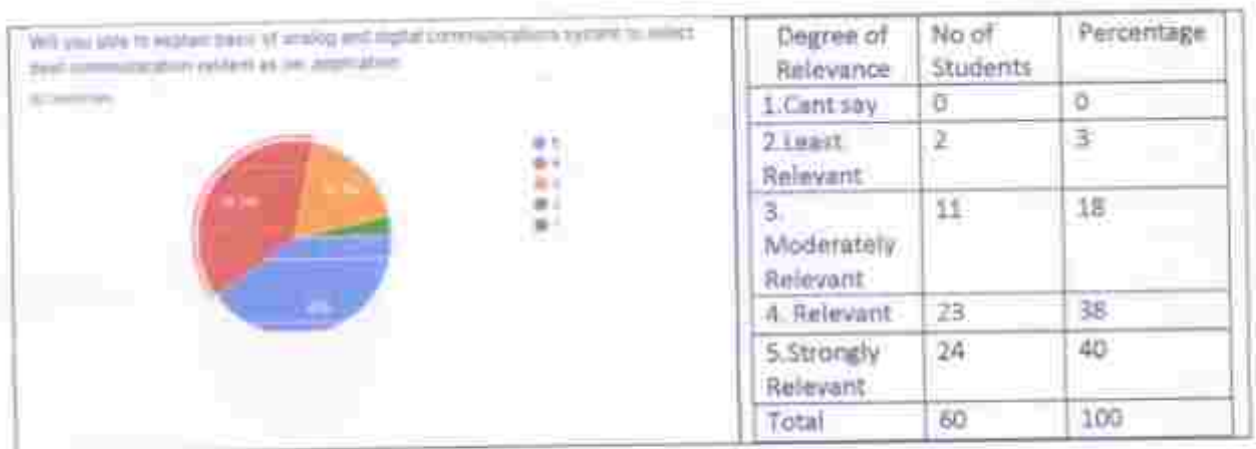
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Department of Information Technology
Academic Year: 2022-2023(ODD SEM)
Course Exit Analysis Report (Sem III)
Subject: POC
Subject In-charge: Prof.Sayali Karmode



Explain different modulation techniques i.e AM, FM

60 responses



Degree of Relevance	No of Students	Percentage
1. Cant say	0	0
2. Least Relevant	0	0
3. Moderately Relevant	15	25
4. Relevant	23	38.3
5. Strongly Relevant	22	36.7
Total	60	100

Explain digital modulation techniques, compare and contrast to select best technique

60 responses



Degree of Relevance	No of Students	Percentage
1. Cant say	0	0
2. Least Relevant	3	0
3. Moderately Relevant	13	5
4. Relevant	22	36.7
5. Strongly Relevant	22	36.7
Total	60	100

Explain ASK, PSK, QSK. Compare and contrast to find out best technique.

60 responses



Degree of Relevance	No of Students	Percentage
1. Cant say	0	0
2. Least Relevant	2	3.3
3. Moderately Relevant	11	18.3
4. Relevant	24	40
5. Strongly Relevant	23	38.3
Total	60	100

Explain electromagnetic propagation and it's types.
 60 resources



Degree of Relevance	No of Students	Percentage
1. Cant say		
2. Least Relevant	1	1.7
3. Moderately Relevant	14	23.3
4. Relevant	24	40
5. Strongly Relevant	21	35
Total	60	100

Will you able to implement practical knowledge of you in real life.



Degree of Relevance	No of Students	Percentage
1. Cant say	0	0
2. Least Relevant	2	3
3. Moderately Relevant	11	18
4. Relevant	23	38
5. Strongly Relevant	24	40
Total	60	100


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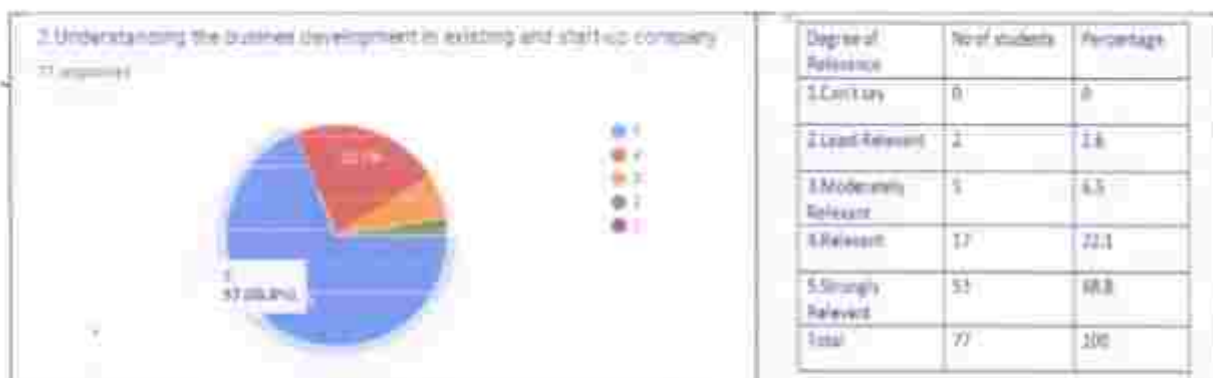
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Academic Year: 2022-2023(ODD SEM)

Course Exit Analysis Report (Sem V)

Subject: EEB

Subject In-charge: Prof.Varalakshmi R



3. Comprehend the sources of financing

77 responses



Degree of Relevance	No of students	Percentage
1. Can't say	0	0
2. Least Relevant	1	1.3
3. Moderately Relevant	5	6.5
4. Relevant	15	19.5
5. Strongly Relevant	56	72.7
Total	77	100

4. Key role played by the Human Resource Management

77 responses



Degree of Relevance	No of students	Percentage
1. Can't say	0	0
2. Least Relevant	1	1.3
3. Moderately Relevant	3	3.9
4. Relevant	22	28.6
5. Strongly Relevant	51	66.2
Total	77	100

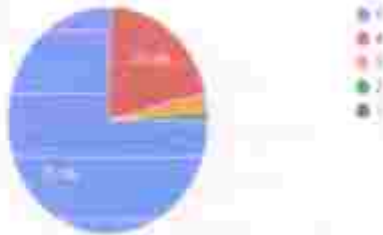
5. The challenges faced by e-business models

77 responses



Degree of Relevance	No of students	Percentage
1. Can't say	0	0
2. Least Relevant	1	1.3
3. Moderately Relevant	4	5.2
4. Relevant	18	23.4
5. Strongly Relevant	54	70.1
Total	77	100

6. Discuss various E-business strategies and identify tools and techniques used in E-business.
 77 responses



Degree of Relevance	No of students	Percentage
1.Can't say	0	0
2.Least Relevant	1	1.3
3.Moderately Relevant	2	2.6
4.Relevant	16	20.8
5.Strongly Relevant	58	75.3
Total	77	100

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Department of Information Technology
Academic Year: 2022-2023(Odd SEM)

Course Exit Analysis Report (SEM III)

Subject: PCPF

Subject In-charge: Prof. Kirti Mhamunkar

1. Understand the different programming paradigms.

score	no of student	Percentage
1-cants say	1	3.6
2 Hardly	5	8.9
3- moderate	14	25
4-mostly	23	41.1
5 Definitely	12	21.4
total	56	100



2 Understand the basic concept of object oriented programming

score	no of student	Percentage
1-cants say	2	3.6
2 Hardly	7	12.5
3- moderate	11	19.6
4-mostly	20	35.7
5 Definitely	16	28.6
total	56	100



3. Understand the concept lambda calculus

score	no of student	Percentage
1-cants say	4	7.1
2-Hardly	5	8.9
3-moderate	8	14.3
4-mostly	23	41.1
5-Definitely	16	28.6
total	56	100



4. Understand the structure of PROLOG language

score	no of student	Percentage
1-cants say	3	5.4
2-Hardly	4	7.1
3-moderate	13	23.2
4-mostly	19	33.9
5-Definitely	17	30.4
total	56	100



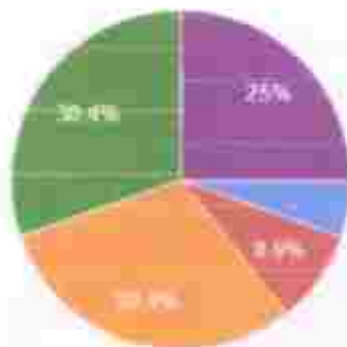
5. Understand the concept of Concurrent Programming Fundamentals

score	no of student	Percentage
1-cants say	3	5.4
2 Hardly	3	5.4
3-moderate	14	25
4-mostly	23	41.9
5 Definitely	13	23.2
total	56	100



6. Understand the difference of compiler and interpreter and use of different compiler

score	no of student	Percentage
1-cants say	3	5.4
2 Hardly	5	8.9
3-moderate	17	30.4
4-mostly	17	30.4
5 Definitely	14	25
total	56	100



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Department of Information Technology
Academic Year: 2022-2023(Odd SEM)

Course Exit Analysis Report (Sem-III)

Subject: EM-III

Subject In-charge: Prof.Vasudeo Nazirkar

CO1: Apply the concept of Laplace transform to solve the real integrals in engineering problems

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	3	5
4-Mostly	15	26
5-Definitely	40	69
Total	58	100

CO1: Apply the concept of Laplace transform to solve the real integrals in engineering problems.



■ 1-Can't say ■ 2-Hardly ■ 3-Moderately ■ 4-Mostly ■ 5-Definitely

CO2: Apply the concept of inverse Laplace transform in engineering problems

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	2	3
4-Mostly	19	33
5-Definitely	37	64
Total	58	100

CO2: Apply the concept of inverse Laplace transform in engineering problems.

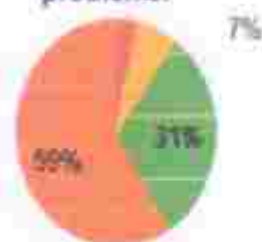


■ 1-Can't say ■ 2-Hardly ■ 3-Moderately ■ 4-Mostly ■ 5-Definitely

CO3. Expand the periodic function by using Fourier series for real life problems and complex engineering problems.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	4	7
4-Mostly	18	31
5-Definitely	34	59
Total	58	100

CO3. Expand the periodic function by using Fourier series for real life problems and complex engineering problems.



1-Can't say 2-Hardly 3-Moderately 4-Mostly 5-Definitely

CO4. Find orthogonal trajectories and analytic function by using basic concepts of complex variable theory.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	3	5
4-Mostly	19	33
5-Definitely	36	62
Total	58	100

CO4. Find orthogonal trajectories and analytic function by using basic concepts of complex variable theory.



1-Can't say 2-Hardly 3-Moderately 4-Mostly 5-Definitely

CO5. Apply the concept of Correlation and Regression to the engineering problems in data science.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	3	5
4-Mostly	17	29
5-Definitely	38	66
Total	58	100

CO5. Apply the concept of Correlation and Regression to the engineering problems in data science.



1-Can't say 2-Hardly 3-Moderately 4-Mostly 5-Definitely

CO6. Understand the concept of probability and expectation for getting spread of data and distribution of probabilities.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	2	3
4-Mostly	20	35
5-Definitely	36	62
Total	58	100

CO6. Understand the concept of probability and expectation for getting spread of data and distribution of probabilities.



1-Can't say 2-Hardly 3-Moderately 4-Mostly 5-Definitely

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Department of Information Technology
Academic Year: 2022-2023(Odd SEM)

Course Exit Analysis Report (SEM III)

Subject: CPP LAB

Subject In-charge: Prof. Kirti Mhamunkar

1. Understand and apply different loops in c++

score	no of student	Percentage
1-cants say	2	3.8
2 Hardly	3	5.7
3- moderate	10	18.9
4-mostly	20	37.7
5 Definitely	18	34
total	53	100



2 Understand the Object Oriented concepts in C++ program

score	no of student	Percentage
1-cants say	2	3.8
2 Hardly	4	7.5
3- moderate	12	22.6
4-mostly	18	34
5 Definitely	17	32.1
total	53	100



3. Understand the multithreaded programs

score	no of student	Percentage
1-cants say	4	7.5
2 Hardly	3	5.7
3- moderate	13	24.5
4-mostly	16	30.2
5 Definitely	17	32.1
total	53	100



4. Understand the use of exception handling and garbage collection in C++ and JAVA

score	no of student	Percentage
1-cants say	3	5.7
2 Hardly	5	9.4
3- moderate	12	22.6
4-mostly	18	34
5 Definitely	15	28.3
total	53	100



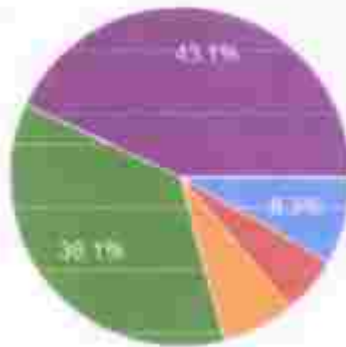
5. Understand the concept of logic Programming Fundamentals-Haskell

score	no of student	Percentage
1-cants say	3	5.7
2 Hardly	4	7.3
3-moderate	9	17
4-mostly	21	39.6
5-Definitely	16	30.2
total	53	100



6. Understand the basic difference between various paradigms fundamental

score	no of student	Percentage
1-cants say	4	7.5
2 Hardly	23	5.7
3-moderate	13	24.5
4-mostly	17	32.1
5-Definitely	16	30.2
total	53	100



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Department of Information Technology
Academic Year 2022-23 (ODD SEM)
Course Exit Analysis Report (SEM III)
Subject: Java Lab
SUBJECT I/C: Madhumati Lotkar

Co 1: Understand basic fundamental concepts of java programming like iteration , control statements etc.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	4	6.6
3. Moderately	13	21.3
4. Mostly	20	32.8
5. Definitely	24	39.3
Total	61	100

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Co2 Able to implement concepts of classes , Object , methods where ever required for finding solution to particular problem.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	4	6.5
3. Moderately	14	23
4. Mostly	20	32.8
5. Definitely	23	37.7
Total	61	100

61 responses



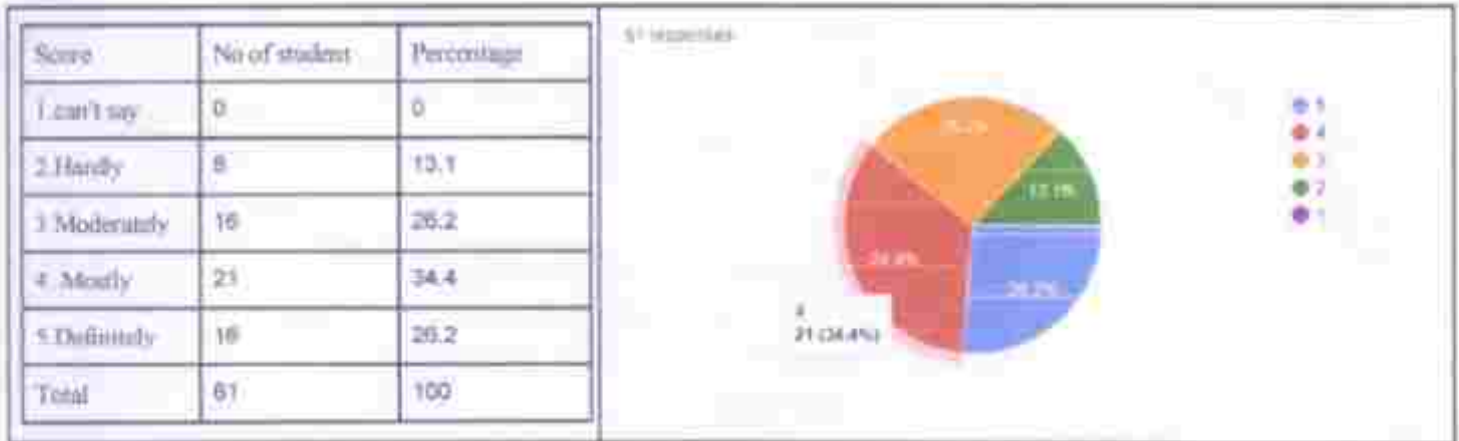
C. 3. Understand how to extend java classes and achieve reusability using Inheritance , Interfaces and Packages

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	5	8.2
3. Moderately	15	24.5
4. Mostly	24	39.3
5. Definitely	17	27.9
Total	61	100

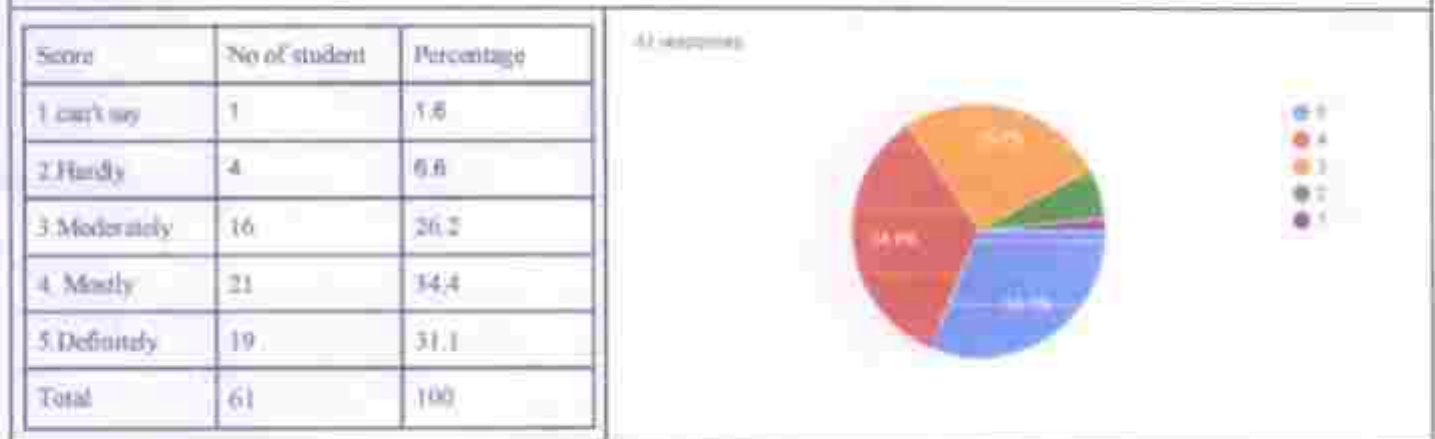
61 responses



C. 4. Understand how to construct robust and faster programmed solutions to problem using concept of Multi-threading , Exception and file handling.



Co 5. Understand how to develop GUI by exploring Swing and AWT components.



6. Understand how to develop GUI by exploring JavaFx framework.



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Department of Information Technology
Academic Year: 2022-2023(ODD SEM)

Course Exit Analysis Report (Sem III)

Subject: SQL Lab

Subject In-charge: Prof. Pranal Kakde

1. Will you able to define problem statement and construct the conceptual model for real life?



Score	No of Student	Percentage
1. Can't Say	5	9.09
2. Least Relevant	3	5.45
3. Moderately Relevant	12	21.82
4. Relevant	15	27.27
5. Strongly Relevant	20	36.36
Total	55	100.00

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



Score	No of Student	Percentage
1. Can't Say	5	9
2. Least Relevant	3	5
3. Moderately Relevant	11	20
4. Relevant	16	29
5. Strongly Relevant	20	36
Total	55	100

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



Score	No of Student	Percentage
1 Can't Say	3	5.45%
2 Least Relevant	7	12.73%
3 Moderately Relevant	10	18.18%
4 Relevant	21	38.18%
5 Strongly Relevant	14	25.45%
Total	55	100.00%

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



Score	No of Student	Percentage
1 Can't Say	5	9.09%
2 Least Relevant	5	9.09%
3 Moderately Relevant	9	16.36%
4 Relevant	20	36.36%
5 Strongly Relevant	16	29.09%
Total	55	100.00%

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	6	10.91
2 Least Relevant	5	9.09
3 Moderately Relevant	13	23.64
4 Relevant	16	29.09
5 Strongly Relevant	15	27.27
Total	55	100.00

6. Are you aware about database connectivity using JDBC?



Score	No of Student	Percentage
1 Can't Say	7	12.73
2 Least Relevant	6	10.91
3 Moderately Relevant	7	12.73
4 Relevant	20	36.36
5 Strongly Relevant	15	27.27
Total	55	100.00

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

Academic Year 2022-23 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	Jam	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/watch?v=wbM8thEQ_BhU	As per requirement


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Department of Information Technology
Academic Year: 2022-2023(EVEN SEM)
Course Exit Analysis Report (Sem IV)


Subject: Computer Organization and Architecture

Subject In-charge: Dr. Sheetal BukkawaR

<p>After successful completion of the course, are you able to solve problems based on number systems and Boolean operations using different Boolean laws? Priority: High</p>  <ul style="list-style-type: none">54321	Score	No. of Students	Percentage (%)
	1- Can't Say	0	0
	2 - Hardly	2	2.7
	3- Moderately	15	20
	4- Mostly	29	38.7
	5- Definitely	29	38.7
	Total	75	100

<p>After successful completion of the course, are you able to explain the generation of control signals in computer system? Priority: High</p>  <ul style="list-style-type: none">54321	Score	No. of Students	Percentage (%)
	1- Can't Say	1	1.3
	2 - Hardly	3	4
	3- Moderately	14	20
	4- Mostly	30	41.3
	5- Definitely	27	37.3
	Total	75	100

<p>After successful completion of the course, are you able to apply arithmetic algorithms and use digital circuits to solve arithmetic problems?</p> <p>75 persons</p> 	Score	No. of Students	Percentage (%)
	1- Can't Say	0	0
	2- Hardly	2	2.7
	3- Moderately	18	20
	4- Mostly	32	41.3
	5- Definitely	23	37.3
	Total	75	100

<p>After successful completion of the course, are you able to discuss the types and characteristics of memories and fundamentals of Cache memory?</p> <p>75 persons</p> 	Score	No. of Students	Percentage (%)
	1- Can't Say	1	1.3
	2- Hardly	3	4
	3- Moderately	14	20
	4- Mostly	30	41.3
	5- Definitely	27	37.3
	Total	75	100

After successful completion of the course, are you able to explain different methods for computer (10 students)?



0%
2.7%
20%
41.3%
37.3%

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	2.7
3- Moderately	18	20
4- Mostly	32	41.3
5- Definitely	23	37.3
Total	75	100

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ACADEMIC YEAR 2022-23 (EVEN SEM)
DEPARTMENT OF INFORMATION TECHNOLOGY
COURSE EXIT REPORT OF OPERATING SYSTEM SEM (IV)

1. Understand the basic concepts related to Operating System.

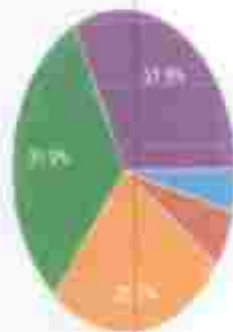
Response



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	1	1.40%
2- Least Relevant	1	1.40%
3- Moderately Relevant	17	24.60%
4- Relevant	25	33.30%
5- Strongly Relevant	26	37.70%
TOTAL:	69	100.00%

2. Describe the process management policies and illustrate scheduling of processes by CPU

Response



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	3	4.30%
2- Least Relevant	4	5.80%
3- Moderately Relevant	18	26.10%
4- Relevant	22	31.90%
5- Strongly Relevant	22	31.90%
TOTAL:	69	100.00%

3. You can explain and apply synchronization primitives and evaluate deadlock conditions handled by Operating System
 (10 questions)



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	2	2.90%
2- Least Relevant	5	11.60%
3- Moderately Relevant	15	21.70%
4- Relevant	22	37.70%
5- Strongly Relevant	22	25.10%
TOTAL	72	100.00%

4. Can you Describe and analyze memory allocation and management functions of Operating System.
 (10 questions)



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	2	2.90%
2- Least Relevant	5	7.10%
3- Moderately Relevant	17	24.60%
4- Relevant	19	37.50%
5- Strongly Relevant	26	27.70%
TOTAL	69	100.00%

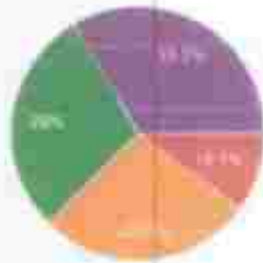
5. Understand, analyze and Evaluate the services provided by Operating System for Storage Management.
 (10 questions)



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	2	2.90%
2- Least Relevant	5	7.10%
3- Moderately Relevant	16	23.20%
4- Relevant	24	34.80%
5- Strongly Relevant	22	31.90%
TOTAL	69	100.00%

6. Can you Compare the functions of various special-purpose Operating Systems.

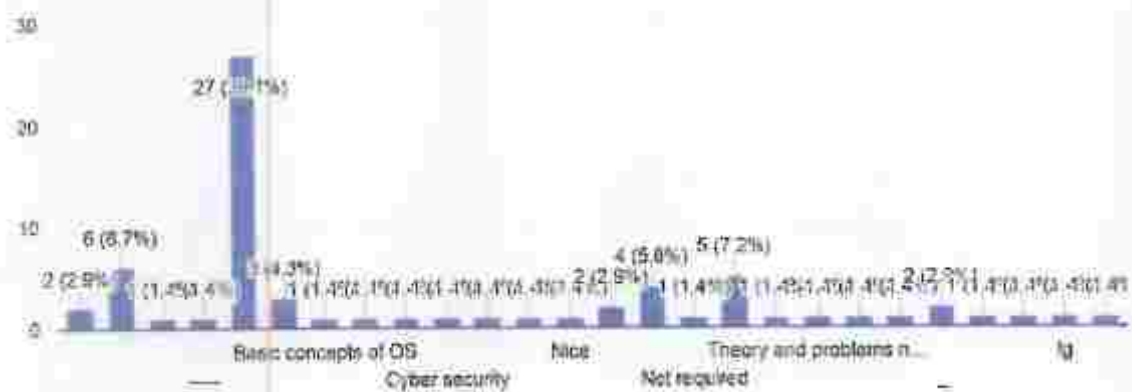
69 responses



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	2	2.90%
2- Least Relevant	7	10.10%
3- Moderately Relevant	18	27.50%
4- Relevant	20	29.00%
5- Strongly Relevant	22	28.50%
TOTAL	69	100.00%

7. List few content of course that you wish to add in current course which is useful in your career

69 responses




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Course Exit Analysis Report (SemIV)

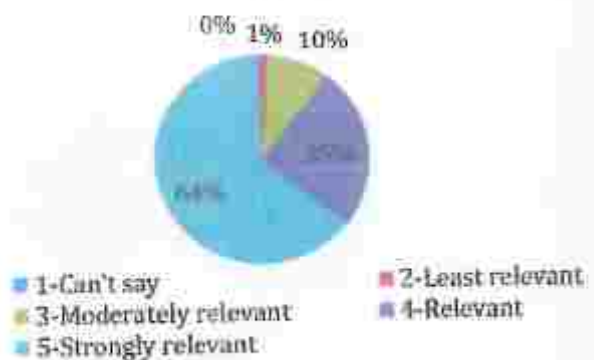
Subject: EM-IV

Subject In-charge: Prof.Vasudeo Nazirkar

CO1: Apply the concept of eigen values and eigen vectors to solve engineering problems

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	1	1
3-Moderately relevant	7	10
4-Relevant	19	25
5-Strongly relevant	48	64
Total	75	100

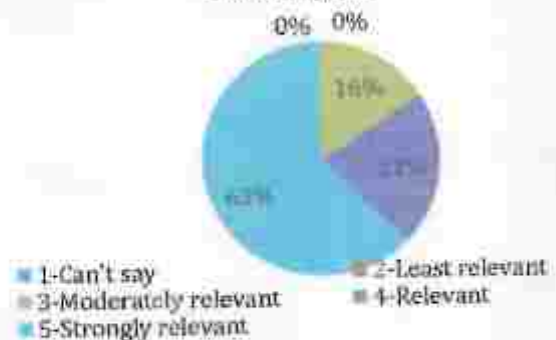
CO1: Apply the concept of eigen values and eigen vectors to solve engineering problems.



CO2: Understand the concept of complex integration for evaluating integrals, computing residues & evaluating various contour integrals.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	12	16
4-Relevant	16	21
5-Strongly relevant	47	63
Total	75	100

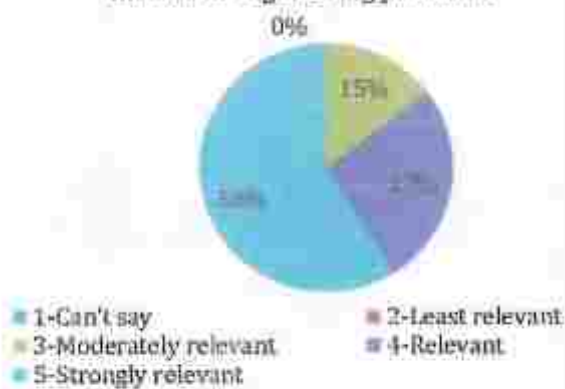
CO2: Understand the concept of complex integration for evaluating integrals, computing residues & evaluating various contour integrals.



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

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	11	15
4-Relevant	20	27
5-Strongly relevant	44	58
Total	75	100

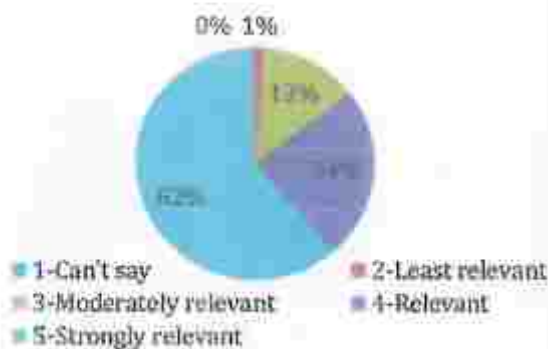
0% CO3. Apply the concept of Z-transform and its inverse in engineering problems.



CO4. Apply the concept of probability distribution to engineering problems and testing hypothesis of small samples using sampling theory.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	1	1
3-Moderately relevant	10	13
4-Relevant	18	24
5-Strongly relevant	46	62
Total	75	100

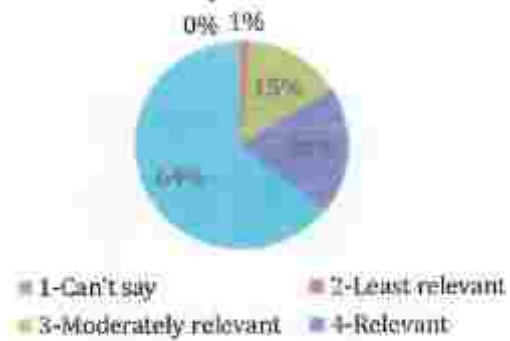
CO4. Apply the concept of probability distribution to engineering problems and testing hypothesis of small samples using sampling theory.



CO5. Apply the concept of Linear programming to solve the optimization problems.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	1	1
3-Moderately relevant	11	15
4-Relevant	15	20
5-Strongly relevant	48	64
Total	75	100

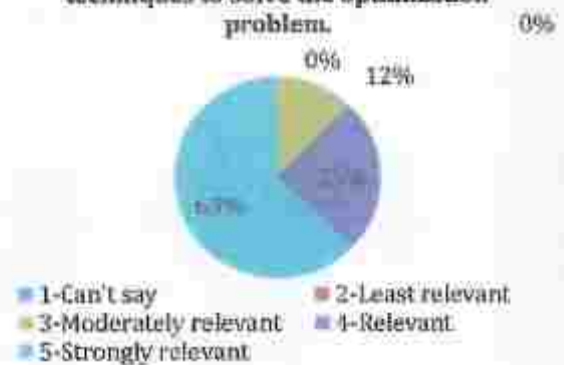
CO5. Apply the concept of Linear programming to solve the optimization problems.



CO6 Use the Non-Linear programming techniques to solve the optimization problem.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	9	12
4-Relevant	19	25
5-Strongly relevant	47	63
Total	75	100

CO6. Use the Non-Linear programming techniques to solve the optimization problem.



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Department of Information Technology

Academic Year: 2022-2023(EVEN SEM)

Course Exit Analysis Report (Sem IV)

Subject: Microprocessor Lab

Subject In-charge: Dr.Divya Tamma

1. Demonstrate various components and peripheral of computer system

score	no of student	Percentage
1- can't say	1	1.4%
2 Hardly	3	4.2%
3- moderate	17	23.6%
4-mostly	25	34.7%
5- Definitely	26	36.1%
total	72	100

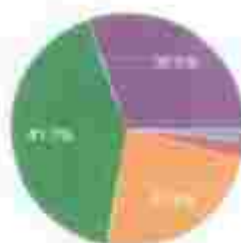
1. Demonstrate various components and peripheral of computer system
72 responses



2. Analyze and design combinational circuits

score	no of student	Percentage
1- can't say	1	1.4%
2 Hardly	2	2.8%
3- moderate	17	23.6%
4-mostly	30	41.7%
5- Definitely	22	30.6%
total	72	100

2. Analyze and design combinational circuits
72 responses



3. Simulate a program on a microprocessor using arithmetic & logical instruction

score	no of student	Percentage
1-cants say	1	1.4%
2 Hardly	6	8.3%
3-moderate	15	20.8%
4-mostly	26	36.1%
5 Definitely	24	33.3%
total	72	100%

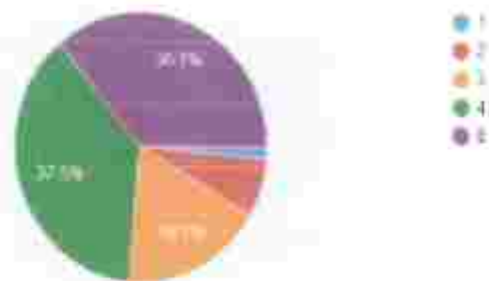
3. Simulate a program on a microprocessor using arithmetic & logical instruction
72 responses



4. Develop the assembly level programming using 8086 loop instruction set

score	no of student	Percentage
1-cants say	1	1.4%
2 Hardly	5	6.9%
3-moderate	13	18.1%
4-mostly	27	37.5%
5 Definitely	26	36.1%
total	72	100%

4. Develop the assembly level programming using 8086 loop instruction set
72 responses



5. Implement programs based on string and procedure for 8086 microprocessor.

score	no of student	Percentage
1-cant say	1	1.4%
2 Hardly	6	8.3%
3-moderate	16	22.2%
4-mostly	21	29.2%
5 Definitely	28	38.9%
total	72	100%

5. Implement programs based on string and procedure for 8086 microprocessor.

72 responses



6. Design interfacing of peripheral devices with 8086 microprocessor.

score	no of student	Percentage
1-cant say	2	2.8%
2 Hardly	6	8.3%
3-moderate	15	20.8%
4-mostly	21	29.2%
5 Definitely	28	38.9%
total	72	100%

6. Design interfacing of peripheral devices with 8086 microprocessor.

72 responses



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Department of Information Technology
Academic Year: 2022-2023(even SEM)

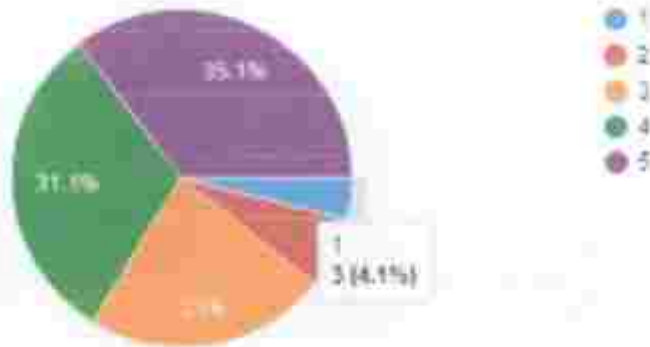
Course Exit Analysis Report (SEM IV)

Subject: Networking lab

Subject In-charge: Prof. Kirti Mhamunkar/Prog Ragini Sharma

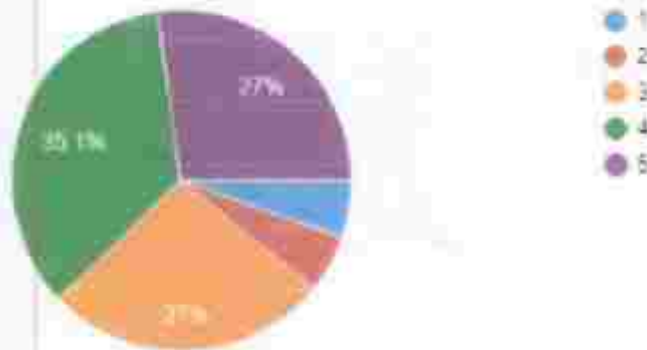
1. Demonstrate Basic network administration commands

score	no of student	Percentage
1-cants say	3	4.1
2 Hardly	5	6.8
3-moderate	17	23
4-mostly	23	31.1
5 Definitely	26	35.1
total	74	100



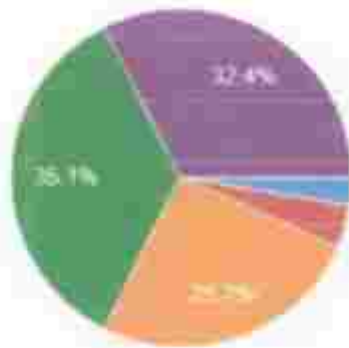
2. Implementation of TCL scripting

score	no of student	Percentage
1-cants say	4	5.4
2 Hardly	4	5.4
3-moderate	20	27
4-mostly	26	35.1
5 Definitely	20	27
total	74	100



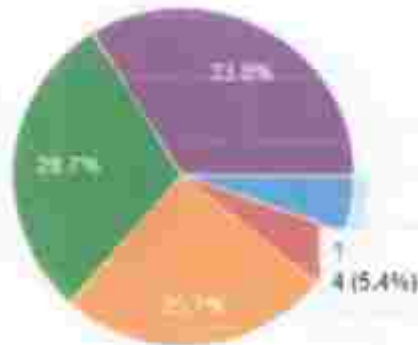
3. Investigate and examine Network performance

score	no of student	Percentage
1-cants say	2	2.7
2 Hardly	3	4.1
3-moderate	19	25.7
4-mostly	26	35.1
5 Definitely	24	32.4
total	74	100



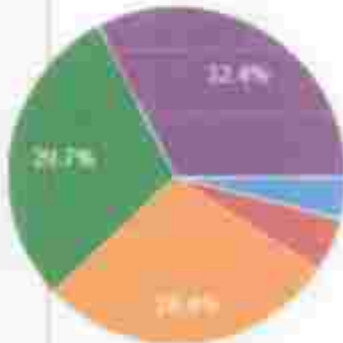
4. Implement client-server socket Architecture using TCP/UDP

score	no of student	Percentage
1-cants say	4	5.4
2 Hardly	4	5.4
3-moderate	19	25.7
4-mostly	22	29.7
5 Definitely	35	33.8
total	74	100



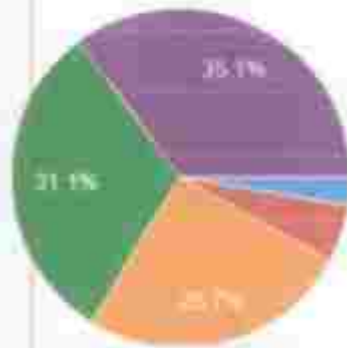
5. Analyse the traffic flow using tools

score	no of student	Percentage
1-cant say	3	4.1
2 Hardly	4	5.4
3-moderate	21	28.4
4-mostly	22	29.7
5-Definitely	24	32.4
total	74	100



6. Design and configure a network for an organization.

score	no of student	Percentage
1-cant say	2	2.7
2 Hardly	4	5.4
3-moderate	19	25.7
4-mostly	23	31.1
5-Definitely	26	35.1
total	74	100



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Department of Information Technology

Academic Year: 2022-2023(EVEN SEM)

Course Exit Analysis Report (Sem IV)

Subject: Second Year Mini Project

Subject In-charge: Dr.Divya Tamma

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-cant say	3	4.8%
2 Hardly	8	12.9%
3-moderate	11	17.7%
4-mostly	23	37.1%
5 Definitely	17	27.4%
total	62	100

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

12 responses

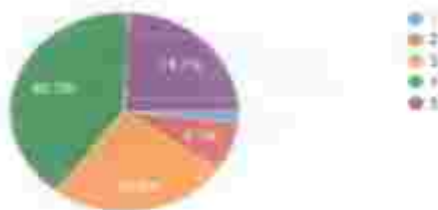


2. Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

score	no of student	Percentage
1-cant say	1	1.6%
2 Hardly	5	8.1%
3-moderate	16	25.8%
4-mostly	25	40.3%
5 Definitely	15	24.2%
total	62	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

12 responses

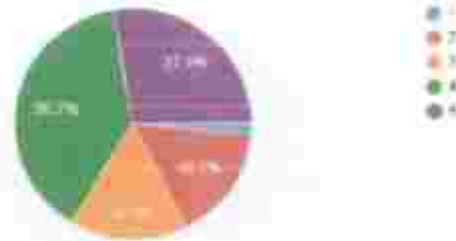


3. Critically analyze data through theoretical/experimental/simulations and describe management techniques to analyze the impact of solutions in societal and environmental context for sustainable development

score	no of student	Percentage
1-cant say	1	1.6%
2 Hardly	10	16.1%
3-moderate	10	16.1%
4-mostly	24	38.7%
5 Definitely	17	27.4%
total	62	100%

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

62 responses

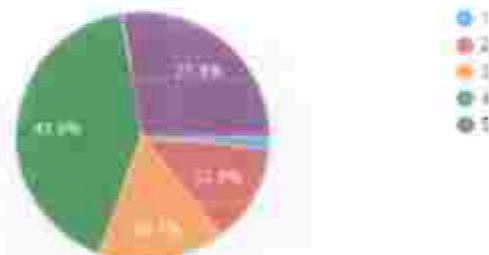


4. Interpret legislation, regulations, codes and use standard norms of engineering practices to identify and understand situations of unethical professional conduct and propose ethical alternatives

score	no of student	Percentage
1-cant say	1	1.6%
2 Hardly	8	12.9%
3-moderate	10	16.1%
4-mostly	26	41.9%
5 Definitely	17	27.4%
total	62	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

62 responses



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-cant say	2	3.2%
2 Hardly	6	9.7%
3-moderate	13	21%
4-mostly	22	35.5%
5 Definitely	19	30.6%
total	72	100%

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

no response



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-cant say	1	1.6%
2 Hardly	7	11.3%
3-moderate	13	21%
4-mostly	24	38.7%
5 Definitely	17	27.4%
total	62	100

6. Use project management tools to schedule project work and describe the rationale leading to lifelong learning for continuing professional development

no response



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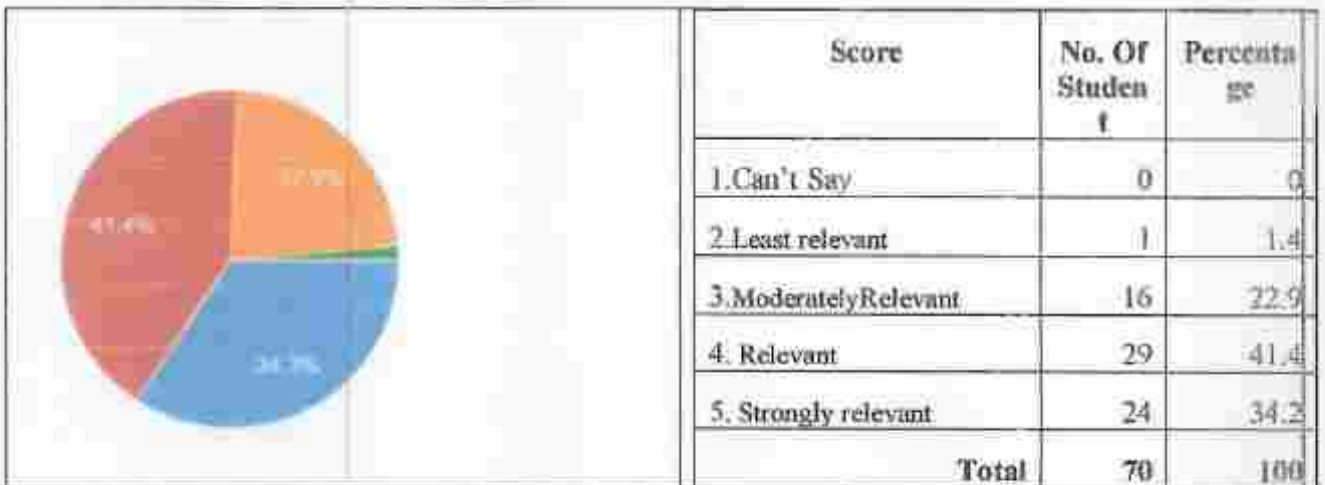
Department of Information Technology
Academic Year: 2022-2023(EVEN SEM)
Course Exit Analysis Report (SemIV)

Subject: CNN&D

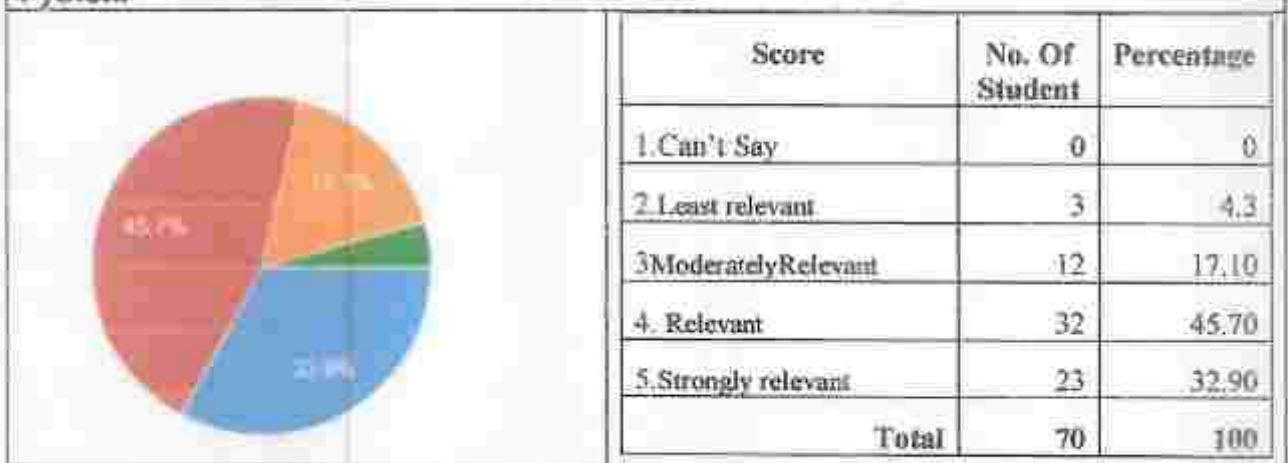
Subject In-charge: Prof. Vaishali Jadhav

1. Have you understood the structure, syntax, and semantics of the Python language?			
	Score	No. Of Student	Percentage
	1. Can't Say	0	0
	2. Least relevant	1	1.4
	3. Moderately Relevant	11	15.7
	4. Relevant	32	45.7
	5. Strongly relevant	26	37.1
	Total	70	100

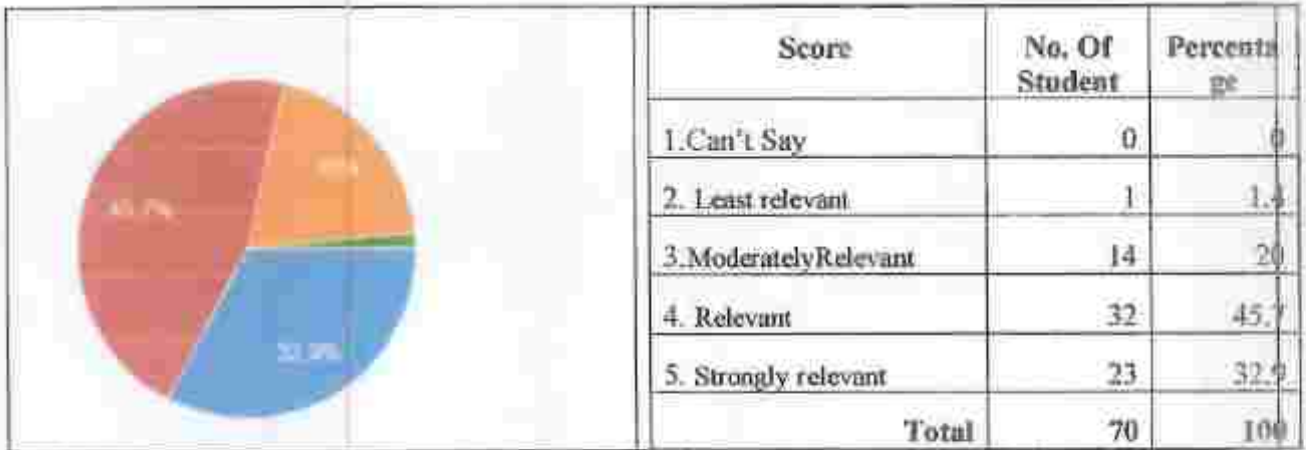
2. Are you able to interpret advanced data types and functions in python.



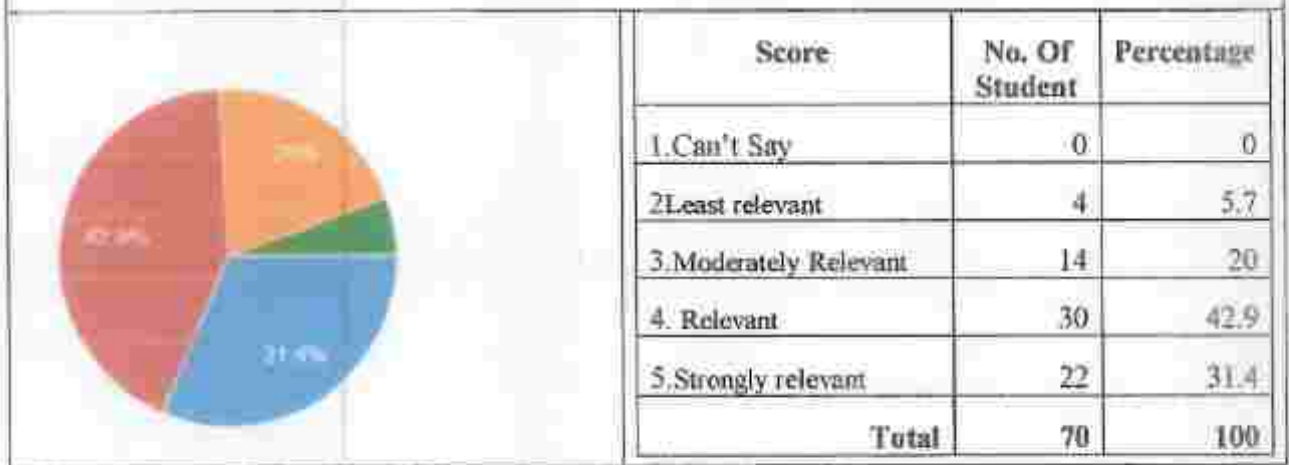
3. Are you able to illustrate the concepts of object-oriented programming as used in Python.



4. Are you able to create Python applications using modules, packages, multithreading and exception handling.



5. Are you able to gain proficiency in writing File Handling programs ,also create GUI applications and evaluate database operations in python.



6. Are you able to Design and Develop cost-effective robust applications using the latest Python trends and technologies?



Score	No. Of Student	Percentage
1. Can't Say	0	0
2. Least relevant	4	5.7
3. Moderately Relevant	12	17.1
4. Relevant	30	42.9
5. Strongly relevant	24	34.3
Total	70	100

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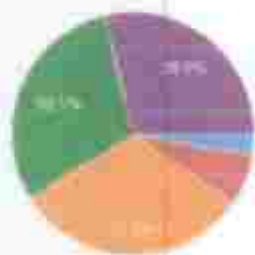
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ACADEMIC YEAR 2022-23 (EVEN SEM)
DEPARTMENT OF INFORMATION TECHNOLOGY
COURSE EXIT REPORT OF UNIX LAB SEM (IV)

Understand the architecture and functioning of Unix

Co-Outcome 1



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	2	2.90%
2- Least Relevant	5	6.90%
3- Moderately Relevant	18	31.50%
4- Relevant	20	30.10%
5- Strongly Relevant	23	28.60%
TOTAL	68	100.00%

2. Able to identify the Unix general purpose commands.

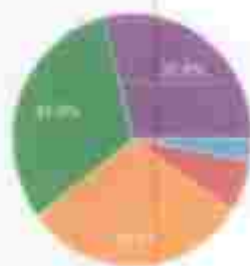
Co-Outcome 2



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	3	4.10%
2- Least Relevant	4	5.50%
3- Moderately Relevant	13	28.50%
4- Relevant	20	28.70%
5- Strongly Relevant	28	33.20%
TOTAL	68	100.00%

3. Able to Apply Unix commands for system administrative tasks such as file system management and user management.

73 responses



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	2	2.70%
2- Least Relevant	5	8.80%
3- Moderately Relevant	22	30.10%
4- Relevant	23	31.50%
5- Strongly Relevant	21	26.90%
TOTAL	73	100.00%

4. Are you able to execute Unix commands for system administrative tasks such as process management and memory management.

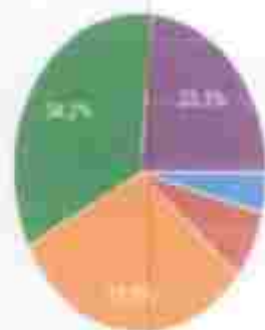
73 responses



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	2	2.70%
2- Least Relevant	4	5.50%
3- Moderately Relevant	18	31.50%
4- Relevant	26	35.60%
5- Strongly Relevant	23	24.70%
TOTAL	73	100.00%

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

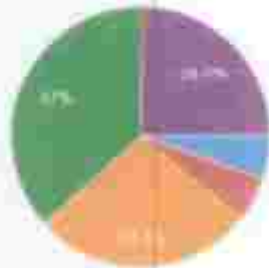
73 responses



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	3	2.70%
2- Least Relevant	5	5.50%
3- Moderately Relevant	23	31.50%
4- Relevant	26	34.20%
5- Strongly Relevant	17	23.30%
TOTAL	73	100.00%

6. Implement advanced scripts using awk, languages and grep commands for performing various tasks

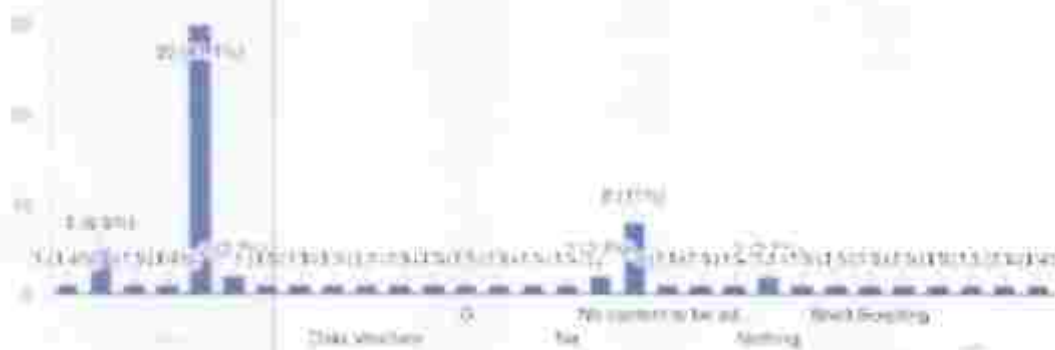
22 responses



SCORE	NO OF STUDENT	PERCENTAGE
1- Can't say	4	3.10%
2- Least Relevant	4	3.90%
3- Moderately Relevant	23	27.40%
4- Relevant	22	27.00%
5- Strongly Relevant	17	24.7%
TOTAL	70	100.00%

7. List few content of course that you wish to add in current course which is useful in your career

22 responses



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Department of Information Technology
Action taken based on feedback from students (CO & PO)
Academic year 2022-23 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/12pnu1CM65iyEMWSNyz86vBZcS9dlamBTAiew2usp=drive_web&authuser=0 https://drive.google.com/file/d/1FTYNd9aGHEZGx9sZ2Y01fw98SolCoSa/view?usp=drive_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
 Bangalore, India - 560075

Department of Information Technology
 Academic Year: 2022-2023(ODD SEM)

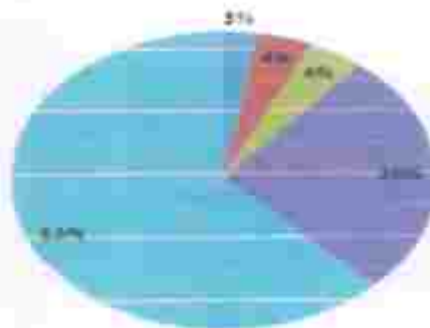
Course Exit Analysis Report (Sem V)

Subject: Security Lab

Subject In-charge: Dr.Divya Tamma

1. Apply engineering fundamentals to apply the knowledge of symmetric cryptography to implement classical ciphers.

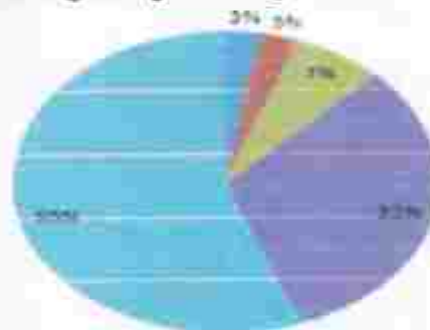
score	no of student	Percentage
1-cants say	2	2.7%
2 Hardly	3	4.1%
3- moderate	3	4.1%
4-mostly	19	26.3%
5 Definitely	45	62.5%
total	72	100



- 1- 1-cants say
- 2- 2 Hardly
- 3- 3- moderate
- 4- 4-mostly
- 5- 5 Definitely

2. Identify mathematical algorithm knowledge that applies to a given problem to analyze and implement public key encryption algorithms, hashing and digital signature algorithms.

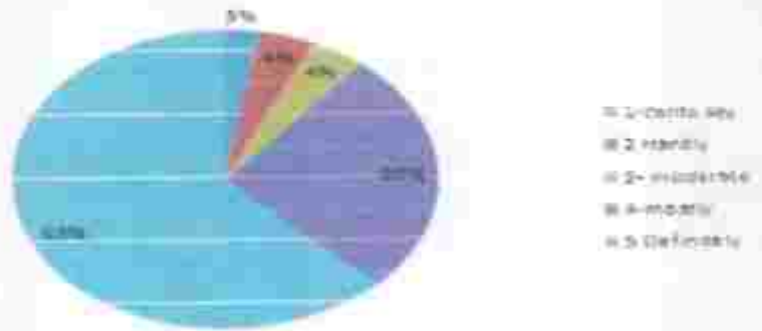
score	no of student	Percentage
1-cants say	2	2.7%
2 Hardly	2	2.7%
3- moderate	5	6.9%
4-mostly	23	32%
5 Definitely	40	55.5%
total	72	100



- 1- 1-cants say
- 2- 2 Hardly
- 3- 3- moderate
- 4- 4-mostly
- 5- 5 Definitely

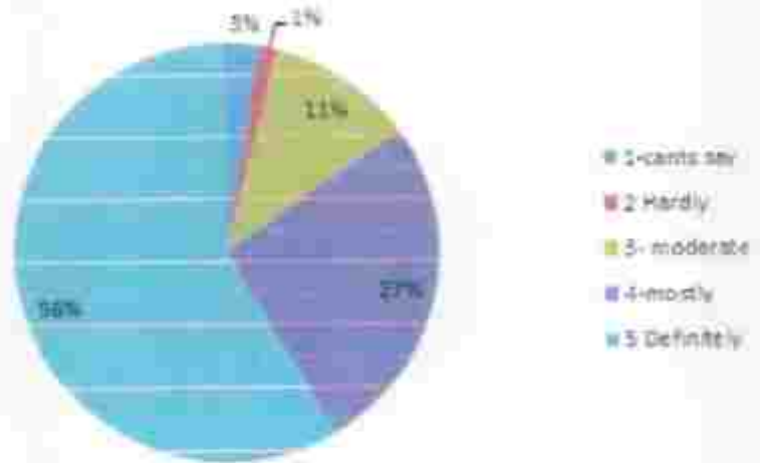
3. create/adapt/modify/extend tools and techniques to solve engineering problems by exploring the different network reconnaissance tools to gather information about networks.

score	no of student	Percentage
1-cants say	2	2.7%
2 Hardly	3	4.1%
3- moderate	3	4.1%
4-mostly	19	26.3%
5 Definitely	45	62.5%
total	72	100%



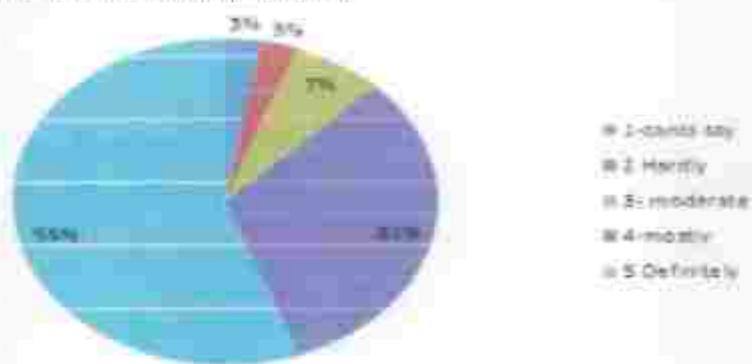
4. create/adapt/modify/extend tools and techniques to solve engineering problems by using tools like sniffers, port scanners and other related tools for analyzing packets in a network.

score	no of student	Percentage
1-cants say	2	2.7%
2 Hardly	1	1.3%
3- moderate	8	11.1%
4-mostly	19	26.3%
5 Definitely	42	58.3%
total	72	100%



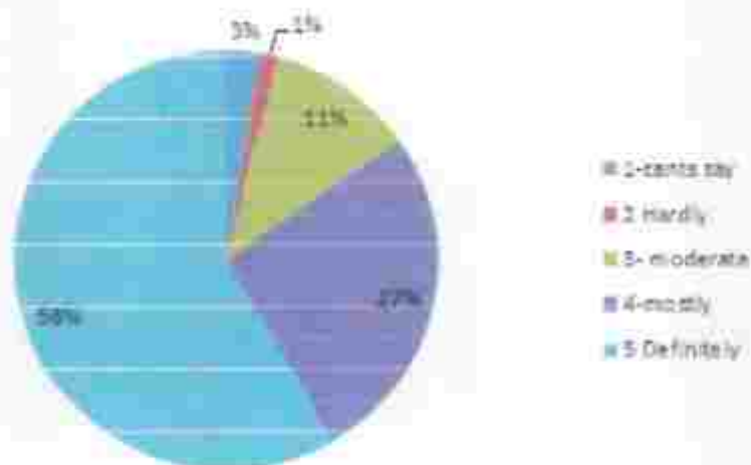
5. Identify modern engineering tools, techniques and resources for engineering activities by using open source tools to scan the network for vulnerabilities and simulate attacks.

score	no of student	Percentage
1-cant say	2	2.7%
2 Hardly	2	2.7%
3-moderate	5	6.9%
4-mostly	23	32%
5 Definitely	40	55.5%
total	72	100



6. Demonstrate proficiency in using discipline-specific tools by demonstrating the network security system using open source tools

score	no of student	Percentage
1-cant say	2	2.7%
2 Hardly	1	1.3%
3-moderate	8	11.1%
4-mostly	19	26.3%
5 Definitely	42	58.3%
total	72	100%



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Department of Information Technology
Academic Year: 2022-2023(ODD SEM)

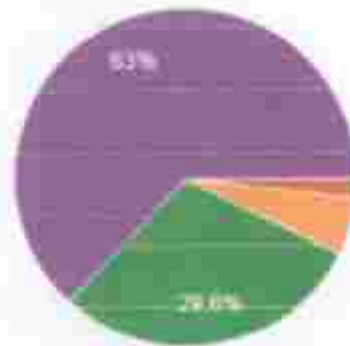
Course Exit Analysis Report (Sem V)

Subject: Adv. Devops

Subject In-charge: Prof. Pragati Pejlekar

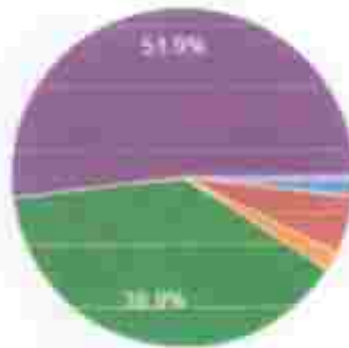
1. Understand the fundamentals of cloud computing

score	no of student	Percentage
1-cants say	0	0
2 Hardly	1	1.9
3-moderate	3	5.6
4-mostly	16	29
5 Definitely	34	63
total	54	100



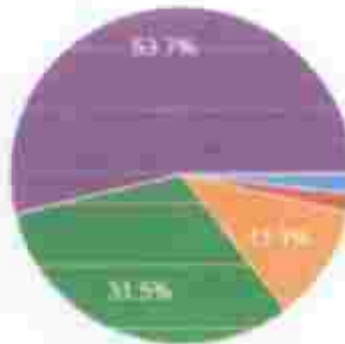
2. To deploy single and multiple container applications using Kubernets

score	no of student	Percentage
1-cants say	1	1.9
2 Hardly	3	5.6
3- moderate	1	1.9
4-mostly	21	38.9
5 Definitely	28	51.9
total	54	100



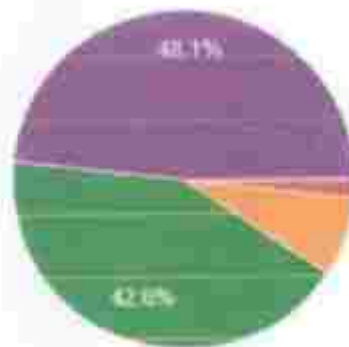
3 Understand Terraform to define and deploy cloud infrastructure

score	no of student	Percentage
1-cants say	1	1.9
2 Hardly	1	1.9
3- moderate	6	11.1
4-mostly	17	31.5
5 Definitely	29	53.7
total	54	100%



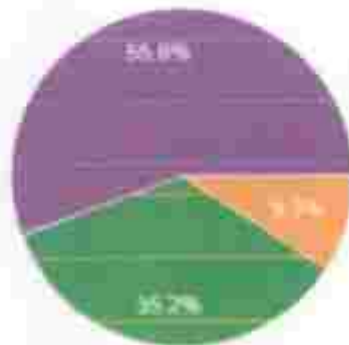
4. To identify application vulnerabilities using SAST Techniques.

score	no of student	Percentage
1-cants say	0	0
2 Hardly	1	1.9
3-moderate	4	7.4
4-mostly	23	42.6
5 Definitely	26	48.1
total	54	100%



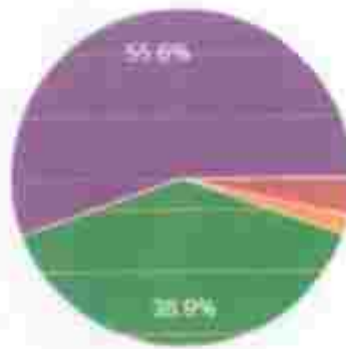
5. To use continuous Monitoring Tools using Nagios to resolve system errors

score	no of student	Percentage
1-cants say	0	0
2 Hardly	0	0
3-moderate	5	9.3
4-mostly	19	35.2
5 Definitely	30	55.6
total	54	100



8 To engineer a composition of nano services using AWS Lamda with the serverless framework

score	no of student	Percentage
1-certs say	0	0
2 Hardly	2	3.7
3-moderate	1	1.6
4-mostly	21	38.9
5 Definitely	30	55.6
total	54	100




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Department of Information Technology
Academic Year: 2022-2023(ODD SEM)

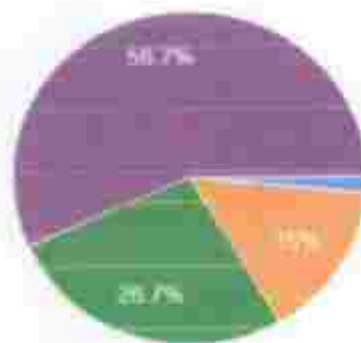
Course Exit Analysis Report (Sem V)

Subject: ADMT

Subject In-charge: Prof. Pragati Pejlekar

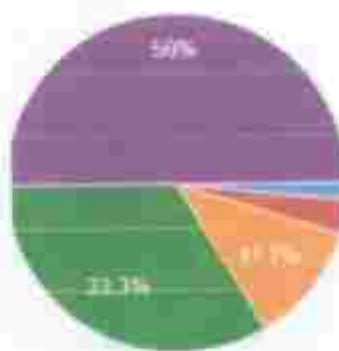
1. Understand and analyze measure of query cost and design alternative efficient paths for query execution

score	no of student	Percentage
1-cant say	1	1.6
2 Hardly	0	0
3-moderate	9	15
4-mostly	17	26.7
5 Definitely	34	56.7
total	61	100%



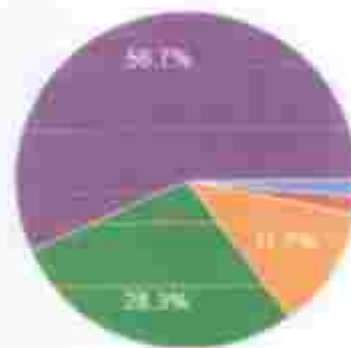
2. Discuss and categorize sophisticated access protocols to control the database

score	no of student	Percentage
1-cants say	1	1.6
2 Hardly	2	3.3
3- moderate	7	11.7
4-mostly	21	33.3
5 Definitely	30	50
total	61	100%



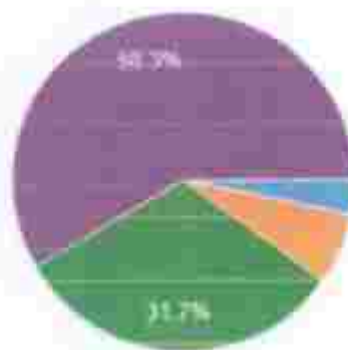
3 Understand and explore concept of distributed database system and it's properties

score	no of student	Percentage
1-cants say	1	1.6
2 Hardly	1	1.6
3- moderate	7	11.7
4-mostly	18	28.3
5 Definitely	34	56.7
total	61	100%



4. Understand explore and analyze concept of data warehouse , OLAP and recognize its use for analytics purpose

score	no of student	Percentage
1-cants say	2	3.3
2 Hardly	0	0
3- moderate	4	6.6
4-mostly	20	31.7
5 Definitely	35	58.3
total	61	100%



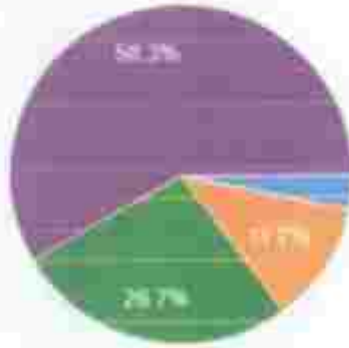
5. Understand and analyze data using OLAP operations to take strategic decisions by ETL process

score	no of student	Percentage
1-cants say	1	1.6
2 Hardly	0	0
3- moderate	5	8.3
4-mostly	20	31.7
5 Definitely	35	58.3
total	61	100%



6 Understand and analyze concept of big data and nosql

score	no of student	Percentage
1-cants say	2	3.3
2 Hardly	0	0
3-moderate	8	11.7
4-mostly	16	26.7
5 Definitely	35	58.3
total	61	100%



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Department of Information Technology
Academic Year: 2022-23 (ODD SEM)
Course Exit Analysis Report (Sem – V)
Subject – Internet Programming Lab
Subject In-charge – Prof. Ragini Sharma

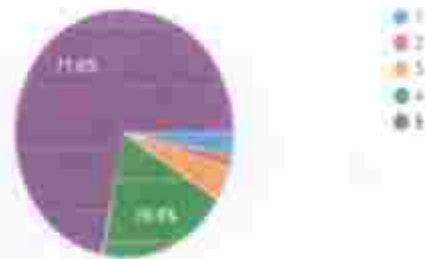
Score	No. of Students	Percentage
1-Can't Say	3	4.5%
2- Definitely	0	0%
3-Hardly	3	4.5%
4-Moderately	13	19.4%
5-Mostly	48	71.6%
Total	67	100%

Identify functionalities and apply appropriate HTML tags to create a webpage
 (7 marks)



Score	No. of Students	Percentage
1-Can't Say	2	3%
2- Definitely	1	1.5%
3-Hardly	3	4.5%
4-Moderately	13	19.4%
5-Mostly	48	71.6%
Total	67	100%

Identify functionalities and apply CSS tags to format data on webpage
 (7 marks)



Score	No. of Students	Percentage
1-Can't Say	2	3%
2- Definitely	1	1.5%
3-Hardly	4	6%
4-Moderately	16	23.9%
5-Mostly	44	65.7%
Total	67	100%

Able to understand and produce responsive websites using Bootstrap visited to meet functional requirements
 (7 marks)





Department of Information Technology
Academic Year: 2022-23 (ODD SEM)

Score	No. of Students	Percentage
1-Can't Say	2	3%
2- Definitely	0	0%
3-Hardly	2	3%
4-Moderately	17	25.4%
5-Mostly	46	68.7%
Total	67	100%

Design and develop interactive web pages using JavaScript
47 responses



Score	No. of Students	Percentage
1-Can't Say	2	3%
2- Definitely	0	0.7%
3-Hardly	6	9%
4-Moderately	14	20.9%
5-Mostly	45	67.2%
Total	67	100%

Ability to construct and implement front end applications using React.js
47 responses



Score	No. of Students	Percentage
1-Can't Say	2	3%
2- Definitely	0	0%
3-Hardly	5	7.5%
4-Moderately	15	22.4%
5-Mostly	45	67.2%
Total	67	100%

Ability to implement and integrate back end applications using Node.js
47 responses




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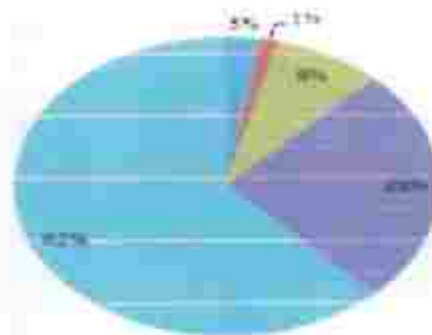
Course Exit Analysis Report (Sem V)

Subject: Computer Network Security

Subject In-charge: Dr.Divya Tamma

1. Understand security objectives, Apply the knowledge of mathematical concepts, matrix and numerical techniques, and Analyze various encryption techniques.

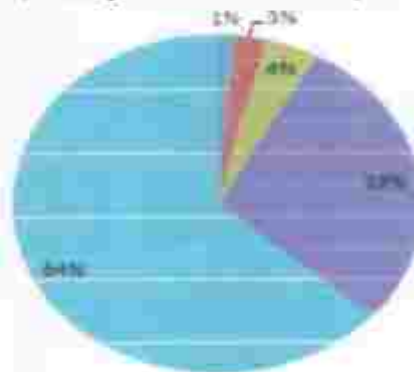
score	no of student	Percentage
1-cant say	2	4%
2 Hardly	1	1%
3-moderate	6	8%
4-mostly	19	25%
5 Definitely	46	62%
total	74	100



■ 1-cant say
 ■ 2 Hardly
 ■ 3-moderate
 ■ 4-mostly
 ■ 5 Definitely

2. Understand and Apply theory and principles of computer science and engineering to Design various secure cryptographic applications. Create, modify and extend techniques to provide security.

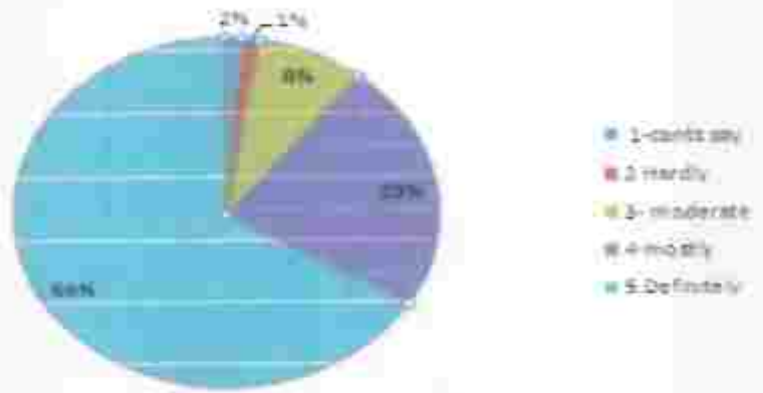
score	no of student	Percentage
1-cant say	1	1.3%
2 Hardly	2	2.7%
3-moderate	3	4%
4-mostly	21	28.3%
5 Definitely	47	63.5%
total	74	100



■ 1-cant say
 ■ 2 Hardly
 ■ 3-moderate
 ■ 4-mostly
 ■ 5 Definitely

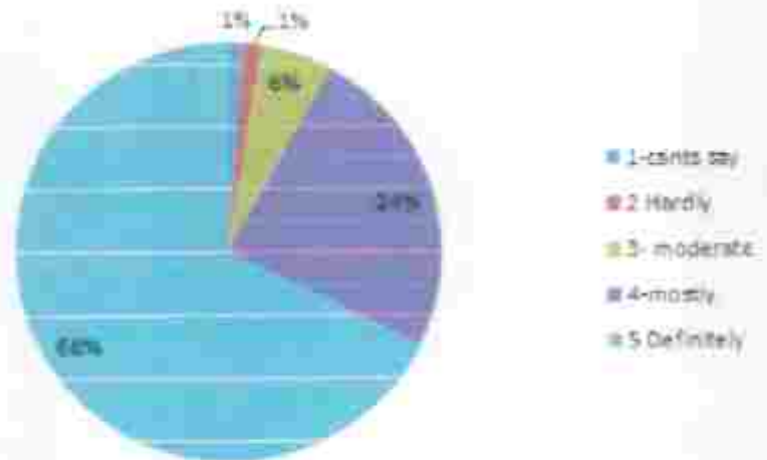
3. Identify Different types of malicious Software and its effect on the security.

score	no of student	Percentage
1-cant's say	1	1.3%
2 Hardly	1	1.3%
3- moderate	6	8%
4-mostly	17	23%
5 Definitely	49	66.2%
total	74	100%



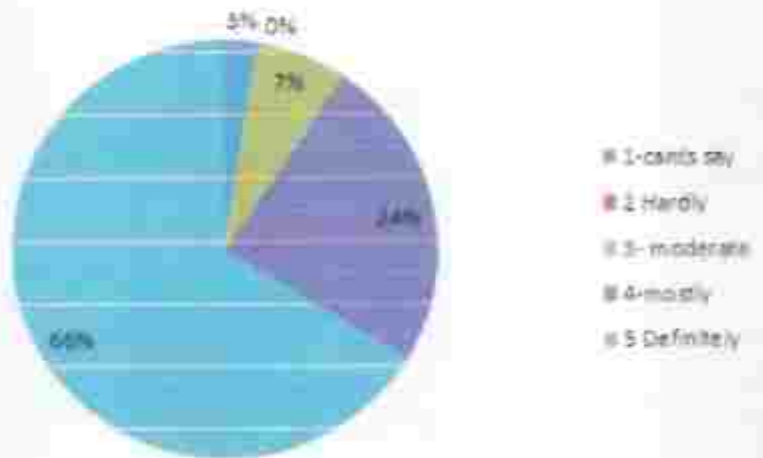
4. Explore design issues and working principles of various secure communication standards including IPsec, and SSL/TLS and email and apply them to provide security for professional concern.

score	no of student	Percentage
1-cant's say	1	1.3%
2 Hardly	1	1.3%
3- moderate	4	5.4%
4-mostly	18	24.3%
5 Definitely	50	67.5%
total	74	100%



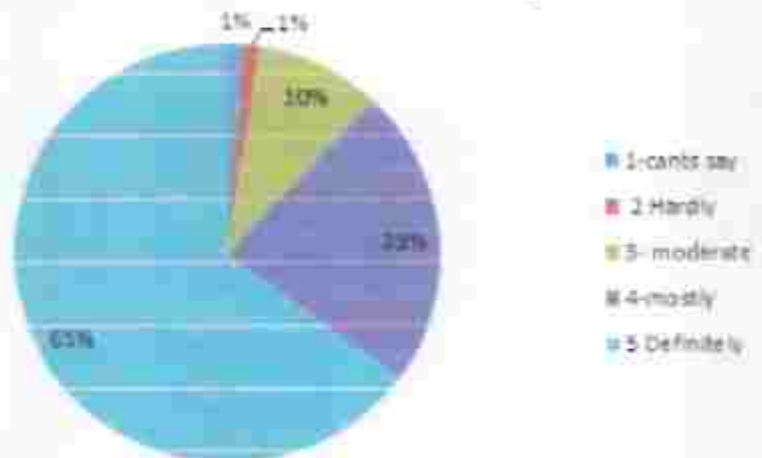
5. Design Network management security architecture and Apply Network Access Control techniques to provide Computer Security.

score	no of student	Percentage
1-cants say	2	2.7%
2 Hardly	0	0%
3- moderate	5	6.7%
4-mostly	18	24.3%
5 Definitely	49	66.2%
total	74	100



6. Evaluate the performance and application of firewall and IDS in network security.

score	no of student	Percentage
1-cants say	1	1.3%
2 Hardly	1	1.3%
3- moderate	7	9.4%
4-mostly	17	23%
5 Definitely	48	64.8%
total	74	100




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Department of Information Technology
Academic Year: 2022-23 (ODD SEM)
Course Exit Analysis Report (Sem – V)
Subject – Internet Programming
Subject In-charge – Prof. Ragini Sharma

Identify modern engineering technologies required for various web applications.
68 students

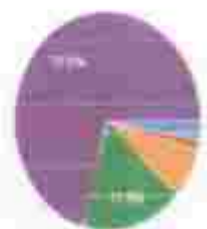
Score	No. of Students	Percentage
1-Can't Say	1	1.5%
2- Definitely	0	0%
3-Hardly	4	5.9%
4-Moderately	15	22.1%
5-Mostly	48	70.6%
Total	68	100%



1
2
3
4
5

Apply to choose and apply appropriate JavaScript to add functionality to web pages.
Compare, contrast, and analyze ES6 and ES5 standards.
68 students

Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.5%
3-Hardly	5	7.4%
4-Moderately	12	17.6%
5-Mostly	48	70.6%
Total	68	100%



1
2
3
4
5

Design and develop appropriate front-end application using methodologies of Ajax.
React
68 students

Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.5%
3-Hardly	3	4.4%
4-Moderately	15	22.1%
5-Mostly	47	69.1%
Total	68	100%



1
2
3
4
5



Department of Information Technology
Academic Year: 2022-23 (ODD SEM)

Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.5%
3-Hardly	3	4.4%
4-Moderately	15	22.1%
5-Mostly	47	69.1%
Total	68	100%

Able to analyze or design a variety of potential front-end applications using functional components of React JS



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	0	0.7%
3-Hardly	4	5.9%
4-Moderately	17	25%
5-Mostly	45	65.2%
Total	68	100%

Design and develop appropriate back-end applications using Node.js




Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	0	0%
3-Hardly	5	7.4%
4-Moderately	18	26.5%
5-Mostly	43	63.2%
Total	68	100%

Able to implement and integrate web based Node.js applications using Express JS




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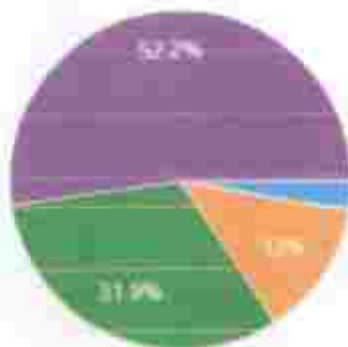
Course Exit Analysis Report (Sem V)

Subject: SE

Subject In-charge: Prof. Kirti Mhamunkar

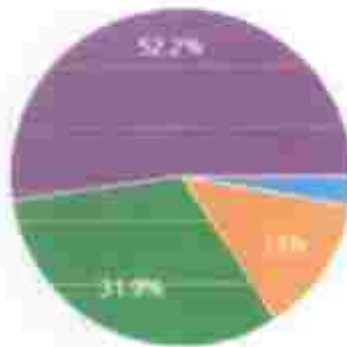
1. Understand the concept of software engineering and its process model

score	no of student	Percentage
1-cant say	2	2.9%
2 Hardly	0	0%
3-moderate	9	13%
4-mostly	22	31.9%
5-Definitely	36	52.2%
total	69	100



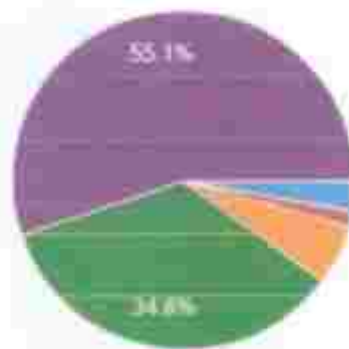
2. Understand and analyze the requirement engineering

score	no of student	Percentage
1-cant say	2	2.9%
2 Hardly	0	0%
3-moderate	9	13%
4-mostly	22	31.9%
5-Definitely	36	52.2%
total	69	100



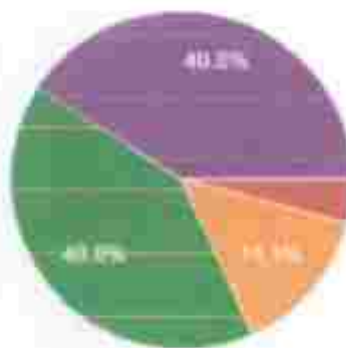
3 Understand the concept of classification and its methods UML diagram and draw for system

score	no of student	Percentage
1-cants say	2	2.9
2 Hardly	1	1.4
3- moderate	4	5.8
4-mostly	24	34.8%
5 Definitely	38	55.1%
total	69	100%



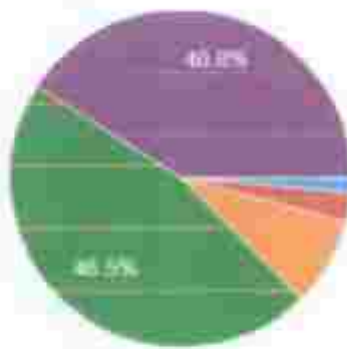
4. Understand explore and analyze the concept of software testing and its different techniques

score	no of student	Percentage
1-cants say	2	2.9%
2 Hardly	2	2.9
3- moderate	6	8.7
4-mostly	23	33.3
5 Definitely	36	52.2
total	69	100%



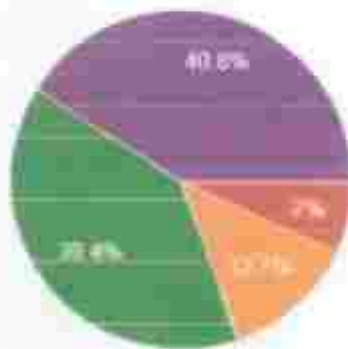
5. Understand explore and analyze project planning phase

score	no. of student	Percentage
1-cants say	1	1.4
2 Hardly	2	2.9
3-moderate	8	11.6
4-mostly	25	36.2
5 Definitely	33	47.8
total	69	100



6. Understand the different Project scheduling tools for project timeline

score	no. of student	Percentage
1-cants say	3	4.3
2 Hardly	1	1.4
3-moderate	7	10.1
4-mostly	23	33.3
5 Definitely	35	50.7
total	69	100



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Department of Information Technology
Academic Year 2022-23 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: Devops Lab
SUBJECT I/C: Madhumati Lotkar

Co 1. 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	1	1.4
3. Moderately	4	5.6
4. Mostly	22	30.6
5. Definitely	45	62.5
Total	72	100

72 responses



Co2. Able to select, implement and integrate Git Version Control strategies in the modules.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.4
3. Moderately	2	2.8
4. Mostly	22	30.6
5. Definitely	45	62.5
Total	72	100

72 responses

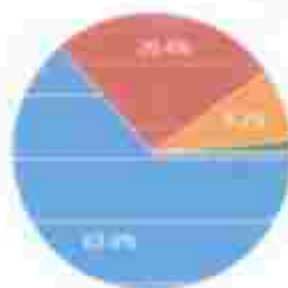


4. Mostly	26	36.1
5. Definitely	43	59.7
Total	72	100

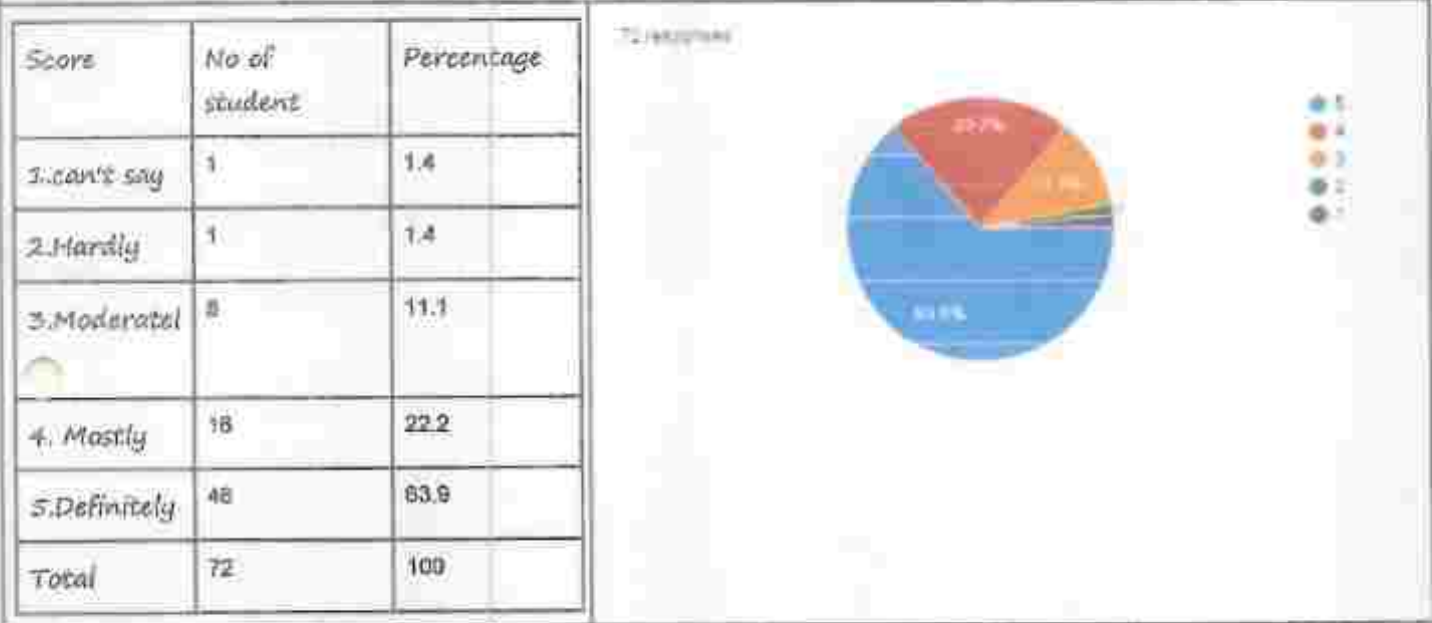
Co 3. Identify the strengths and limitations of Jenkins tool to build, deploy and test Software Applications.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.4
3. Moderately	6	8.3
4. Mostly	19	26.4
5. Definitely	46	63.9
Total	72	100

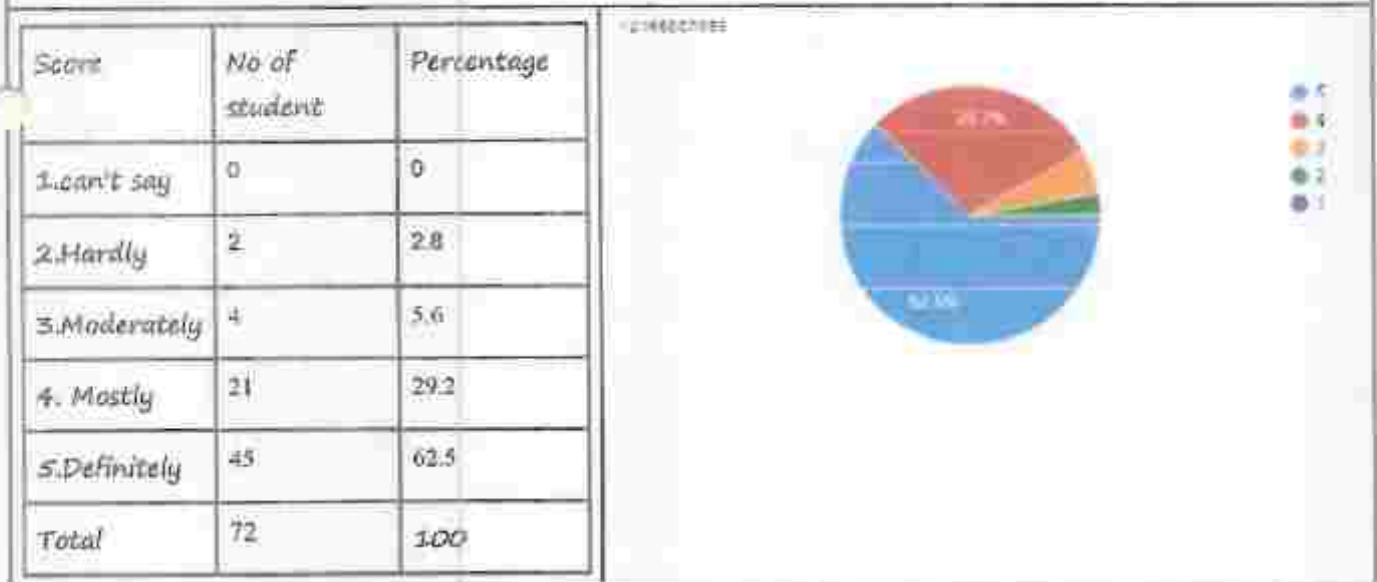
72 responses



Co 4. Identify and understand the importance of Selenium and Jenkins to test software applications.



Co 5. Analyze and illustrate the containerization of images and deployment of application over Docker



Co 6 .Adapt and integrate Software configuration Management tool Ansible for Provisioning

Score	No of student	Percentage
1.Can't say	0	0
2.Hardly	2	2.8
3.Moderately	3	4.1
4. Mostly	23	31.9
5.Definitely	44	61.1
Total	72	100

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

Academic Year 2022-23 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

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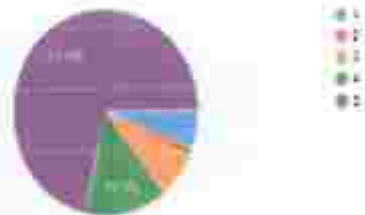


Department of Information Technology
Academic Year: 2022-23 (EVEN SEM)
Course Exit Analysis Report (Sem – VI)
Subject – Web Lab
Subject In-charge – Prof. Ragini Sharma

Score	No. of Students	Percentage
1-Can't Say	4	5.7%
2- Definitely	1	1.4%
3-Hardly	5	7.1%
4-Moderately	10	14.3%
5-Mostly	50	71.4%
Total	70	100%

Understand the concepts of Web analytics and Semantic web apps using open source tools

70 responses



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	4	5.7%
4-Moderately	11	15.7%
5-Mostly	52	74.3%
Total	70	100%

Abile to design web applications using basic concepts of typescript file inheritance, access modifiers

70 responses



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	2	2.9%
3-Hardly	3	4.3%
4-Moderately	12	17.1%
5-Mostly	51	72.9%
Total	70	100%

Implement AngularJS Framework for Single Page Application and apply ng-view, ng-controller, ng-model

70 responses





Department of Information Technology
Academic Year: 2022-23 (EVEN SEM)

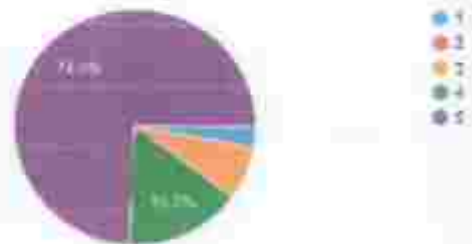
Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	0	0%
3-Hardly	6	8.6%
4-Moderately	12	17.1%
5-Mostly	50	71.4%
Total	70	100%

Implement Ajax for Rich Internet Applications for JavaScript and for user validation
20 questions



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	0	0%
3-Hardly	5	7.1%
4-Moderately	11	15.7%
5-Mostly	52	74.3%
Total	70	100%

Create Rest API using MongoDB to build typescript.
20 questions



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	4	5.7%
4-Moderately	13	18.6%
5-Mostly	50	71.4%
Total	70	100%

Design Web Apps using Flask for Feedback Form and weather app
20 questions



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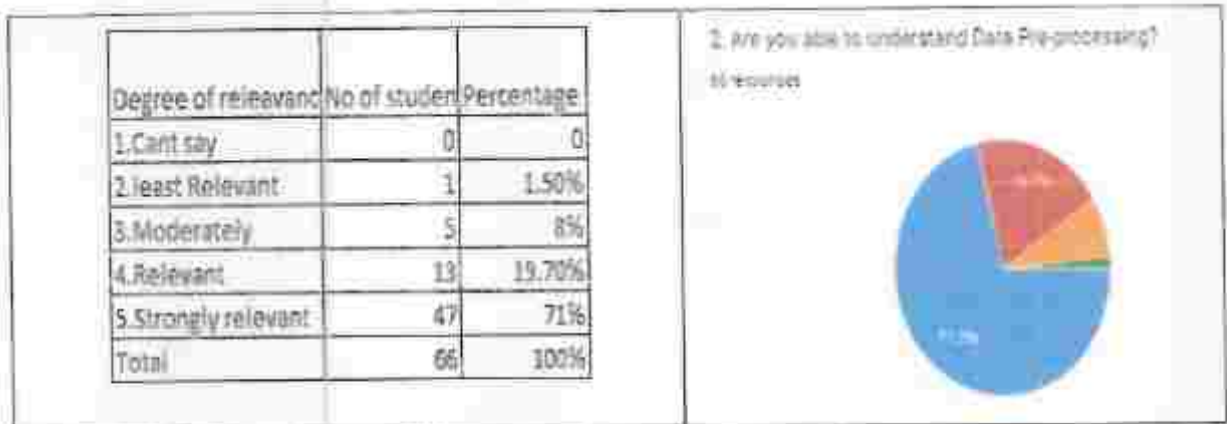
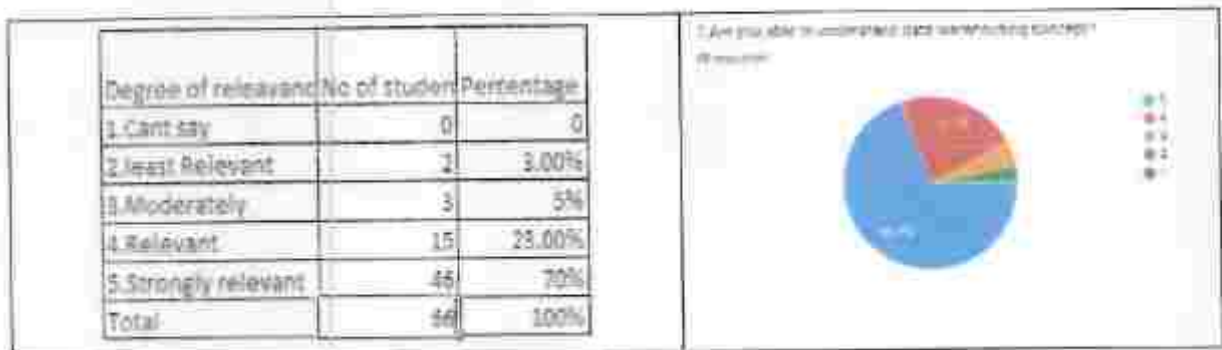
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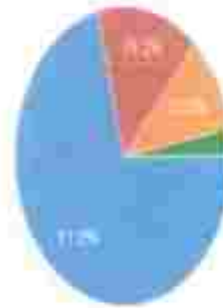
Department of Information Technology
Academic Year: 2022-2023(EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: DMBI Lab
Subject In-charge: Prof.Varalakshmi R.



Degree of relevance	No of student	Percentage
1.Cant say	0	0
2.least Relevant	2	3.00%
3.Moderately	7	11%
4.Relevant	10	15.20%
5.Strongly relevant	47	71%
Total	66	100%

3.How comfortable are you using the web tool?

66 responses



Degree of relevance	No of student	Percentage
1.Cant say	0	0
2.least Relevant	2	3.00%
3.Moderately	8	12%
4.Relevant	11	16.70%
5.Strongly relevant	45	68%
Total	66	100%

4.How well did you understand Naive Bayes Theorem?

66 responses



Degree of relevance	No of student	Percentage
1.Cant say	0	0
2.least Relevant	2	3.00%
3.Moderately	7	11%
4.Relevant	12	18.20%
5.Strongly relevant	45	69%
Total	66	100%

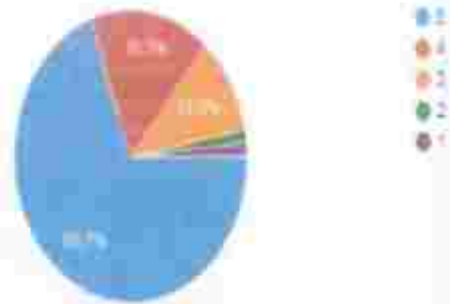
5.Are you able to apply proper Algorithm for specific application

66 responses



Degree of relevance	No of student	Percentage
1. Cant say	1	1.50%
2. least Relevant	1	1.50%
3. Moderately	7	11%
4. Relevant	11	16.70%
5. Strongly relevant	46	70%
Total	66	100%

6. Are the practical hours sufficient to understand the course?
 66 responses





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Department of Information Technology

Academic Year: 2022-2023(EVEN SEM)

Course Exit Analysis Report (Sem VI)

Subject: Ethical Hacking

Subject In-charge: Dr.Divya Tamma

1. Able to define and understand the concept of cybercrime and principles behind ethical hacking.

score	no of student	Percentage
1-cant say	4	6.5%
2 Hardly	2	3.2%
3-moderate	6	9.7%
4-mostly	11	17.7%
5 Definitely	39	62.9%
total	62	100

1. Able to define and understand the concept of cybercrime and principles behind ethical hacking

62 responses



2. Able to identify the need of digital forensics and apply the concept of digital evidence and incident response.

score	no of student	Percentage
1-cant say	4	6.5%
2 Hardly	2	3.2%
3-moderate	4	6.5%
4-mostly	14	22.6%
5 Definitely	38	61.3%
total	62	100

2. Able to identify the need of digital forensics and apply the concept of digital evidence and incident response.

62 responses



3. Identify modern engineering tools, techniques and resources for computer forensics

score	no of student	Percentage
1-cants say	4	6.5%
2 Hardly	1	1.6%
3- moderate	7	11.3%
4-mostly	9	14.5%
5 Definitely	41	66.1%
total	62	100%

3. Identify modern engineering tools, techniques and resources for computer forensics

62 responses



4. Use appropriate procedures, tools and techniques to formulate and collect data and investigate network attacks

score	no of student	Percentage
1-cants say	3	4.8%
2 Hardly	4	6.5%
3- moderate	5	8.1%
4-mostly	8	12.9%
5 Definitely	42	67.7%
total	62	100%

4. Use appropriate procedures, tools and techniques to formulate and collect data and investigate network attacks

62 responses



5. Able to choose appropriate hardware/software tools to analyze and investigate attacks on mobile platforms.

score	no of student	Percentage
1-cants say	4	6.5%
2 Hardly	2	3.2%
3- moderate	5	8.1%
4-mostly	10	16.1%
5 Definitely	41	66.1%
total	62	100%

5. Able to choose appropriate hardware/software tools to analyze and investigate attacks on mobile platforms.

10 responses



6. Identify methods to generate legal evidence and supporting investigation reports

score	no of student	Percentage
1-cants say	5	8.1%
2 Hardly	1	1.6%
3- moderate	5	8.1%
4-mostly	11	17.7%
5 Definitely	40	64.5%
total	62	100

6. Identify methods to generate legal evidence and supporting investigation reports

10 responses



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Department of Information Technology
Academic Year: 2022-23 (EVEN SEM)
Course Exit Analysis Report (Sem – VI)
Subject – Web X
Subject In-charge – Prof. Ragini Sharma

Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	4	5.7%
4-Moderately	10	14.3%
5-Mostly	53	75.7%
Total	70	100%

Identify and understand the basic functionalities and computing resources related to web analytics and semantic web.

Response



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	4	5.7%
4-Moderately	12	17.1%
5-Mostly	51	72.9%
Total	70	100%

Identify and understand how TypeScript can help to eliminate bugs in the code and enable to write the code.

Response



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	5	7.1%
4-Moderately	12	17.1%
5-Mostly	50	71.4%
Total	70	100%

Able to produce or design a variety of potential front end application using AngularJS framework and build dynamic, responsive single-page

Response





Department of Information Technology
Academic Year: 2022-23 (EVEN SEM)

Score	No. of Students	Percentage
1-Can't Say	3	4.3%
2- Definitely	2	2.9%
3-Hardly	4	5.7%
4-Moderately	13	18.6%
5-Mostly	48	68.6%
Total	70	100%

Use MongoDB for frontend and backend connectivity to collect and analyze data using REST API.

10 responses



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	6	8.6%
4-Moderately	11	15.7%
5-Mostly	50	71.4%
Total	70	100%

Able to choose and apply Flask web development framework to develop web applications with less code.

10 responses



Score	No. of Students	Percentage
1-Can't Say	3	4.3%
2- Definitely	2	0%
3-Hardly	6	8.6%
4-Moderately	9	12.9%
5-Mostly	52	74.3%
Total	70	100%

Design and develop Rich Internet Application using proper choice of Framework.

10 responses



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Department of Information Technology
Academic Year: 2022-23 (EVEN SEM)
Course Exit Analysis Report (Sem – VI)
Subject – Web X
Subject In-charge – Prof. Ragini Sharma

Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	4	5.7%
4-Moderately	10	14.3%
5-Mostly	53	75.7%
Total	70	100%

Identify and understand the basic functionalities and computing resources related to web analytics and semantic web.

16 responses



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	4	5.7%
4-Moderately	12	17.1%
5-Mostly	51	72.9%
Total	70	100%

Identify and understand how TypeScript can help to eliminate bugs in the code and enable to scale the code.

16 responses



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	5	7.1%
4-Moderately	12	17.1%
5-Mostly	50	71.4%
Total	70	100%

As able to produce or design a variety of potential front end application using AngularJS framework and build dynamic, responsive single-page.

16 responses





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Academic Year: 2022-23 (EVEN SEM)

Score	No. of Students	Percentage
1-Can't Say	3	4.3%
2- Definitely	2	2.9%
3-Hardly	4	5.7%
4-Moderately	13	18.6%
5-Mostly	48	68.6%
Total	70	100%

Use MongoDB for frontend and backend connectivity to collect and analyze data using REST API.

70 responses



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	6	8.6%
4-Moderately	11	15.7%
5-Mostly	50	71.4%
Total	70	100%

Able to choose and apply Flask web development framework to develop web applications with less code.

70 responses



Score	No. of Students	Percentage
1-Can't Say	3	4.3%
2- Definitely	2	0%
3-Hardly	6	8.6%
4-Moderately	9	12.9%
5-Mostly	52	74.3%
Total	70	100%

Design and develop Rich Internet Application using proper choice of Framework.

70 responses




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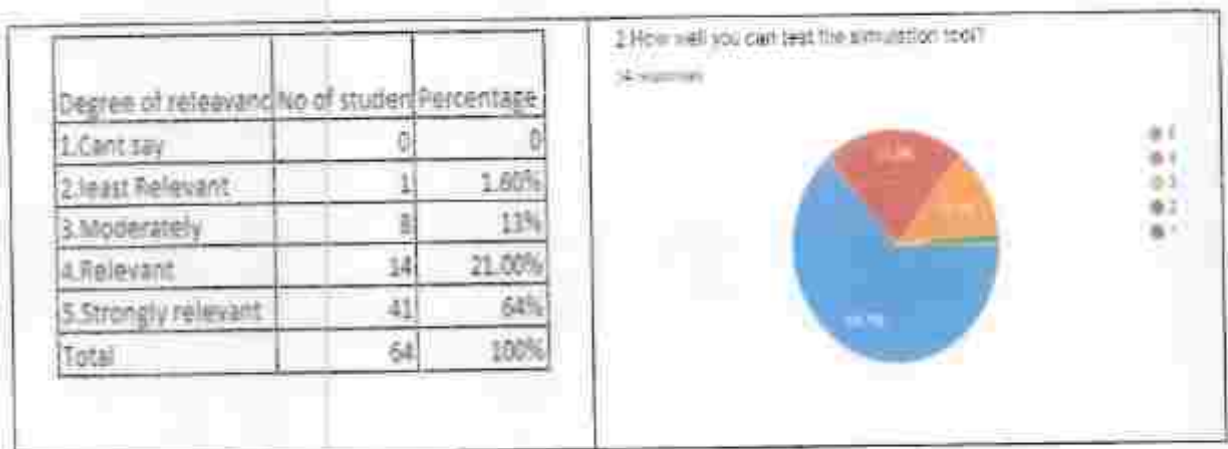
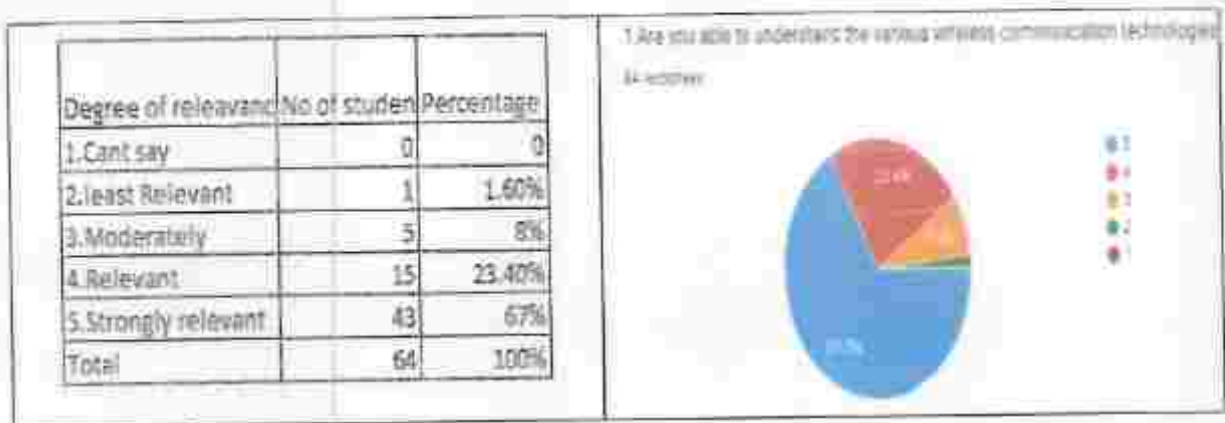
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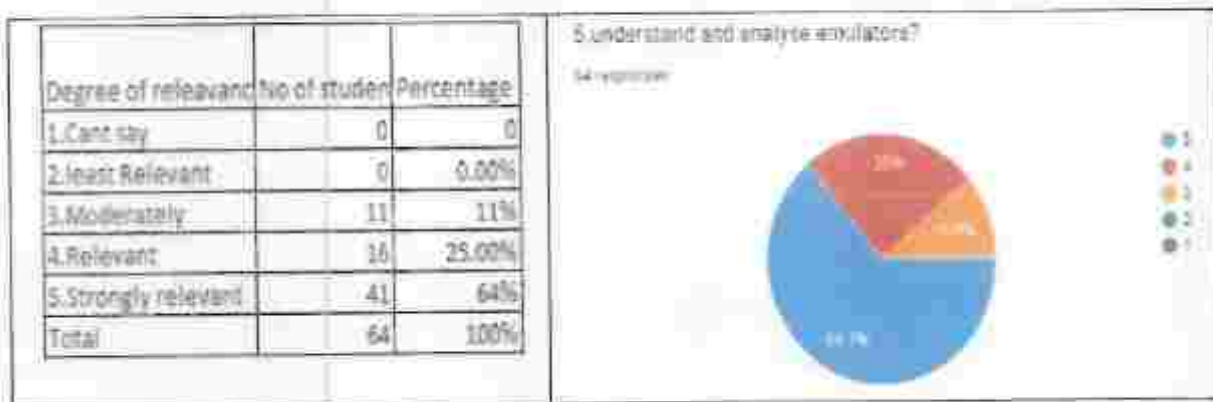
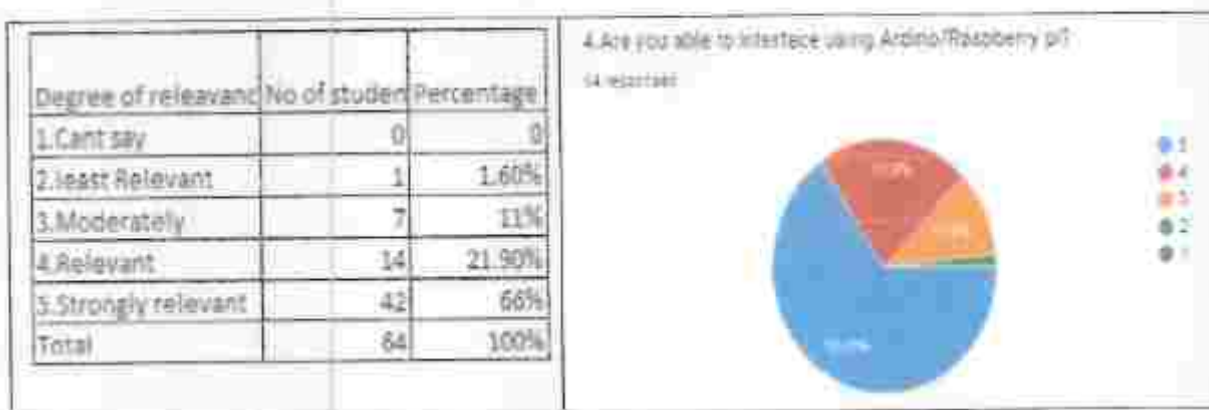
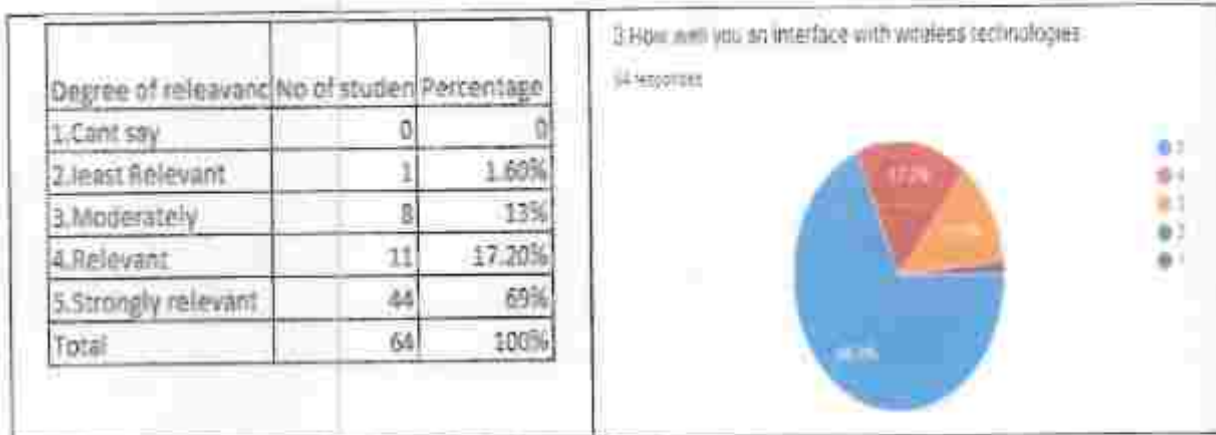


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Department of Information Technology
Academic Year: 2022-2023(EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Sensor Lab
Subject In-charge: Prof.Varalakshmi R

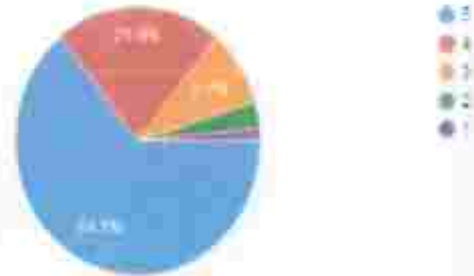




Degree of relevance	No of student	Percentage
1. Cant say	1	1.6
2. least Relevant	2	3.10%
3. Moderately	6	9%
4. Relevant	14	22.00%
5. Strongly relevant	41	64%
Total	64	100%

6. Understand and analyse the simulation of WSN?

64 Responses



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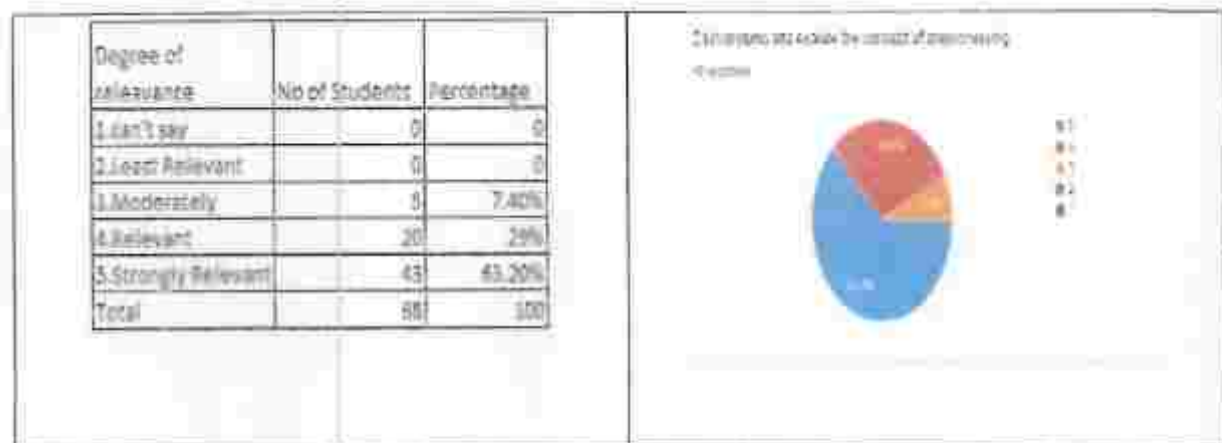
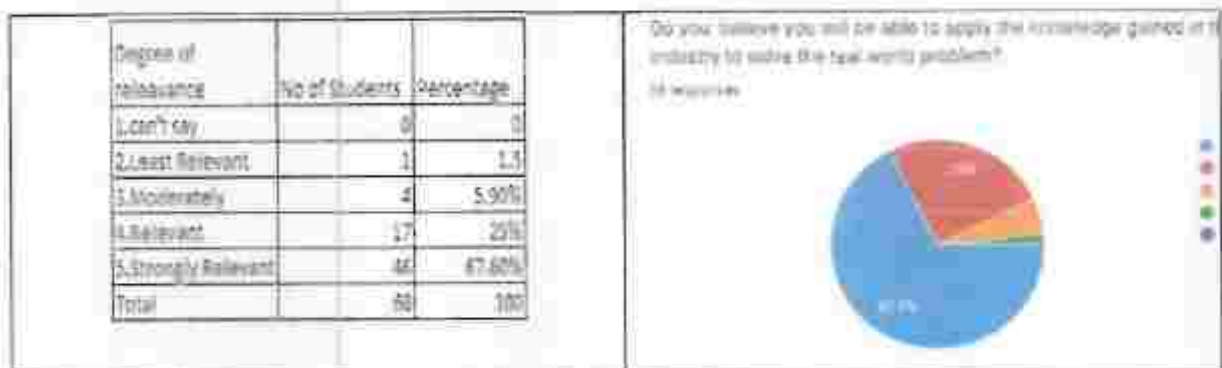
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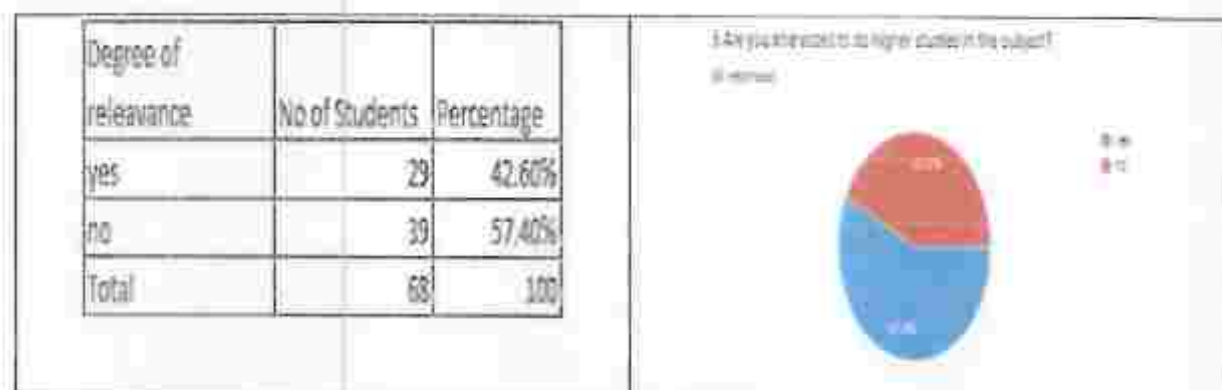
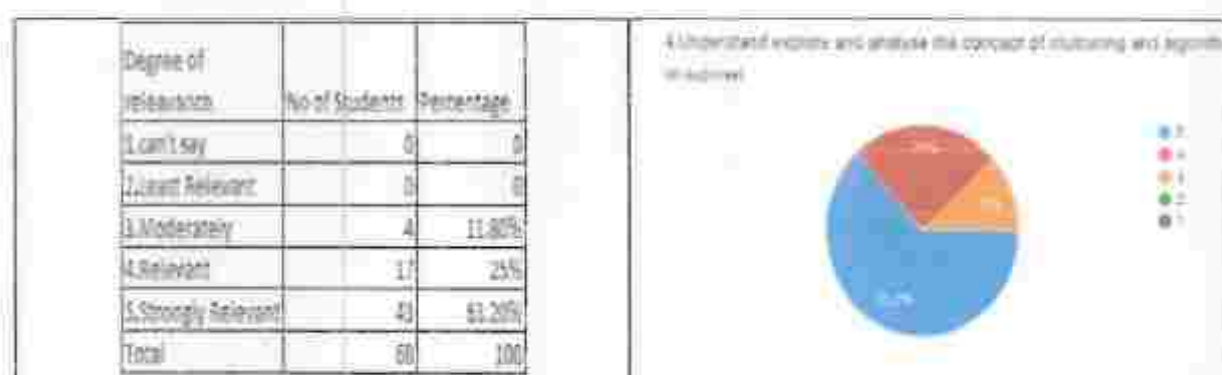
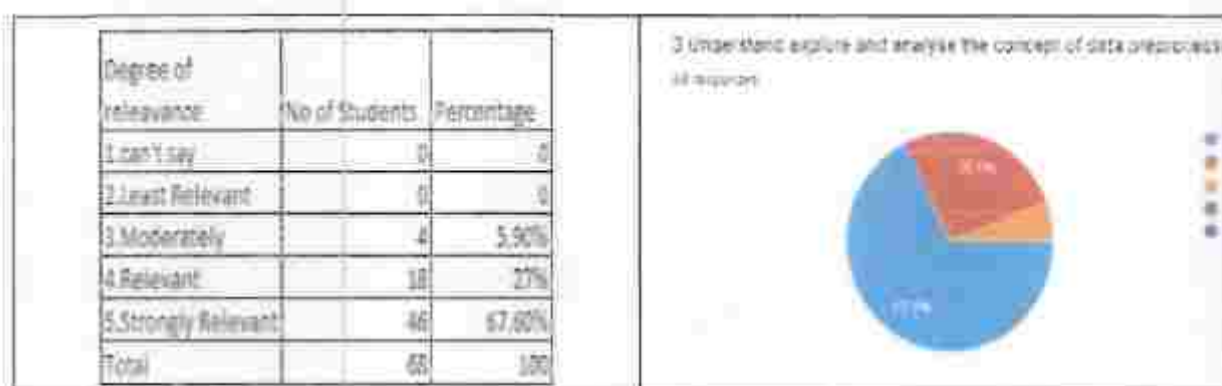


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Department of Information Technology
Academic Year: 2022-2023(EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: DMBI
Subject In-charge: Prof. Varalakshmi R





Degree of relevance	No of Students	Percentage
1. can't say	0	0
2. Least Relevant	1	1.50%
3. Moderately	8	11.80%
4. Relevant	17.6	18%
5. Strongly Relevant	47	69.10%
Total	63	100

5. Understand the concept of SII

28 students



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Course Exit Analysis Report (SEM VI)

Subject: AIDS-1

Subject In-charge: Prof. Kirti Mhamunkar

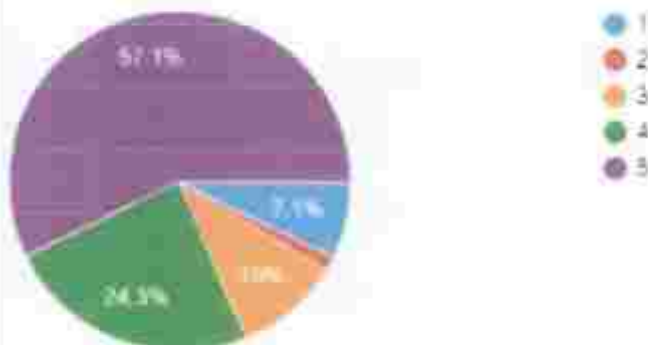
1. Understand and simulation the different AI techniques

score	no of student	Percentage
1-cants say	5	7.1
2 Hardly	4	5.7
3- moderate	5	7.1
4-mostly	17	24.3
5 Definitely	39	55.7
total	70	100



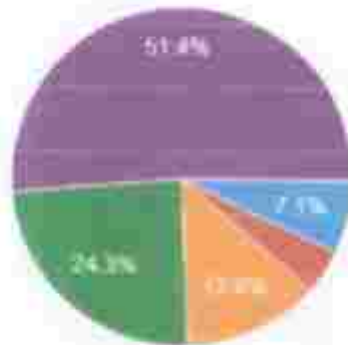
2. Understand the basic concept of PEAS representation for an Agent

score	no of student	Percentage
1-cants say	5	7.1
2 Hardly	1	1.4
3- moderate	7	10
4-mostly	17	24.3
5 Definitely	40	57.1
total	70	100



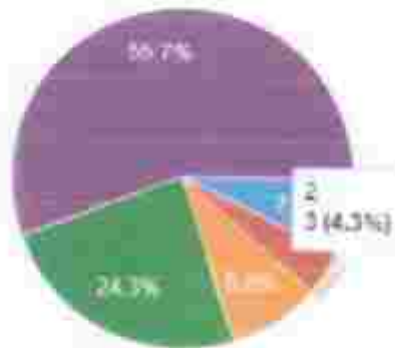
3. Understand and learn the concept Uninformed Search Techniques

score	no of student	Percentage
1-cants say	5	7.1
2 Hardly	3	4.3
3-moderate	9	12.9
4-mostly	17	24.3
5 Definitely	36	51.4
total	70	100



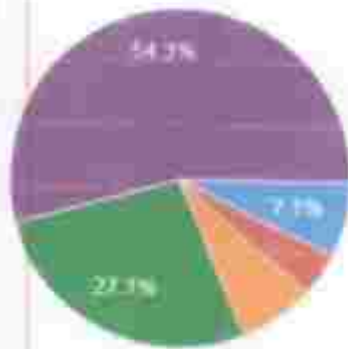
4. Understand the different Knowledge Based Agent

score	no of student	Percentage
1-cants say	5	7.1
2 Hardly	3	4.3
3-moderate	6	8.6
4-mostly	17	24.3
5 Definitely	39	55.7
total	70	100



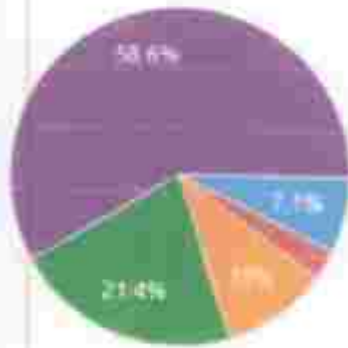
5. Understand the concept of Data Science

score	no of student	Percentage
1-cant say	5	7.1
2 Hardly	3	4.3
3-moderate	5	7.1
4-mostly	19	27.1
5-Definitely	38	54.3
total	100	100



6. Understand the types of Machine Learning

score	no of student	Percentage
1-cant say	5	7.1
2 Hardly	2	2.9
3-moderate	7	10
4-mostly	15	21.4
5-Definitely	41	58.6
total	70	100



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Department of Information Technology
Academic Year 2022-23 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: MAD and PWD lab
SUBJECT I/C: Madhumati Lotkar

Co 1. Understand and Analyze basics of Flutter Framework.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.7
3. Moderately	7	11.7
4. Mostly	16	26.7
5. Definitely	36	60
Total	60	100

Co 1. Understand and Analyze basics of Flutter Framework.



Co2. Understood and able to develop UI by incorporating widgets, layouts, gestures and animation

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	2	3.3
3. Moderately	12	20
4. Mostly	13	21.7
5. Definitely	33	55
Total	60	100

Co 2. Understood and able to develop UI by incorporating widgets, layouts, gestures and animation



Co 3 .. Able to create a production ready Flutter App by including files and firebase backend service

Score	No of student	Percentage
1. can't say	1	1.7
2. Hardly	1	1.7
3. Moderately	9	15
4. Mostly	18	30
5. Definitely	31	51.7
Total	60	100

60 responses



Co 4. Understand and analyze the concepts of PWA's

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	3	5
3. Moderately	7	11.7
4. Mostly	17	28.3
5. Definitely	33	55
Total	60	100

60 responses



Co 5 . Understand and develop responsive web apps by combining development techniques with React UI

Score	No of student	Percentage
1.I can't say	1	1.7
2.Hardly	2	3.3
3.Moderately	10	16.7
4. Mostly	11	18.3
5.Definitely	36	60
Total	60	100

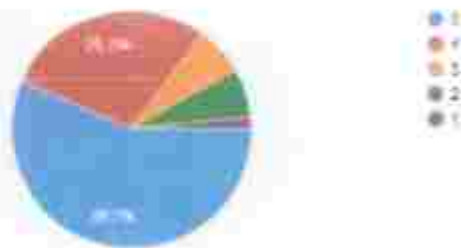
80 responses



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

Score	No of student	Percentage
1.I can't say	1	1.7
2.Hardly	4	6.7
3.Moderately	4	6.7
4. Mostly	17	28.3
5.Definitely	34	56.7
Total	60	100

80 responses



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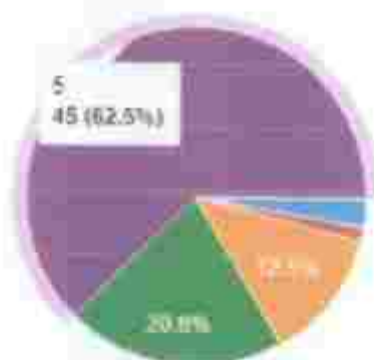
Course Exit Analysis Report (SEM VI)

Subject: Mini Project

Subject In-charge: Prof. Kirti Mhamunkar

1. 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-cant say	2	2.8
2 Hardly	1	1.4
3-moderate	9	12.5
4-mostly	15	20.8
5 Definitely	45	62.5
total	72	100



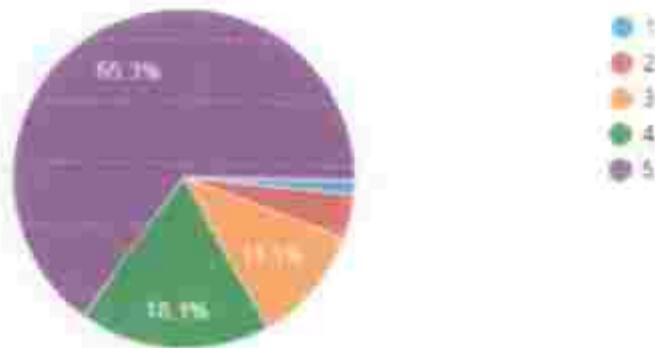
2. Explore and synthesize system requirements from larger social and professional concerns and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions

score	no of student	Percentage
1-cant say	1	1.4
2 Hardly	3	4.2
3-moderate	8	11.1
4-mostly	17	23.6
5 Definitely	43	59.7
total	72	100



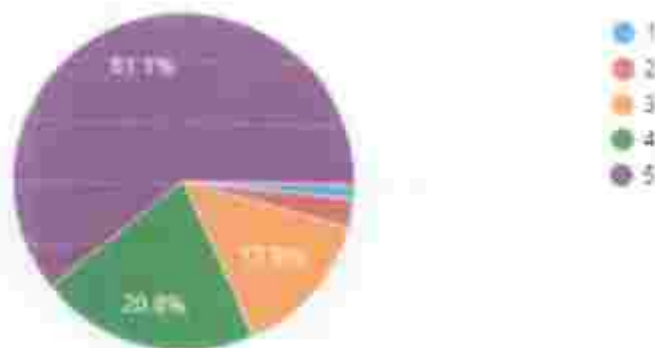
3. Critically analyze data through theoretical/experimental/simulations and describe management techniques to analyze the impact of solutions in societal and environmental context for sustainable development

score	no of student	Percentage
1-cant say	1	1.4
2 Hardly	3	4.2
3-moderate	8	11.1
4-mostly	13	18.1
5-Definitely	47	65.3
total	72	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-cant say	1	1.4
2 Hardly	2	2.8
3-moderate	10	13.9
4-mostly	15	20.8
5-Definitely	44	61.1
total	72	100



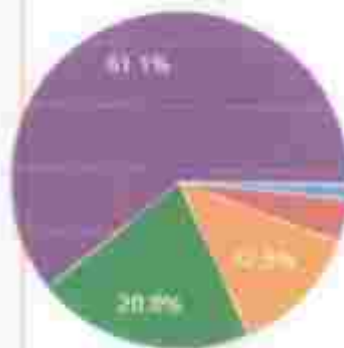
5. Recognize and develop a variety of interpersonal skills to work as member of a group or leader and produce well-constructed written engineering documents for publications and deliver effective oral presentations

score	no of student	Percentage
1-cant say	1	1.4
2 Hardly	3	4.2
3-moderate	9	12.5
4-mostly	13	18.1
5-Definitely	46	63.9
total	72	100



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-cant say	1	1.4
2 Hardly	3	4.2
3-moderate	9	12.5
4-mostly	15	20.8
5-Definitely	44	61.1
total	72	100



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Department of Information Technology
Action taken based on feedback from students (CO & PO)
Academic year 2022-23 EVEN SEM

Summary of feedback -Semester VI:

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 stakeholders 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	Numericals on Data Mining Algorithms.	Notes are provided to students	As Required
2	Concept of ethical hacking and cyber security.	https://drive.google.com/file/d/1Z9BjtuEVV4ZPo5YanMDlbaQFuQFr2Ar/view?usp=drive_link	As Required

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Department of Information Technology
Academic Year: 2022-23 (ODD SEM)
Course Exit Analysis Report (Sem – VII)
Subject – Cyber Security & Laws
Subject In-charge – Prof. Ragini Sharma

Apply theory and principles of computer science and engineering to identify different types of cyber crime and its effect on outside world.

14-answers

Score	No. of Students	Percentage
1-Can't Say	2	3.1%
2- Definitely	0	0%
3-Hardly	3	4.7%
4-Moderately	24	37.5%
5-Mostly	35	54.7%
Total	64	100%



Apply engineering fundamentals to identify various security challenges in mobile device for different types of attack and Distinguish different aspects of cyber law.

14-answers

Score	No. of Students	Percentage
1-Can't Say	2	3.1%
2- Definitely	0	0%
3-Hardly	5	7.8%
4-Moderately	27	42.2%
5-Mostly	30	46.9%
Total	64	100%



Use of Different tools and methods in Cyber Security.

14-answers

Score	No. of Students	Percentage
1-Can't Say	2	3.1%
2- Definitely	0	0%
3-Hardly	6	9.4%
4-Moderately	19	29.7%
5-Mostly	37	57.8%
Total	64	100%





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Department of Information Technology
Academic Year: 2022-23 (ODD SEM)

Score	No. of Students	Percentage
1-Can't Say	2	3.1%
2- Definitely	0	0%
3-Hardly	5	7.8%
4-Moderately	25	39.1%
5-Mostly	32	50%
Total	64	100%

Internet legislation, regulation, codes and standards relevant to E-Commerce, The Contract Aspects, The Security Aspect, The Intellectual Property Aspect or Cyber Law
 34 questions



Score	No. of Students	Percentage
1-Can't Say	1	1.5%
2- Definitely	1	1.5%
3-Hardly	6	9.4%
4-Moderately	23	35.9%
5-Mostly	33	51.6%
Total	64	100%

Internet legislation, regulation, codes and standards relevant to cyber law and explain IT act 2008 and its latest amendments.
 34 questions



Score	No. of Students	Percentage
1-Can't Say	2	3.1%
2- Definitely	0	0%
3-Hardly	4	6.3%
4-Moderately	25	39.1%
5-Mostly	33	51.6%
Total	64	100%

Ability to choose appropriate information security standards during software design and development.
 34 questions



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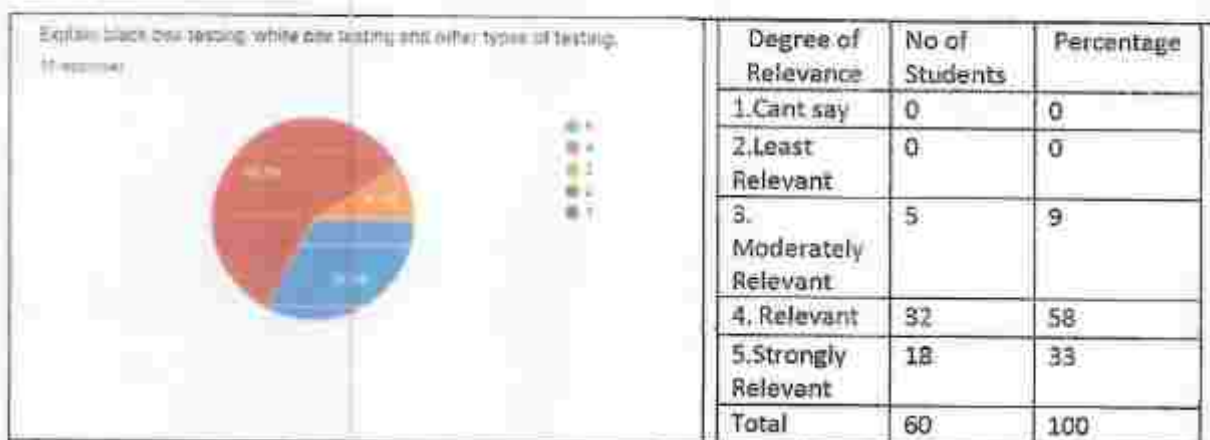
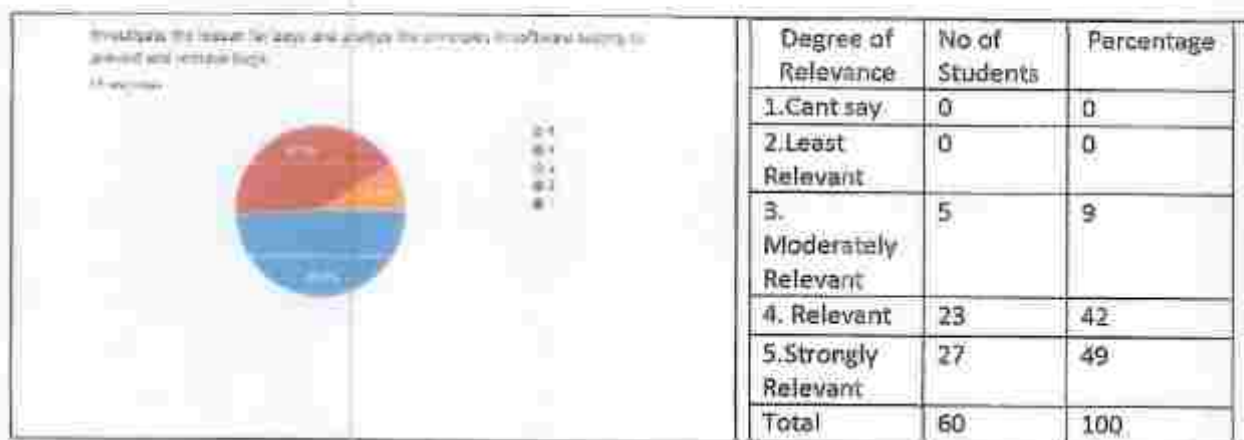


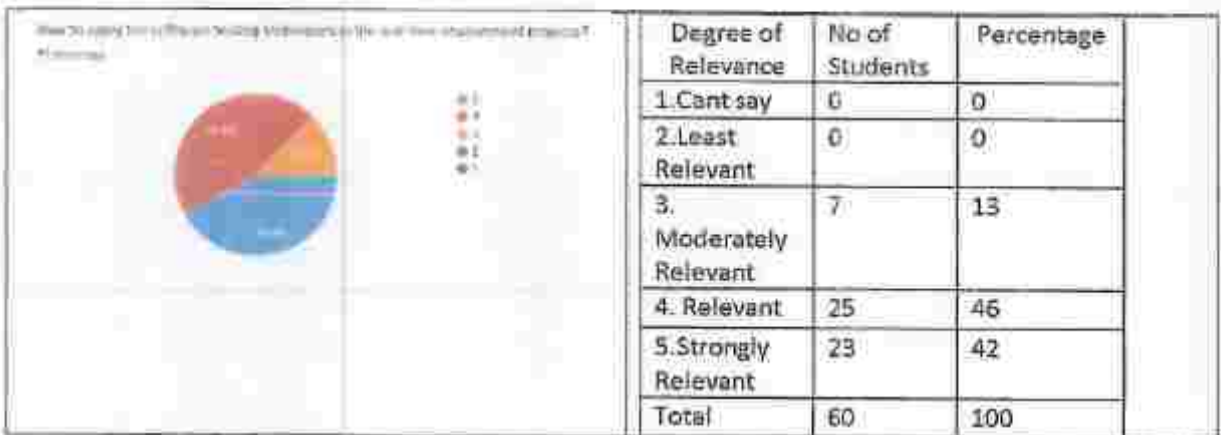
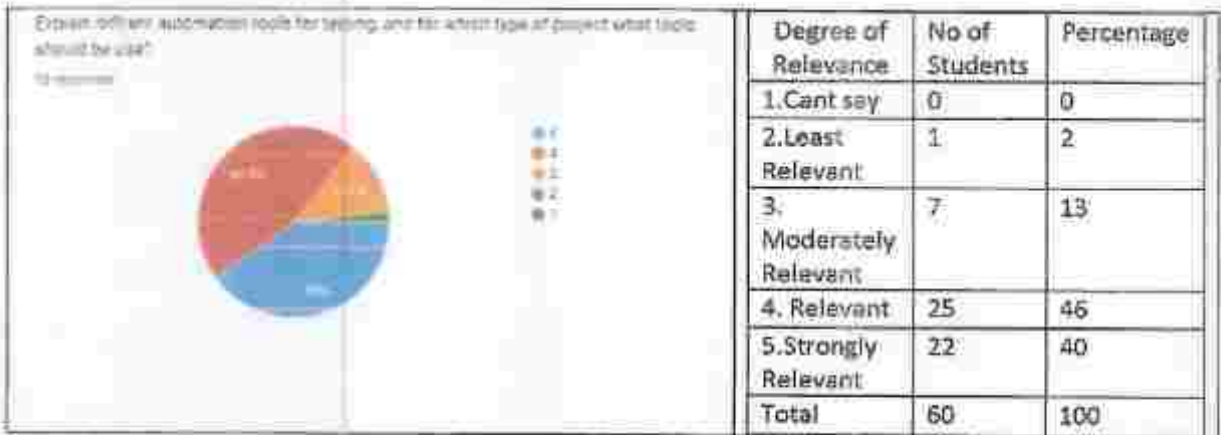
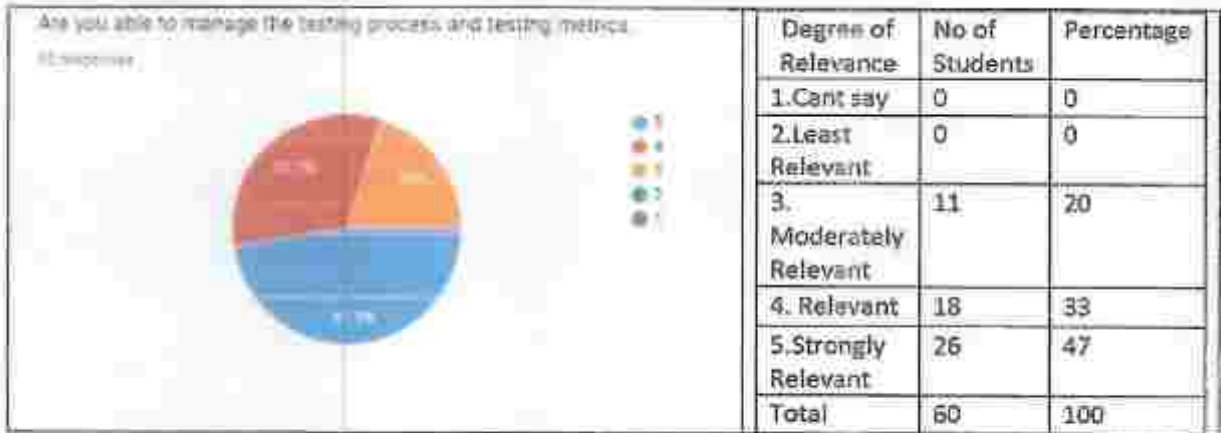
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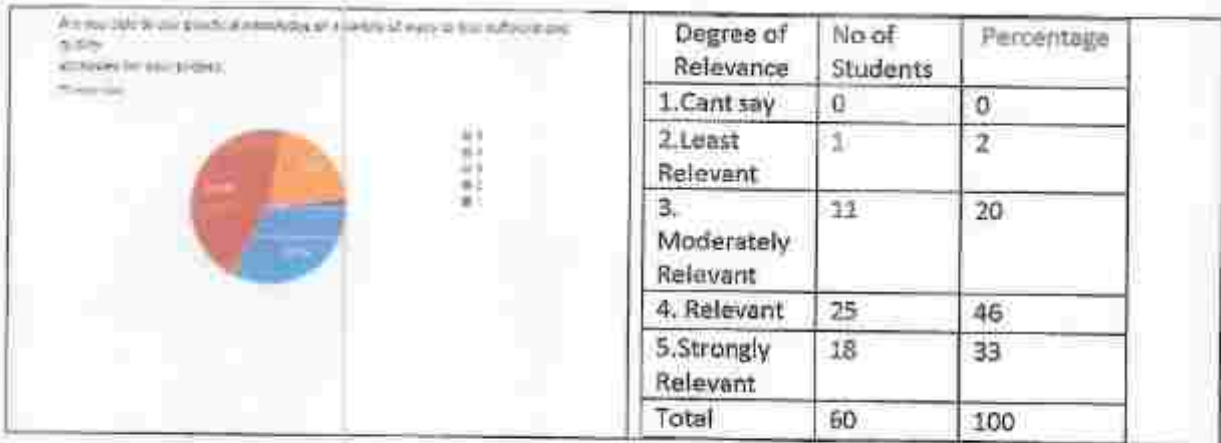
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Department of Information Technology
Academic Year: 2022-2023(ODD SEM)
Course Exit Analysis Report (Sem VII)
Subject: STQA
Subject In-charge: Prof.Sayali Karmode







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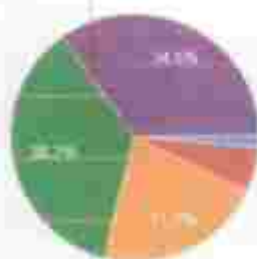
Academic Year: 2022-2023(ODD SEM)

Course Exit Analysis Report (Sem VII)

Subject: IOE Lab

Subject In-charge: Prof.Prunal Kukde

1. Will you able to identify the requirements for the real world problems, apply the knowledge of engineering specialization for providing a solution. ?



Score	No of Student	Percentage
1. Can't Say	1	1.4%
2. Least Relevant	4	5.6%
3. Moderately Relevant	15	21.7%
4. Relevant	25	36.2%
5. Strongly Relevant	24	34.7%
Total	69	100.00

2. Are you able to conduct a survey of several available literatures in the preferred of study ?



Score	No of Student	Percentage
1. Can't Say	2	2.9%
2. Least Relevant	2	2.9%
3. Moderately Relevant	10	14.4%
4. Relevant	30	43.4%
5. Strongly Relevant	25	36.2%
Total	69	100.00

3. 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	2	2.90
2. Least Relevant	3	4.30
3. Moderately Relevant	18	26.09
4. Relevant	24	36.23
5. Strongly Relevant	22	31.88
Total	69	100.00

4. Critically analyze data through theoretical/ experimental/ simulations and demonstrate and build the project successfully by hardware/sensor requirement, coding, emulating and testing?



Score	No. of Student	Percentage
1. Can't Say	1	1.45
2. Least Relevant	3	4.35
3. Moderately Relevant	16	25.19
4. Relevant	26	37.68
5. Strongly Relevant	24	31.33
Total	69	100.00

5. Interpret legislation, regulations, codes, and use standard norms of engineering practices to identify, to report and present the findings of the study conducted in proffered domain?



Score	No. of Student	Percentage
1. Can't Say	1	1.45
2. Least Relevant	4	5.80
3. Moderately Relevant	13	19.84
4. Relevant	28	40.58
5. Strongly Relevant	23	32.33
Total	69	100.00

6. Recognize and develop a variety of interpersonal skills to work in teams and manage the conduct of the research study?



Score	No of Student	Percentage
1. Can't Say	1	1.4%
2. Least Relevant	2	2.9%
3. Moderately Relevant	14	20.29%
4. Relevant	29	42.03%
5. Strongly Relevant	23	32.33%
Total	69	100.00%


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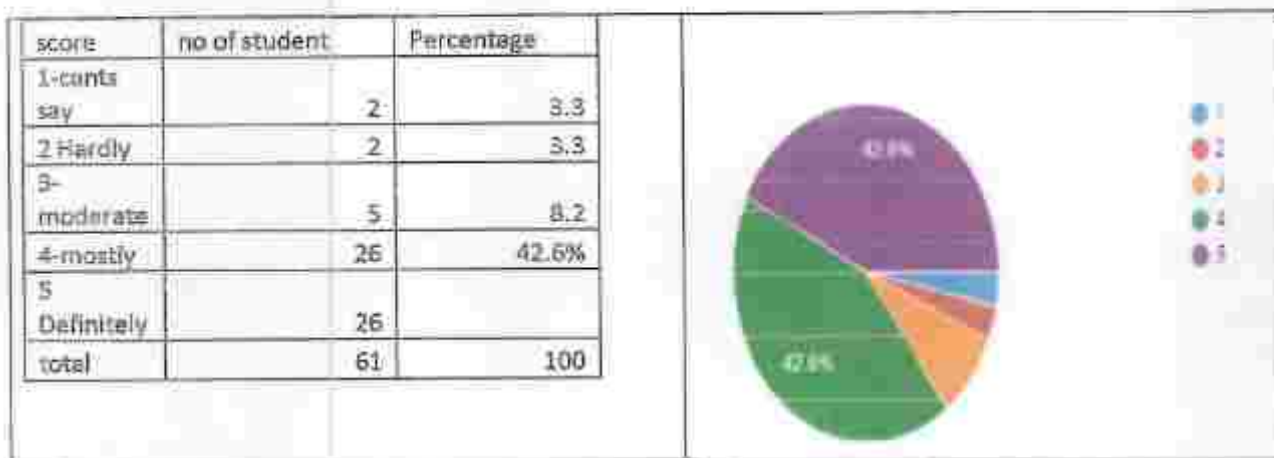
Department of Information Technology
Academic Year: 2022-2023(ODD SEM)

Course Exit Analysis Report (Sem VII)

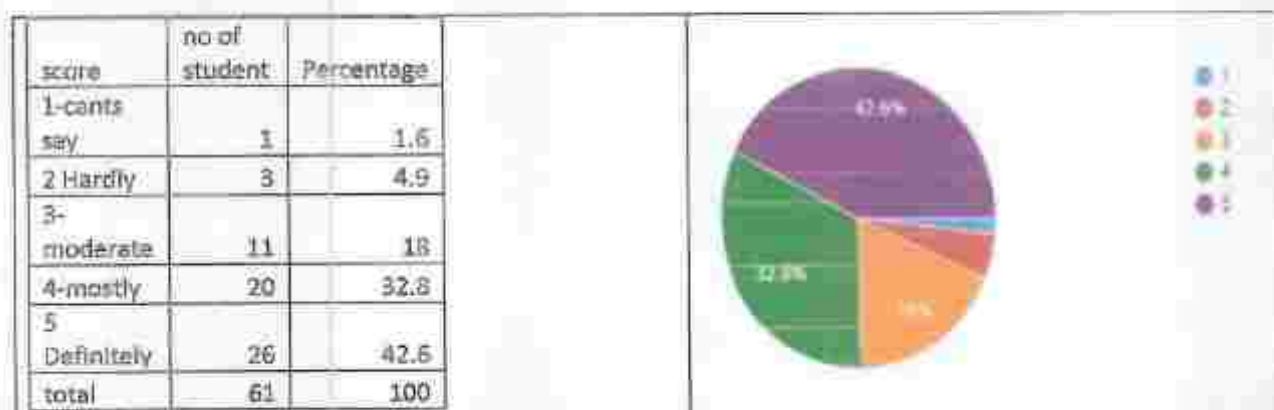
Subject: IOE

Subject In-charge: Prof. Pragati Pejekar

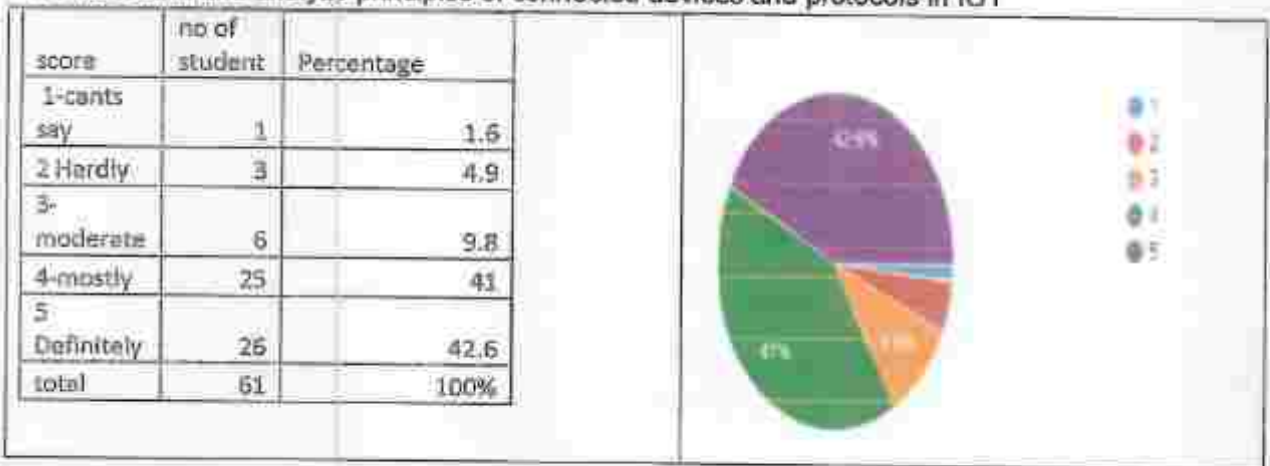
1. Understand concept of IOT and its characteristics



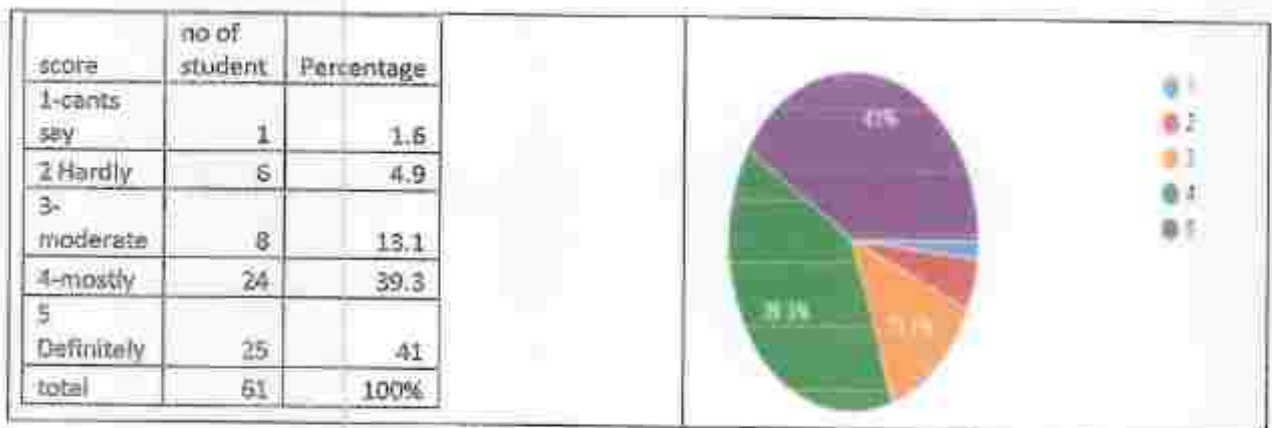
2. Discuss and categorize IOT Architectures



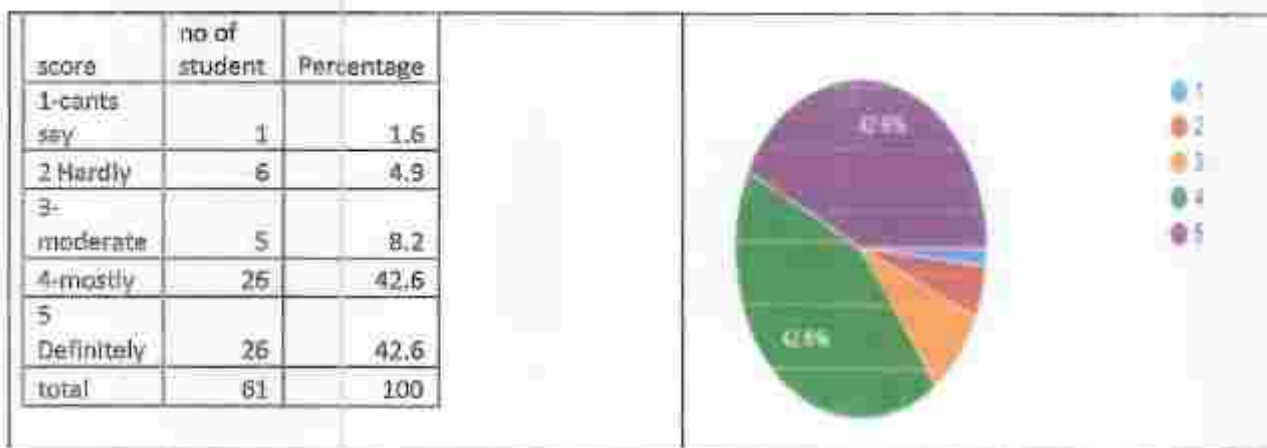
3 Understand and analyze principles of connected devices and protocols in IOT



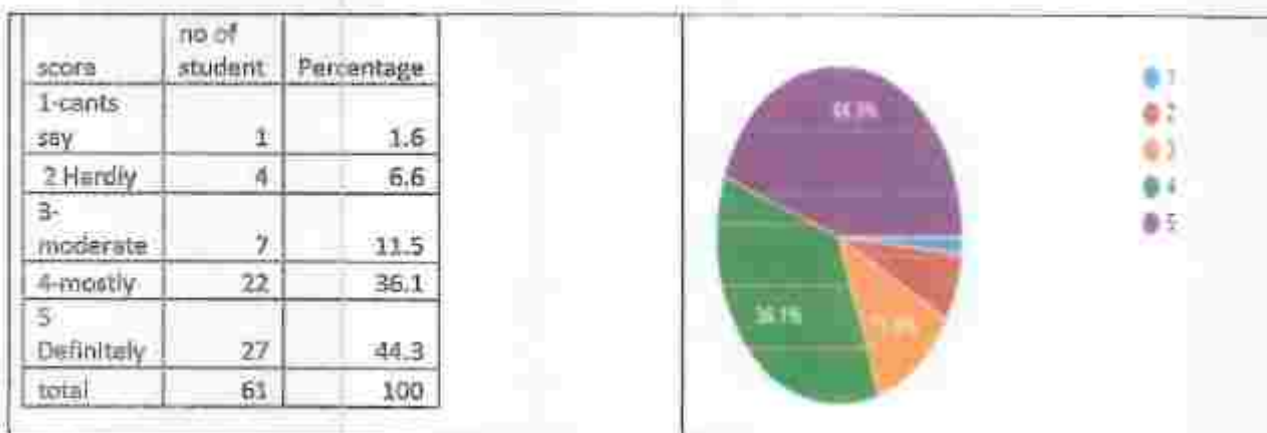
4. Discuss and categorize Edge to cloud protocols



5. Understand the concept of IOT and data analytics



6 Understand and explore concept of IOT application design



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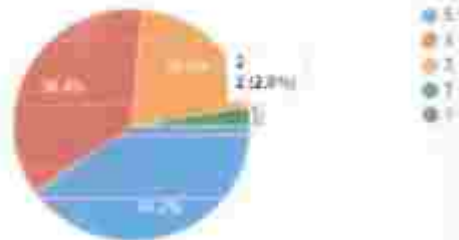
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Department of Information Technology
Academic Year 2022-23 (ODD SEM)
Course Exit Analysis Report (SEM VII)
Subject: Information Retrieval System (IRS)
SUBJECT I/C: Madhumati Lotkar

Co 1. Understood objective of Information Retrieval System and able to differentiate between data retrieval and Information retrieval

Score	No of student	Percentage
1,can't say	0	0
2,Hardly	2	2.6
3,Moderately	16	20.8
4, Mostly	29	38.4
5,Definitely	31	40.3
Total	77	100

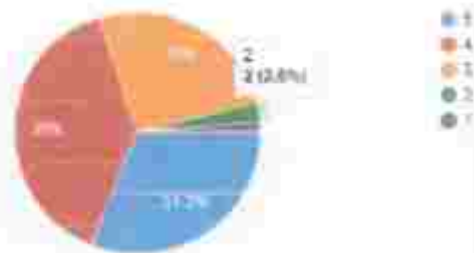
77 responses



Co2 . Able to apply different Information retrieval models on given problem .

Score	No of student	Percentage
1,can't say	1	1.2
2,Hardly	2	2.6
3,Moderately	20	26
4, Mostly	30	39
5,Definitely	24	31.2
Total	77	100

77 responses



Co 3 Able to solve different text queries and can differentiate given pattern .

Score	No of student	Percentage
1. can't say	1	1.2
2. Hardly	3	3.9
3. Moderately	17	22.1
4. Mostly	30	39
5. Definitely	26	33.8
Total	77	100

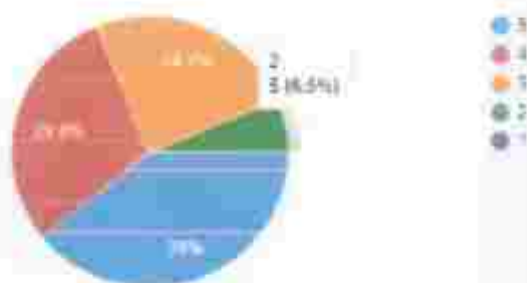
77 responses



Co 4. Understood Lexical analysis & able to do document preprocessing to find index of document.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	5	6.5
3. Moderately	19	24.6
4. Mostly	23	29.9
5. Definitely	30	39
Total	77	100

77 responses



Co 5 . Able to apply different Indexing and searching techniques

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	4	5.2
3. Moderately	17	22.1
4. Mostly	30	39
5. Definitely	26	33.8
Total	77	100

77 responses

Score	No of student	Percentage
1. can't say	1	1.2
2. Hardly	3	3.9
3. Moderately	18	23.4
4. Mostly	25	32.5
5. Definitely	30	39
Total	77	100

77 responses

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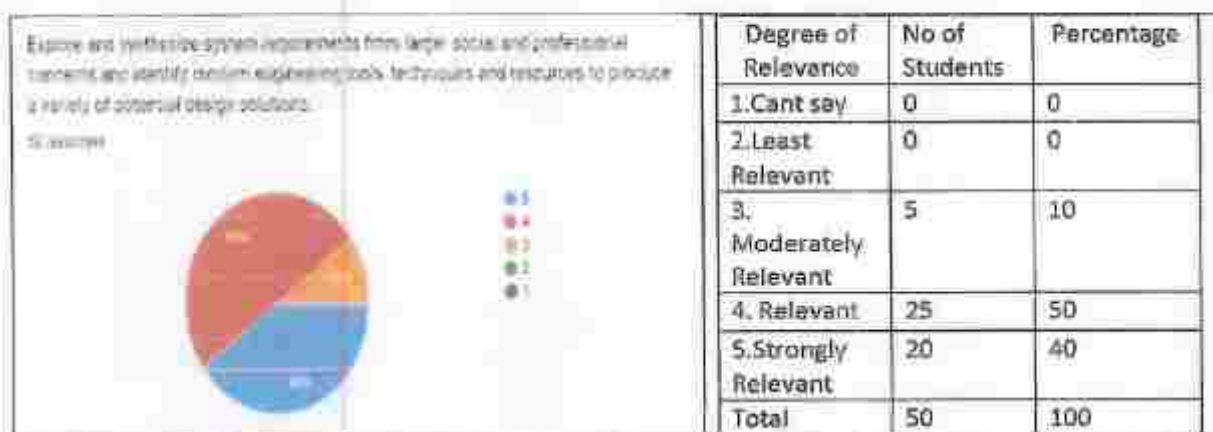
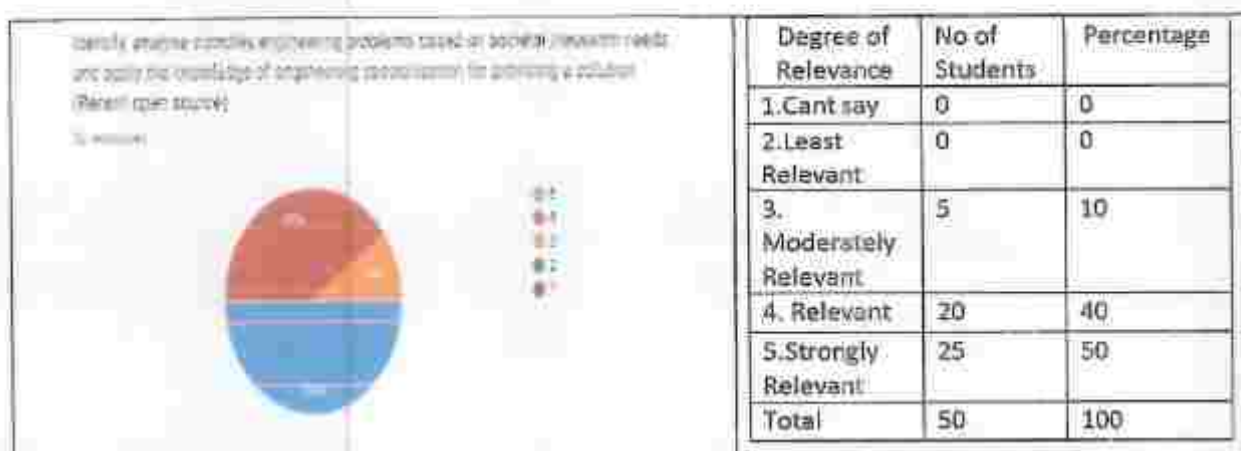


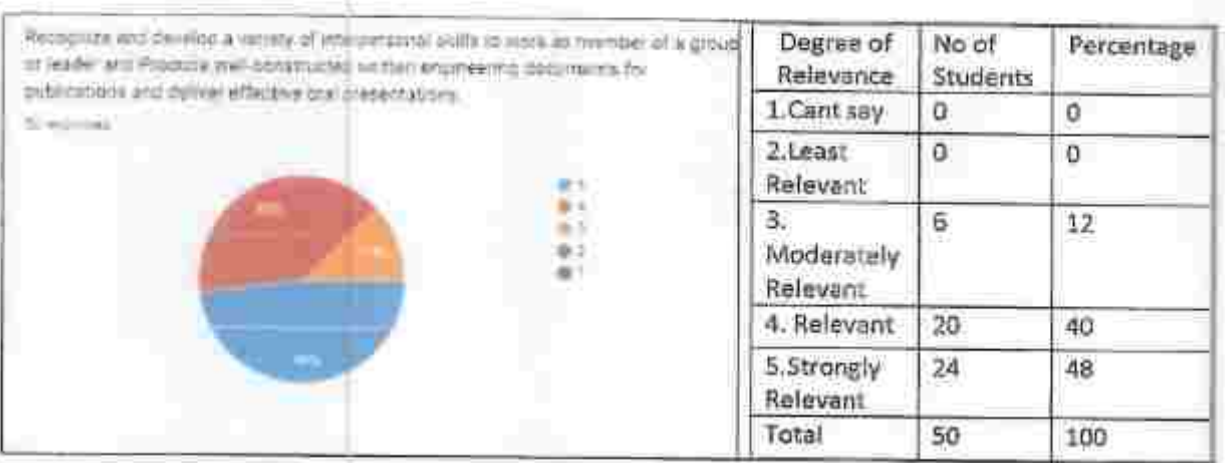
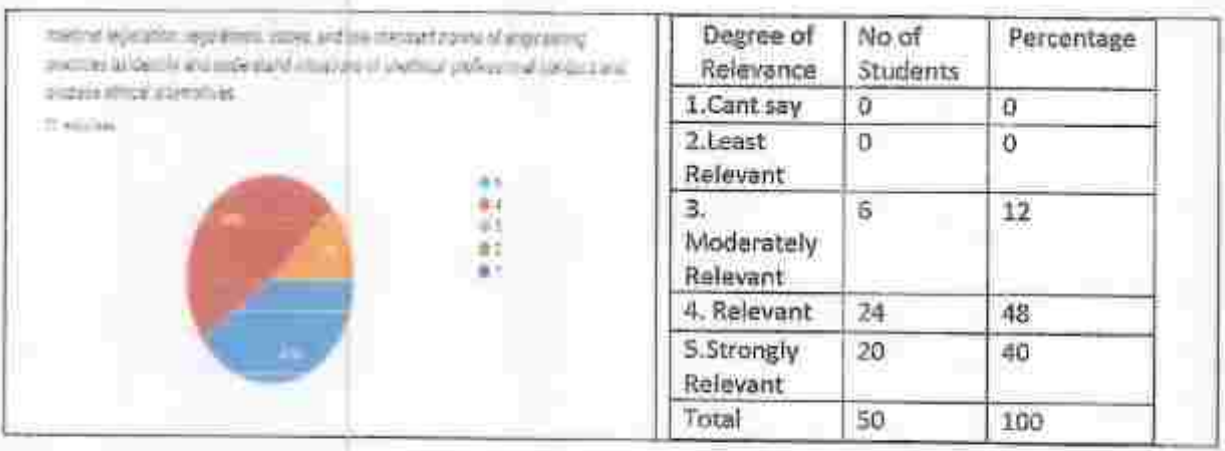
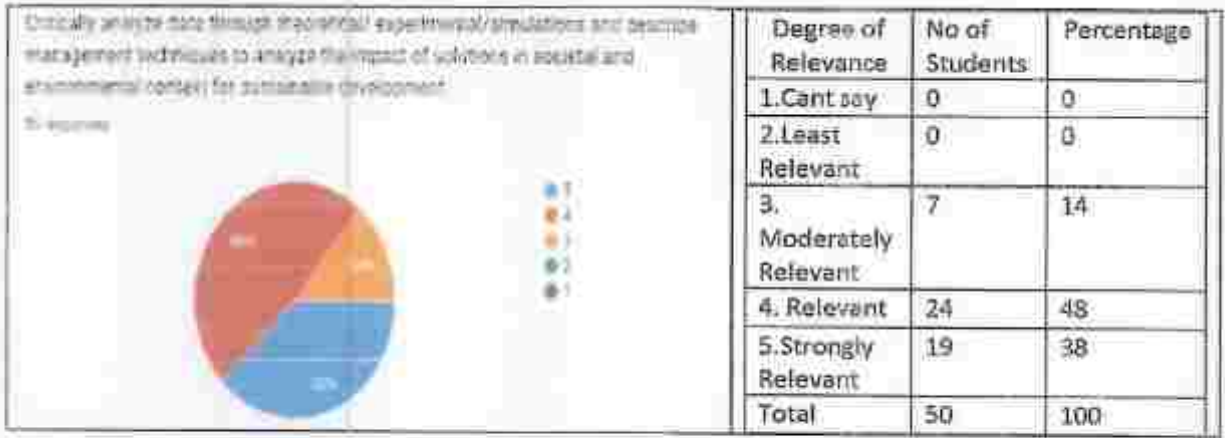
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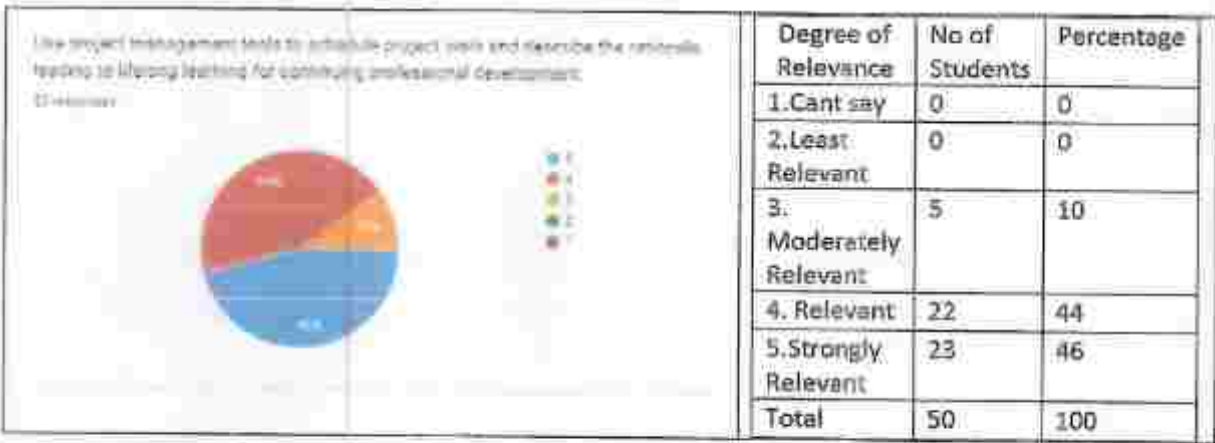
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Department of Information Technology
Academic Year: 2022-2023(ODD SEM)
Course Exit Analysis Report (Sem VII)
Subject: ROS
Subject In-charge: Prof.Sayali Karmode







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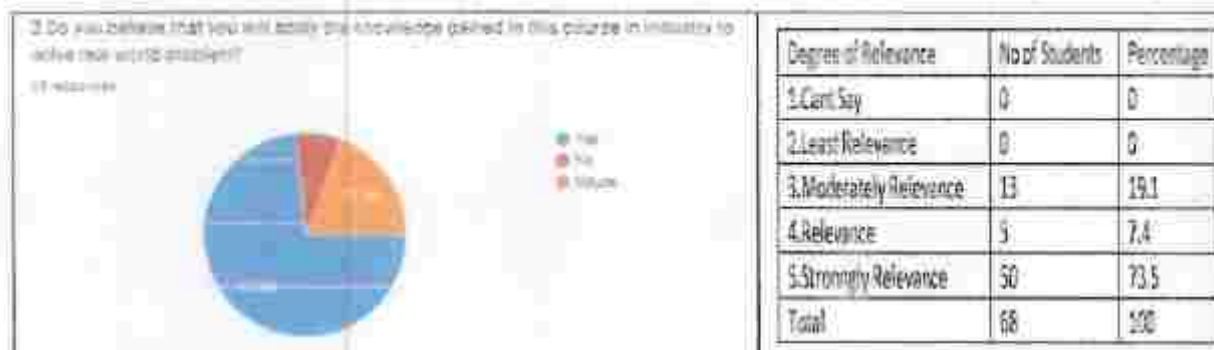
Department of Information Technology

Academic Year: 2022-2023(ODD SEM)

Course Exit Analysis Report (Sem VII)

Subject: Secure Application Development

Subject In-charge: Prof.Varalakshmi R



3. Are you interested to study advanced concept?

68 responses



Degree of Relevance	No of Students	Percentage
1. Cant Say	0	0
2. Least Relevance	1	1.5
3. Moderately Relevance	10	14.7
4. Relevance	32	47.1
5. Strongly Relevance	25	36.8
Total	68	100

4. How well can you perform Thread Modeling?

66 responses



Degree of Relevance	No of Students	Percentage
1. Cant Say	0	0
2. Least Relevance	0	0
3. Moderately Relevance	17	25
4. Relevance	23	33.8
5. Strongly Relevance	28	41.2
Total	68	100

5. Identify the different types of attack and vulnerability

68 responses



Degree of Relevance	No of Students	Percentage
1. Cant Say	0	0
2. Least Relevance	0	0
3. Moderately Relevance	15	22.1
4. Relevance	28	41.2
5. Strongly Relevance	25	36.8
Total	68	100

6. Brief about cryptography and the different types of cryptography
as responder



1
2
3
4
5

Degree of Relevance	No of Students	Percentage
1. Can't Say	0	0
2. Least Relevance	0	0
3. Moderately Relevance	19	27.9
4. Relevance	24	35.3
5. Strongly Relevance	24	35.3
Total	68	100

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Department of Information Technology
Academic Year: 2022-23 (ODD SEM)
Course Exit Analysis Report (Sem – VII)
Subject –Major Project -I
Subject In-charge – Prof. Ragini Sharma

Score	No. of Students	Percentage
1-Can't Say	2	3.5%
2- Definitely	0	0%
3-Hardly	10	17.5%
4-Moderately	21	36.8%
5-Mostly	24	42.17%
Total	57	100%

Identify, analyze complex engineering problems based on societal research needs and apply the knowledge of engineering specialization for providing a solution.
 (7-8 marks)



Score	No. of Students	Percentage
1-Can't Say	1	1.8%
2- Definitely	1	1.8%
3-Hardly	8	14%
4-Moderately	22	38.6%
5-Mostly	25	43.9%
Total	57	100%

Explore and identify the system requirements from larger social and professional contexts and identify modern engineering tools, techniques and resources to produce a variety of potential design solutions.
 (4-6 marks)



Score	No. of Students	Percentage
1-Can't Say	2	3.5%
2- Definitely	0	0%
3-Hardly	12	21.1%
4-Moderately	18	31.6%
5-Mostly	25	43.9%
Total	57	100%

Critically analyze data through theoretical, experimental/simulations and describe management techniques to analyze the impact of business in societal and environmental context for sustainable development.
 (6-8 marks)





Department of Information Technology
Academic Year: 2022-23 (ODD SEM)

Score	No. of Students	Percentage
1-Can't Say	1	1.8%
2- Definitely	1	1.8%
3-Hardly	7	12.3%
4-Moderately	24	42.1%
5-Mostly	24	42.1%
Total	57	100%

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

07 questions



Score	No. of Students	Percentage
1-Can't Say	1	1.8%
2- Definitely	3	5.3%
3-Hardly	5	8.8%
4-Moderately	23	40.4%
5-Mostly	25	43.9%
Total	57	100%

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 submission and deliver effective oral presentations.

07 questions



Score	No. of Students	Percentage
1-Can't Say	2	3.5%
2- Definitely	0	0%
3-Hardly	6	10.5%
4-Moderately	24	42.1%
5-Mostly	25	43.9%
Total	57	100%

Use project management tools to schedule project work and describe the rationale leading to lifelong learning for continuous professional development.

07 questions



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Department Of Information Technology

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

Academic Year 2022-23 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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Department of Information Technology
Academic Year 2022-23 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject:Blockchain & DLT
SUBJECT I/C:Madhumati Lotkar

Co 1. Understood basics of blockchain and able to differentiate between Blockchain and DLT

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	11	15.9
4. Mostly	21	30.4
5.Definitely	37	53.6
Total	69	100

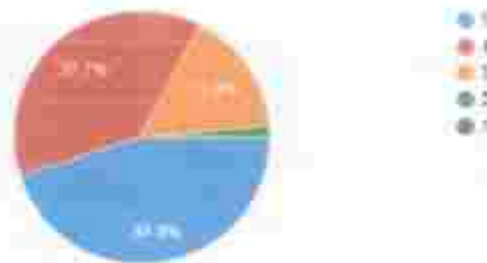
69 responses



Co2 . Understand consensus mechanism in bitcoin and , structure of block .

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1.4
3.Moderately	11	15.9
4. Mostly	26	37.7
5.Definitely	31	44.9
Total	69	100

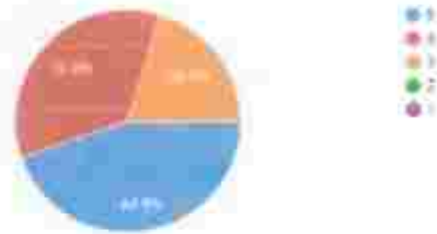
69 responses



Co 3 Able to design smart contract using solidity in ethereum network .

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	14	20.3
4. Mostly	24	34.8
5. Definitely	31	44.9
Total	69	100

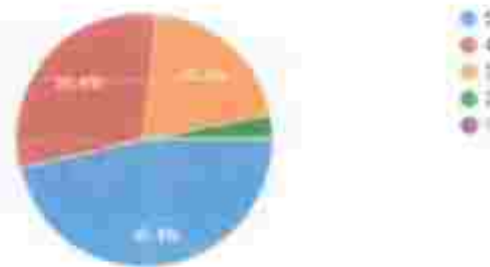
69 responses



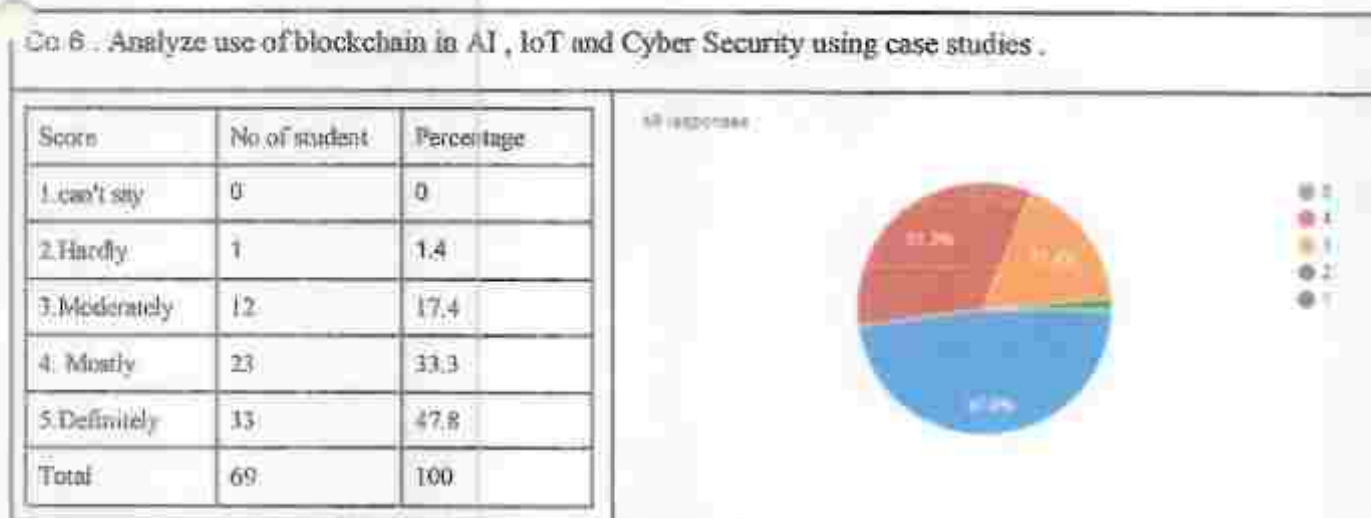
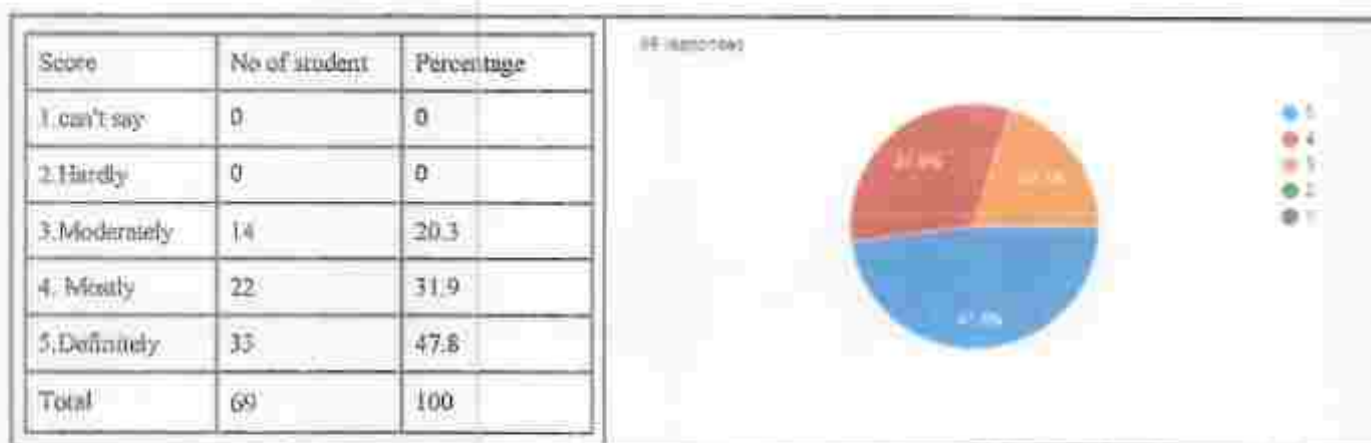
Co 4. Understood hyperledger fabric architecture and working of different hyperledger organizations

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	2	2.9
3. Moderately	14	20.3
4. Mostly	21	30.4
5. Definitely	32	46.4
Total	69	100

69 responses



Co 5 . Able to use cryptocurrency like ether and differentiate between cryptoassets and cryptocurrencies.



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Course Exit Analysis Report (SEM VIII)

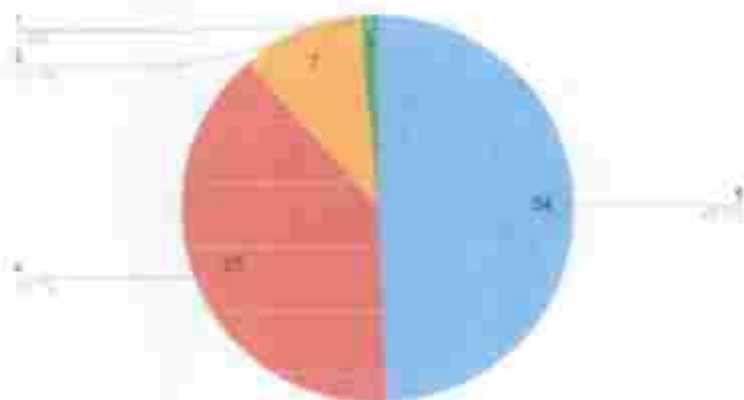
Subject: Cloud computing Lab

Subject In-charge: Prof. Kirti Mhamunkar

1. 1. Understand the concept of virtualization

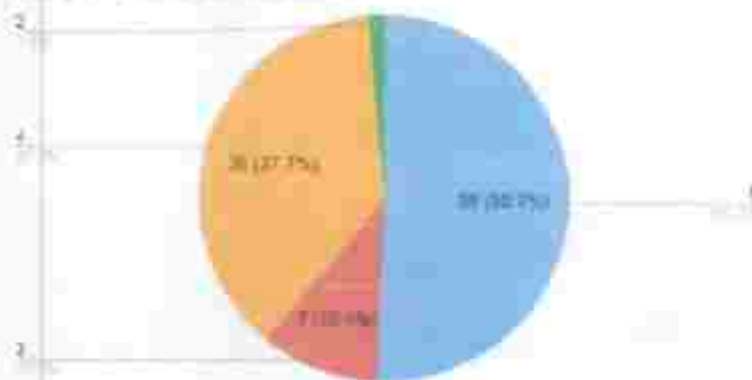
Score	no of student	Percentage
1-cant say	1	1.4
2 Hardly	0	0
3-moderate	7	10.1
4-mostly	27	39.1
5 Definitely	34	49.3
total	69	100

1 Understand the concept of virtualization



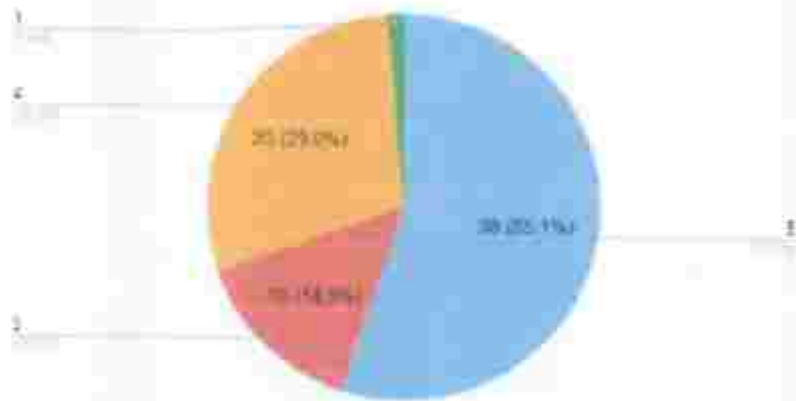
Score	no of student	Percentage
1-cant say		
2 Hardly	1	1.4
3-moderate	7	10.1
4-mostly	26	37.7
5 Definitely	35	50.7
total	69	100

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



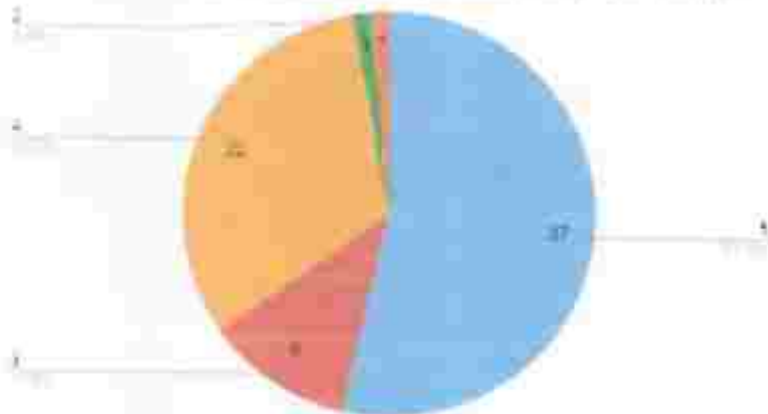
score	no of student	Percentage
1-cents say	1	1.4
2 Hardly	0	0
3-moderate	10	14.5
4-mostly	20	29
5-Definitely	38	55.1
total	69	100

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



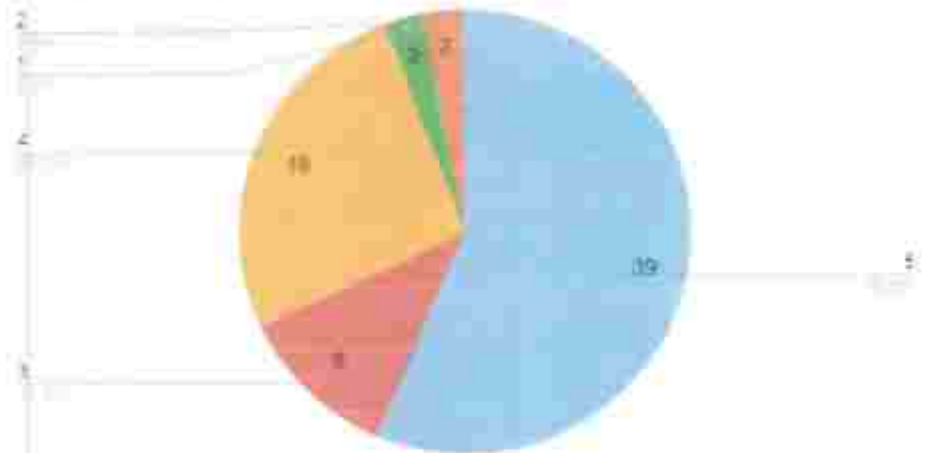
score	no of student	Percentage
1-cents say	1	1.4
2 Hardly	1	1.4
3-moderate	8	11.6
4-mostly	22	31.9
5-Definitely	37	53.6
total	69	100

4. Understand the Identity and Access Management (IAM) practices on AWS



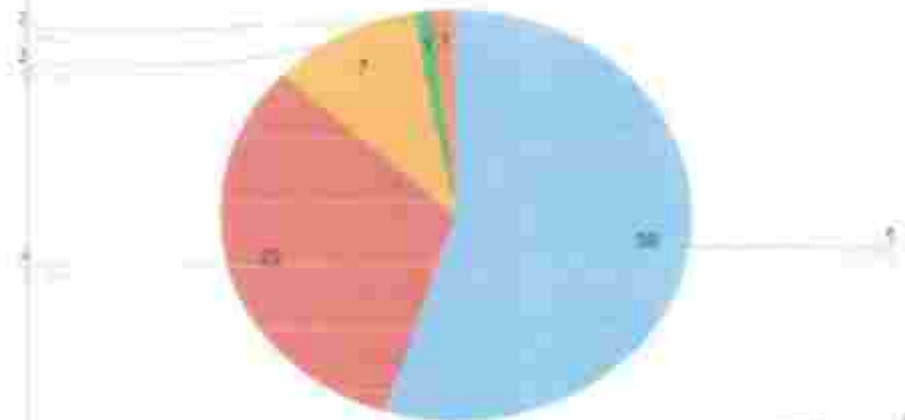
score	no of student	Percentage
1-cants say	2	2.9
2 Hardly	2	2.9
3-moderate	8	11.6
4-mostly	18	26.1
Definitely	39	56.5
total	69	100

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



score	no of student	Percentage
1-cants say	1	1.4
2 Hardly	1	1.4
3-moderate	7	10.1
4-mostly	22	31.9
5-Definitely	38	55.1
total		

6 Understand the Introduction of Kubernetes



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Department of Information Technology
Academic Year 2022-23 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject:Blockchain Lab
SUBJECT I/C:Madhumati Lotkar

Co 1. Understood basics of blockchain and able to setup test network for blockchain

Score	No of student	Percentage
1,can't say	0	0
2,Hardly	0	0
3,Moderately	13	18.8
4, Mostly	21	30.4
5,Definitely	35	50.7
Total	68	100

61 responses



Co2 . Able to develop and deploy smart contract on blockchain test network.

Score	No of student	Percentage
1,can't say	0	0
2,Hardly	0	0
3,Moderately	14	20.3
4, Mostly	26	37.7
5,Definitely	29	42

68 responses



Total	69	100
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Co 3 .Able to create and use wallets in metamask .

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.4
3. Moderately	11	15.9
4. Mostly	27	29.1
5. Definitely	30	43.5
Total	69	100

69 responses



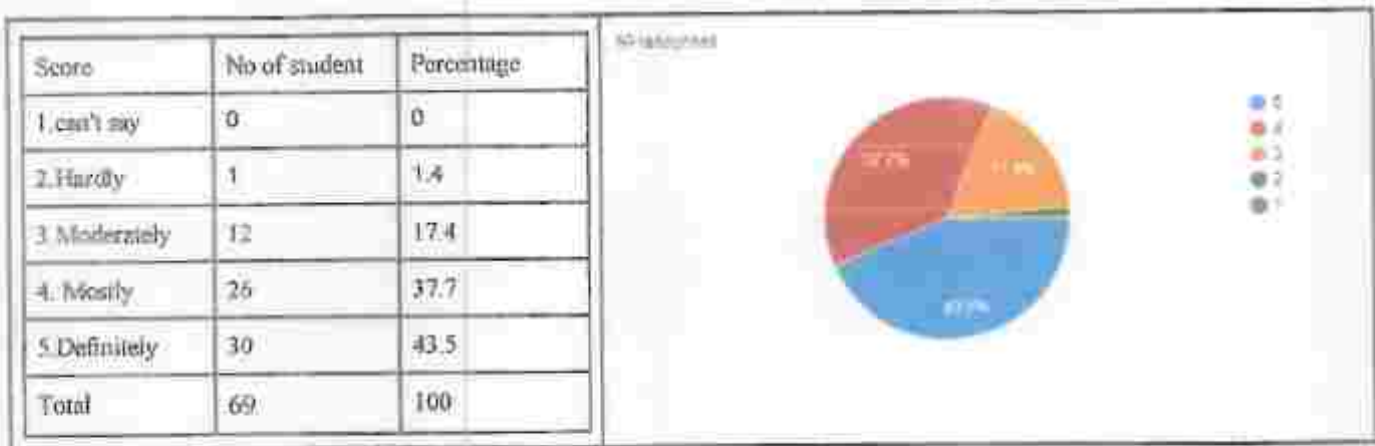
Co 4. Understood different cryptocurrencies and able to use one cryptocurrency in network like other.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	15	21.7
4. Mostly	25	36.2
5. Definitely	29	42
Total	69	100

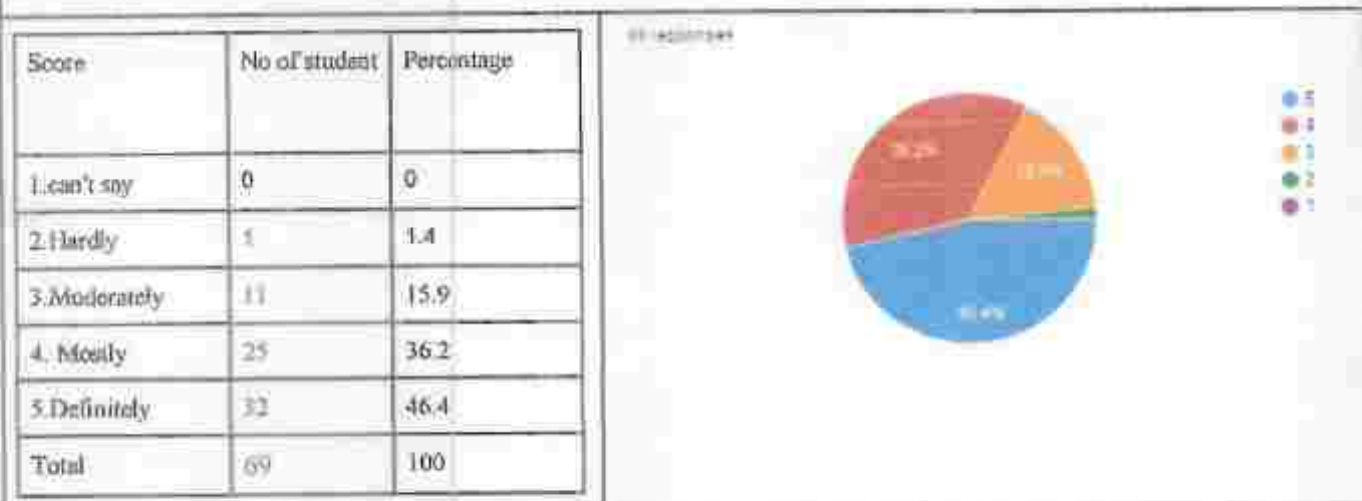
69 responses



Co 5 . Able to deploy chain code on blockchain .



Go 6 . Developed full-fledged DApp or NFT using Ethereum or other test network available



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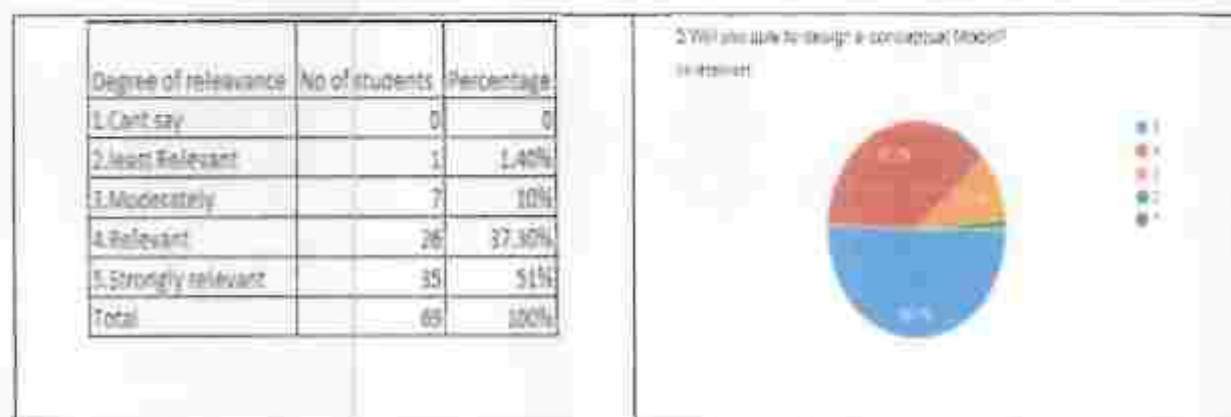
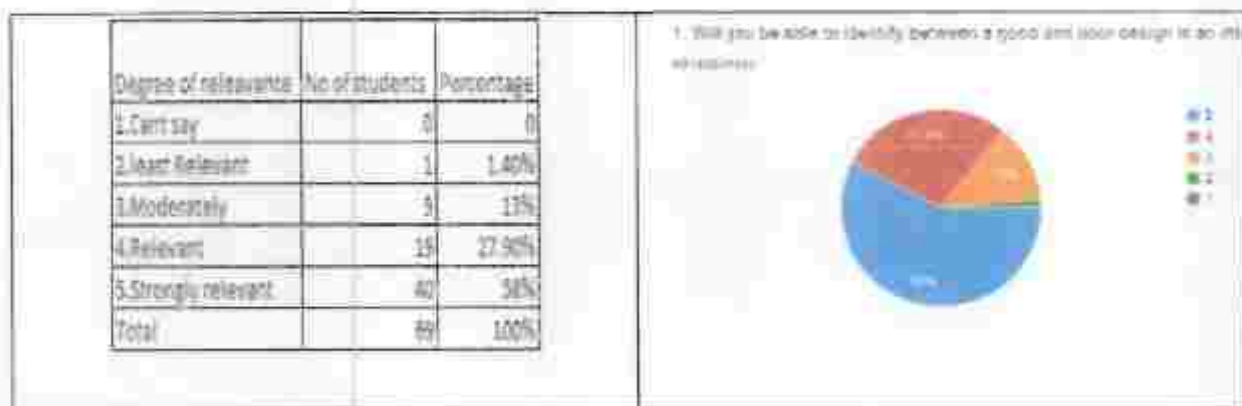
Department of Information Technology

Academic Year: 2022-2023(EVEN SEM)

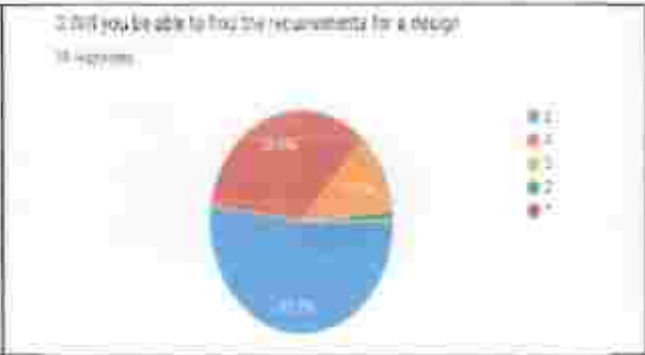
Course Exit Analysis Report (Sem VIII)

Subject: USER INTERFACE DESIGN

Subject In-charge: Prof.Varalakshmi R



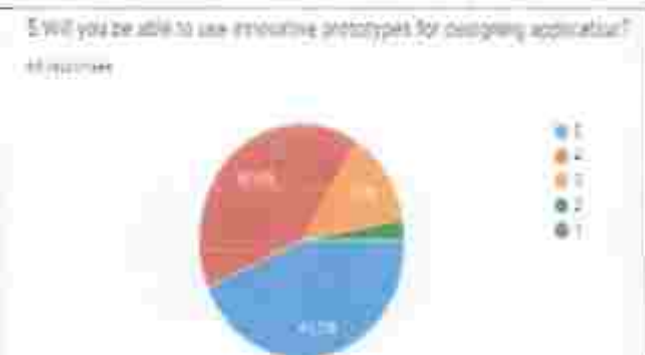
Degree of relevance	No of students	Percentage
1.Cant say	0	0%
2.least Relevant	1	1.40%
3.Moderately	8	12%
4.Relevant	24	34.80%
5.Strongly relevant	36	52%
Total	69	100%



Degree of relevance	No of students	Percentage
1.Cant say	0	0%
2.least Relevant	1	1.40%
3.Moderately	7	10%
4.Relevant	25	36.20%
5.Strongly relevant	36	52%
Total	69	100%



Degree of relevance	No of students	Percentage
1.Cant say	0	0%
2.least Relevant	2	2.90%
3.Moderately	9	13%
4.Relevant	26	40.60%
5.Strongly relevant	30	44%
Total	69	100%



Degree of relevance	No of students	Percentage
1. Cant say	0	0%
2. Least Relevant	1	1.40%
3. Moderately	7	11%
4. Relevant	20	36.20%
5. Strongly relevant	39	52%
Total	69	100%

Q.10) you are able to identify appropriate techniques and languages for design user interaction

(in %)



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Department of Information Technology
Academic Year 2022-23 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: ILOC Environmental Management
SUBJECT I/C: Alka Purohit

Co 1. You are able to understand the concept of Environmental management.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	2	1.3
3. Moderately	4	6.7
4. Mostly	24	32
5. Definitely	45	80
Total	75	100

75 responses



Co2 . You are able to understand the need of Sustainable development.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.3
3. Moderately	8	10.7
4. Mostly	21	28
5. Definitely	45	60
Total	75	100

75 responses



CO 3. You are able to learn the concept of Ecosystem, Ecology and Food chain etc.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	2	2.7
3. Moderately	8	10.7
4. Mostly	28	37.3
5. Definitely	37	49.3
Total	75	100

75 responses



CO 4. You are able to understand scope and implementation of Environmental management, in corporate sector, companies etc.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	2	2.7
3. Moderately	9	12
4. Mostly	23	30.7
5. Definitely	41	54.7
Total	75	100

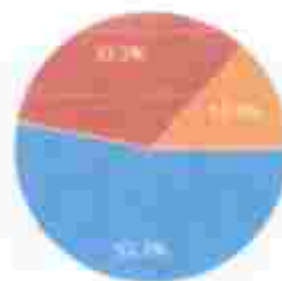
75 responses



Co 5 . You are able to learn Total Quality Environmental management and its certification process.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	10	13.3
4. Mostly	25	33.3
5. Definitely	40	53.3
Total	75	100

75 responses



Co 6 . You are informed of and familiarized with Environment related legislations.

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.3
3. Moderately	10	13.3
4. Mostly	24	32
5. Definitely	40	53.3
Total	75	100

75 responses



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Department of Information Technology

Academic Year: 2022-2023(EVEN SEM)

Course Exit Analysis Report (Sem VIII)

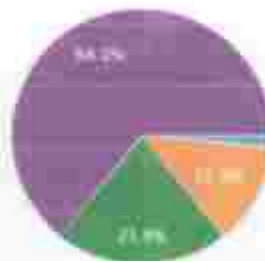
Subject: Big Data Analytics

Subject In-charge: Dr.Divya Tamma

1. Understand and analyze Big Data Concepts

score	no of student	Percentage
1-cant say	1	1.4%
2 Hardly	0	0%
3- moderate	9	12.9%
4-mostly	15	21.4%
5 Definitely	45	64.3%
total	70	100

1. Understand and analyze Big Data Concepts
70 responses



2. Understand and analyze Hadoop and NOSQL

score	no of student	Percentage
1-cant say	1	1.4%
2 Hardly	0	0%
3- moderate	8	11.4%
4-mostly	17	24.3%
5 Definitely	44	62.9%
total	70	100

2. Understand and analyze Hadoop and NOSQL
70 responses



3. Understand and analyze the concepts of map reduce paradigm

score	no of student	Percentage
1-cant say	1	1.4%
2 Hardly	0	0%
3-moderate	7	10%
4-mostly	15	21.4%
5 Definitely	47	57.1%
total	70	100%

3. Understand and analyze the concepts of Map Reduce Paradigm

70 responses



4. Understand and analyze the clustering and classification algorithms

score	no of student	Percentage
1-cant say	2	1.4%
2 Hardly	0	0%
3-moderate	4	8.6%
4-mostly	15	21.4%
5 Definitely	49	67.1%
total	70	100%

4. Understand and analyze the clustering and classification algorithms

70 responses



5. Understand and analyze big data streams, web graphs, and social media data

score	no of student	Percentage
1-cants say	1	1.4%
2 Hardly	0	0%
3-moderate	9	12.9%
4-mostly	21	30%
5 Definitely	39	55.7%
total	70	100%

5. Understand and analyze big data streams, web graphs and social media data
70 responses



6. understand and analyze the recommendation engines for enterprises

score	no of student	Percentage
1-cants say	1	1.4%
2 Hardly	0	0%
3-moderate	8	11.4%
4-mostly	19	27.1%
5 Definitely	42	60%
total	70	100

6. Understand and analyze the recommendation engines for enterprises
70 responses



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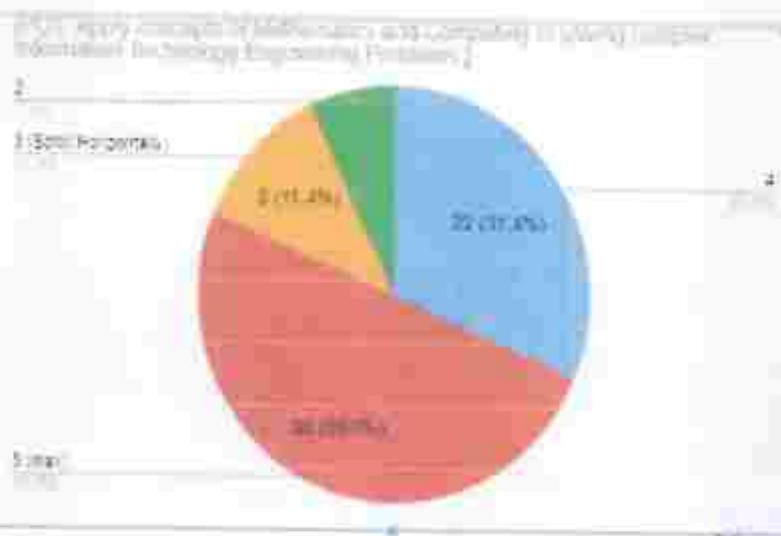
SARASWATI Engineering Society
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 Kharagpur, West Bengal - 751 033.

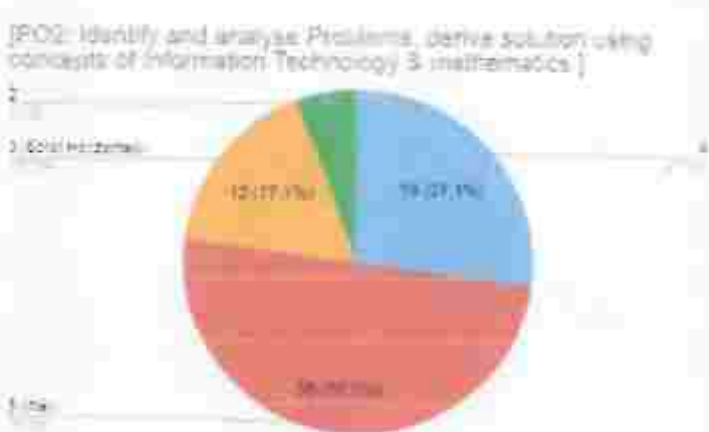
Department of Information Technology
 Academic Year: 2022-2023

Program Exit Analysis Report

Score	No. of students	%
1-can't say	0	0
2-least relevant	3	7.1
3- moderately relevant	8	11.4
4- Relevant	22	31.4
5 – strongly Relevant	35	50
total	70	100



Score	No. of students	%
1-can't say	0	0
2-least relevant	4	5.7
3- moderately relevant	12	17.1
4- Relevant	19	27.1
5 – strongly Relevant	35	50
total	70	100





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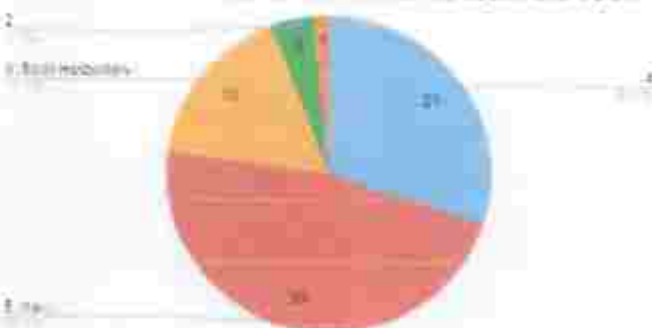
Score	No. of students	%
1-can't say	0	0
2-least relevant	5	7.1
3- moderately relevant	8	11.4
4- Relevant	26	37.1
5 – strongly Relevant	31	44.3
total	70	100

[PO3: Apply appropriate solution to Complex information Technology Engineering problems, leading to valid conclusion.]



Score	No. of students	%
1-can't say	1	1
2-least relevant	3	4.3
3- moderately relevant	12	17.1
4- Relevant	21	30
5 – strongly Relevant	33	47
total	70	100

[PO4: Design IT System/ components, Process to meet identified needs with appropriate attention to health and Safety.]



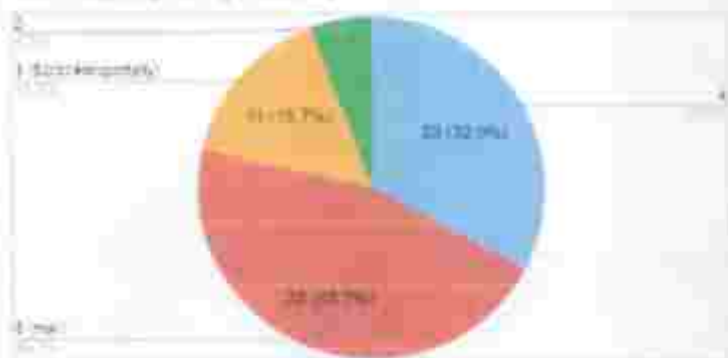


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Score	No. of students	%
1- can't say	0	0
2- least relevant	4	5.7
3- moderately relevant	11	15.7
4- Relevant	23	32.9
5 - strongly Relevant	32	45.7
total	70	100

Q10. Overall, content and quality appropriate techniques, resources and strategies (Engineering software using standard tools and design for Embedded Systems Engineering Projects.)



Score	No. of students	%
1- can't say	1	1.4
2- least relevant	5	7.1
3- moderately relevant	10	14.3
4- Relevant	20	28.6
5 - strongly Relevant	34	48.6
total	70	100

Q11. Overall, the level of Embedded Systems course content and environment (at Saraswati Engineering)



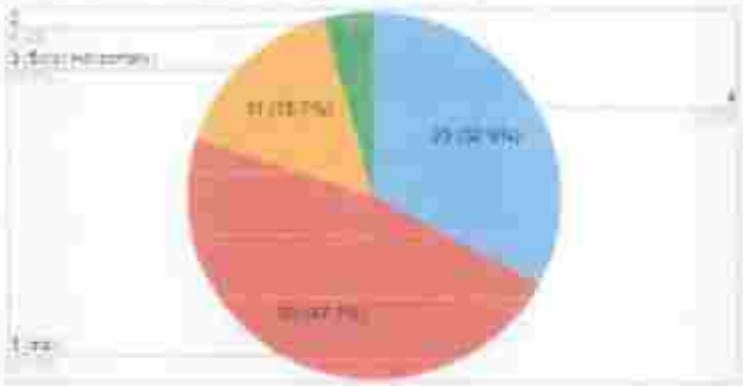


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[Group: B.Tech. Automobile and Computer Aided
 Mechanical Tech. Semester: 1st SEM]

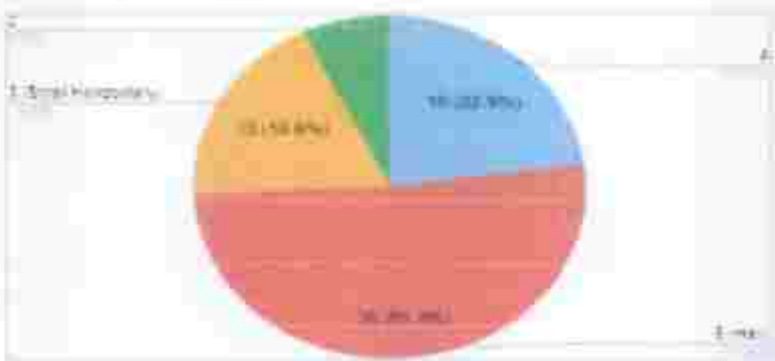
Score	No. of students	%
1- can't say	0	0
2- least relevant	3	4.3
3- moderately relevant	11	15.7
4- Relevant	23	32.9
5 - strongly Relevant	33	47.1
total	70	100

FIG. 1. Understanding Social, Health, Safety, Culture, Code of Ethics and Professionalism (Subject: Engineering Professionalism)



Score	No. of students	%
1- can't say	0	0
2- least relevant	5	7.1
3- moderately relevant	13	18.6
4- Relevant	16	22.9
5 - strongly Relevant	36	51.4
total	70	100

FIG. 2. Apply Professional Ethics, Accountability and Safety in Engineering (Subject: Professionalism)



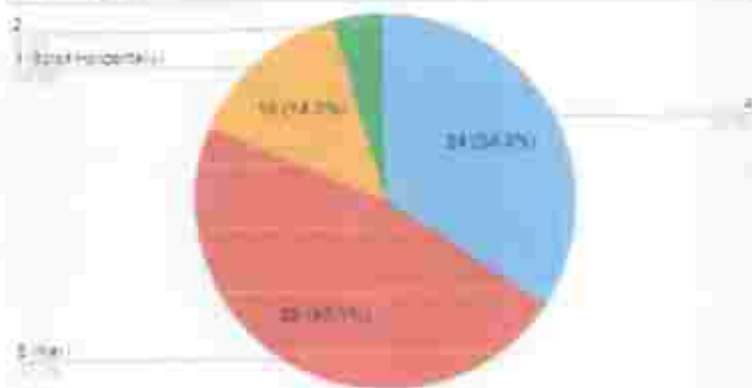


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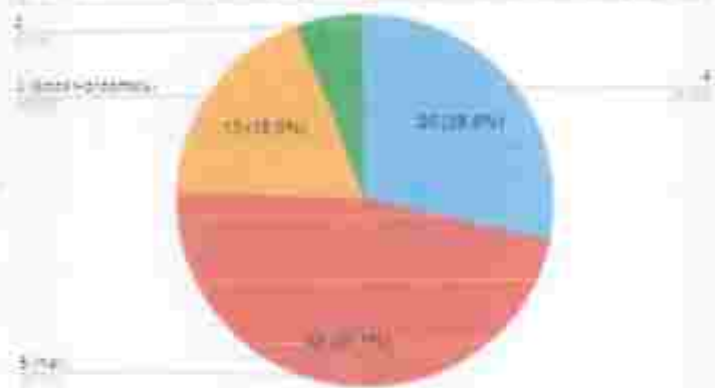
Score	No. of students	%
1- can't say	0	0
2- least relevant	3	4.3
3- moderately relevant	10	14.3
4- Relevant	24	34.3
5 - strongly Relevant	33	47.1
total	70	100

Q10) "I will have a better job when I graduate from this program" (20)



Score	No. of students	%
1- can't say	0	0
2- least relevant	4	5.7
3- moderately relevant	13	18.6
4- Relevant	20	28.6
5 - strongly Relevant	33	47.1
total	70	100

Q11) "Commercial Efficiency will be achieved and will benefit society" (20)



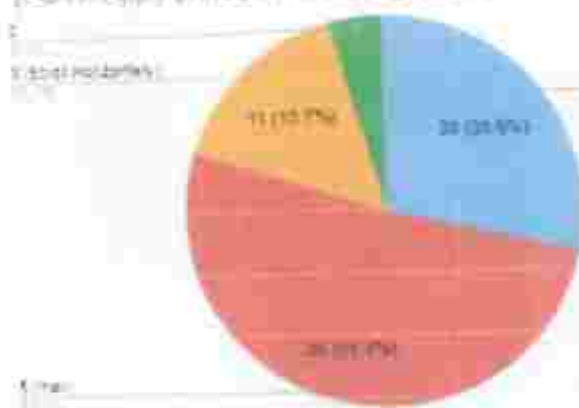


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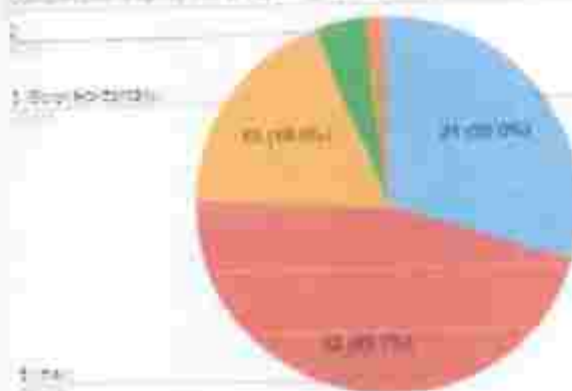
Score	No. of students	%
1-can't say	0	0
2-least relevant	3	4.3
3- moderately relevant	11	15.7
4- Relevant	20	28.6
5 - strongly Relevant	36	51.4
total	70	100

[PO11: Apply principles of Management]



Score	No. of students	%
1-can't say	1	1
2-least relevant	3	4.3
3- moderately relevant	13	18.6
4- Relevant	21	30
5 - strongly Relevant	32	45.7
total	70	100

[PO12: (Application of Electronics) Professionalism and ethics in computer using the DPC Engineer student]



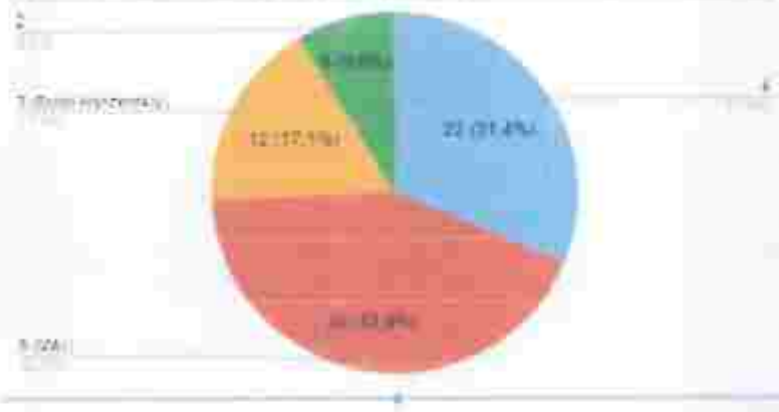


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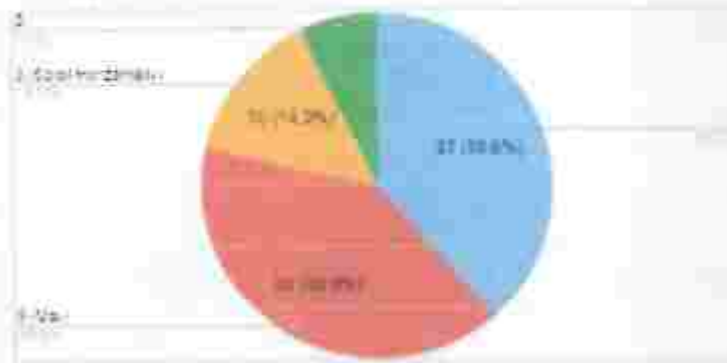
Score	No. of students	%
1-can't say	0	0
2-least relevant	6	8.6
3- moderately relevant	12	17.1
4- Relevant	22	31.4
5 - strongly Relevant	30	42.9
total	70	100

(P107) Are you able to Consider and analyse complex engineering problems using relevant Technology engineering Mathematics Fig. Data, Diagrams, Systems, Code, Computers and new systems.)



Score	No. of students	%
1-can't say	0	0
2-least relevant	3	7.1
3- moderately relevant	10	14.3
4- Relevant	27	38.6
5 - strongly Relevant	28	40
total	70	100

(P108) Are you able to plan and develop efficient, realistic, and cost-effective and applicable software using and applying emerging software tools, effectively.)



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Academic Year: 2022-2023

Summary of Feedback received from student through program exit form

Based on the feedback collected from the students in the program exit form, following observations were found

1. Expert seminar required from the industrial people in that area
2. New technology like block chain, NLP should be included in syllabus.
3. Include industrial visit, workshop, hands-on for most of subject.

HoD, IT dept

Principal, scoe



Department of Information Technology
Action taken based on feedback from students (CO & PO)
Academic year 2022-23 EVEN SEM

Summary of feedback -Semester VIII:

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	Blockchain CAP theorem Byzantine Generals Problem	Solved problems are explained & shared with students in class.	14/2/2023
2	Algorithms Using MapReduce: Matrix Vector Multiplication by MapReduce , Relational-Algebra Operations,	https://drive.google.com/file/d/1JhTksd-VUWbDVCAYN-JNoDfUyB8YaP/view?usp=drive_link	28/3/2023


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