



Department of Information Technology

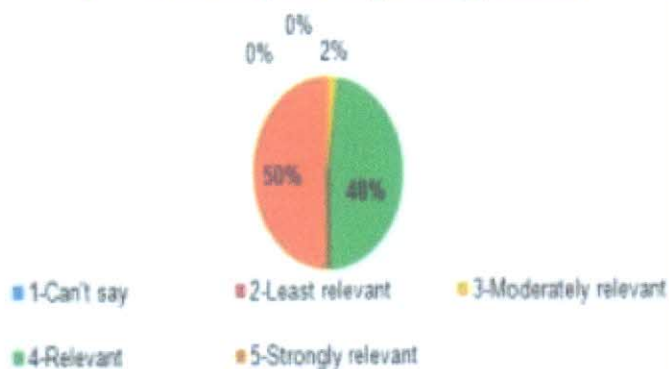
Academic Year: 2021-2022 (ODD SEM)

Course Exit Analysis Report (SemIII)

Subject: EM-III

Subject In-charge: Prof.Vasudeo Nazirkar

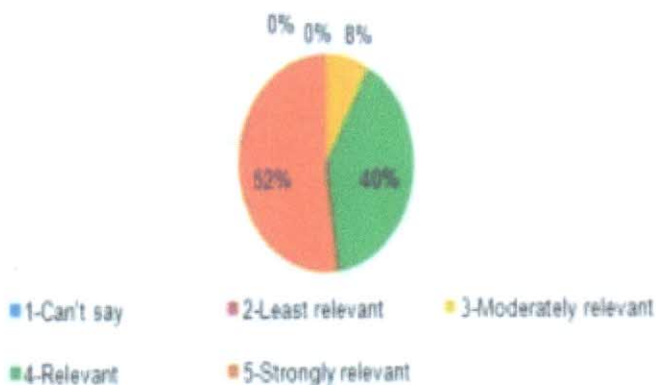
CO1.Apply the concept of Laplace transform to solve the real integrals in engineering problems .



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-Least relevant	0	0
3-Moderately relevant	1	2.08
4-Relevant	23	47.9
5-Strongly relevant	24	50
Total	48	100

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



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

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	4	8.33
4-Relevant	19	39.58
5-Strongly relevant	25	52.08
Total	48	100



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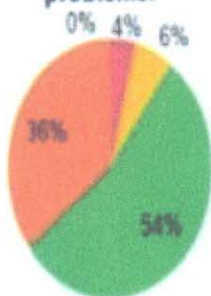
Department of Information Technology
Academic Year: 2021-2022 (ODD SEM)

Course Exit Analysis Report (SemIII)

Subject: EM-III

Subject In-charge: Prof.Vasudeo Nazirkar

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

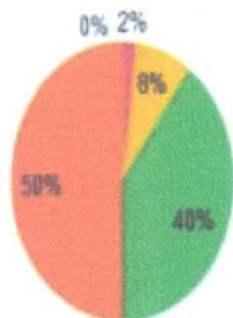


1-Can't say
2-Least relevant
3-Moderately relevant
4-Relevant
5-Strongly relevant

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-Least relevant	2	4.16
3-Moderately relevant	3	6.25
4-Relevant	26	54.16
5-Strongly relevant	17	35.41
Total	48	100

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



1-Can't say
2-Least relevant
3-Moderately relevant
4-Relevant
5-Strongly relevant

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-Least relevant	1	2.08
3-Moderately relevant	4	8.33
4-Relevant	19	39.58
5-Strongly relevant	24	50
Total	48	100



Department of Information Technology

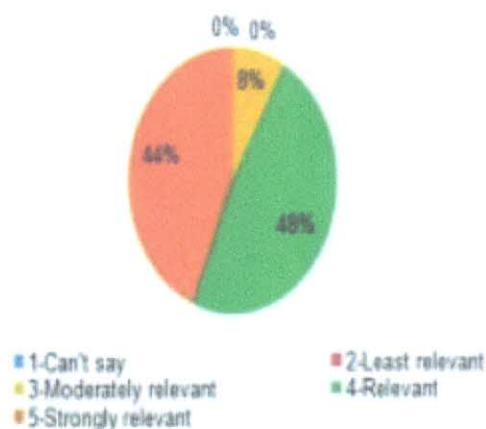
Academic Year: 2021-2022 (ODD SEM)

Course Exit Analysis Report (SemIII)

Subject: EM-III

Subject In-charge: Prof.Vasudeo Nazirkar

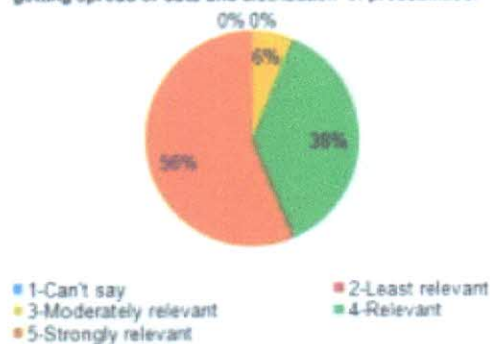
CO5. Apply the concept of Correlation and Regression to the engineering problems in data science.



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-Least relevant	0	0
3-Moderately relevant	4	8.33
4-Relevant	23	47.91
5-Strongly relevant	21	43.75
Total	48	100

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



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-Least relevant	0	0
3-Moderately relevant	3	6.25
4-Relevant	18	37.5
5-Strongly relevant	27	56.25
Total	48	100

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Department of Information Technology

Academic Year: 2021-2022 (ODD SEM)

Course Exit Analysis Report (Sem III)

Subject: DSA

Subject In-charge: Prof. Maahi Khemchandani.

After Completing Course of Data Structure and Analysis, are you able to,

1. Understand Data structure with its types and concept of stack, Queue and Linked List with implementation of operations like insertion, deletion, and traversing mechanism etc. on IT.

43 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	2	4
3. Moderately Relevant	8	19
4. Relevant	20	47
5. Strongly Relevant	13	30
Total	43	100%

2. Discuss and Categorize the concept of nonlinear data Structure such as trees with advanced data structure often including threaded binary tree, Binary Search Tree, AVL Tree. Identify algorithm to perform numerous operations like creation, insertion and traversing Tree.

43 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	2	4
3. Moderately Relevant	9	21
4. Relevant	24	56
5. Strongly Relevant	8	19
Total	43	100

3. Discuss the concepts of graph with its various representation and its types. Illustrate Graph with its various operations.

43 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	1	2
2. Least Relevant	0	0
3. Moderately Relevant	18	42
4. Relevant	15	35
5. Strongly Relevant	9	21
Total	43	100



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Academic Year: 2021-2022 (ODD SEM)

Course Exit Analysis Report (SemIII)

Subject: DSA

Subject In-charge: Prof. Maahi Khemchandani.

4. Discuss, Use and Interpret the core values of recursion in programming. Discuss identify a need for storage management process with its techniques of handling fragmentation like first fit, best fit, worst fit.

43 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	1	2
3. Moderately Relevant	15	35
4. Relevant	22	51
5. Strongly Relevant	5	12
Total	43	100

5. Understand the concepts of sorting, searching and hashing with its collision handling methods like Linear Probing, Chaining etc.

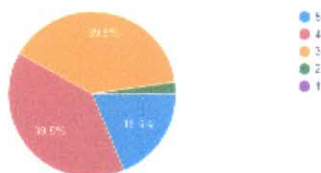
43 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	3	7
3. Moderately Relevant	14	33
4. Relevant	18	42
5. Strongly Relevant	8	19
Total	43	100

6. Explore various applications of stack like expression conversion, parenthesis matching, Queue like scheduling, Linked List like addition of two polynomial equation, trees like Huffman code, and Graph like Minimum Spanning Tree algorithms.

43 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	1	1
3. Moderately Relevant	17	40
4. Relevant	17	40
5. Strongly Relevant	8	19
Total	43	100

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Academic Year: 2021-2022 (ODD SEM)

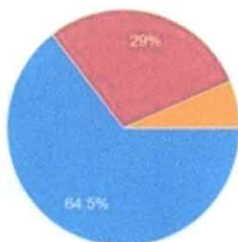
Course Exit Analysis Report (SemIII)

Subject: DBMS

Subject In-charge: Prof. Diksha Kumar

1. Identify the need of Database Management System. Compare and contrast Traditional systems and database systems

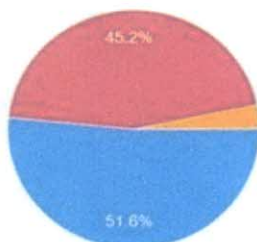
31 responses



Score	No. of student	Percentage
5. Strongly Relevant	20	64.52
4. Relevant	9	29.03
3. Moderately Relevant	2	6.45
2. Least Relevant	0	0
1. Can't say	0	0
TOTAL	31	100

2. Apply the theory of database systems. Able to design a database and solve a real time database problem

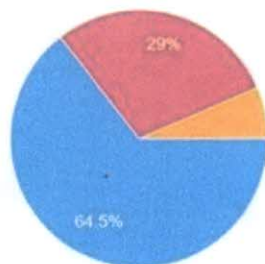
31 responses



Score	No. of student	Percentage
5. Strongly Relevant	16	51.61
4. Relevant	14	45.16
3. Moderately Relevant	1	0.03
2. Least Relevant	0	0
1. Can't say	0	0
Total	31	100

3. Identify relational model constraints for the database . Apply relational algebra queries to implement database analysis and building

31 responses



Score	No. of student	Percentage
5. Strongly Relevant	20	64.5
4. Relevant	9	29.03
3. Moderately Relevant	2	6.45
2. Least Relevant	0	0
1. Can't say	0	0
Total	31	100



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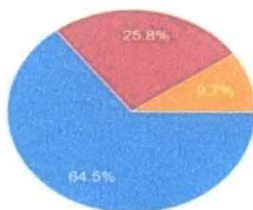
Course Exit Analysis Report (SemIII)

Subject: DBMS

Subject In-charge: Prof. Diksha Kumar

4. Apply the knowledge of SQL to formulate queries

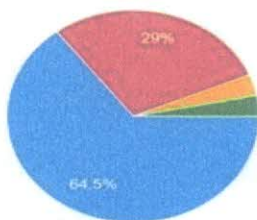
31 responses



Score	No. of student	Percentage
5. Strongly Relevant	20	64.5
4. Relevant	8	25.8
3. Moderately Relevant	3	9.7
2. Least Relevant	0	0
1. Can't say	0	0
Total	31	100

5. Identify design constraints. Apply the principles of normalization to normalize the database to the highest normalization level

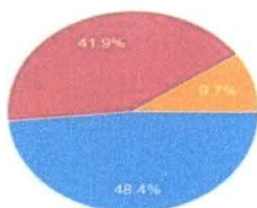
31 responses



Score	No. of student	Percentage
5. Strongly Relevant	20	64.5
4. Relevant	9	29
3. Moderately Relevant	1	3.2
2. Least Relevant	1	3.2
1. Can't say	0	0
Total	31	100

6. Demonstrate and identify the concept of transaction, concurrency and recovery.

31 responses



Score	No. of student	Percentage
5. Strongly Relevant	15	48.38
4. Relevant	13	41.93
3. Moderately Relevant	3	9.67
2. Least Relevant	0	0
1. Can't say	0	0
Total	31	100

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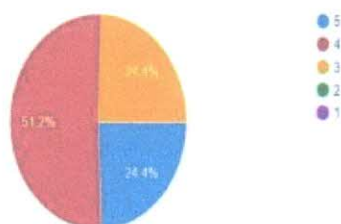
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Department of Information Technology
Academic Year: 2021-2022 (ODD SEM)
Course Exit Analysis Report (SemIII)
Subject: POC
Subject In-charge: Prof.ANURADHA DANDWATE

1. Explain the basic of Analog and Digital Communication Systems and can Compare between Analog and Digital Communication Systems to select best communication system as per application.

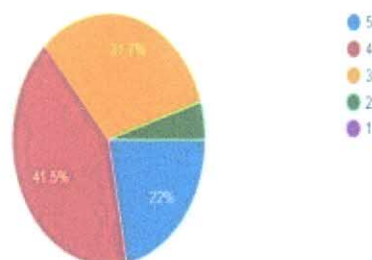
41 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	10	24
4- Mostly	21	52
5- Definitely	10	24
Total	41	100

2. Differentiate types of noise.? Apply the knowledge of Friis formula to solve problems. Analyses the Fourier transform of time and frequency domain and interpret the result.

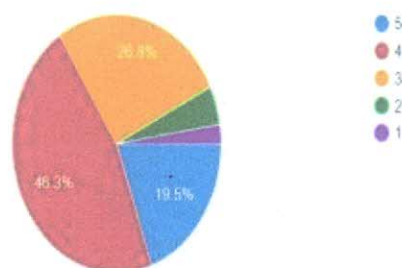
41 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	4	4
3- Moderately	13	32
4- Mostly	17	42
5- Definitely	9	22
Total	41	100

3. Explain Amplitude and Frequency modulation techniques. Sketch Transmitter and receiver of AM, DSB, SSB and FM.

41 responses



Score	No. of Students	Percentage (%)
1- Can't Say	1	3
2 - Hardly	1	3
3- Moderately	11	27
4- Mostly	19	47
5- Definitely	9	20
Total	41	100



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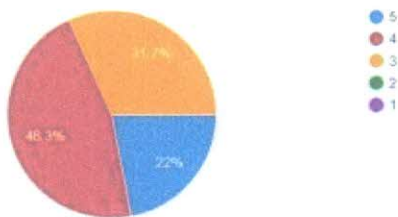
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Department of Information Technology
Academic Year: 2021-2022 (ODD SEM)
Course Exit Analysis Report (SemIII)
Subject: POC
Subject In-charge: Prof.ANURADHA DANDWATE

4. Explain Pulse analog and digital modulation techniques. Compare and contrast between Pulse digital modulation techniques to select best modulation technique

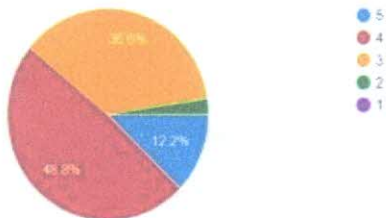
41 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	13	32
4- Mostly	19	46
5- Definitely	9	22
Total	41	100

5. Explain ASK, FSK, PSK modulation techniques. Compare and contrast between ASK, FSK, PSK modulation techniques to select best modulation technique.

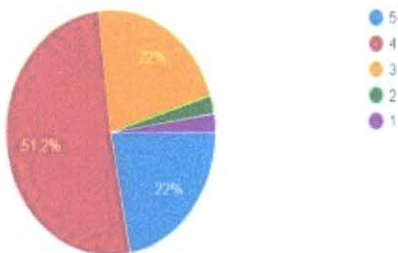
41 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2
3- Moderately	15	37
4- Mostly	20	49
5- Definitely	5	12
Total	41	100

6. Explain Electromagnetic radiation and propagation and its types.

41 responses



Score	No. of Students	Percentage (%)
1- Can't Say	1	2
2 - Hardly	1	2
3- Moderately	9	22
4- Mostly	21	52
5- Definitely	9	22
Total	41	100

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Academic Year: 2021-2022 (ODD SEM)

Course Exit Analysis Report (SemIII)

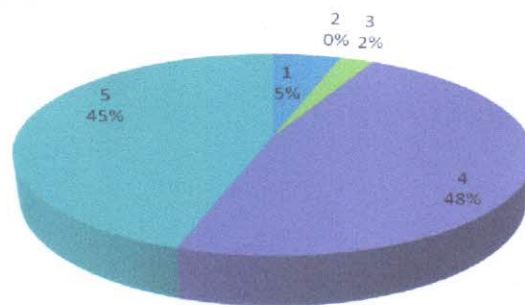
Subject: JP

Subject In-charge: Prof.Kirti Pawar

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

Score	No of student	Percentage
1.can't say	2	5
2.Hardly	0	0
3.Moderately	1	2.5
4. Mostly	19	47.5
5.Definitely	18	45
Total	40	100

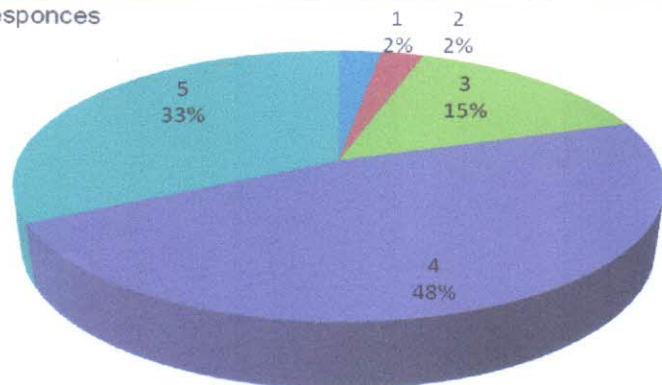
40 Responses



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	1	2.5
2.Hardly	1	2.5
3.Moderately	6	15
4. Mostly	19	47.5
5.Definitely	13	32.5
Total	40	100

40 Responses



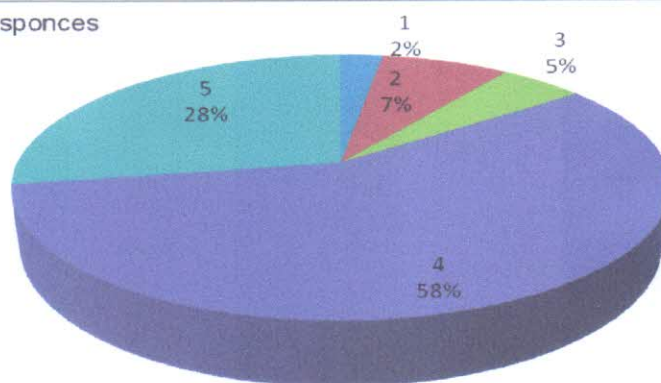


Department of Information Technology
Academic Year: 2021-2022 (ODD SEM)
Course Exit Analysis Report (SemIII)
Subject: JP
Subject In-charge: Prof.Kirti Pawar

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

Score	No of student	Percentage
1.can't say	1	2.5
2.Hardly	3	7.5
3.Moderately	2	5
4. Mostly	23	57.5
5.Definitely	11	27.5
Total	40	100

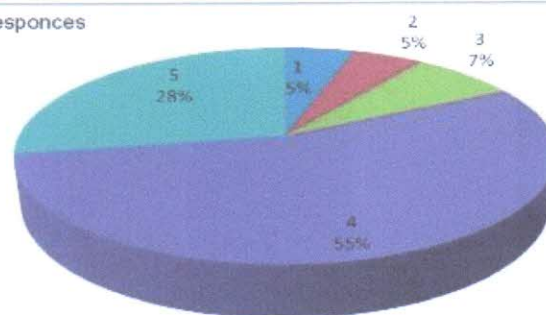
40 Responses



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

Score	No of student	Percentage
1.can't say	2	5
2.Hardly	2	5
3.Moderately	3	7.5
4. Mostly	22	55
5.Definitely	11	27.5
Total	40	100

40 Responses





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Course Exit Analysis Report (SemIII)

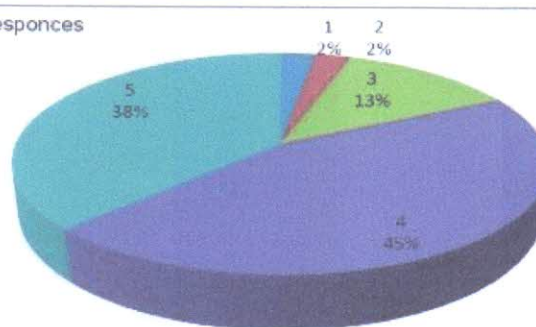
Subject: JP

Subject In-charge: Prof.Kirti Pawar

Co 5 . Understand how to develop GUI by exploring Swing and AWT along with response to the event.

Score	No of student	Percentage
1.can't say	1	2.5
2.Hardly	1	2.5
3.Moderately	5	12.5
4. Mostly	18	45
5.Definitely	15	37.5
Total	40	100

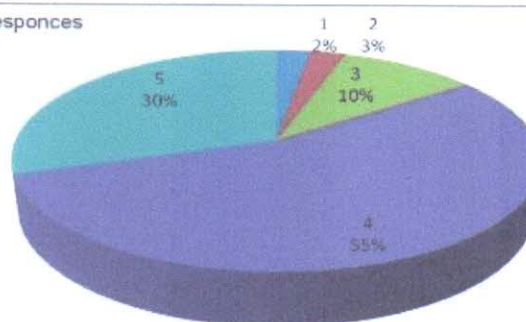
40 Responses



Co 6. Understand how to develop GUI by exploring JavaFx framework based on MVC architecture.

Score	No of student	Percentage
1.can't say	1	2.5
2.Hardly	1	2.5
3.Moderately	4	10
4. Mostly	22	55
5.Definitely	12	30
Total	40	100

40 Responses



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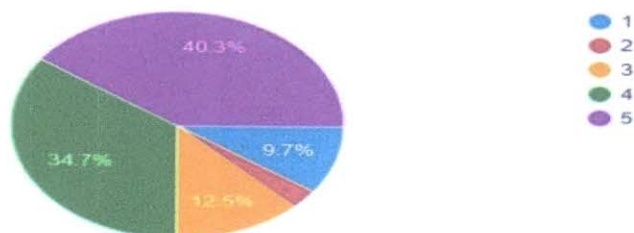
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Academic Year: 2021-2022 (ODD SEM)
Course Exit Analysis Report (SemIII)
Subject: PCPF
Subject In-charge: Prof. Kirti Mhamunkar

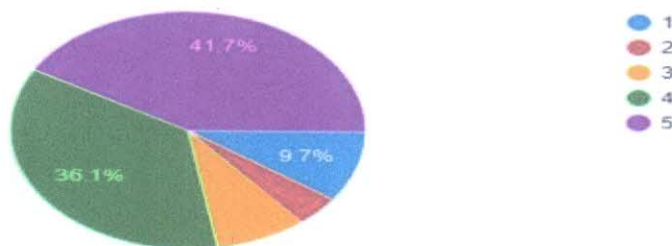
1. Understand the different programming paradigms.

1-cants say	7	9.7
2 Hardly	2	2.8
3-moderate	9	12.5
4-mostly	25	34.7
5 Definitely	29	40.3
total	72	100



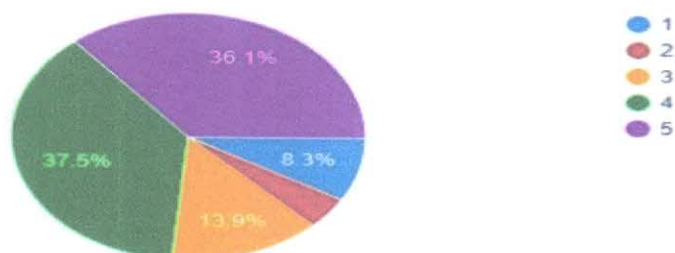
2 Understand the basic concept of object oriented programming

1-cants say	7	9.7
2 Hardly	3	4.2
3-moderate	6	8.3
4-mostly	26	38.1
5 Definitely	30	41.7
total	72	100



3. Understand the concept lambda calculus

1-cants say	6	8.3
2 Hardly	3	4.2
3-moderate	10	13.9
4-mostly	27	37.5
5 Definitely	26	36.1
total	72	100





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Academic Year: 2021-2022 (ODD SEM)

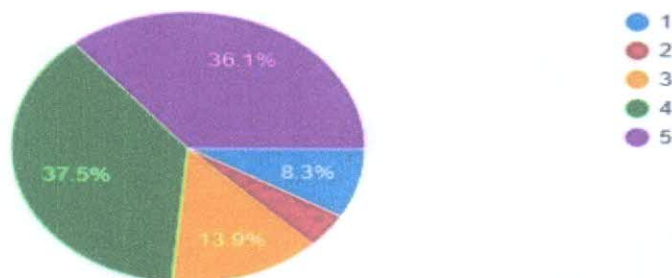
Course Exit Analysis Report (SemIII)

Subject: PCPF

Subject In-charge: Kirti Mhamunkar

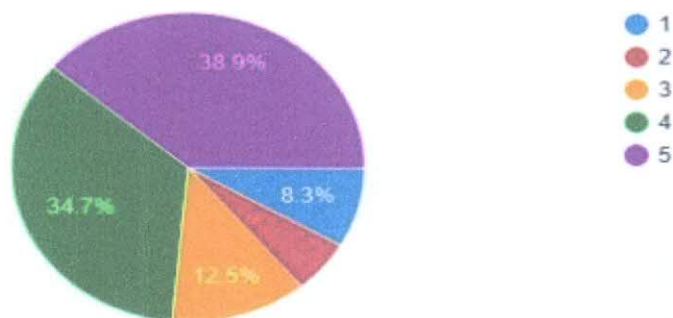
4. Understand the structure of PROLOG language

1-cants say	8	11.1
2 Hardly	2	2.8
3-moderate	9	12.5
4-mostly	25	34.7
5 Definitely	28	38.9
total	48	100



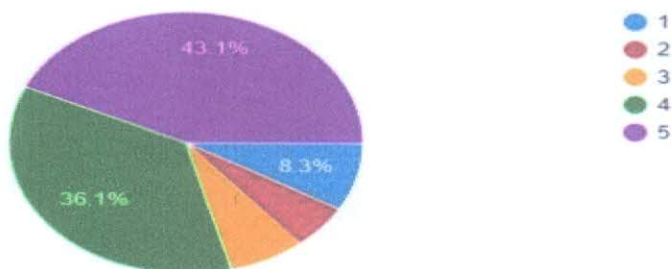
5. Understand the concept of Concurrent Programming Fundamentals

1-cants say	6	8.3
2 Hardly	4	5.6
3-moderate	9	12.53
4-mostly	25	34.7
5 Definitely	28	38.9
total	48	100



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

1-cants say	6	8.3
2 Hardly	4	5.6
3-moderate	5	6.9
4-mostly	26	36.1
5 Definitely	31	43.1
total	48	100



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Action Taken Based on Feedback from Student .(CO/PO)
Academic Year: 2021-2022 (ODD SEM)

Summary of Feedback-

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

1. More practice for Engineering Mathematics III
2. Need animated videos for better understanding
3. Exposure to add on courses to boost practical knowledge
4. Need awareness about the latest technologies and practices in industry.

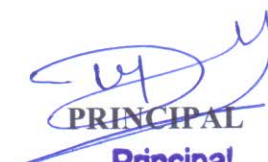
Action Taken-

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

Sr. no	PROG RAM	COURSE	Feedback/ Suggetions	Action Taken	Date
1	IT	PCPF	Functional programming concept	https://softuni.org/dev-concepts/what-is-functional-programming/ https://www.youtube.com/watch?v=KHojnWHemO0	As per requirement
2	IT	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


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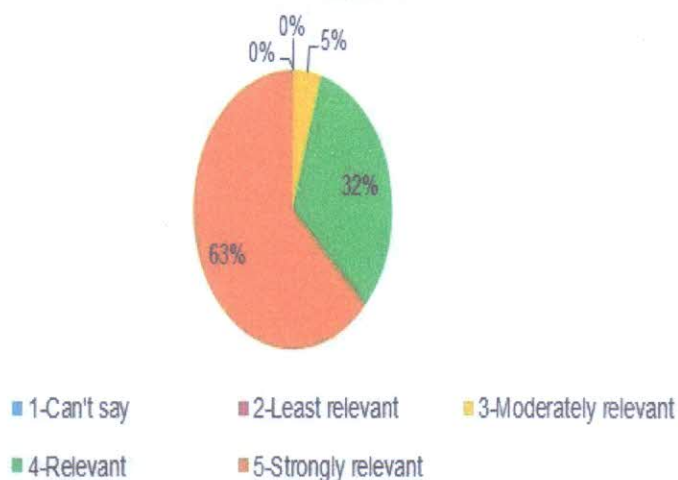

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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: EM-IV
Subject In-charge: Prof. Vasudeo Nazirkar

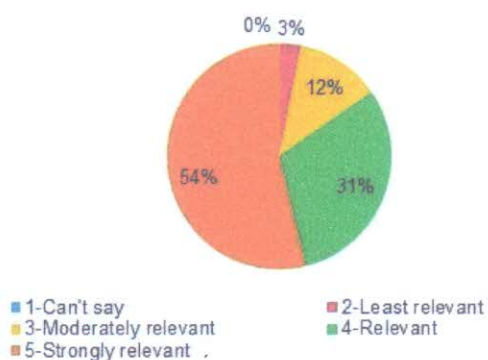
CO1. Apply the concept of eigen values and eigen vectors to solve engineering problems.



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	0	0
3-Moderately relevant	3	4.61
4-Relevant	21	32.3
5-Strongly relevant	41	63.07
Total	65	100

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



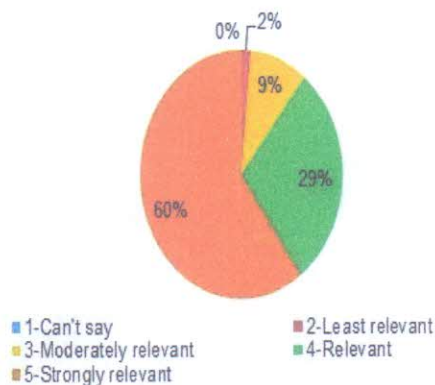
CO2. Understand the concept of complex integration for evaluating integrals, computing residues & evaluating various contour integrals.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	2	3.07
3-Moderately relevant	8	12.3
4-Relevant	20	30.76
5-Strongly relevant	35	53.84
Total	65	100



Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: EM-IV
Subject In-charge: Prof.Vasudeo Nazirkar

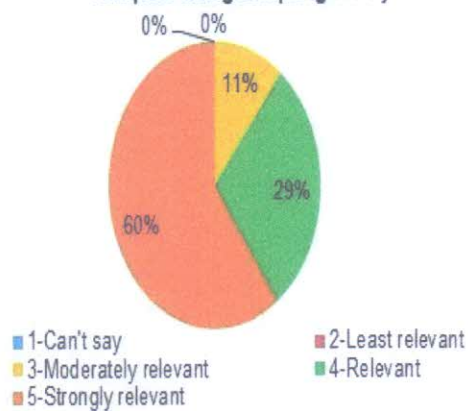
CO3. Apply the concept of Z-transform and its inverse in engineering problems.



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	1	1.53
3-Moderately relevant	6	9.23
4-Relevant	19	29.23
5-Strongly relevant	39	60
Total	65	100

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



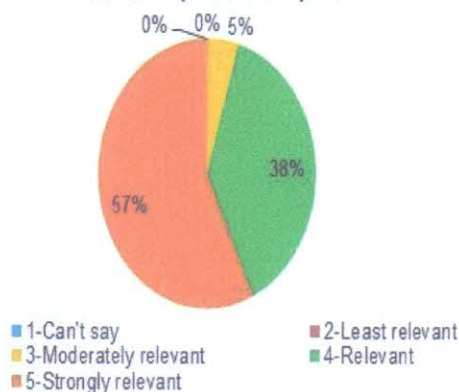
CO4. Apply the concept of probability distribution to engineering problems and testing hypothesis of small samples using sampling theory.

Score	No. of Students	Percentage (%)
1-Can't say	0	0
2-Least relevant	0	0
3-Moderately relevant	7	10.76
4-Relevant	19	29.23
5-Strongly relevant	39	60
Total	65	100



Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: EM-IV
Subject In-charge: Prof.Vasudeo Nazirkar

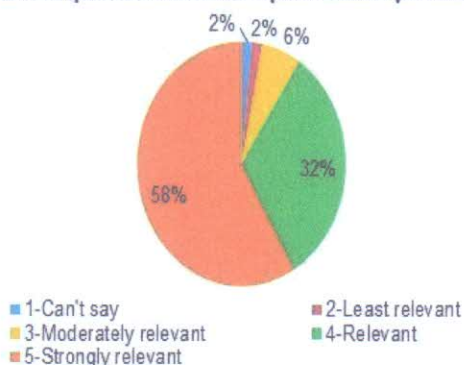
CO5. Apply the concept of Linear programming to solve the optimization problems .



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	0	0
3-Moderately relevant	3	4.61
4-Relevant	25	38.46
5-Strongly relevant	37	56.92
Total	65	100

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



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

Score	No. of Students	Percentage (%)
1-Can't say	1	1.54
2-Least relevant	1	1.54
3-Moderately relevant	4	6.15
4-Relevant	21	32.3
5-Strongly relevant	38	58.46
Total	65	100

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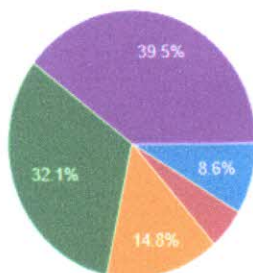
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: OS
Subject In-charge: Prof. Pranal Kakde

1. Understand the basic concepts related to Operating System.

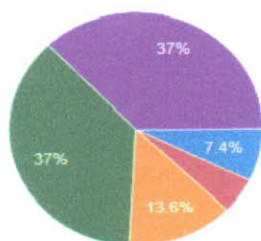
81 responses



Score	Number of Students	Percentage
1- Can't say	5	6.41%
2- Least Relevant	4	5.19%
3- Moderately Relevant	12	15.58%
4- Relevant	25	32.47%
5- Strongly Relevant	32	41.56%
Total	78	100

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

81 responses



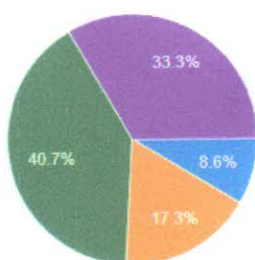
Score	Number of Students	Percentage
1- Can't say	4	5.19%
2- Least Relevant	4	5.19%
3- Moderately Relevant	10	12.99%
4- Relevant	30	38.96%
5- Strongly Relevant	30	38.96%
Total	78	100.00%



Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: OS
Subject In-charge: Prof. Pranal Kakde

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

81 responses

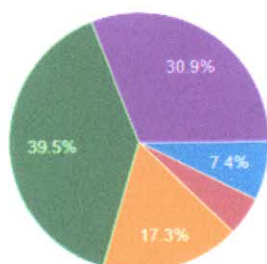


● 1
 ● 2
 ● 3
 ● 4
 ● 5

Score	Number of Students	Percentage
1- Can't say	5	6.41%
2- Least Relevant	0	0.00%
3- Moderately Relevant	14	17.95%
4- Relevant	32	41.03%
5 - Strongly Relevant	27	34.62%
Total	78	100.00%

4. Can you Describe and analyze memory allocation and management functions of Operating System.

81 responses



● 1
 ● 2
 ● 3
 ● 4
 ● 5

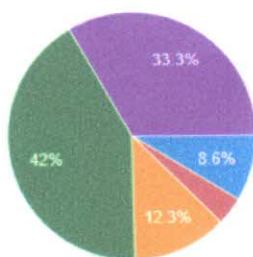
Score	Number of Students	Percentage
1- Can't say	4	5.13%
2- Least Relevant	4	5.13%
3- Moderately Relevant	14	17.95%
4- Relevant	31	39.74%
5 - Strongly Relevant	25	32.05%
Total	78	100.00%



Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: OS
Subject In-charge: Prof. Pranal Kakde

5. Understand analyze and Evaluate the services provided by Operating System for Storage Management.

81 responses

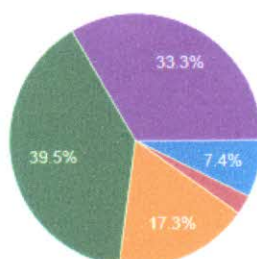


● 1
● 2
● 3
● 4
● 5

Score	Number of Students	Percentage
1- Can't say	5	6.41%
2- Least Relevant	3	3.85%
3- Moderately Relevant	10	12.82%
4- Relevant	33	42.31%
5- Strongly Relevant	27	34.62%
Total	78	100.00%

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

81 responses



● 1
● 2
● 3
● 4
● 5

Score	Number of Students	Percentage
1- Can't say	4	5.13%
2- Least Relevant	2	2.56%
3- Moderately Relevant	14	17.95%
4- Relevant	32	41.03%
5- Strongly Relevant	26	33.33%
Total	78	100.00%

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Academic Year: 2021-2022(EVEN SEM)

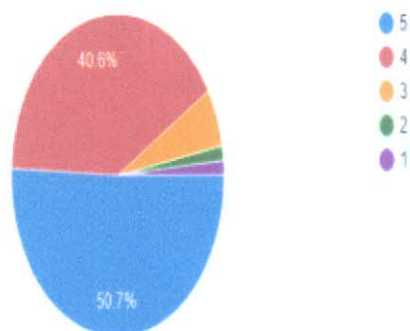
Course Exit Analysis Report (SemIV)

Subject: COA

Subject In-charge: Prof. ANURADHA DANDAVATE.

1. Apply the knowledge of Number system conversion techniques to solve problem and can apply basic engineering fundamentals to Demonstrate the fundamentals Digital Logic Design.

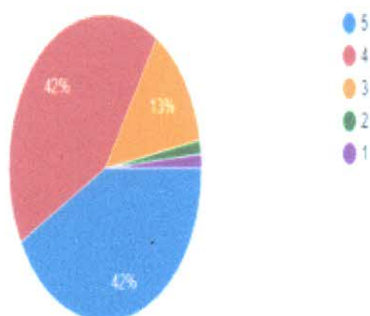
69 responses



Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	1	1
3- Moderately	4	6
4- Mostly	28	41
5- Definitely	35	51
Total	69	100

2. Describe and differentiate basic organization of computer, the architecture of 8086 microprocessor and to implement assembly language programming for 8086 microprocessors. Compare and contrast the instructions of 8086 to select appropriate instructions as per given task. Analyze and interpret the result of ALP using integrated tool.

69 responses



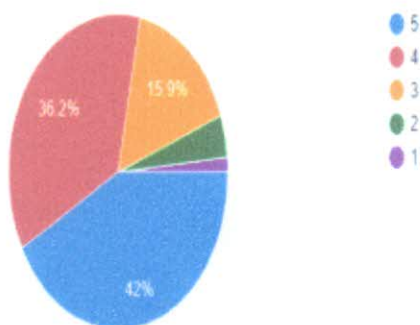
Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	1	1
3- Moderately	9	14
4- Mostly	29	42
5- Definitely	29	42
Total	69	100



Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: COA
Subject In-charge: Prof. ANURADHA DANDAVATE.

3. Demonstrate control unit operations and conceptualize instruction level parallelism. Describe Soft wired (Micro programmed) and hardwired control unit design methods, Microinstruction sequencing and execution.

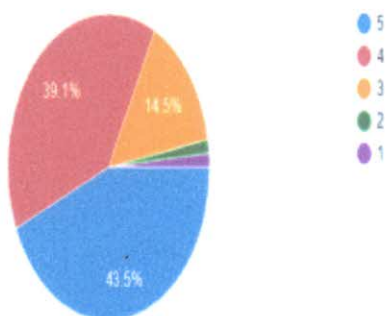
69 responses



Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	3	3
3- Moderately	11	17
4- Mostly	25	37
5- Definitely	29	42
Total	69	100

4. List and Identify integers and real numbers and perform computer arithmetic operations on integers. Identify mathematical algorithmic knowledge that applies to solve a given problem.

69 responses



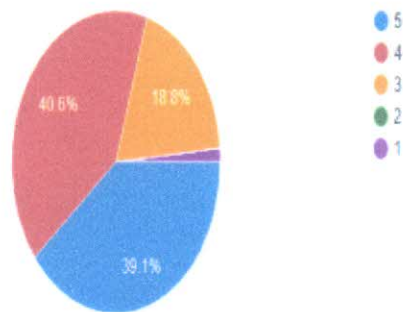
Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	1	1
3- Moderately	10	15
4- Mostly	27	39
5- Definitely	30	44
Total	69	100



Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: COA
Subject In-charge: Prof. ANURADHA DANDAVATE.

5. Categorize memory organization. Identify basic functionalities of each element in a memory hierarchy.

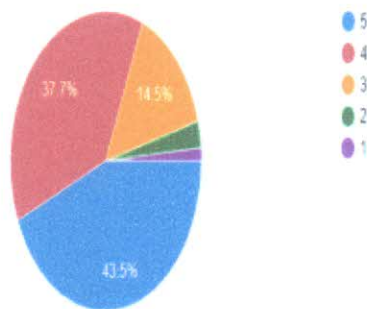
69 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	1
3- Moderately	13	19
4- Mostly	28	41
5- Definitely	27	39
Total	69	100

6. Examine the different methods for computer I/O mechanism. Compare and contrast alternative methods of data transfer to select the best methods.

69 responses



Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	2	2
3- Moderately	10	15
4- Mostly	26	38
5- Definitely	30	44
Total	69	100

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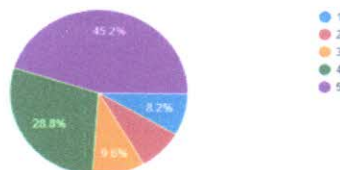


Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: Python Lab
Subject In-charge: Prof. Ashwini S. Gharde

Score	No.of Students	Percentage
1- can't say	6	8.2
2- least relevant	6	8.2
3- moderately relevant	7	9.6
4- Relevant	21	28.8
5 - strongly relevant	33	45.2
Total	73	100

Did you understand the basic concepts of Python like Data types, Variables, operators and looping etc.

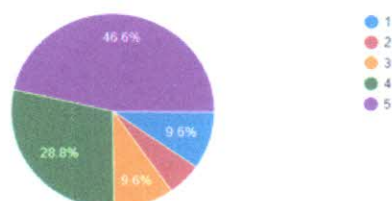
73 responses



Score	No.of Students	Percentage
1- can't say	4	5.4
2- least relevant	7	9.6
3- moderately relevant	7	9.6
4- Relevant	21	28.8
5 - strongly relevant	34	46.6
Total	73	100

are you able to perform practicals on list, Tuple, Dictionary, Set and Arrays

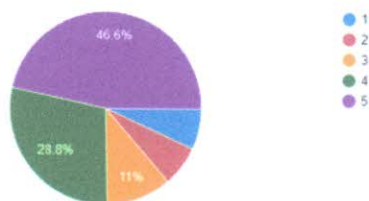
73 responses



Score	No.of Students	Percentage
1- can't say	4	5.6
2- least relevant	6	8
3- moderately relevant	8	11
4- Relevant	21	28.8
5 - strongly relevant	34	46.6
Total	73	100

Did you get the clear idea of Built in Functions and User defined Function

73 responses



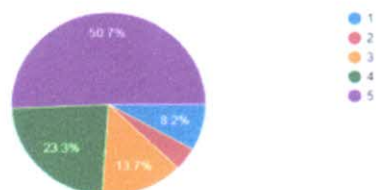


Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: Python Lab
Subject In-charge: Prof. Ashwini S. Gharde

Score	No.of Students	Percentage
1- can't say	6	8.2
2- least relevant	3	4.1
3- moderately relevant	10	13.7
4- Relevant	17	23.3
5 - strongly relevant	37	50.7
Total	73	100

Did you understand the object oriented concepts Like Classes, Objects, Inheritance, Method Overloading in Python

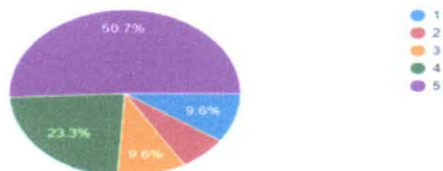
73 responses



Score	No.of Students	Percentage
1- can't say	5	6.8
2- least relevant	7	9.6
3- moderately relevant	7	9.6
4- Relevant	17	23.3
5 - strongly relevant	37	50.7
Total	73	100

are you familiar with file handling in python

73 responses



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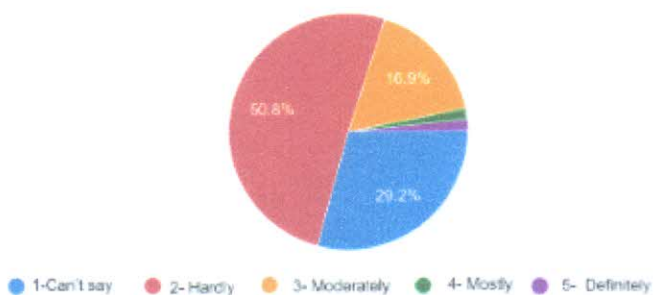
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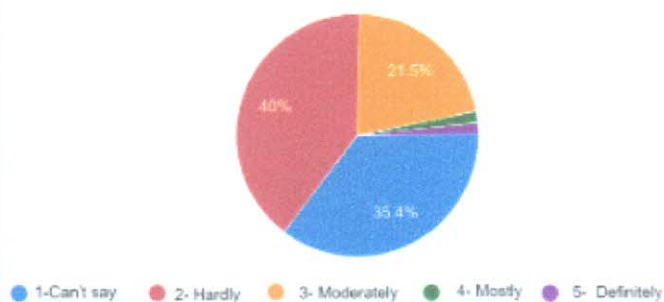
Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: CN
Subject In-charge: Prof. Vaishali Jadhav.

Q1. able to identify functionality of each layer of OSI model



Score	No. of Students	Percentage
1-Can't say	19	29.2
2-Hardly	33	50.8
3-Moderately	11	16.9
4-Mostly	1	1.5
5-Definitely	1	1.5
Total	65	100

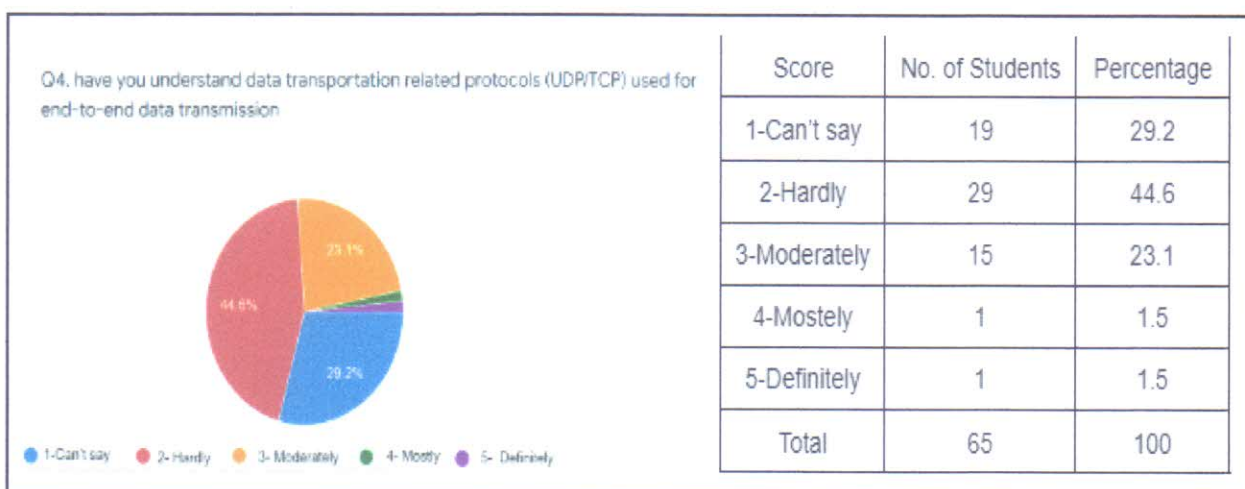
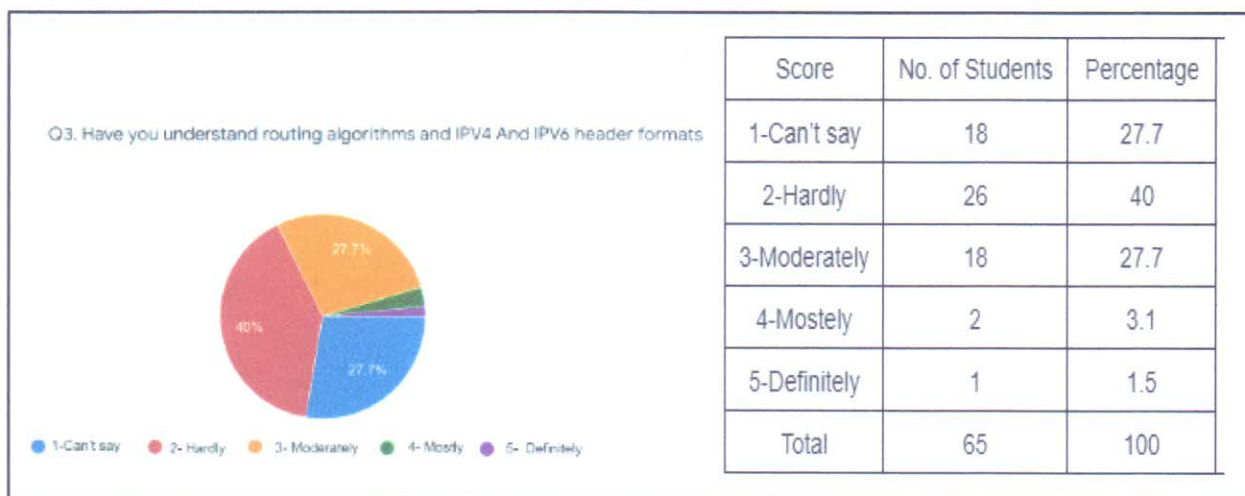
Q2.able to categorize the type of transmission media



Score	No. of Students	Percentage
1-Can't say	23	35.4
2-Hardly	26	40
3-Moderately	14	21.5
4-Mostly	1	1.5
5-Definitely	1	1.5
Total	65	100

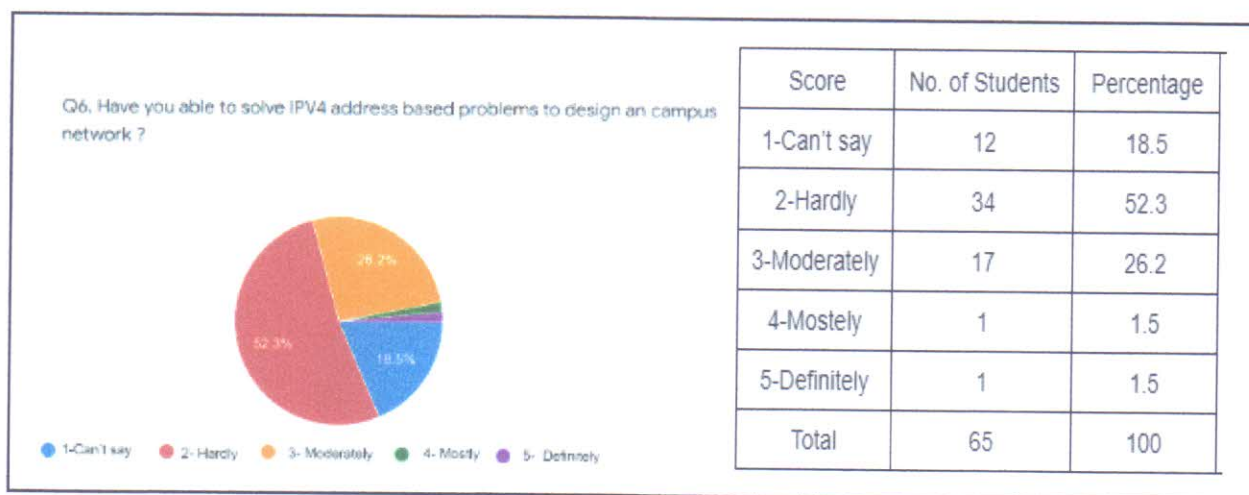
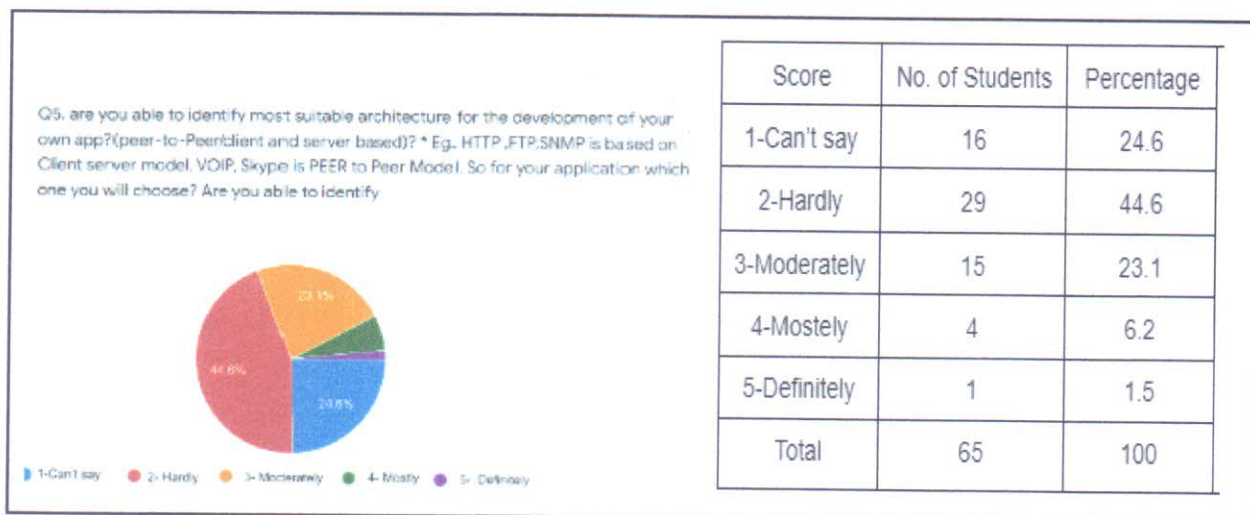


Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemIV)
Subject: CN
Subject In-charge: Prof. Vaishali Jadhav.





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Subject: CN
Subject In-charge: Prof. Vaishali Jadhav.



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Action taken based on feedback from students (CO & PO)
Academic year 2021-22 EVEN

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 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	Latest technologies in industries	Seminar on Machine Learning	1/7/2020
2	Students are expecting the Problem based Questions to be included in the syllabus. More Numericals are Required to be solved. OS	Numerical based on Scheduling Algorithm. https://youtu.be/YzBBJYfwdi8 https://youtu.be/yKD3pcFvGmY https://drive.google.com/file/d/12pnuJCM6styEMWSNy/z86vBZeS9dJamBT/view?usp=drive_web&authuser=0	As Required



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		https://drive.google.com/file/d/1FTYNd9aGhEZGx9sZ2Y03flw98SoLCoSs/view?usp=drive_web&authuser=0	
3	CN (Routing Algorithm)	https://www.codingninjas.com/codestudio/library/routing-algorithms-in-computer-networks	As Required


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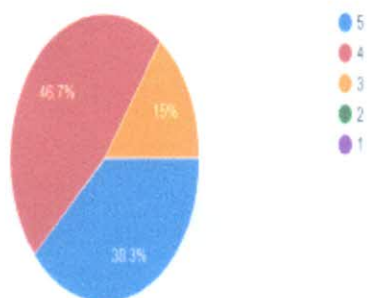
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Department of Information Technology
Academic Year: 2021-22 (ODD SEM)
Course Exit Analysis Report (SemV)
Subject: MEP
Subject In-charge: Prof.ANURADHA DANDWATE

1. Explain the architecture and design metrics of Embedded System. Classify the embedded systems.

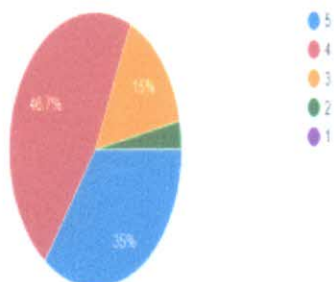
60 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	9	15
4- Mostly	28	47
5- Definitely	23	38
Total	60	100

2. Explain the architecture of 8051 microcontroller and the instructions of 8051 to implement the assembly language program. Compare and contrast the instructions of 8051 to select appropriate instructions as per given task. Analyze and interpret the result of ALP using integrated tool.

60 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	3
3- Moderately	9	15
4- Mostly	28	47
5- Definitely	21	35
Total	60	100



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Academic Year: 2021-22 (ODD SEM)

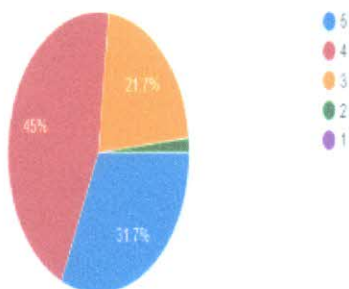
Course Exit Analysis Report (SemV)

Subject: MEP

Subject In-charge: Prof.ANURADHA DANDWATE.

3. Design interfacing of 8051 with various Input /Output devices. Able to refine architecture design into detailed design using microcontroller, memory chip or different peripheral ICs within existing constraints.

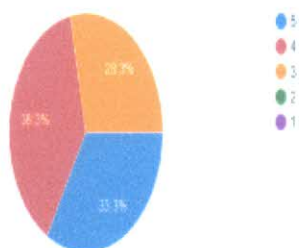
60 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	1
3- Moderately	13	22
4- Mostly	27	45
5- Definitely	19	32
Total	60	100

4. Explain the architecture of ARM processor. Apply the instructions of ARM to implement the assembly language program. Analyses and interpret the result of ALP using integrated tool.

60 responses



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	17	29
4- Mostly	23	38
5- Definitely	20	33
Total	60	100



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Academic Year: 2021-22 (ODD SEM)

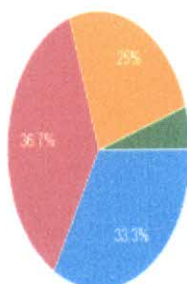
Course Exit Analysis Report (SemV)

Subject: MEP

Subject In-charge: Prof.ANURADHA DANDWATE.

5. Explain the architecture of RTOS. Identify basic functionalities of RTOS and computing resources.

60 responses

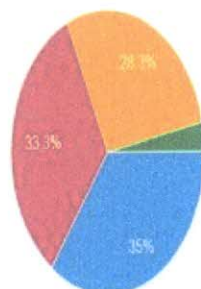


5
4
3
2
1

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	3
3- Moderately	16	25
4- Mostly	22	37
5- Definitely	20	33
Total	60	100

6. Explain various target boards of Embedded System. Compare and contrast the various target boards to select appropriate target board as per given application.

60 responses



5
4
3
2
1

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	18	29
4- Mostly	20	33
5- Definitely	22	35
Total	60	100

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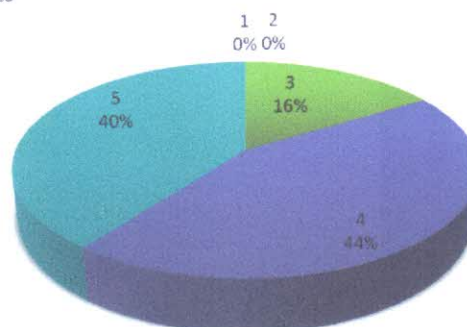
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Department of Information Technology
Academic Year 2021-22 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: Devops Lab
SUBJECT I/C: Ragini Sharma

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	0	0
3.Moderately	11	16.2
4. Mostly	30	44.1
5.Definitely	27	39.7
Total	68	100

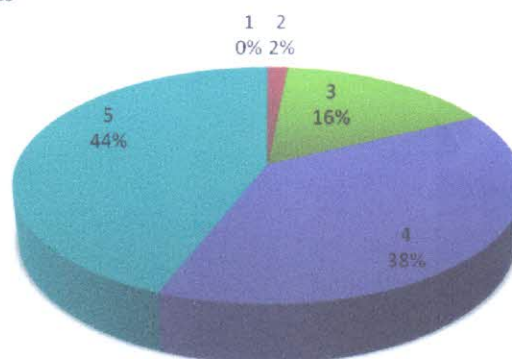
68 responses



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	1.5
3.Moderately	11	16.2
4. Mostly	26	38.2
5.Definitely	30	44.1
Total	68	100

68 responses



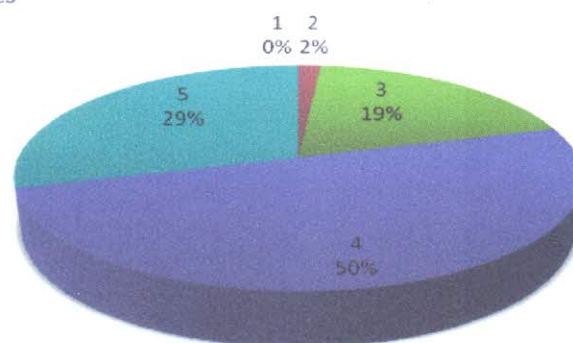


Department of Information Technology
Academic Year 2021-22 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: Devops Lab
SUBJECT I/C: Ragini Sharma

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	1.5
3. Moderately	13	19.1
4. Mostly	34	50
5. Definitely	20	29.4
Total	68	100

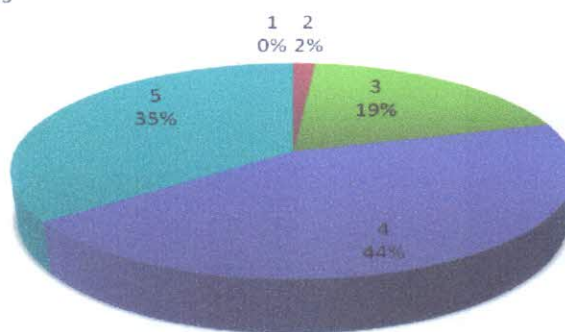
68 responses



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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	1	1.5
3. Moderately	13	19.1
4. Mostly	30	44.1
5. Definitely	24	35.3
Total	68	100

68 responses





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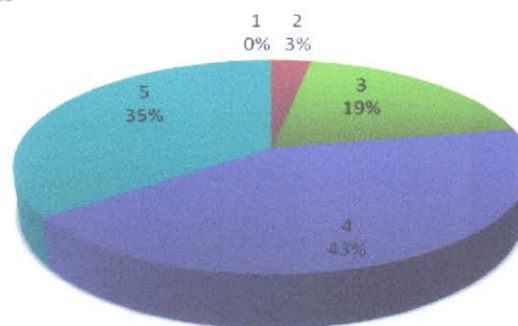
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Department of Information Technology
Academic Year 2021-22 (ODD SEM)
Course Exit Analysis Report (SEM V)
Subject: Devops Lab
SUBJECT I/C: Ragini Sharma

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2.9
3.Moderately	13	19.1
4. Mostly	29	42.6
5.Definitely	24	35.3
Total	68	100

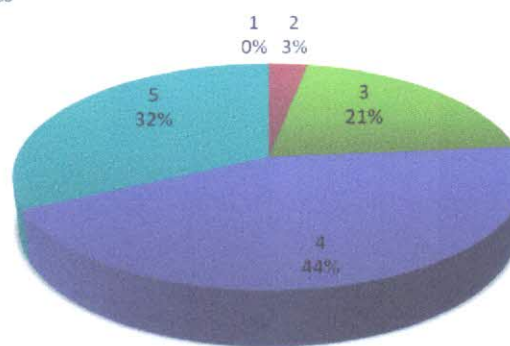
68 responses



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	2.9
3.Moderately	14	20.6
4. Mostly	30	44.1
5.Definitely	22	32.4
Total	68	100

68 responses



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Department of Information Technology

Academic Year: 2021-2022(ODD SEM)

Course Exit Analysis Report (Sem V)

Subject: EEB

Subject In-charge: Prof.Anuradha D

Degree of Relevance	No of Students	Percentage
1.Cant Say	2	1.1
2.Least Relevance	3	3.1
3.Moderately Relevance	11	15.5
4.Relevance	31	43.7
5.Strongly Relevance	30	36.6
Total	71	100

1. Understand the concept of entrepreneurship and its close relationship with enterprise and owner-management & the relationship between the technical, socio-economic and environmental dimensions of sustainability.

71 responses

Degree of Relevance	No of students	Percentage
1.cant say	1	1
2.Least Relevance	2	2.1
3.Moderately Relevance	15	21.1
4.Relevance	31	43.7
5.Strongly Relevance	22	31
TOTAL	71	100

2. Understand the nature of business development in the context of existing organizations and of new business start-ups.

71 responses

Degree of Relevance	No of students	Percentage
1.cant say	1	1.1
2.Least Relevance	5	3.2
3.Moderately Relevance	14	19.7
4.Relevance	34	47.9
5.Strongly Relevance	20	28.2
TOTAL	71	100

3. Comprehended important factors for starting a new venture and business development.

71 responses



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Department of Information Technology

Academic Year: 2021-2022(ODD SEM)

Course Exit Analysis Report (Sem V)

Subject: EEB

Subject In-charge: Prof.Anuradha D

Degree of Relevance	No of students	Percentage
1.cant say		0
2.Least Relevance	3	4.2
3.Moderately Relevance	14	19.7
4.Relevance	35	49.3
5.Strongly Relevance	19	26.8
TOTAL	71	100

4. Describe various economic and financial costs/benefits of a business start-up & analyze different forms of financial statements to evaluate the financial status of a business start-up and Know issues and decisions involved in financing and resourcing a business start-up.

71 responses

Degree of Relevance	No of students	Percentage
1.cant say	1	1.1
2.Least Relevance	2	3.1
3.Moderately Relevance	15	21.1
4.Relevance	30	42.3
5.Strongly Relevance	23	32.4
TOTAL	71	100

5. Identify processes/modules/Models of a E-business and Describe various E-business Models and its parameters.

71 responses

Degree of Relevance	No of students	Percentage
1.cant say	1	1.1
2.Least Relevance	2	3.1
3.Moderately Relevance	9	12.7
4.Relevance	36	50.7
5.Strongly Relevance	23	32.4
TOTAL	71	100

6. Discuss various E-business Strategies and Create/adapt/modify/extend tools and techniques to solve E-business problems. Identify modern E-business tools, techniques and resources for various E-business.

71 responses

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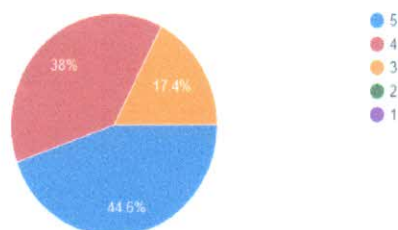
Academic Year: 2021-22 (ODD SEM)

Course Exit Analysis Report (SemV)

Subject: CNS

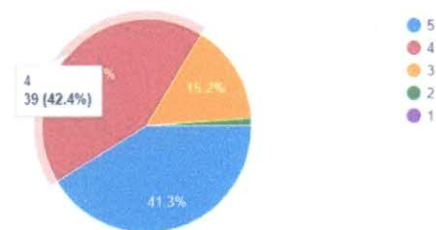
Subject In-charge: Prof. NAVDEEP BAGGA

Q1. Understand security objectives and apply the knowledge of mathematical concepts, matrix and numerical techniques and also study of various encryption techniques.



score	no of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	8	17.40%
4-Mostly	17	38%
5-definitely	21	44.60%
Total	46	100

Q2. Understand and Apply theory and principles of computer science and engineering. Design various secure cryptographic applications.

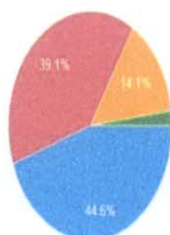


score	No of students	percentage
1-Can't say	0	0
2-Hardly	1	1.50%
3-Moderately	7	15.20%
4-Mostly	20	42%
5-definitely	18	41.30%
Total	46	100



Department of Information Technology
Academic Year: 2021-22 (ODD SEM)
Course Exit Analysis Report (SemV)
Subject: CNS
Subject In-charge: Prof. NAVDEEP BAGGA

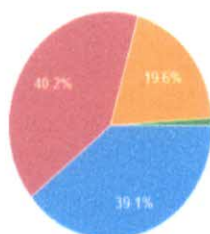
Q3. Create, modify and extend techniques to provide security. Evaluate various techniques to provide protection of the public.



● 5
 ● 4
 ● 3
 ● 2
 ● 1

score	No of students	percentage
1-Can't say	0	0
2-Hardly	1	2.20%
3-Moderately	6	14.10%
4-Mostly	18	39%
5-definitely	21	44.60%
Total	46	100

Q4. Use appropriate procedures and techniques to analyse data authentication. Apply authentication schemes for protection of public.



● 5
 ● 4
 ● 3
 ● 2
 ● 1

score	No of students	percentage
1-Can't say	0	0
2-Hardly	1	2.10%
3-Moderately	9	19.60%
4-Mostly	19	40%
5-definitely	17	39.10%
Total	46	100



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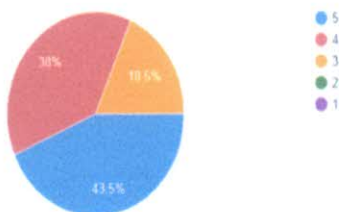
Academic Year: 2021-22 (ODD SEM)

Course Exit Analysis Report (SemV)

Subject: CNS

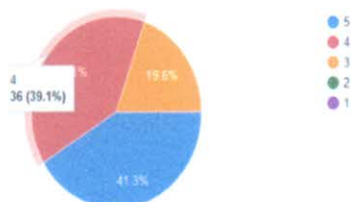
Subject In-charge: Prof. NAVDEEP BAGGA

Q5. Apply principles of preventive engineering to prevent from various type of attacks in OSI model. Evaluate the performance and application of firewall and IDS in network security.



score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	9	18.50%
4-Mostly	17	38%
5-definitely	20	43.50%
Total	46	100

Q6. Explore design issues and working principles of various secure communication standards including Kerberos, IPsec, and SSL/TLS and email and apply them to provide security for professional concern.



score	no of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	9	19.60%
4-Mostly	18	39%
5-definitely	19	41.30%
Total	46	100

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Academic Year: 2021-22 (ODD SEM)

Course Exit Analysis Report (SemV)

Subject: ADS

Subject In-charge: Prof. Maahi Khemchandani.

After Completing Course of Advanced Data Structure and Analysis of Algorithms, are you to,

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

24 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	0	0
3. Moderately Relevant	3	11
4. Relevant	11	46
5. Strongly Relevant	10	43
Total	24	100

2. Discuss and Categorize the core values of advanced data Structure often including RBT Trees, AVL Trees, B, B+ Trees etc. identify algorithms to perform numerous operations like Insertion, deletion on advanced data structure.

24 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	0	0
3. Moderately Relevant	2	8
4. Relevant	9	38
5. Strongly Relevant	13	54
Total	24	100

3. Discuss the principles behind Divide and Conquer Algorithmic design strategy with its advantages. Illustrate various methods such as Binary Search Method, Merge Sort, Quick Sort, Strassen's Matrix Multiplication which uses Divide and Conquer Strategy.

24 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	0	0
3. Moderately Relevant	1	4
4. Relevant	9	38
5. Strongly Relevant	14	58
Total	24	100



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Academic Year: 2021-22 (ODD SEM)

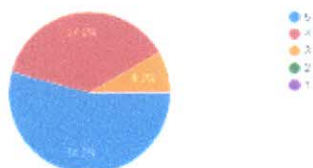
Course Exit Analysis Report (SemV)

Subject: ADS

Subject In-charge: Prof. Maahi Khemchandani.

4. Discuss and represent the concept of Greedy Algorithmic design strategy. Illustrate various methods like Fractional Knapsack, Job Scheduling with deadline, MST which uses Greedy Algorithmic Strategy.

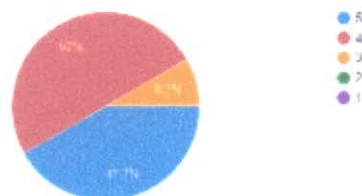
24 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	0	0
3. Moderately Relevant	2	8
4. Relevant	9	38
5. Strongly Relevant	13	54
Total	24	100

5. Investigate and explore the principles behind the concepts of Dynamic algorithms difference between NP-Hard and NP-Complete. Apply adequacy of Dynamic algorithm real life problem solving like 0/1 Knapsack, Travelling Salesman, Matrix Chain Multiplication, Optimal BST problem etc.

24 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	0	0
3. Moderately Relevant	2	8
4. Relevant	12	50
5. Strongly Relevant	10	42
Total	24	100



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Department of Information Technology

Academic Year: 2021-22 (ODD SEM)

Course Exit Analysis Report (SemV)

Subject: ADS

Subject In-charge: Prof. Maahi Khemchandani.

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

24 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0
2. Least Relevant	0	0
3. Moderately Relevant	2	8
4. Relevant	11	46
5. Strongly Relevant	11	46
Total	24	100

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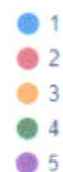
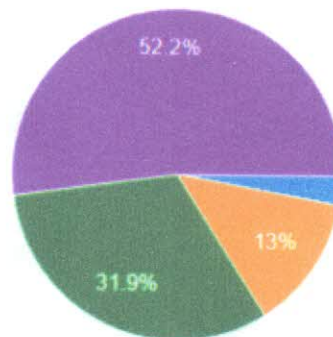
Course Exit Analysis Report (SemV)

Subject: SE

Subject In-charge: Prof. KIRTI M.

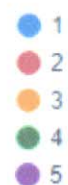
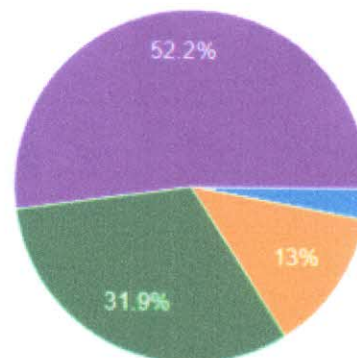
1. Understand the concept of software engineering and its process model

score	no of student	Percentage
1-cants 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-cants 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





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Academic Year: 2021-22 (ODD SEM)

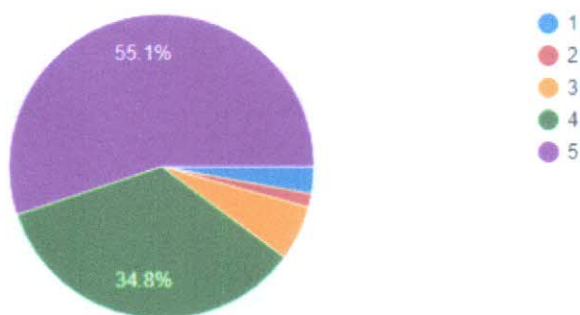
Course Exit Analysis Report (SemV)

Subject:SE

Subject In-charge: Prof. KIRTI M.

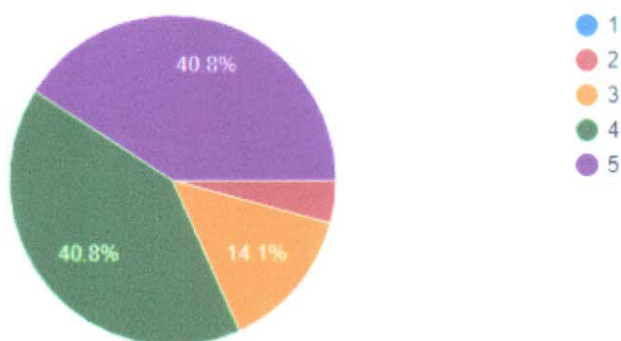
3 Understand the concept of classification and its methods UML diagram and draw for system

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%





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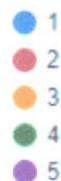
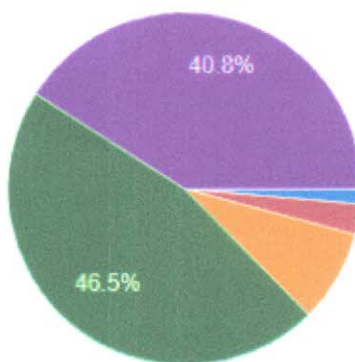
Course Exit Analysis Report (SemV)

Subject:SE

Subject In-charge: Prof. KIRTI M.

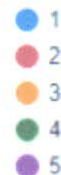
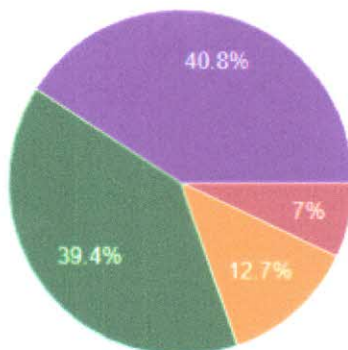
5. Understand explore and analyze project planning phase

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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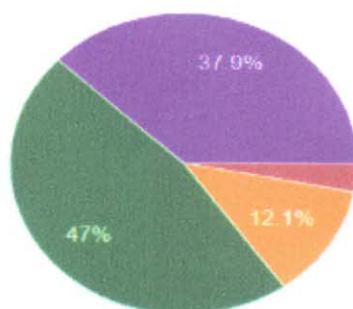
Course Exit Analysis Report (SemV)

Subject: ADMT

Subject In-charge: Prof. Pragati Pejlekar

1. Understand and analyze measure of query cost query execution

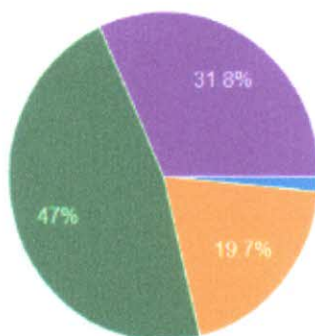
66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	2	3%
3. Moderately Relevant	8	12%
4. Relevant	31	47%
5. Strongly Relevant	25	38%
Total	66	100%

2. Understand the concept of transaction and discuss control

66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	4	5%
3. Moderately Relevant	13	20%
4. Relevant	31	47%
5. Strongly Relevant	21	32%
Total	66	100%



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Academic Year: 2021-22 (ODD SEM)

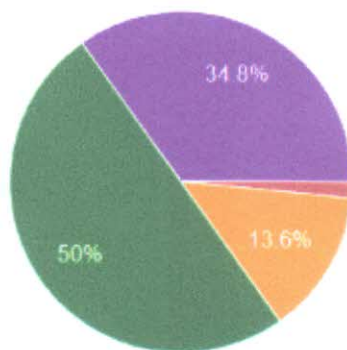
Course Exit Analysis Report (SemV)

Subject: ADMT

Subject In-charge: Prof. Pragati Pejlekar

3. Discuss and categorize sophisticated access p

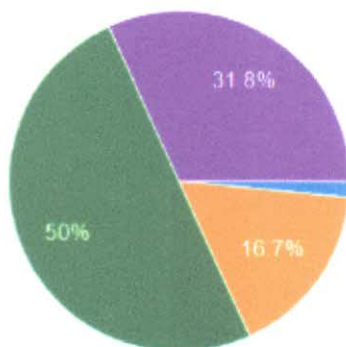
66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	1	2%
3. Moderately Relevant	9	14%
4. Relevant	33	50%
5. Strongly Relevant	23	35%
Total	66	100%

4. Understand and explore concept of distributed

66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	1	2%
3. Moderately Relevant	11	17%
4. Relevant	33	50%
5. Strongly Relevant	21	32%
Total	66	100%



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Academic Year: 2021-22 (ODD SEM)

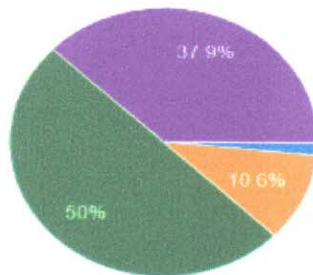
Course Exit Analysis Report (SemV)

Subject: ADMT

Subject In-charge: Prof. Pragati Pejlekar

5. Understand explore and analyze concept of data wa
for analytics purpose

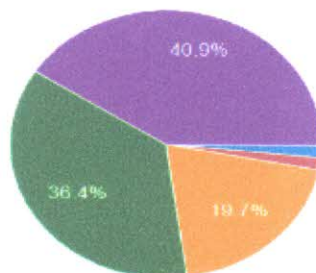
66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	0	0%
3. Moderately Relevant	8	11%
4. Relevant	33	50%
5. Strongly Relevant	25	38%
Total	66	100%

6. Understand and analyze data using OLAP operation
process

66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	1	2%
2. Least Relevant	1	2%
3. Moderately Relevant	13	20%
4. Relevant	27	45%
5. Strongly Relevant	24	36%
Total	66	100%

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DEPARTMENT OF INFORMATION TECHNOLOGY

Action taken based on feedback from students

Academic Year 2021-22 ODD

Summary of feedback(Semester V):

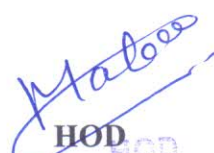
Feedbacks collected through course exit were analysed and necessary actions were planned for effective teaching. Abstract of suggestions obtained from the stake holders to enhance the employability of the student are discussed below.


- Need animated videos for better understanding
- Exposure to add on courses to boost practical knowledge
- Need awareness about the latest technologies and practices in industry.

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. Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and department level are mentioned below

S.N O	PROGRA M	COURS E	FEEDBACK RECEIVED	ACTION TAKEN
1	IT	ADMT	Advanced data modeling	https://docs.google.com/document/d/1PL7x5d5ahnJCEVDyf0uU2BVwzBCLaodA/edit?usp=share_link&oid=117455120215495985121&rtpof=true&sd=true
2	IT	EEB	Business Plan	https://www.youtube.com/watch?v=ZEMbKzy7FD8
3	IT	SE	UML diagram	https://www.youtube.com/watch?v=U6lqHOVHic https://www.youtube.com/watch?v=_Mzi1rYtISU


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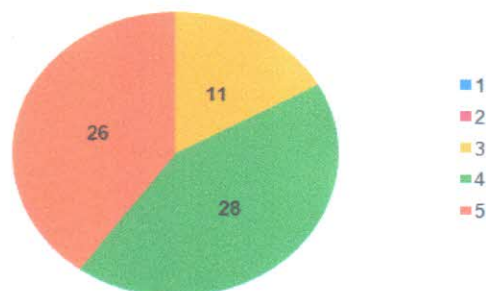
Academic Year: 2021-22 (ODD SEM)

Course Exit Analysis Report (Sem – V)

Subject – Internet Programming Subject In-charge – Prof. Ragini Sharma

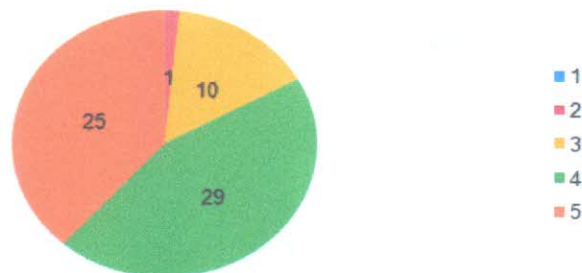
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	0	0%
3-Hardly	11	16.9%
4-Moderately	28	43.1%
5-Mostly	26	40%
Total	65	100%

CO1. Identify modern engineering technologies or protocols required for various web applications.



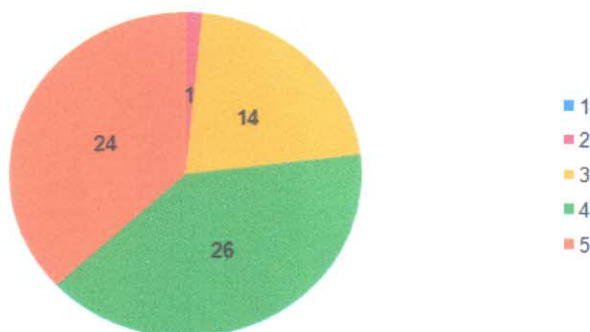
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	1	1.5%
3-Hardly	10	15.4%
4-Moderately	29	44.6%
5-Mostly	25	38.5%
Total	65	100%

CO2. Able to choose and apply appropriate JavaScript to add functionality to web pages. Compare, contrast and analyze ES6 and ES5 standards



Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	1	1.6%
3-Hardly	14	21.5%
4-Moderately	26	40%
5-Mostly	24	36.9%
Total	65	100%

CO3. Design and develop appropriate front end application using methodologies of basic React

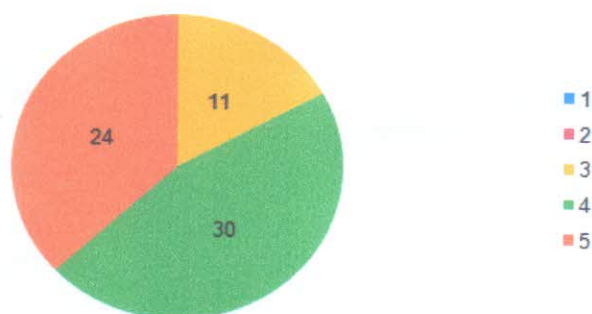




Department of Information Technology
Academic Year: 2021-22 (ODD SEM)

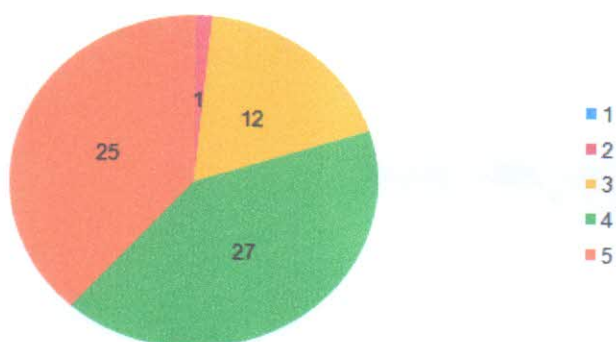
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	0	0%
3-Hardly	11	16.9%
4-Moderately	30	46.2%
5-Mostly	24	36.9%
Total	65	100%

CO4. Able to produce or design a variety of potential front end application using functional components of React.



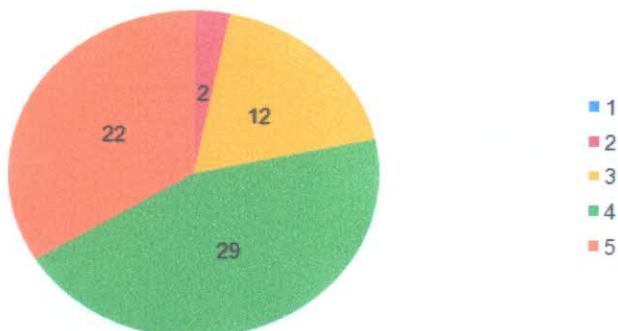
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	1	1.5%
3-Hardly	12	18.5%
4-Moderately	27	41.5%
5-Mostly	25	38.5%
Total	65	100%

CO5. Design and develop appropriate back-end applications using Node.js



Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	2	3.1%
3-Hardly	12	18.5%
4-Moderately	29	44.6%
5-Mostly	22	33.8%
Total	65	100%

CO6. Able to implement and integrate web based Node.js applications using Express



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DEPARTMENT OF INFORMATION TECHNOLOGY

Action taken based on feedback from students

Academic Year 2021-22 ODD

Summary of feedback(Semester V):


Feedbacks collected through course exit were analysed and necessary actions were planned for effective teaching. Abstract of suggestions obtained from the stake holders to enhance the employability of the student are discussed below.

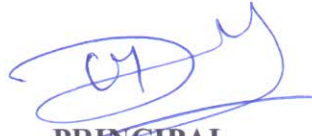
- Need animated videos for better understanding
- Exposure to add on courses to boost practical knowledge
- Need awareness about the latest technologies and practices in industry.

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. Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and department level are mentioned below

S.N O	PROGRA M	COURS E	FEEDBACK RECEIVED	ACTION TAKEN
1	IT	ADMT	Advanced data modeling	https://docs.google.com/document/d/1PL7x5d5ahnJCEVDyf0uU2BVwzBCLaodA/edit?usp=share_link&ouid=117455120215495985121&rtpof=true&sd=true
2	IT	EEB	Business Plan	https://www.youtube.com/watch?v=ZEMbKzy7FD8
3	IT	SE	UML diagram	https://www.youtube.com/watch?v=U6lqHOVHic https://www.youtube.com/watch?v=_Mzi1rYtISU


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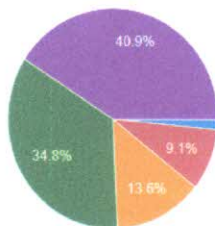
Course Exit Analysis Report (SemVI)

Subject: AI & DS

Subject In-charge: Ashwini S. Gharde

Did you get the concept of Intelligent Agents and their Types

66 responses

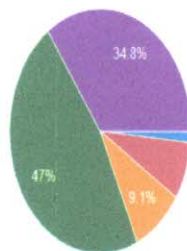


1
2
3
4
5

Score	No.of Students	Percentage
1- can't say	1	1.6
2- least relevant	6	9.1
3- moderately relevant	9	13.6
4- Relevant	23	34.8
5 - strongly relevant	27	40.9
Total	66	100

Did you understand the concept of different search techniques in AI ?

66 responses



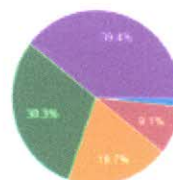
1
2
3
4
5

Score	No.of Students	Percentage
1- can't say	1	1
2- least relevant	5	8.1
3- moderately relevant	6	9.1
4- Relevant	23	34.8
5 - strongly relevant	31	47
Total	66	100

Did you get the concept of First order predicate logic and forward and Backward Chaining

66 responses

Score	No.of Students	Percentage
1- can't say	1	1.5
2- least relevant	6	9.1
3- moderately relevant	13	19.7
4- Relevant	20	30.3
5 - strongly relevant	26	39.4
Total	66	100



1
2
3
4
5



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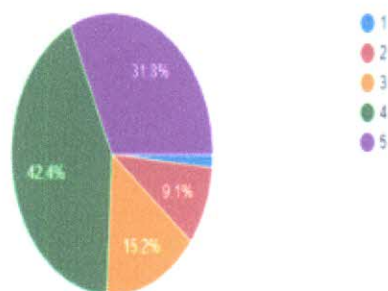
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVI)
Subject: AI & DS
Subject In-charge: Ashwini S. Gharde

Did you get the concept of Data Science, Business Analytics, Data Analytics etc

66 responses

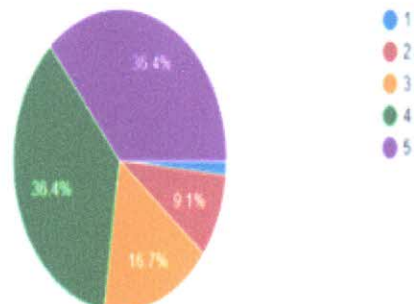
Score	No.of Students	Percentage
1- can't say	1	1.5
2- least relevant	6	9.1
3- moderately relevant	10	15.2
4- Relevant	21	31.8
5 - strongly relevant	28	42.4
Total	66	100



Did you understand the different steps of EDA?

66 responses

Score	No.of Students	Percentage
1- can't say	1	1.4
2- least relevant	6	9.1
3- moderately relevant	11	16.7
4- Relevant	24	36.4
5 - strongly relevant	24	36.4
Total	66	100





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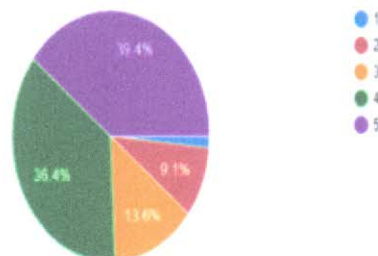
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVI)
Subject: AI & DS
Subject In-charge: Ashwini S. Gharde

Score	No.of Students	Percentage
1- can't say	1	1.5
2- least relevant	6	9.1
3- moderately relevant	9	13.6
4- Relevant	24	36.4
5 - strongly relevant	26	39.4
Total	66	100

Did you the different concepts of Supervised and unsupervised learning?

66 responses




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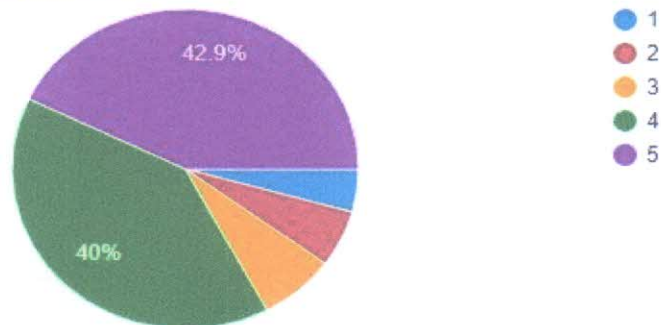
Academic Year: 2021-22 (EVEN SEM)

Course Exit Analysis Report (Sem – VI)

Subject – Web X.0 Subject In-charge – Prof. Ragini Sharma

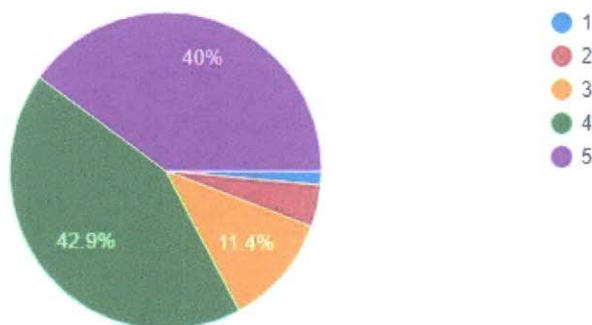
Score	No. of Students	Percentage
1-Can't Say	3	4.3%
2- Definitely	4	5.7%
3-Hardly	5	7.1%
4-Moderately	28	40%
5-Mostly	30	42.9%
Total	70	100%

CO1-Identify and understand the basic functionalities and computing resources related to web analytics and semantic web.



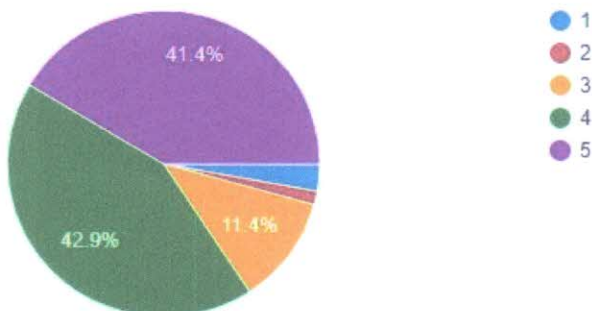
Score	No. of Students	Percentage
1-Can't Say	1	1.4%
2- Definitely	3	4.3%
3-Hardly	8	11.4%
4-Moderately	30	42.9%
5-Mostly	28	40%
Total	70	100%

CO2-Identify and understand how TypeScript can help to eliminate bugs in the code and enable to scale the code.



Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	8	11.4%
4-Moderately	30	42.9%
5-Mostly	29	41.4%
Total	70	100%

CO3-Able to produce or design a variety of potential front end application using AngularJS framework and build dynamic, responsive single-page

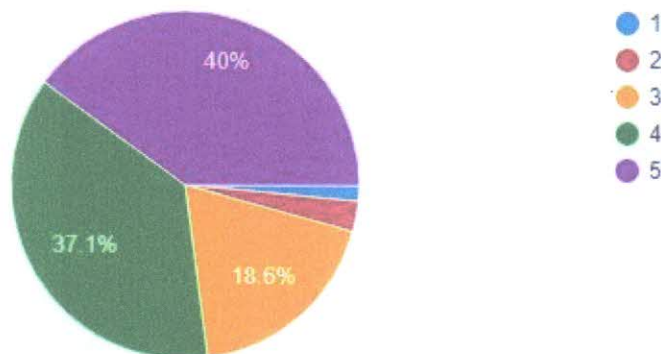




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Academic Year: 2021-22 (EVEN SEM)

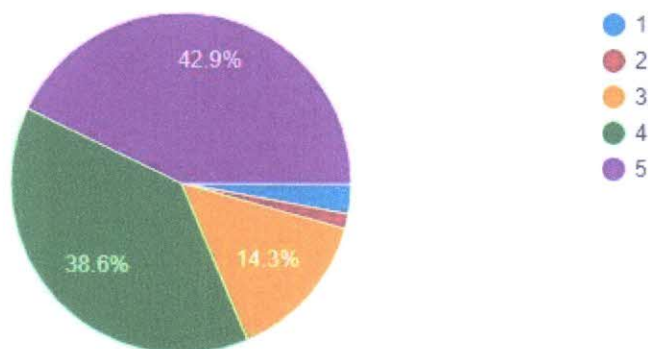
Score	No. of Students	Percentage
1-Can't Say	1	1.4%
2- Definitely	2	2.9%
3-Hardly	13	18.6%
4-Moderately	26	37.1%
5-Mostly	28	40%
Total	70	100%

CO4-Use MongoDB for frontend and backend connectivity to collect and analyze data using REST API.



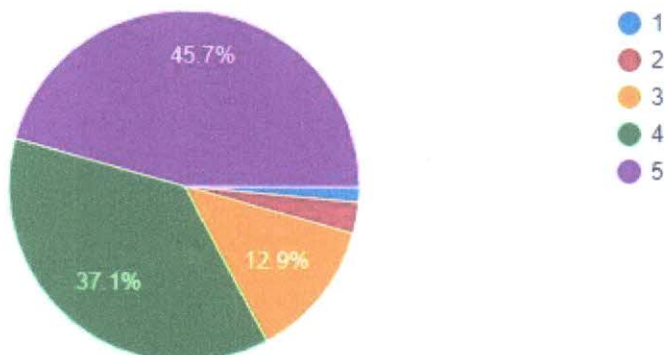
Score	No. of Students	Percentage
1-Can't Say	2	2.9%
2- Definitely	1	1.4%
3-Hardly	10	14.3%
4-Moderately	27	38.6%
5-Mostly	30	42.9%
Total	70	100%

CO5-Able to choose and apply Flask web development framework to develop web applications with less code.



Score	No. of Students	Percentage
1-Can't Say	1	1.4%
2- Definitely	2	2.9%
3-Hardly	9	12.9%
4-Moderately	26	37.1%
5-Mostly	32	45.7%
Total	70	100%

CO6-Design and develop Rich Internet Application using proper choice of Framework



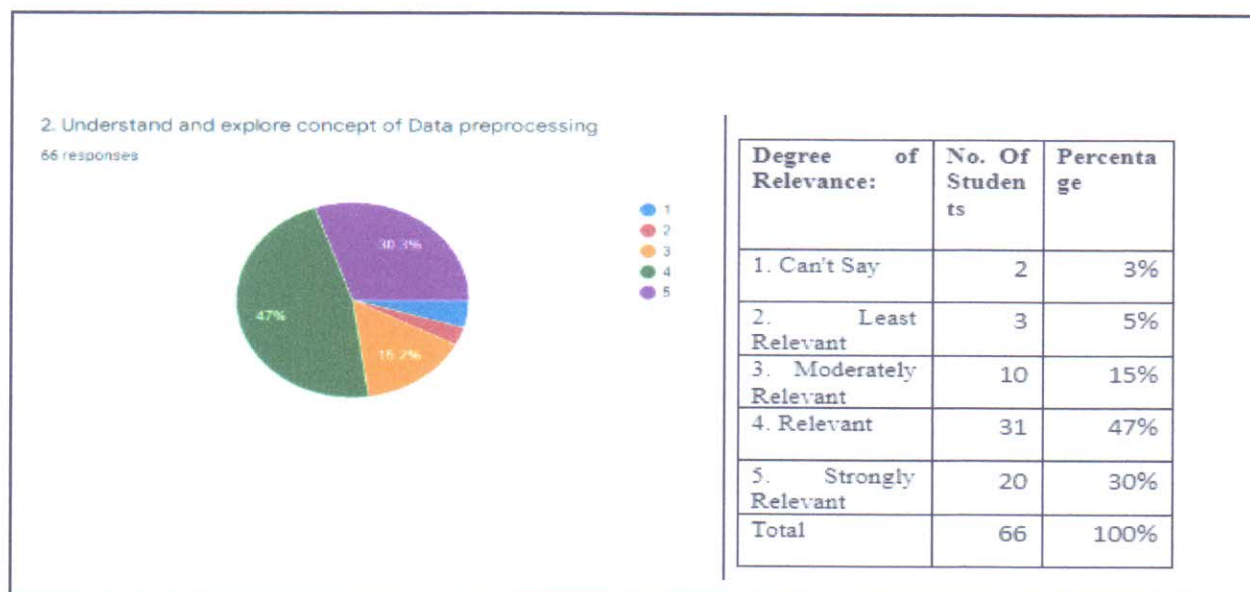
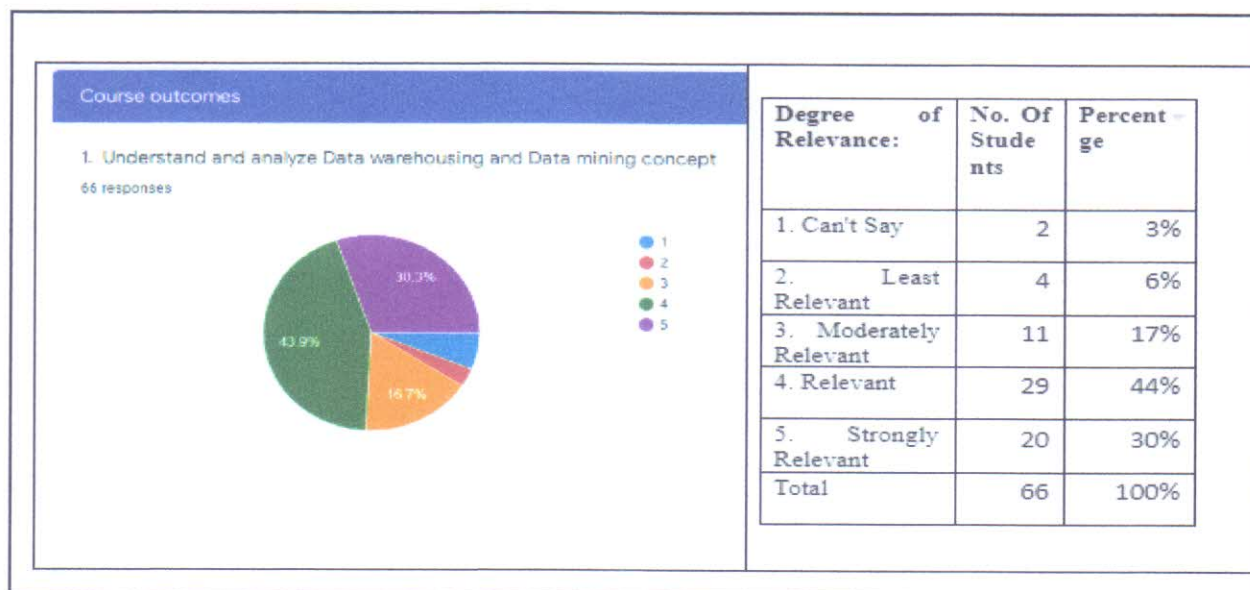
M. Talwar
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVI)
Subject: DMBI
Subject In-charge: Prof.Pragati P.





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Academic Year: 2021-2022(EVEN SEM)

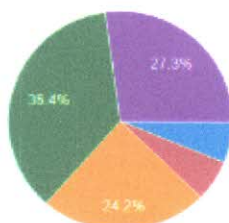
Course Exit Analysis Report (SemVI)

Subject: DMBI

Subject In-charge: Prof.Pragati P.

3. Understand explore and analyze concept of classification and its Algorithm

66 responses

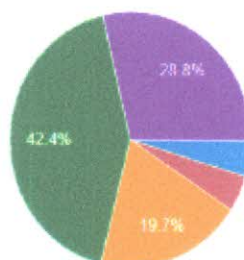


● 1
● 2
● 3
● 4
● 5

Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	4	6%
2. Least Relevant	4	6%
3. Moderately Relevant	16	24%
4. Relevant	24	36%
5. Strongly Relevant	18	27%
Total	66	100%

4. Understand explore and analyze concept of clustering and its Algorithm

66 responses



● 1
● 2
● 3
● 4
● 5

Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	3	5%
2. Least Relevant	3	5%
3. Moderately Relevant	13	20%
4. Relevant	28	42%
5. Strongly Relevant	19	29%
Total	66	100%



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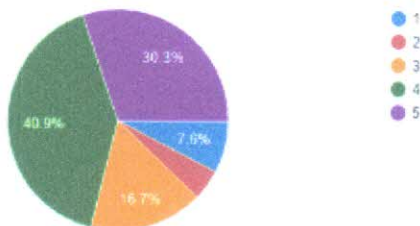
Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)

Course Exit Analysis Report (SemVI)

Subject: DMBI

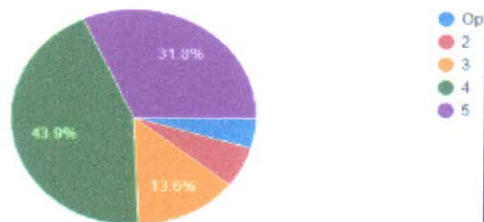
Subject In-charge: Prof.Pragati P.

5. Understand explore and analyze concept of frequent patterns and its A
66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	3	5%
2. Least Relevant	5	8%
3. Moderately Relevant	11	17%
4. Relevant	27	41%
5. Strongly Relevant	20	30%
Total	66	100%

6. Understand and analyze the concept Business Intelligence
66 responses



Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	3	5%
2. Least Relevant	4	6%
3. Moderately Relevant	9	14%
4. Relevant	29	44%
5. Strongly Relevant	21	32%
Total	66	100%

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Academic Year: 2021-2022(EVEN SEM)

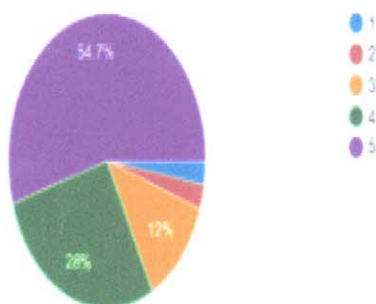
Course Exit Analysis Report (SemVI)

Subject: EH

Subject In-charge: Prof.Shreaddha R.

1. Understand the concept of clouding computing and services.

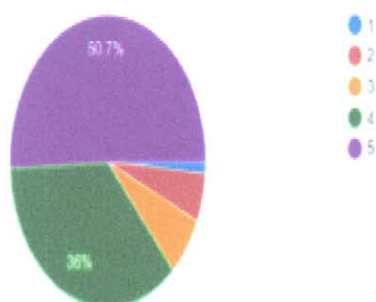
75 responses



Score	No of students	Percentage
1- Not at all	1	1.3
2- Not very Clearly	3	4
3-Satisfactory	9	12
4- Clearly	21	28
5- Very Clearly	41	54.7
Total	75	100

2. understand , analyze and implement concept of Virtualization

75 responses



Score	No of students	Percentage
1- Not at all	1	1.4
2- Not very Clearly	3	4
3-Satisfactory	6	8
4- Clearly	27	36
5- Very Clearly	38	50.6
Total	75	100



Department of Information Technology

Academic Year: 2021-2022(EVEN SEM)

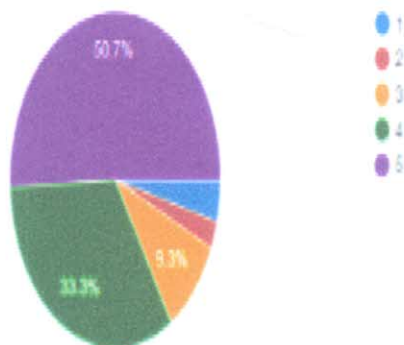
Course Exit Analysis Report (SemVI)

Subject: EH

Subject In-charge: Prof.Shreaddha R.

3. Understand and explore different services provided in cloud Computing.

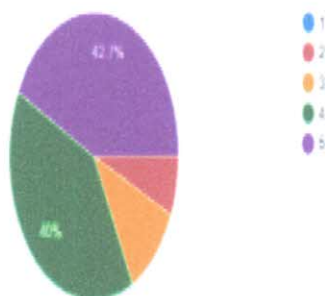
75 responses



Score	No of students	Percentage
1- Not at all	3	4
2- Not very Clearly	2	2.7
3-Satisfactory	7	9.3
4- Clearly	25	33.3
5- Very Clearly	38	50.7
Total	75	100

4. Understand and explore different programming support provided in Google App Engine and Mobile Cloud Computing.

75 responses



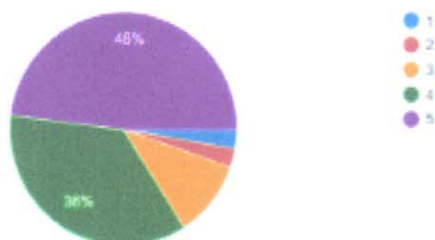
Score	No of students	Percentage
1- Not at all	0	0
2- Not very Clearly	4	5.3
3-Satisfactory	9	12
4- Clearly	30	40
5- Very Clearly	32	42.7
Total	75	100



Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: EH
Subject In-charge: Prof.Shreaddha R.

5. Understand and explore different components of cloud computing.

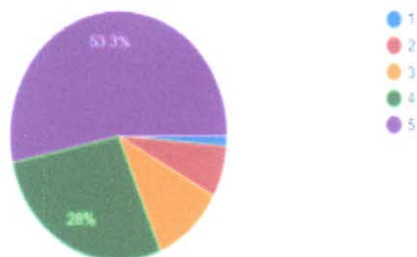
75 responses



Score	No of students	Percentage
1- Not at all	1	1
2- Not very Clearly	2	3
3-Satisfactory	9	12
4- Clearly	27	36
5- Very Clearly	36	48
Total	75	100


6. Understand different backup solutions and cloud data management .

75 responses



Score	No of students	Percentage
1- Not at all	0	0.3
2- Not very Clearly	5	6.4
3-Satisfactory	9	12
4- Clearly	21	28
5- Very Clearly	40	53.3
Total	75	100


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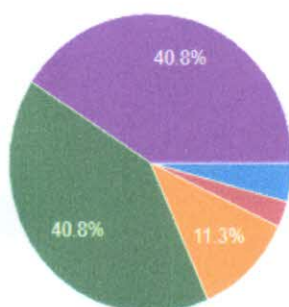
Academic Year: 2021-2022(EVEN SEM)

Course Exit Analysis Report (SemVI)

Subject: WN

Subject In-charge: Prof. Vaishali Jadhav.

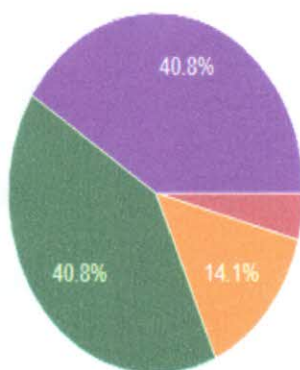
1. On what scale, contents learned in Theory are sufficient to understand course?



● 1
 ● 2
 ● 3
 ● 4
 ● 5

score	no of student	Percentage
1-cants say	3	4
2 Hardly	2	2
3-moderate	8	11.3
4-mostly	29	40
5 Definitely	30	40.8
total	71	100

2. Are you interested to study advanced contents of this subject?



● 1
 ● 2
 ● 3
 ● 4
 ● 5

score	no of student	Percentage
1-cants say	0	0
2 Hardly	3	3
3- moderate	10	14.1
4-mostly	29	40.8
5 Definitely	29	40.8
total	71	100%



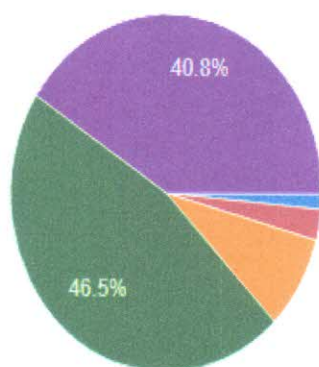
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVI)
Subject: WN
Subject In-charge: Prof.Vaishali Jadhav.

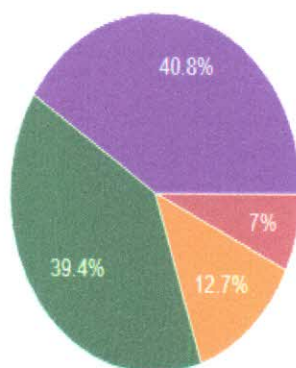
3. Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?.



1
2
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5

score	no of student	Percentage
1-cants say	1	1.4
2 Hardly	2	2.8
3-moderate	6	8.5
4-mostly	33	46.5
5 Definitely	29	40.8
total	71	100%

4. Are you able to solve cellular network design problem ?



1
2
3
4
5

score	no of student	Percentage
1-cants say	0	1.4
2 Hardly	5	7
3- moderate	9	12.7
4-mostly	28	39.4
5 Definitely	29	40.8
total		100%



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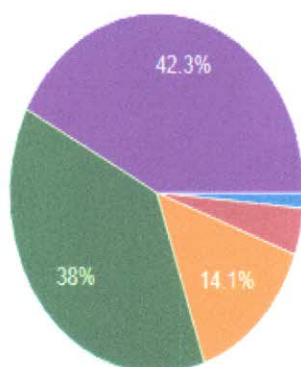
Academic Year: 2021-2022(EVEN SEM)

Course Exit Analysis Report (Sem VI)

Subject: WN

Subject In-charge: Prof. Vaishali Jadhav.

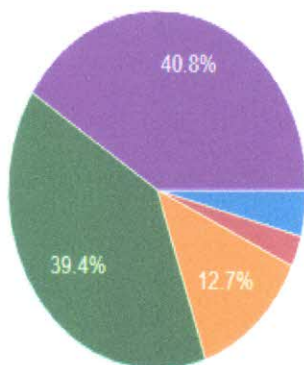
5. Have you able to select most suitable wireless networks as per customer need ?



1
2
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1-cants say	1	1.5
2 Hardly	3	3
3- moderate	10	14.1
4-mostly	27	38%
5 Definitely	31	42%
total	71	100

6. Are you interested to Understand and analyze the requirement advanced contents of this subject?



1
2
3
4
5

1-cants say	3	3
2 Hardly	2	2
3- moderate	9	12.7
4-mostly	28	39.4
5 Definitely	30	42.8
total	71	100

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Department of Information Technology
Action taken based on feedback from students (CO & PO)
Academic year 2021-22 EVEN

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 stake holders to enhance the employability of the student are discussed below.

- Some more basic concepts should be added in syllabus like programming.
- Need video's for better understanding of concepts in CCS
- Need some extra practice for java programming
- Some extra information of DF for real world problem is needed.

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	DMBI	Bayes classification	https://docs.google.com/presentation/d/13g7rkjrolZ3XkypZP0wOQ4IP8cdstxs8/edit?usp=share_link&ouid=117455120215495985121&rtpof=true&sd=true
2	Web X	TypeScript vs JavaScript : When to choose what	https://www.hiddenbrains.com/blog/typescript-vs-javascript.html https://itnext.io/choosing-typescript-vs-javascript-techno

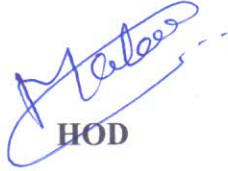


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			logy-popularity-ea978afd6b5f
3	DMBI	Frequent pattern mining	As required


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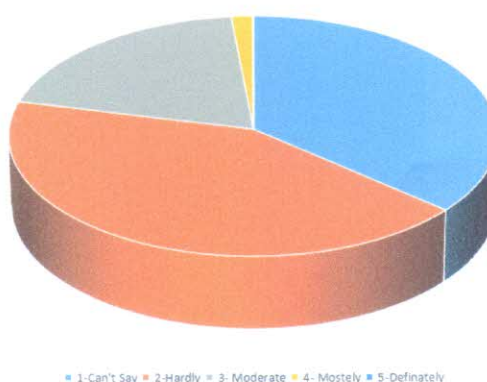
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Department of Information Technology Academic Year:2021-2022(ODD SEM) Course Exit Analysis Report (SemVII) Subject: END Subject In-charge: Prof.Vaishali Jadhav.

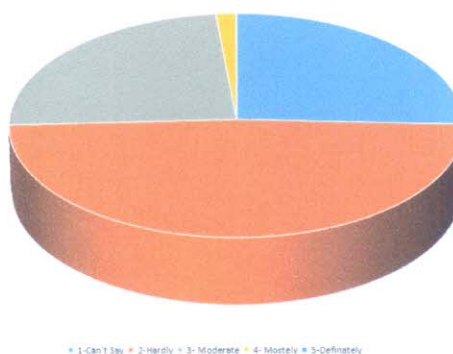
Score	No of students	Percentage
1-Can't Say	24	36.36
2-Hardly	28	42.42
3- Moderate	13	19.70
4- Mostly	1	1.52
5-Definitely	0	0.00
Total	66	100

Q1. Are you able to, Identify customer requirements for designing an enterprise network and Understand methodology to design an Enterprise network.



Score	No of students	Percentage
1-Can't Say	17	25.76
2-Hardly	32	48.48
3- Moderate	16	24.24
4- Mostly	1	1.52
5-Definitely	0	0.00
Total	66	100

Q2. are you able to, Recognize modules (functional areas) of Cisco Enterprise architecture, Understand network services within modular Enterprise network design, and Identify network management tool to configure and monitor performance of an Enterprise Network.





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Department of Information Technology

Academic Year:2021-2022(ODD SEM)

Course Exit Analysis Report (SemVII)

Subject: END

Subject In-charge: Prof.Vaishali Jadhav.

Score	No of students	Percentage
1-Can't Say	20	30.30
2-Hardly	30	45.45
3- Moderate	14	21.21
4- Mostly	2	3.03
5-Definitely	0	0.00
Total	66	100

Q3. are you able to, Select transmission technologies and internet-working devices as per design requirements of Enterprise, Campus module, and an Enterprise data center module and Apply the three hierarchical network layers in designing Enterprise, Campus and data center modules

■ 1-Can't Say
■ 2-Hardly
■ 3- Moderate
■ 4- Mostly
■ 5-Definitely

Score	No of students	Percentage
1-Can't Say	19	28.79
2-Hardly	33	50.00
3- Moderate	14	21.21
4- Mostly	0	0.00
5-Definitely	0	0.00
Total	66	100.00

Q4. are you able to, Identify WAN transport technologies for designing remote connectivity between enterprise edge and enterprise branch /teleworker modules as per WAN application and technical requirements

■ 1-Can't Say ■ 2-Hardly ■ 3- Moderate ■ 4- Mostly ■ 5-Definitely



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Academic Year:2021-2022(ODD SEM)

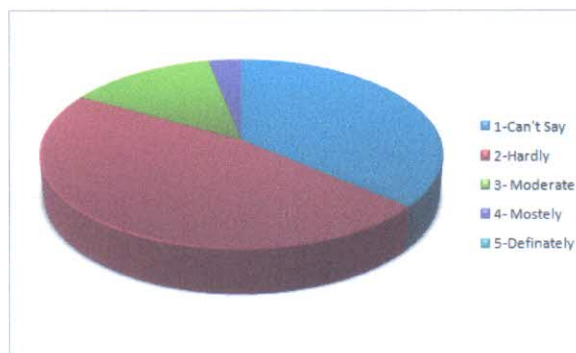
Course Exit Analysis Report (SemVII)

Subject: END

Subject In-charge: Prof.Vaishali Jadhav

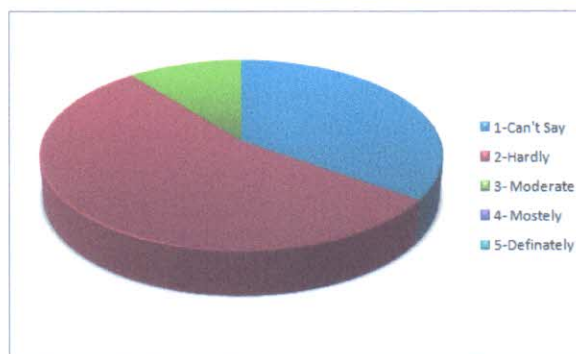
Score	No of students	Percentage
1-Can't Say	24	36.36
2-Hardly	31	46.97
3- Moderate	9	13.64
4- Mostly	2	3.03
5-Definitely	0	0.00
Total	66	100

Q5 are you able to, Designing sub-nets including detailed IP addressing for an enterprise



Score	No of students	Percentage
1-Can't Say	23	34.85
2-Hardly	36	54.55
3- Moderate	7	10.61
4- Mostly	0	0.00
5-Definitely	0	0.00
Total	66	100

Q5. are you able to, Understand software defined network architecture



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HOD

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V. Jadhav
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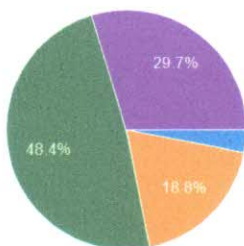
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Department of Information Technology Academic Year: 2021-2022(ODD SEM) Course Exit Analysis Report (SemVII) Subject: STQA Subject In-charge: Prof.Pragati Pejlekar

1. Investigate the reason for bugs and analyze the principles in software and remove bugs

64 responses

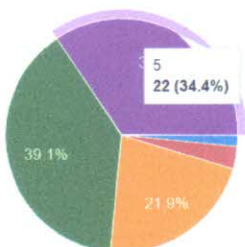


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Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	2	0%
3. Moderately Relevant	13	20%
4. Relevant	32	50%
5. Strongly Relevant	19	30%
Total	64	100%

2. Use practical knowledge of a variety of ways to test software and understand the trade offs between testing techniques

64 responses



1
2
3
4
5

Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	4	6%
3. Moderately Relevant	14	22%
4. Relevant	22	34%
5. Strongly Relevant	25	39%
Total	64	100%



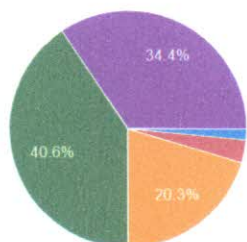
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3. Understand explore various test process for quality improvement

64 responses

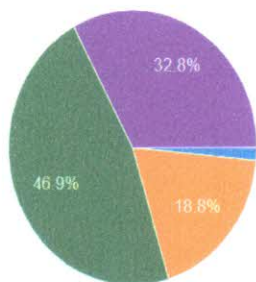


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2
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Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	1	2%
3. Moderately Relevant	13	20%
4. Relevant	27	42%
5. Strongly Relevant	23	36%
Total	64	100%

4. Recognize and use software testing techniques in commercial er

64 responses

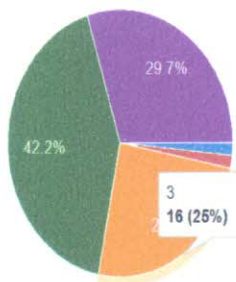


1
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Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	0	0%
2. Least Relevant	1	0%
3. Moderately Relevant	12	19%
4. Relevant	30	47%
5. Strongly Relevant	21	33%
Total	64	100%

5. Understand explore and design testing for specialized environment

64 responses



1
2
3
4
5

Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	1	2%
2. Least Relevant	0	0%
3. Moderately Relevant	17	27%
4. Relevant	27	42%
5. Strongly Relevant	19	30%
Total	64	100%



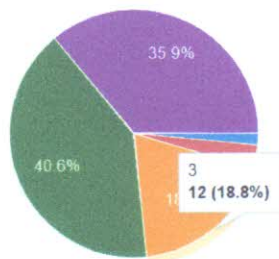
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6. Discuss and categorize software quality management process

64 responses



1
2
3
4
5

Degree of Relevance:	No. Of Students	Percentage
1. Can't Say	1	2%
2. Least Relevant	2	3%
3. Moderately Relevant	12	19%
4. Relevant	26	41%
5. Strongly Relevant	23	36%
Total	64	100%

M. Talwar
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Academic Year: 2021-2022(ODD SEM)

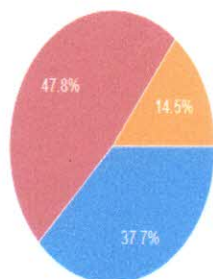
Course Exit Analysis Report (SemVII)

Subject: AI

Subject In-charge: Prof.NAVDEEP BAGGA

1. Will you able to design building blocks of agents using PEAS?

69 responses

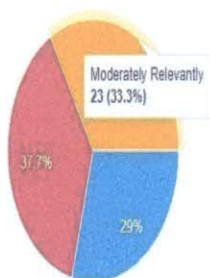


● strongly Relevantly
● Relevantly
● Moderately Relevantly
● Least Relevantly
● Cant say

Score	No of students	Percentage
1- Cant Say	0	0
2- Least Relevantly	0	0
3-Moderately Relavently	10	14.5
4- Relevantly	33	47.8
5- Strong Relevantly	26	37.7
Total	69	100

2. will you able to formulize the problem as state space or graph and design heuristic to solve real world problems

69 responses



● Strongly Relevantly
● Relevantly
● Moderately Relevantly
● Least
● can't say

Score	No of students	Percentage
1- Cant Say	0	0
2- Least Relevantly	0	0
3-Moderately Relavently	23	33.3
4- Relevantly	26	37.7
5- Strong Relevantly	20	29
Total	69	100



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Academic Year: 2021-2022(ODD SEM)

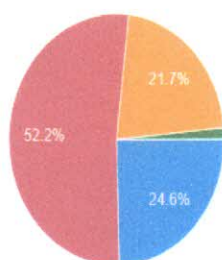
Course Exit Analysis Report (SemVII)

Subject: AI

Subject In-charge: Prof.NAVDEEP BAGGA

3. Will you able to attain capability to represent the various real life problem like house building by using logic based techniques and planning

69 responses

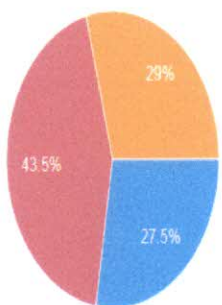


● Strongly Relevantly
● Relevantly
● Moderately Relevantly
● Least Relevantly
● Can't say

Score	No of students	Percentage
1- Cant Say	0	0
2- Least Relevantly	1	1.7
3-Moderately Relavently	15	21.7
4- Relevantly	36	52
5- Strong Relevantly	17	24.6
Total	69	100

4. will you able to formulate and solve problems with uncertain information using bayesian approach

69 responses



● Strongly Relevantly
● Relevantly
● Moderately Relevantly
● Least Relevantly
● Cant say

Score	No of students	Percentage
1- Cant Say	0	0
2- Least Relevantly	0	0
3-Moderately Relavently	20	29
4- Relevantly	30	43.5
5- Strong Relevantly	19	27.5
Total	69	100



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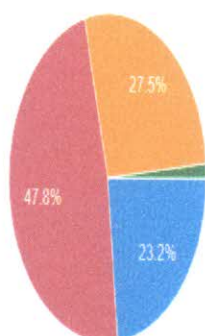
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Academic Year: 2021-2022(ODD SEM)
Course Exit Analysis Report (SemVII)
Subject: AI
Subject In-charge: Prof.NAVDEEP BAGGA

5. Will be able to design real world problems using STRIPS language like air cargo problem

69 responses

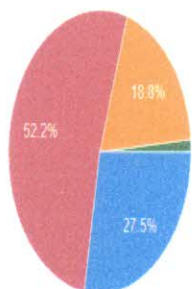


● Strongly Relevantly
● Relevantly
● Moderately Relevantly
● Least Relevantly
● Can't say

Score	No of students	Percentage
1- Cant Say	0	0
2- Least Relevantly	1	1.5
3-Moderately Relavently	19	27.5
4- Relevantly	33	47.8
5- Strong Relevantly	16	23.2
Total	69	100

6. Will you able to apply concept of NLP foe designing Chatbots

69 responses



● Strongly Relevantly
● Relevantly
● Moderately Relevantly
● Least Relevantly
● Can't say

Score	No of students	Percentage
1- Cant Say		0
2- Least Relevantly	1	1.5
3-Moderately Relavently	13	18.8
4- Relevantly	36	52.2
5- Strong Relevantly	19	27.5
Total	69	100

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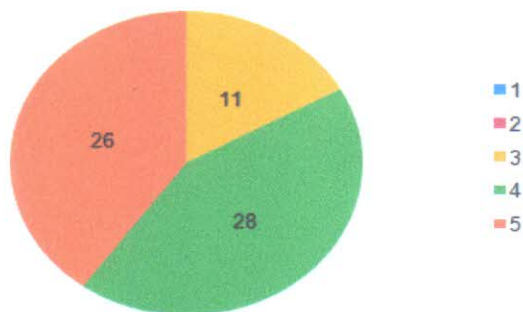
Academic Year: 2021-22 (ODD SEM)

Course Exit Analysis Report (Sem – VII)

Subject – Cyber Security & Laws Subject In-charge – Prof. Ragini Sharma

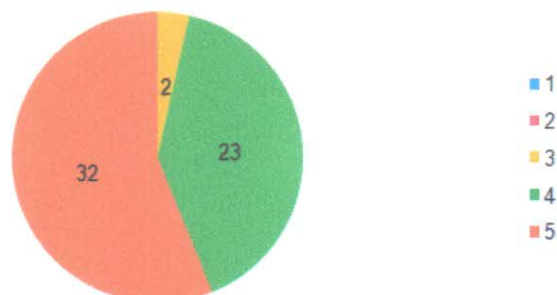
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	0	0%
3-Hardly	2	3.5%
4-Moderately	20	35.1%
5-Mostly	35	61.4%
Total	57	100%

CO1. Identify modern engineering technologies or protocols required for various web applications.



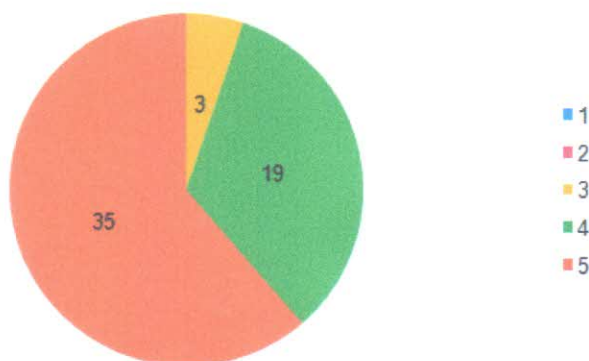
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	0	0%
3-Hardly	2	3.50%
4-Moderately	23	40.40%
5-Mostly	32	56.10%
Total	57	100%

CO2- Apply engineering fundamentals to identify various security challenges in mobile device for different types of attack and Distinguish different aspects of cyber law



Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	0	0%
3-Hardly	3	5.30%
4-Moderately	19	33.30%
5-Mostly	35	61.40%
Total	57	100%

CO3-Use of Different tools and methods in Cyber Security





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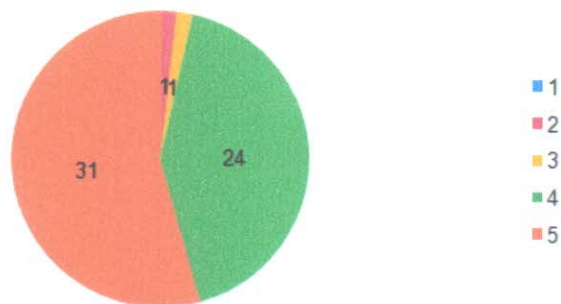
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Department of Information Technology
Academic Year: 2021-22 (ODD SEM)

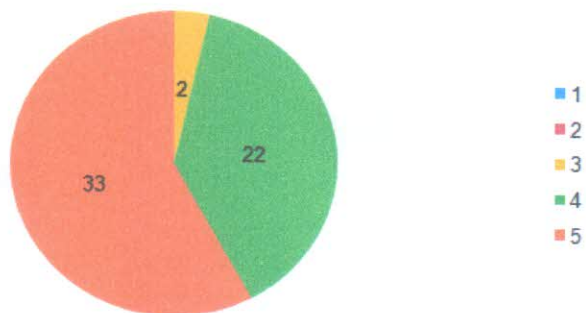
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	1	1.75%
3-Hardly	1	1.75%
4-Moderately	24	42.10%
5-Mostly	31	54.40%
Total	57	100%

CO4-Interpret legislation ,regulation, codes and standards relevant to E-Commerce , The Contract Aspects ,The Security Aspect ,The Intellectual Property Aspect in Cyber Law



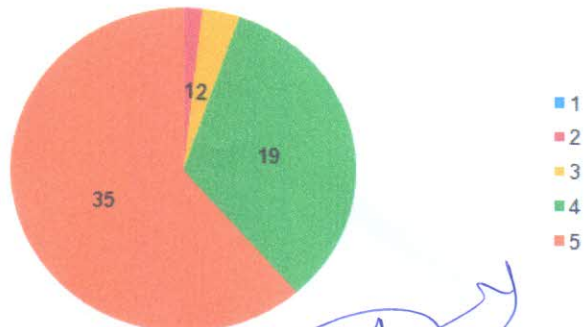
Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	0	0%
3-Hardly	2	3.50%
4-Moderately	22	38.60%
5-Mostly	33	57.90%
Total	57	100%

CO5-Interpret legislation ,regulation, codes and standards relevant to cyber law and explain IT act 2000 and its latest amendments



Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	1	1.80%
3-Hardly	2	3.50%
4-Moderately	19	33.30%
5-Mostly	35	61.40%
Total	57	100%

CO6-Able to choose appropriate information security standards during software design and development



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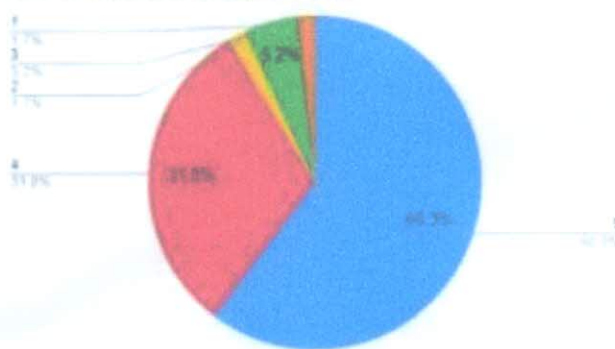
Academic Year:2021-2022(ODD SEM)

Course Exit Analysis Report (SemVII)

Subject: CSL

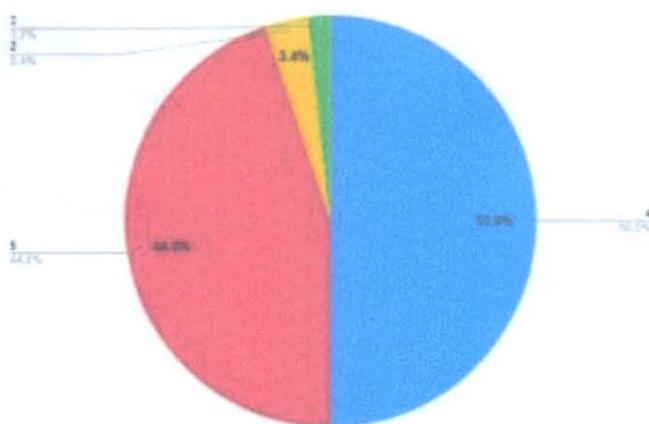
Subject In-charge: Prof.Ragini Sharma.

CO1-Apply theory and principles of computer science and engineering to identify different types of cyber crime and its effect on outside world.



Score	No. of Students	Percentage
1-Can't Say	1	1.7%
2- Definitely	1	1.7%
3-Hardly	3	5.2%
4-Moderately	18	31%
5-Mostly	36	60.3%
Total	59	100%

CO2. Apply engineering fundamentals to identify various security challenges in mobile device for different types of attack and Distinguish different aspects of cyber law



Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	2	3.4%
3-Hardly	1	1.7%
4-Moderately	30	50.8%
5-Mostly	26	44.1%
Total	59	100%



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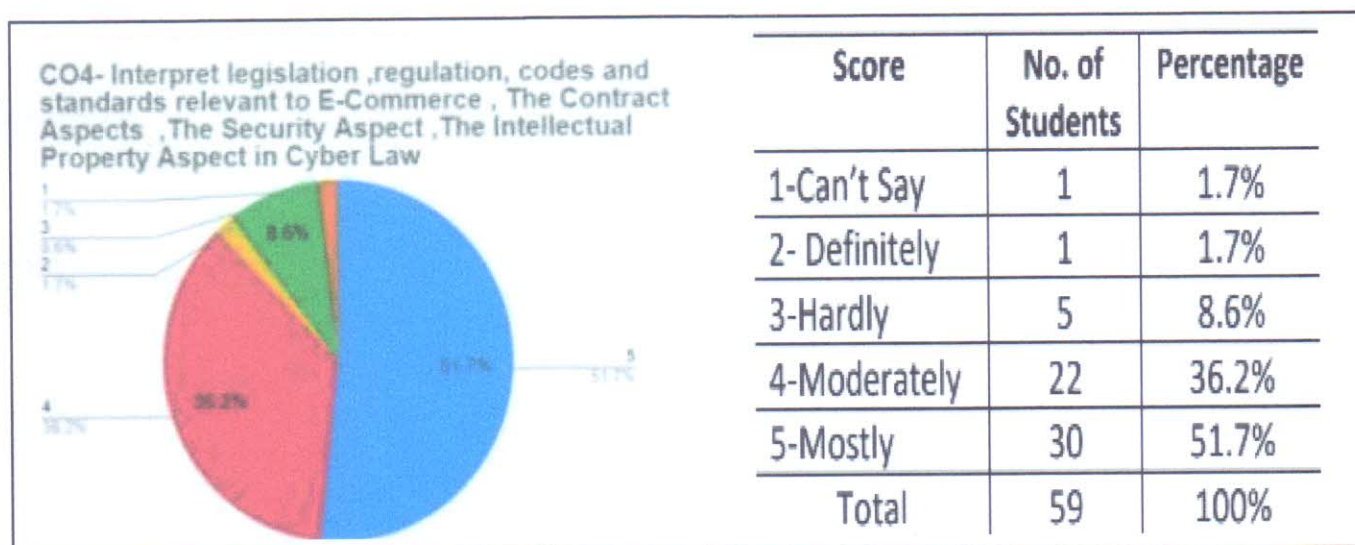
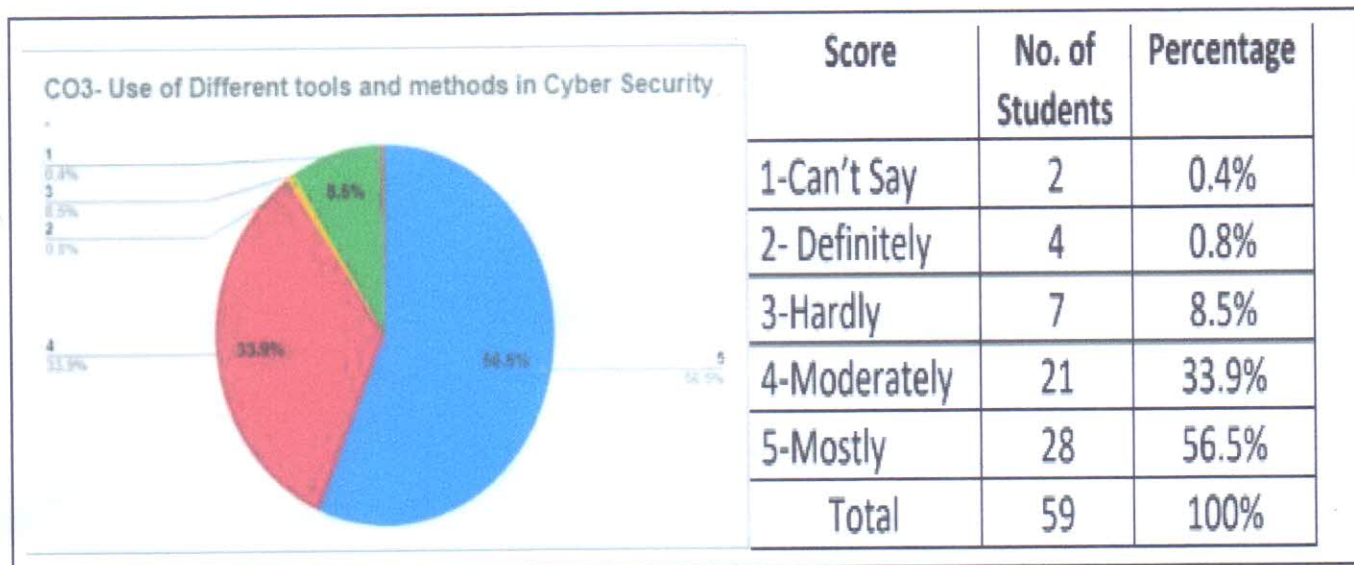
Department of Information Technology

Academic Year:2021-2022(ODD SEM)

Course Exit Analysis Report (SemVII)

Subject: CSL

Subject In-charge: Prof.Ragini Sharma.





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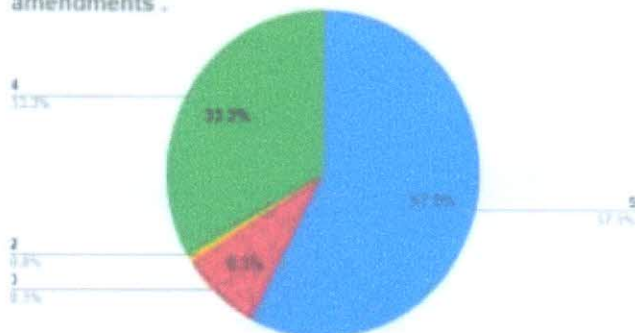
Academic Year:2021-2022(ODD SEM)

Course Exit Analysis Report (SemVII)

Subject: CSL

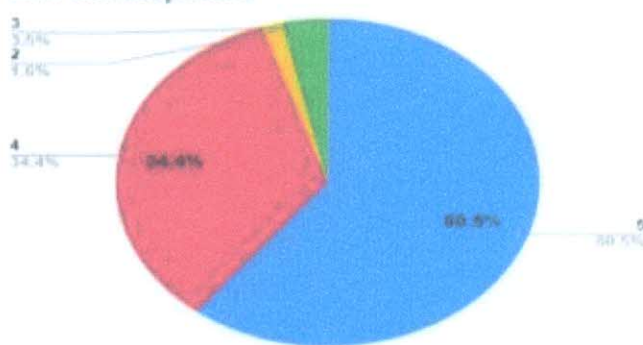
Subject In-charge: Prof.Ragini Sharma.

CO5- Interpret legislation ,regulation, codes and standards relevant to cyber law and explain IT act 2000 and its latest amendments .



Score	No. of Students	Percentage
1-Can't Say	0	0
2- Definitely	2	0.8%
3-Hardly	7	8.3%
4-Moderately	21	33.3%
5-Mostly	29	57.5%
Total	59	100%

CO6- Able to choose appropriate information security standards during software design and development



Score	No. of Students	Percentage
1-Can't Say	0	0
2- Definitely	2	1.6%
3-Hardly	4	3.5%
4-Moderately	22	34.4%
5-Mostly	31	60.5%
Total	59	100%

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DEPARTMENT OF INFORMATION TECHNOLOGY

Action taken based on feedback from students

Academic Year 2021-2022 ODD

Summary of feedback(Semester VII):

Feedbacks collected through course exit were analysed and necessary actions were planned for effective teaching. Abstract of suggestions obtained from the stake holders to enhance the employability of the student are discussed below.

- Need animated videos for better understanding
- Exposure to add on courses to boost practical knowledge
- Need awareness about the latest technologies and practices in industry.

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. Events are selected such that it will be beneficial for their career. Details of events organized at Institutional and department level are mentioned below

S.NO	PROGRAM	COURSE	FEEDBACK RECEIVED	ACTION TAKEN
1	IT	CSL	Mobile Forensics	Provided content beyond syllabus for process and steps of mobile forensics
2	IT	STQA	selenium testing	https://drive.google.com/file/d/1DNwIPssSAYWsmPb49FiS-jl0OyrXHP3V/view?usp=share_link

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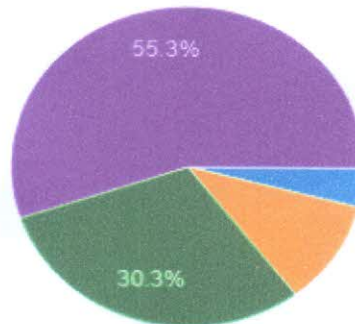
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: IOE
Subject In-charge: Prof.Kirti Mahamunkar.

1. Understand the concept of IOE

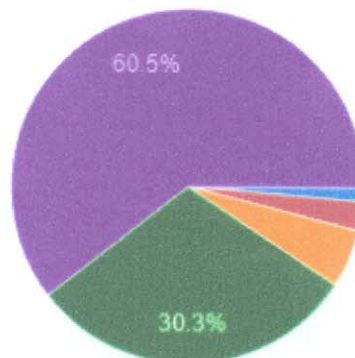
1-cants say	3	3
2 Hardly	0	0
3-moderate	10	10.5
4-mostly	8	30.2
5 Definitely	42	55.3
total	76	100



● 1
 ● 2
 ● 3
 ● 4
 ● 5

2. Understand RFID technology

1-cants say	1	1
2 Hardly	2	2.6
3-moderate	5	5.3
4-mostly	23	30.3
5 Definitely	46	60.5
total	76	100



● 1
 ● 2
 ● 3
 ● 4
 ● 5



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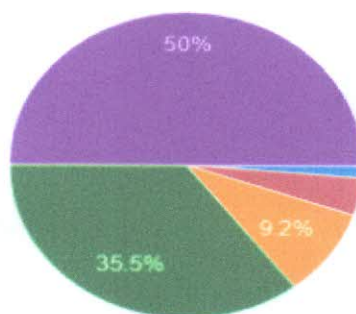
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: IOE
Subject In-charge: Prof.Kirti Mahamunkar.

3 Understand the concept of RFID anti-collision protocols for tag identification

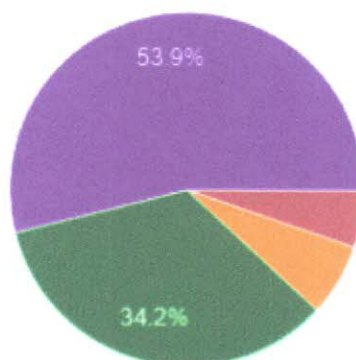
score	no of student	Percentage
1-cants say	1	1.3
2 Hardly	3	3.9
3-moderate	7	9.2
4-mostly	27	35.5
5 Definitely	38	50%
total	76	100



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4. Explore and analyze the WSN architecture

score	no of student	Percentage
1-cants say	0	0
2 Hardly	4	5.3
3-moderate	26	34.2
4-mostly	5	5.6
5 Definitely	41	53.9
total	76	100



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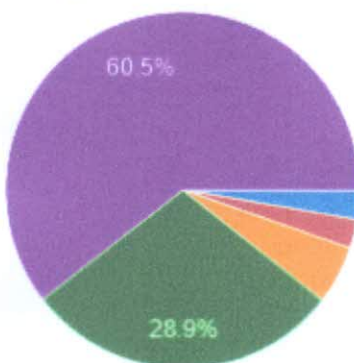
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: IOE
Subject In-charge: Prof.Kirti Mahamunkar.

5. 5. explore and analyze Mobility management

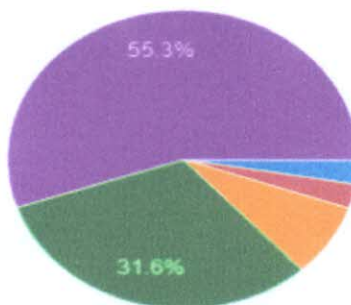
score	no of student	Percentage
1-cants say	2	2.6%
2 Hardly	2	2.6%
3-moderate	4	5.3
4-mostly	22	28.9
5 Definitely	46	60.5
total	76	100



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6. Understand the Hadoop ecosystem

score	no of student	Percentage
1-cants say	2	2.6
2 Hardly	2	2.6
3-moderate	6	7.9
4-mostly	24	31.6
5 Definitely	42	55.3
total	76	100



1
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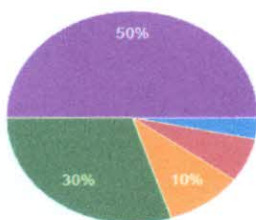
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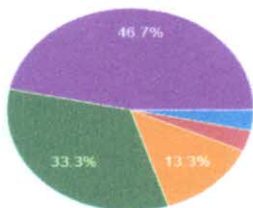
Department of Information Technology Academic Year: 2021-2022(EVEN SEM) Course Exit Analysis Report (SemVIII) Subject: UID Subject In-charge: Prof.Pranal Kakde

1. Will you able to identify good interaction design interfaces for developing applications.



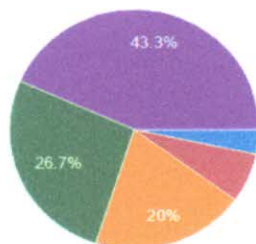
Score	Number of Students	Percentage
1- Can't say	0	0.00%
2- Least Relevant	1	3.57%
3- Moderately Relevant	3	10.71%
4- Relevant	9	32.14%
5 - Strongly Relevant	15	53.57%
Total	28	100.00%

2. Will you able to identify human schycology and social emotional aspects for good interaction design.



Score	Number of Students	Percentage
1- Can't say	0	0.00%
2- Least Relevant	1	3.57%
3- Moderately Relevant	3	10.71%
4- Relevant	10	35.71%
5 - Strongly Relevant	15	53.57%
Total	29	103.57%

3. Will you able to identify appropriate techniques and languages for designing user interaction



Score	Number of Students	Percentage
1- Can't say	0	0.00%
2- Least Relevant	1	3.57%
3- Moderately Relevant	6	21.43%
4- Relevant	8	28.57%
5 - Strongly Relevant	13	46.43%
Total	28	100.00%



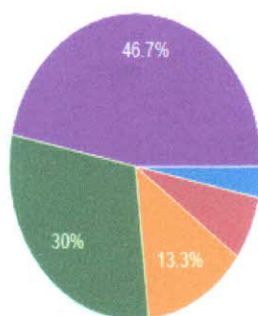
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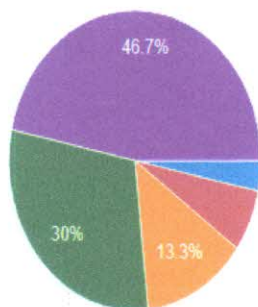
Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVII)
Subject: UID
Subject In-charge: Prof.Pranal Kakde

4. Will you able to find resources which is used to design user interaction



Score	Number of Students	Percentage
1- Can't say	0	0.00%
2- Least Relevant	1	3.57%
3- Moderately Relevant	4	14.29%
4- Relevant	9	32.14%
5 - Strongly Relevant	14	50.00%
Total	28	100.00%

5. Will you able to convert conceptual design to implementation in interaction design.



Score	Number of Students	Percentage
1- Can't say	0	0.00%
2- Least Relevant	1	3.57%
3- Moderately Relevant	4	14.29%
4- Relevant	9	32.14%
5 - Strongly Relevant	14	50.00%
Total	28	100.00%



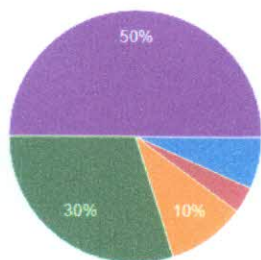
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Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: UID
Subject In-charge: Prof.Pranal Kakde.

6. Will you able to use innovative prototypes for designing applications.



Score	Number of Students	Percentage
1- Can't say	0	0.00%
2- Least Relevant	1	3.57%
3- Moderately Relevant	3	10.71%
4- Relevant	9	32.14%
5 - Strongly Relevant	15	53.57%
Total	28	100.00%


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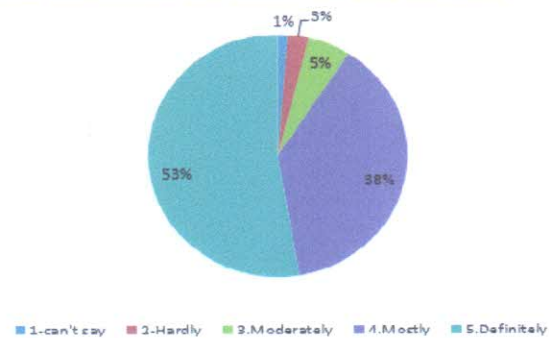
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: BDA
Subject In-charge: Dr.Divya Tamma

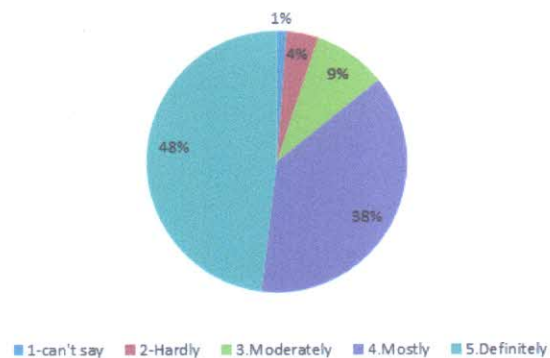
Score	No. of Students	Percentage
1-can't say	1	1
2 Hardly	2	3
3.Moderately	4	5
4.Mostly	29	38
5.Definitely	40	53
Total	76	100

CO1: Understand and analyze Big Data Concepts



Score	No. of Students	Percentage
1-can't say	1	1
2-Hardly	3	4
3.Moderately	7	9
4.Mostly	29	38
5.Definitely	37	48
Total	76	100

CO2: Understand and analyze Hadoop and NOSQL





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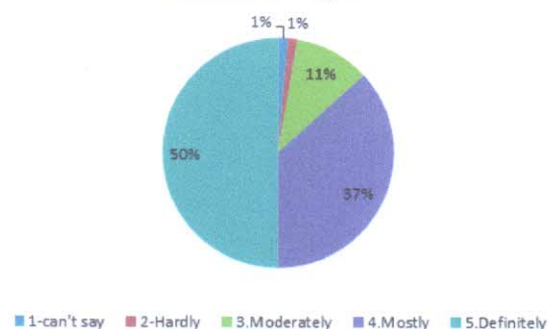
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: BDA
Subject In-charge: Dr.Divya Tamma

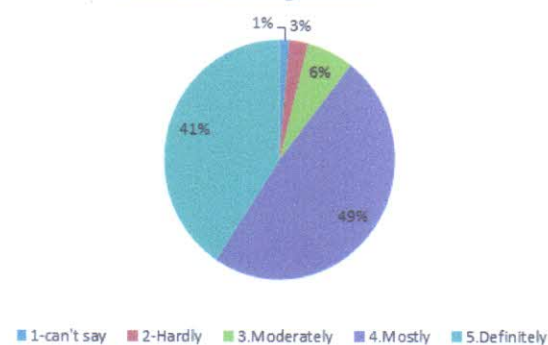
Score	No. of Students	Percentage
1-can't say	1	1
2-Hardly	1	1
3.Moderately	8	11
4.Mostly	28	37
5.Definitely	38	50
Total	76	100

CO3: Understand and analyze the concepts of Map Reduce Paradigm



Score	No. of Students	Percentage
1-can't say	1	1
2-Hardly	2	3
3.Moderately	5	6
4.Mostly	37	49
5.Definitely	31	41
Total	76	100

CO4: Understand and analyze the clustering and classification algorithms





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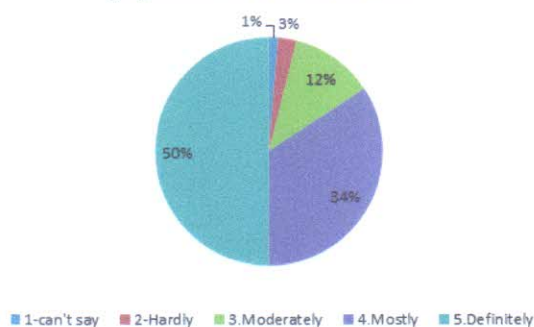
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: BDA
Subject In-charge: Dr.Divya Tamma

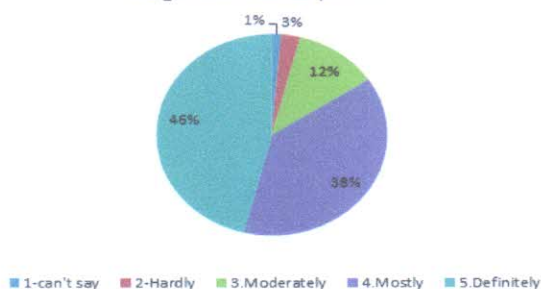
Score	No. of Students	Percentage
1-can't say	1	1
2-Hardly	2	3
3.Moderately	9	12
4.Mostly	26	34
5.Definitely	38	50
Total	76	100

CO5: Understand and analyze big data streams, web graphs and social media data



Score	No. of Students	Percentage
1-can't say	1	1
2-Hardly	2	3
3.Moderately	9	12
4.Mostly	29	38
5.Definitely	35	46
Total	76	100

CO6: Understand and analyze the recommendation engines for enterprises



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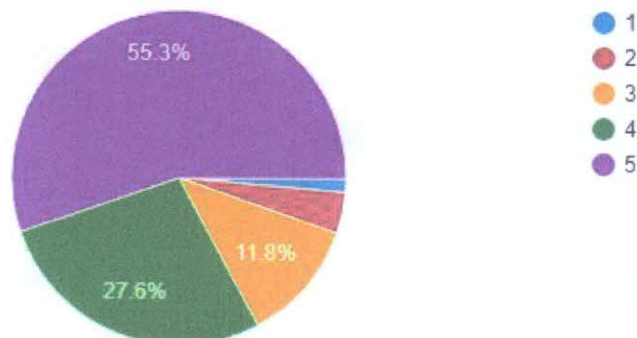
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Department of Information Technology
Academic Year: 2021-22 (EVEN SEM)
Course Exit Analysis Report (Sem – VIII)
Subject – DevOps Lab Subject In-charge – Prof. Ragini Sharma

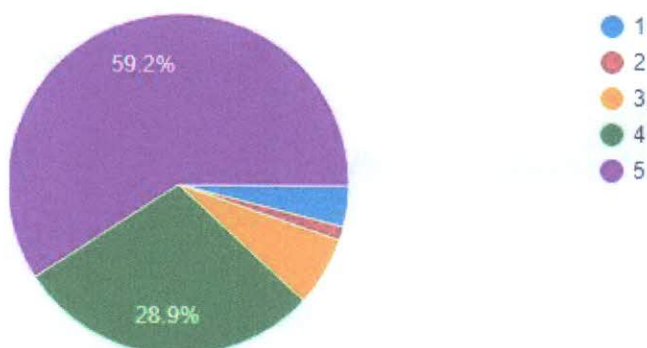
Score	No. of Students	Percentage
1-Can't Say	1	1.3%
2- Definitely	3	3.9%
3-Hardly	9	11.8%
4-Moderately	21	27.6%
5-Mostly	42	55.3%
Total	76	100%

CO1-Able to choose appropriate DevOps tools used in SDLC



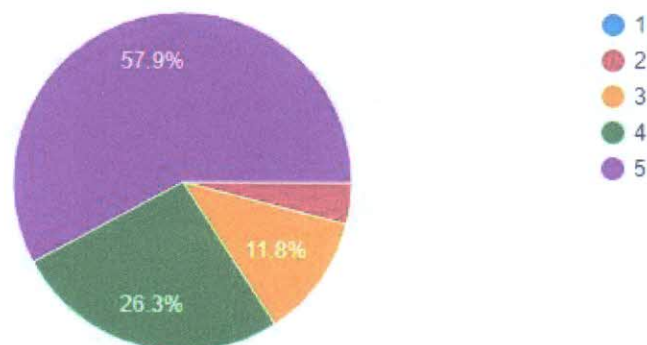
Score	No. of Students	Percentage
1-Can't Say	3	3.9%
2- Definitely	1	1.3%
3-Hardly	5	6.6%
4-Moderately	22	28.9%
5-Mostly	45	59.2%
Total	76	100%

CO2-Identify the strengths and limitations of Jenkins tools to Build, Deploy and Test Software Applications



Score	No. of Students	Percentage
1-Can't Say	0	0%
2- Definitely	3	3.9%
3-Hardly	9	11.8%
4-Moderately	20	26.3%
5-Mostly	44	57.9%
Total	76	100%

CO3-Able to select, implement and integrate Git Version Control strategies in the modules

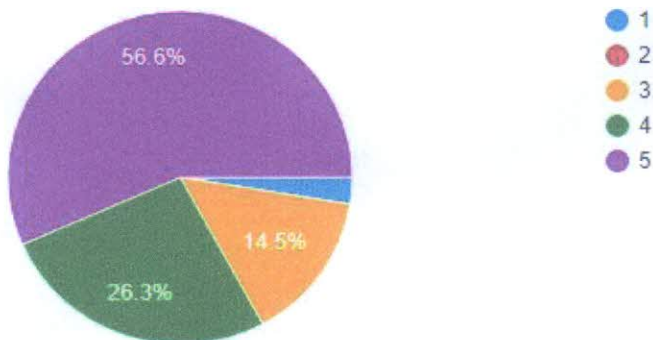




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Academic Year: 2021-22 (EVEN SEM)

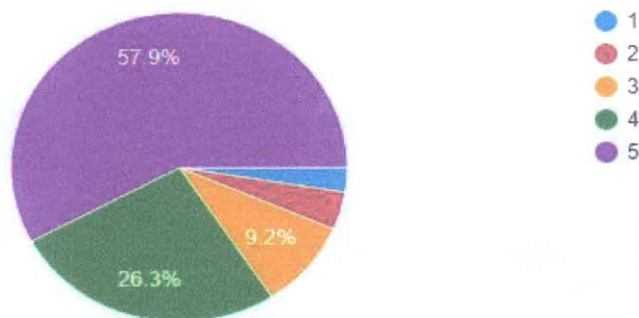
Score	No. of Students	Percentage
1-Can't Say	2	2.6%
2- Definitely	0	0%
3-Hardly	11	14.5%
4-Moderately	20	26.3%
5-Mostly	43	56.6%
Total	76	100%

CO4-Analyze & Illustrate the Containerization of images and deployment of applications over Docker



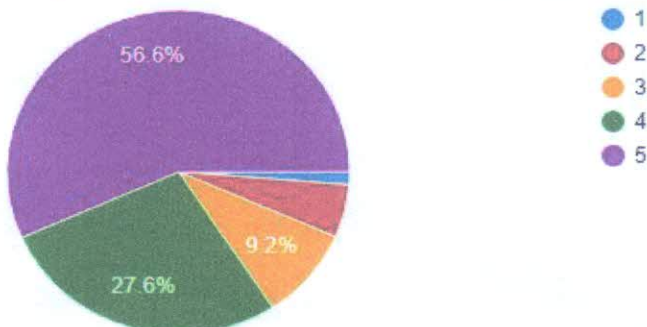
Score	No. of Students	Percentage
1-Can't Say	2	2.6%
2- Definitely	3	3.9%
3-Hardly	7	9.2%
4-Moderately	20	26.3%
5-Mostly	44	57.9%
Total	76	100%

CO5-Adapt and integrate Software Configuration Management tools and technique in DevOps to solve engineering problems



Score	No. of Students	Percentage
1-Can't Say	1	1.3%
2- Definitely	4	5.3%
3-Hardly	7	9.2%
4-Moderately	21	27.6%
5-Mostly	43	56.6%
Total	76	100%

CO6-Compare , contrast and choose the best provisioning using Chef/Puppet/Ansible or Saltstack.



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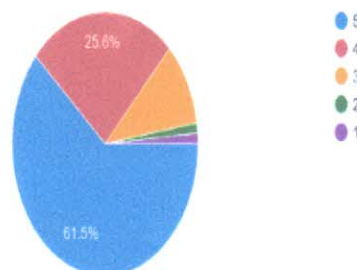
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Department of Information Technology
Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: R Programming Lab
Subject In-charge: Prof. Madhumati L.

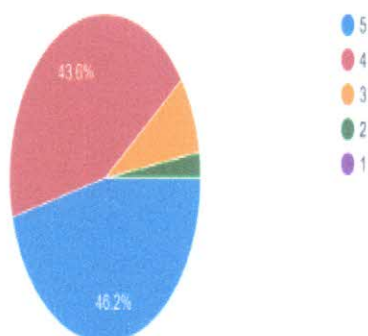
Score	No of student	Percentage
1.can't say	1	1
2.Hardly	1	1
3.Moderately	8	10.9
4. Mostly	19	25.6
5.Definitely	47	61.5
Total	76	100

1.Understand the basic concept of R programming and its installation.



Score	No of student	Percentage
1.can't say	0	0
2.Hardly	2	2
3.Moderately	6	8.2
4. Mostly	33	43.6
5.Definitely	35	46.2
Total	76	100

2.Understand ,Analyze and Implement concept of List ,Matrix , Vectors and Data Frames.



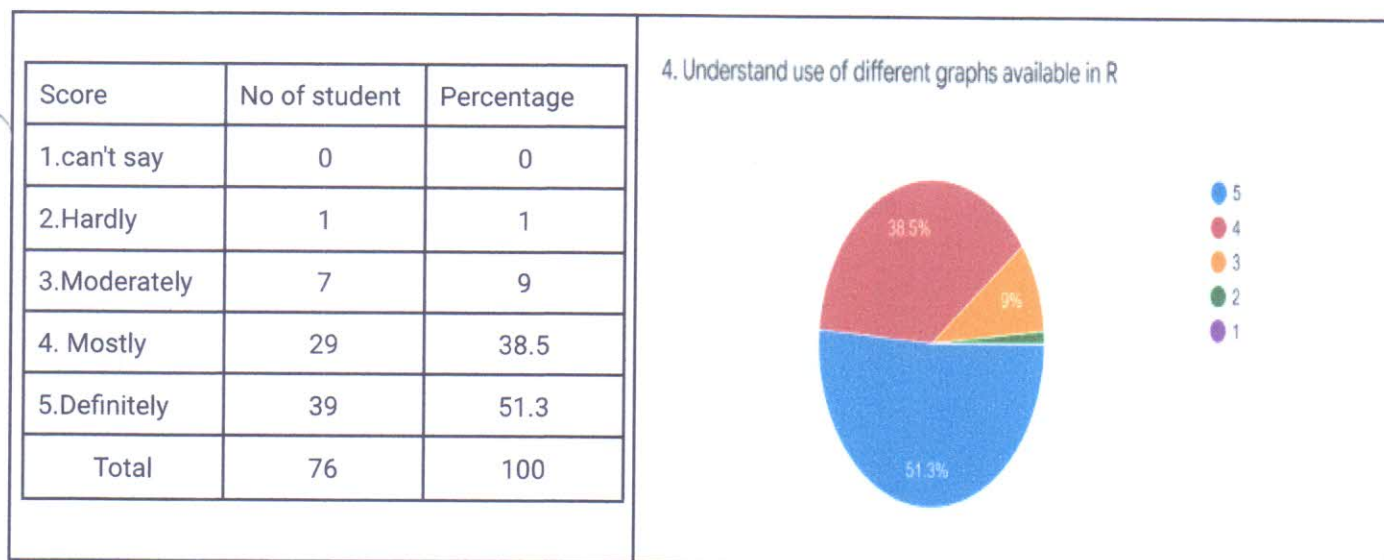
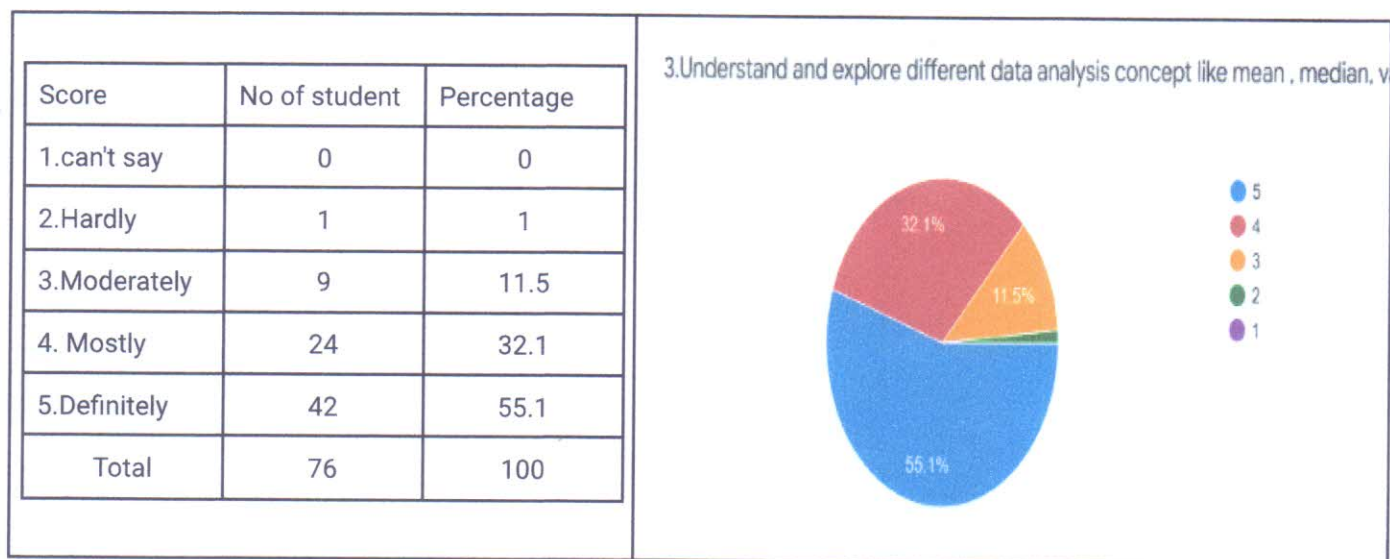


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Course Exit Analysis Report (SemVIII)
Subject: R Programming Lab
Subject In-charge: Prof. Madhumati L.





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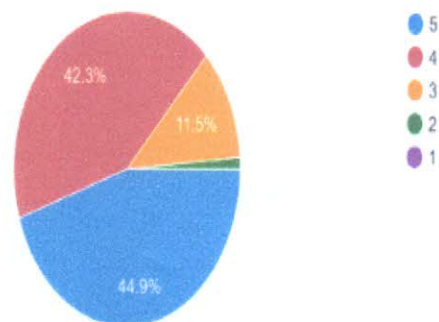
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Academic Year: 2021-2022(EVEN SEM)
Course Exit Analysis Report (SemVIII)
Subject: R Programming Lab
Subject In-charge: Prof. Madhumati L.

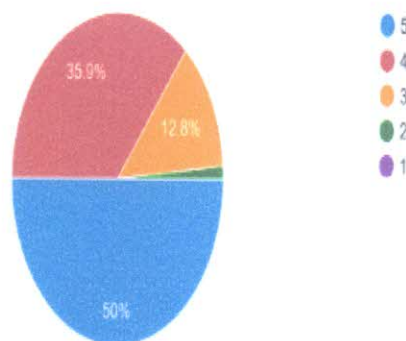
Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1
3.Moderately	9	11.5
4. Mostly	32	42.3
5.Definitely	34	44.9
Total	76	100

5. Understand and read different file format in R.



Score	No of student	Percentage
1.can't say	0	0
2.Hardly	1	1
3.Moderately	10	12.8
4. Mostly	27	35.9
5.Definitely	38	50
Total	76	100

6. Understand Analyzing graphs in R.



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Department of Information Technology
Action taken based on feedback from students
Academic year 2021-22 EVEN

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.


- Need more exposure to latest technologies in our field
- Need extra content to understand concepts for IOE
- Need extra content to understand concepts for ERP
- Need extra labs hourse for BE project

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	IOE need extra content to understand concepts of - Module 5 Mobility and Settings	<i>Contents provided localization and handover management-https://slideplayer.com/slides/258507/</i>	As required
2	BDA-Page rank Algorithm with example	<i>https://www.youtube.com/watch?v=xJUwspSaR1E</i>	As required


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Kharghar, Navi Mumbai - 410 210.



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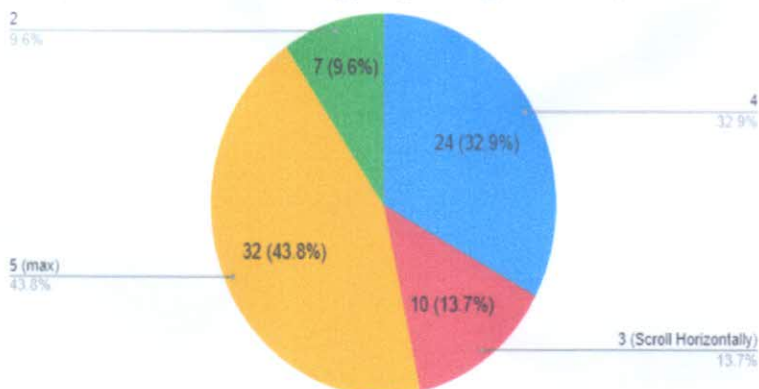
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Department of Information Technology
Academic Year: 2021-2022

Program Exit Analysis Report

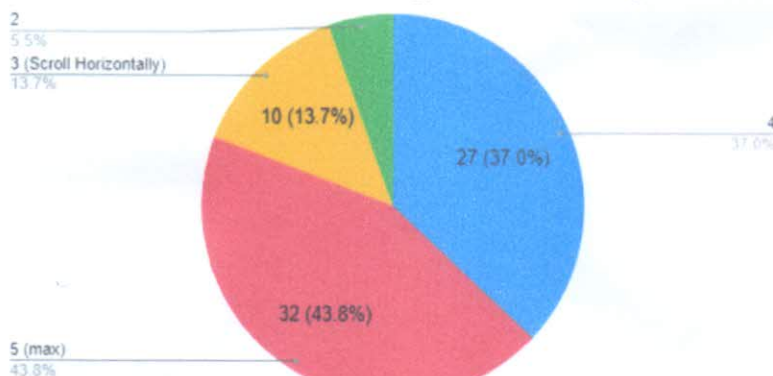
Score	No. of students	%
1-can't say	0	0
2-least relevant	7	9.6
3- moderately relevant	10	13.7
4- Relevant	24	32.9
5 – strongly Relevant	32	43.8
total	73	

[PO1: Apply concepts of Mathematics and Computing in solving complex Information Technology Engineering Problems.]



Score	No. of students	%
1-can't say	0	0
2-least relevant	3	5.5
3- moderately relevant	10	13.7
4- Relevant	27	37
5 – strongly Relevant	32	43.8
total	73	100

[PO2: Identify and analyse Problems, derive solution using concepts of Information Technology & mathematics.]





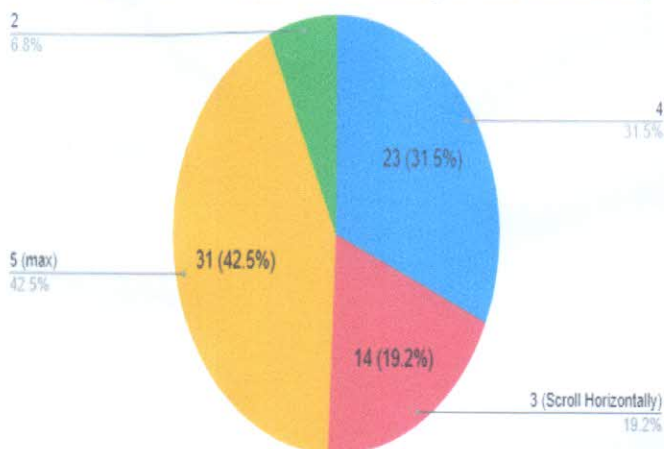
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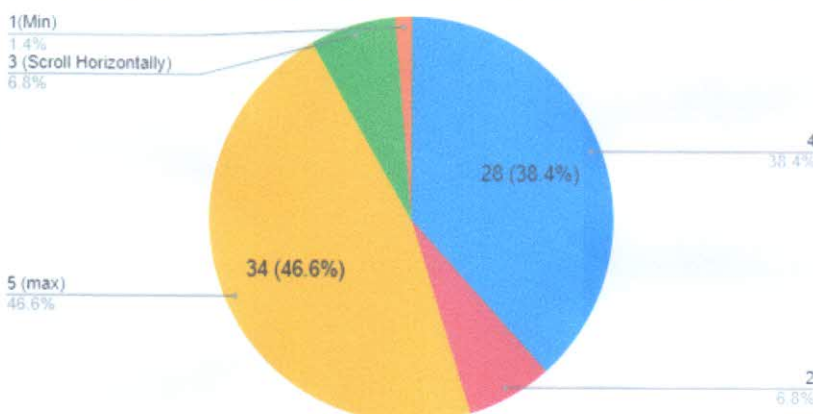
Score	No. of students	%
1-can't say	0	0
2-least relevant	4	6.8
3- moderately relevant	14	19.2
4- Relevant	23	31.4
5 – strongly Relevant	31	45.5
total	73	100

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



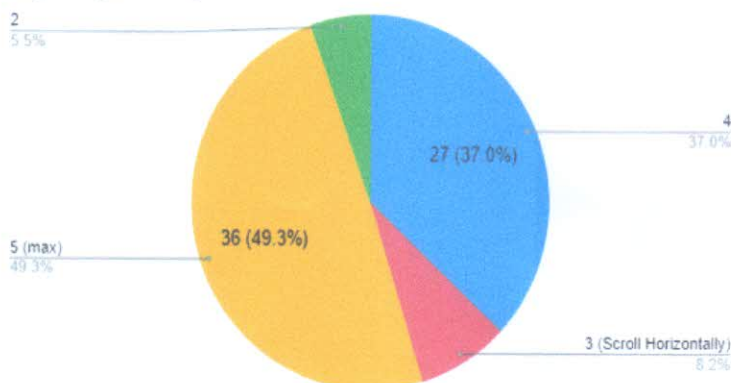
Score	No. of students	%
1-can't say	1	1.4
2-least relevant	4	6.8
3- moderately relevant	14	19.2
4- Relevant	23	31.4
5 – strongly Relevant	31	45.5
total	73	100

[PO4: Design IT System, components, Process to meet specified needs with appropriate attention to health and Safet...]



Score	No. of students	%
1-can't say	0	0
2-least relevant	3	5.5
3- moderately relevant	4	8.2
4- Relevant	27	37.0
5 – strongly Relevant	36	49.3
total	73	100

[PO5: Create, select and apply appropriate techniques, resources and advanced Engineering software using modern tools and design for Information Technology Engineering Problems.]





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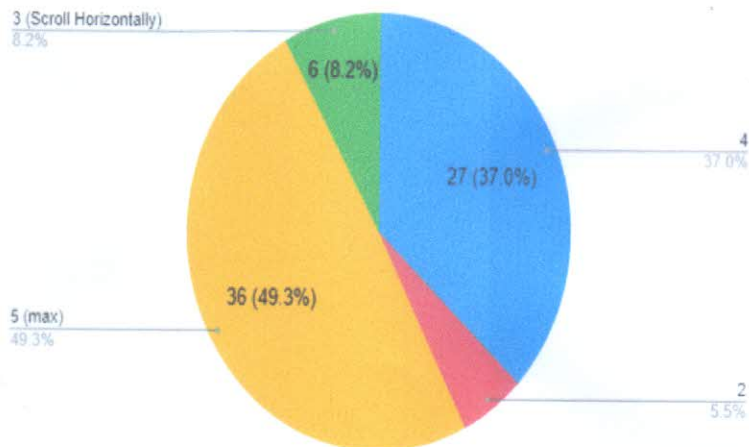
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Score	No. of students	%
1-can't say	0	0
2-least relevant	3	5.5
3- moderately relevant	4	8.2
4- Relevant	27	37.0
5 – strongly Relevant	36	49.3
total	73	100

[PO6: Understand the Impact of Information Technology solution on society and environment for Sustainable development.]

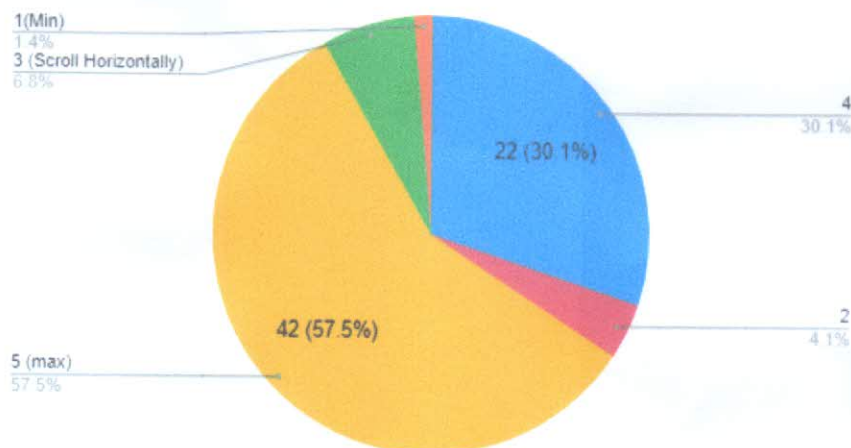
3 (Scroll Horizontally)
8.2%



Score	No. of students	%
1-can't say	0	0
2-least relevant	3	5.5
3- moderately relevant	4	8.2
4- Relevant	27	37.0
5 – strongly Relevant	36	49.3
total	73	100

[PO7: Understand Societal, health, Safety, cultural, Legal issues and Responsibilities relevant to Engineering Profession.]

1 (Min)
1.4%
3 (Scroll Horizontally)
6.8%





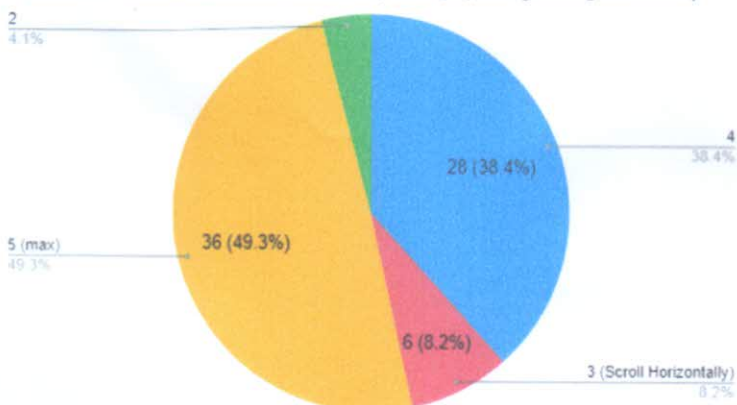
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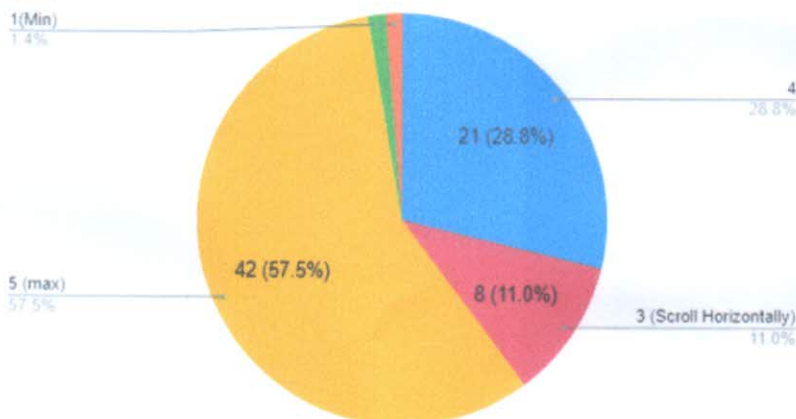
[PO8: Apply Professional ethics, accountability and equity in Engineering Profession.]

Score	No. of students	%
1-can't say	0	0
2-least relevant	3	5.5
3- moderately relevant	4	8.2
4- Relevant	27	37.0
5 – strongly Relevant	36	49.3
total	73	100



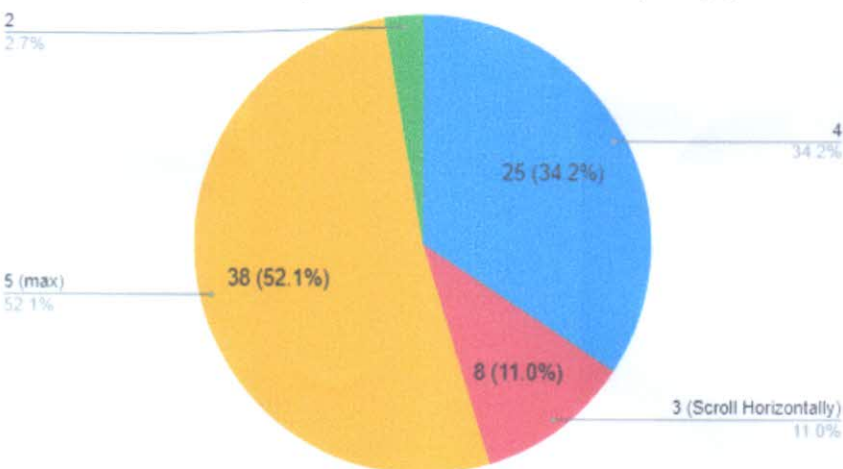
Score	No. of students	%
1-can't say	1	1.4
2-least relevant	1	1.4
3- moderately relevant	8	11.0
4- Relevant	21	28.0
5 – strongly Relevant	42	57.5
total	73	100

[PO9: Work Effectively as a member and leader in multidisciplinary team for a common goal.]



Score	No. of students	%
1-can't say	0	0
2-least relevant	2	2.7
3- moderately relevant	8	11.0
4- Relevant	25	34.2
5 – strongly Relevant	38	52.1
total	73	100

[PO10: Communicate Effectively within a Profession and with Society at large.]





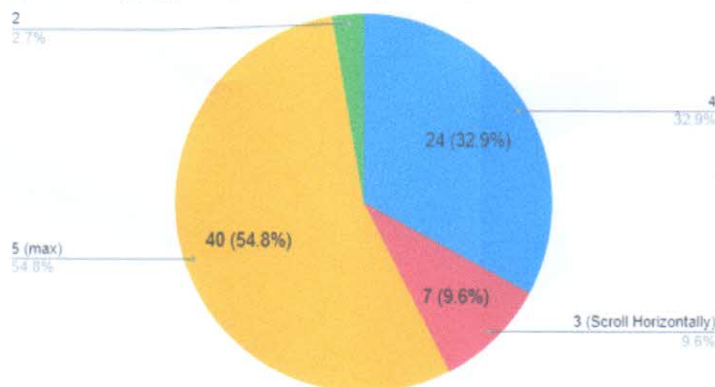
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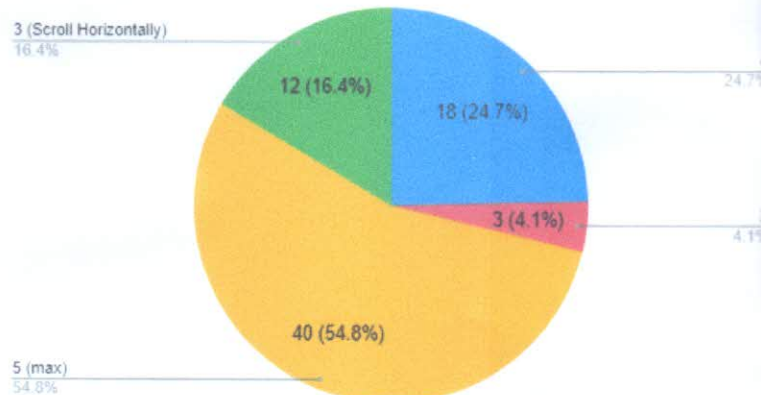
Score	No. of students	%
1-can't say	0	0
2-least relevant	2	2.7
3- moderately relevant	7	9.6
4- Relevant	24	32.9
5 – strongly Relevant	40	54.8
total	73	100

[PO11: Apply principles of Management.]



Score	No. of students	%
1-can't say	0	0
2-least relevant	3	4.1
3- moderately relevant	12	16.4
4- Relevant	18	24.7
5 – strongly Relevant	40	54.8
total	73	100

[PO12: Usefulness of Mathematics, Professional core and electives in competitive exams like DCET/Higher studies.]





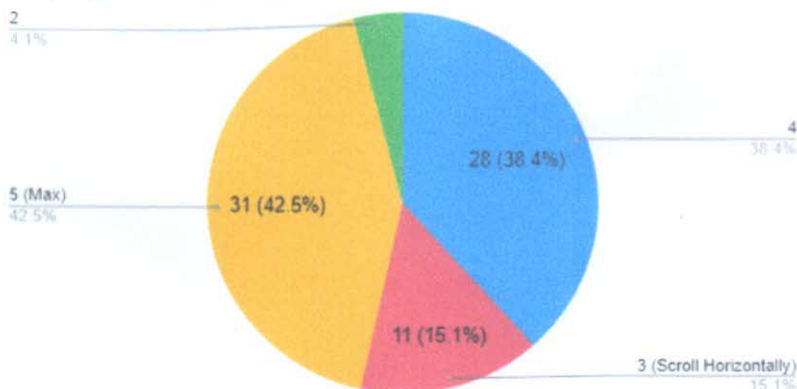
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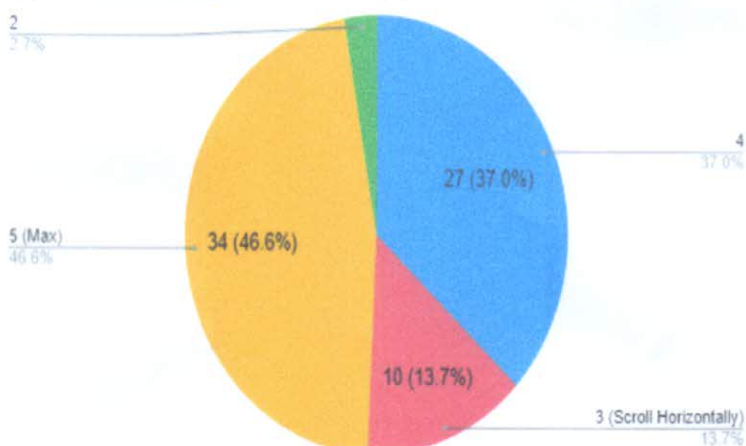
Score	No. of students	%
1-can't say	0	0
2-least relevant	3	4.1
3- moderately relevant	11	15.1
4- Relevant	28	38.4
5 – strongly Relevant	31	42.5
total	73	100

[PSO1: Are you able to Formulate and analyze complex engineering problems in Information Technology engineering (Networking/Big data/ Intelligent Systems/Cloud Computing/Real time systems).]



Score	No. of students	%
1-can't say	0	0
2-least relevant	3	2.7
3- moderately relevant	10	13.7
4- Relevant	27	37.0
5 – strongly Relevant	34	46.6
total	73	100

[PSO2: Are you able to plan and develop efficient, reliable, secure and customized application software using cost effective emerging software tools ethically.]



Handwritten signature of HoD, IT dept

HoD, IT dept

Department of
Information Technology

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Department of Information Technology
Academic Year: 2021-2022

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

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Information Technology


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