



SARASWATI Education Society's SARASWATI College of Engineering

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Kharghar, Navi Mumbai - 410 210.

Department of Information Technology

Academic year -2018-19(Odd)

Course Exit Analysis Report(SEM III)

Subject-Data Base Management System(DBMS)

Subject Teacher- Prof. Diksha Kumar

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	16
4-Partially	26	38
5-Completely	31	46
Total	68	100



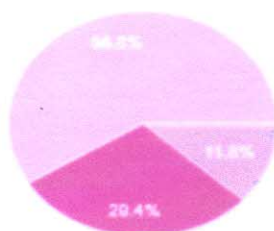
CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	16
4-Partially	28	41
5-Completely	29	43
Total	68	100



CO3: Will you be able to successfully apply principles of this subject to design a database?

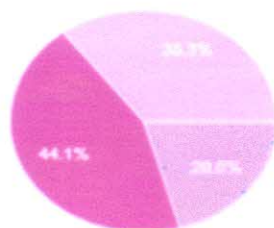
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	9	12
4-Partially	19	29
5-Completely	40	59
Total	68	100



● Neutral
● Partially
● Completely

CO4: Will you be able to use database tools to solve problems?

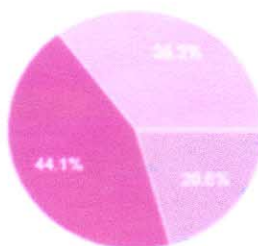
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	14	21
4-Partially	30	44
5-Completel y	24	35
Total	68	100



● Neutral
● Partially
● Completely

CO5: 5. Will you be able to normalize table to highest from?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	14	21
4-Partially	29	44
5-Completel y	25	35
Total	68	100



● Neutral
● Partially
● Completely

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Department of Information Technology

Academic year -2018-19(Odd)

Course Exit Analysis Report(SEM III)

Subject-Applied Mathematics III

Subject Teacher- Prof. Sayali Choudhary

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

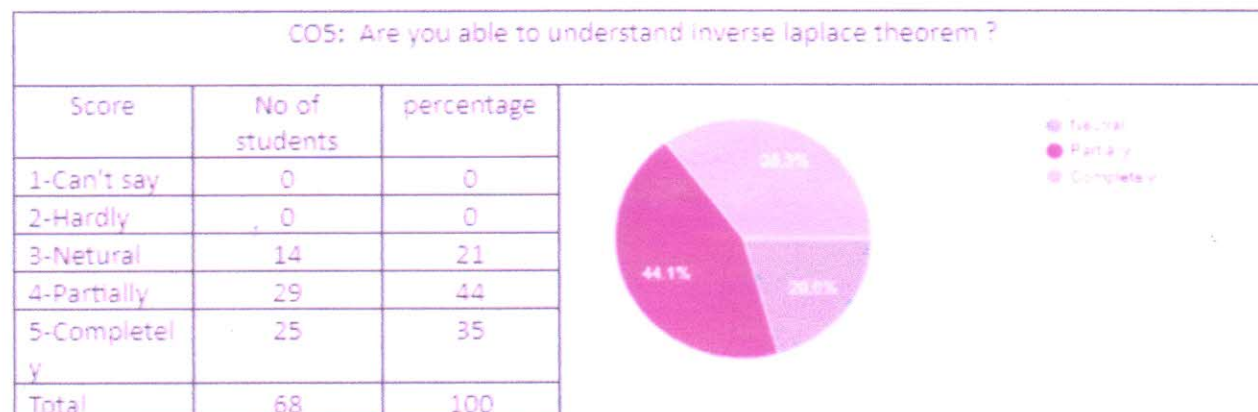
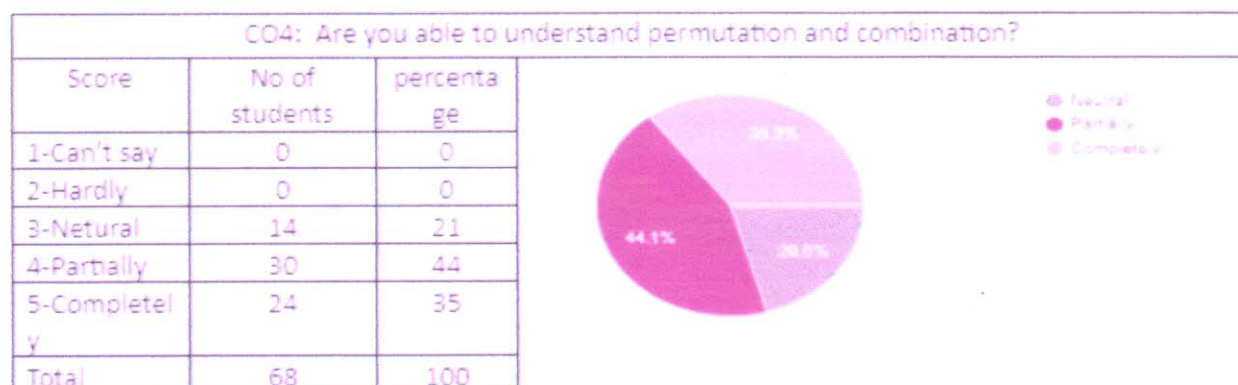
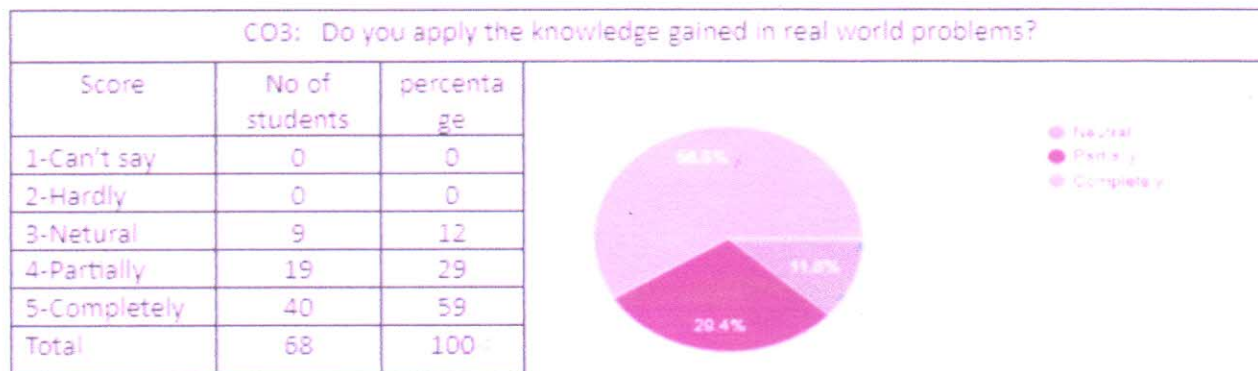
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	16
4-Partially	26	38
5-Completely	31	46
Total	68	100



CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	16
4-Partially	28	41
5-Completely	29	43
Total	68	100





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Academic year -2018-19(Odd)

Course Exit Analysis Report(SEM III)

Subject-Data Structures and Analysis(DSA)

Subject Teacher-Prof. Maahi Khemchandani

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	16
4-Partially	26	38
5-Completely	31	46
Total	68	100

On what scale, contents learned in practical hours are sufficient to understand course?



CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	16
4-Partially	28	41
5-Completely	29	43
Total	68	100

Are you interested to study advanced contents of this subject?



CO3: Have you understood various types of data structures with implementation of operations like insertion, deletion and traversing mechanism etc. on it?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Natural	9	12
4-Partially	19	29
5-Completely	40	59
Total	68	100

Have you understood various types of data structures with implementation of operations like insertion, deletion, and traversing mechanism etc. on it?



CO4: Are you able to select appropriate data structures and appropriate sorting/searching technique for given problem?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Natural	14	21
4-Partially	30	44
5-Completely	24	35
Total	68	100

Are you able to select appropriate data structures and appropriate sorting/searching technique for given problem?



CO5: Are you able to determine and analyze the complexity of given algorithms?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Natural	14	21
4-Partially	29	44
5-Completely	25	35
Total	68	100

Are you able to determine and analyze the complexity of given Algorithms

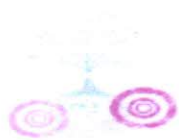


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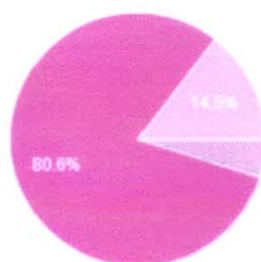
Course Exit Analysis Report(SEM III)

Subject-Logic Design

Subject Teacher- Prof. Shraddha Subedhar

CO1: On what scale, contents learned in practical/Theory hours are sufficient to understand course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	3	4
4-Sufficient	50	81
5-Absolutely sufficient	9	15
Total	62	100



● Insufficient
● Sufficient
● Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	5	8
4-Sufficient	31	50
5-Absolutely sufficient	26	42
Total	62	100

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

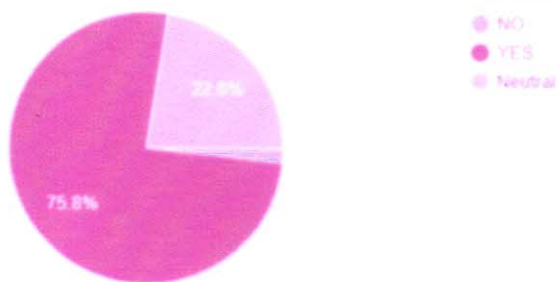
62 responses



● No
● Yes
● Neutral

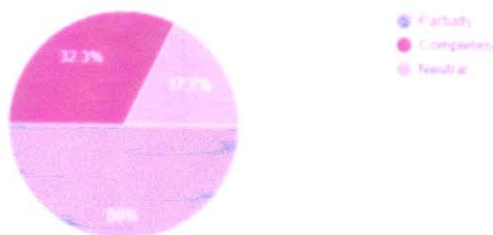
CO3: Are you able to different number systems as well as to realize the Boolean expression using logic gates

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	1	1
4-Sufficient	14	23
5-Absolutely sufficient	47	76
Total	62	100



CO4: On what scale contents in theory hours are sufficient to design combinational circuit, sequential circuit

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	31	50
4-Sufficient	11	18
5-Absolutely sufficient	20	32
Total	62	100



CO5: On what scale, you are able to translate given problem statement into digital logic formulations using VHDL?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	5	8
4-Sufficient	25	40
5-Absolutely sufficient	32	52
Total	62	100



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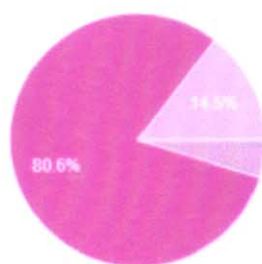
Course Exit Analysis Report(SEM III)

Subject-Principle of Communications

Subject Teacher-Prof. Anuradha Dandwate

CO1: On what scale, contents learned in practical/Theory hours are sufficient to understand course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	3	4
4-Sufficient	50	81
5-Absolutely sufficient	9	15
Total	62	100



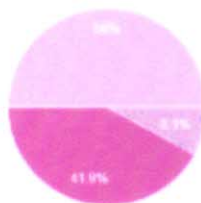
● Insufficient
● Sufficient
● Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?


Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	5	8
4-Sufficient	31	50
5-Absolutely sufficient	26	42
Total	62	100

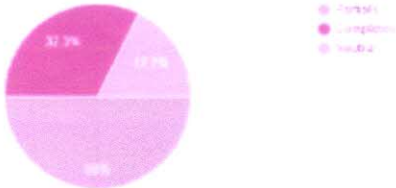
2 Are you interested to study advanced contents of this subject?


62 responses



● No
● Yes
● Neutral

CO3: Are you able to differentiate analog and digital communication systems?			3. Are you able to differentiate analog and digital communication systems? 62 responses
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Insufficient	1	1	
4-Sufficient	14	23	
5-Absolutely sufficient	47	76	
Total	62	100	

CO4: Are you able to design generation and degeneration AM, DSB, SSB, FM transmitter and receiver?			4. Are you able to design generation and degeneration AM, DSB, SSB, FM transmitter and receiver? 62 responses
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Insufficient	31	50	
4-Sufficient	11	18	
5-Absolutely sufficient	20	32	
Total	62	100	

CO5: Can you explain different types of line coding techniques for generation and detection of signals?			5. Can you explain different types of line coding techniques for generation and detection of signals? 62 responses
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Insufficient	5	8	
4-Sufficient	25	40	
5-Absolutely sufficient	32	52	
Total	62	100	

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Academic year -2018-19(Odd)

Course Exit Analysis Report(SEM III)

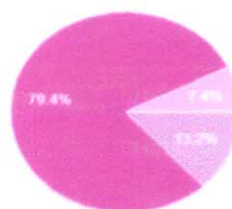
Subject-Java

Subject Teacher- Prof. Pragati P

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	9	13
4-Sufficient	54	80
5-Absolutely sufficient	5	7
Total	68	100

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

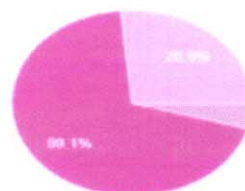


● Insufficient
● Sufficient
● Absolutely Sufficient


CO2: Are you interested to study advanced contents of this subject?

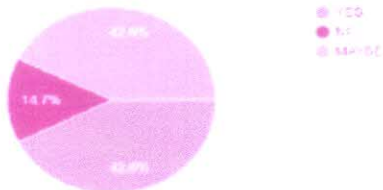
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	3	4
4-Sufficient	18	27
5-Absolutely sufficient	47	69
Total	68	100


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



● Insufficient
● Sufficient
● Absolutely Sufficient

CO3: Do you believe that OOPS concepts are useful for developing skills of logic building activity?			<p>3. Do you believe that OOPS concepts are useful for developing skills of logic building activity ?</p> 
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Insufficient	4	6	
4-Sufficient	32	47	
5-Absolutely sufficient	32	47	
Total	68	100	

CO4: Can you demonstrate reusability using inheritance, interfaces and packages for faster application development?			<p>4. Can you demonstrate reusability using inheritance, interfaces and packages for faster application development ?</p> 
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Insufficient	10	14	
4-Sufficient	29	43	
5-Absolutely sufficient	29	43	
Total	68	100	

CO5: Can you able to design GUI in java using Applet and AWT along with response to events?			<p>5. Can you able to design GUI in java using Applet and AWT along with response to events.</p> 
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Insufficient	7	10	
4-Sufficient	24	36	
5-Absolutely sufficient	36	54	
Total	67	100	

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Department of Information Technology
Action taken based on Feedback from Students(CO & PO)
Academic Year 2018-19(ODD SEM)

Summary of Feedback-Semester 3

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

- More practice for Mathematics III
- Need more practical sessions for better understanding
- Experts talks on selected topics
- Awareness should be conducted about the technologies

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

Sr No.	Feedback Suggestions	Action taken	Date
1	Latest technologies in industries	Workshop on Wordpress	9/6/2018
2	More practice needed for M III	Extra classes were taken for AM IV to practice problems	As Required
3	Database programming needed	Database Programming with JDBC is conducted https://www.youtube.com/watch?v=ni1PiUgKLE	As Required


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Academic Year: 2018 – 2019 (Even)

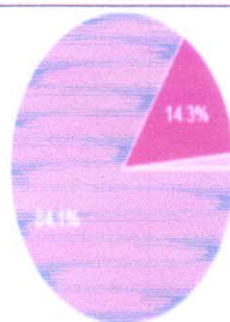
Course Exit Analysis Report (Sem IV)

Subject – Computer Network

Subject Teacher – Prof. Vaishali Jadhav

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

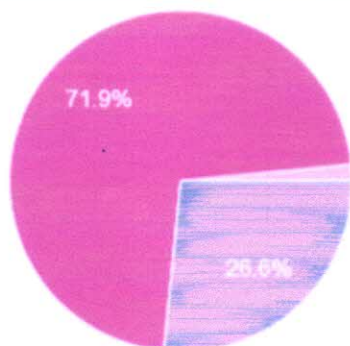
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	3	2
4.Mostly	8	14
5.Definetly	52	84
Total	63	100



● Sufficient
● Insufficient
● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

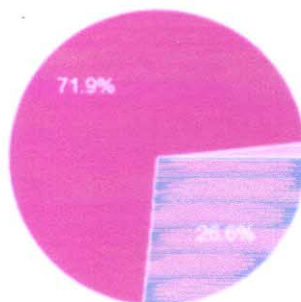
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	3	3
4.Mostly	16	26
5.Definetly	44	71
Total	63	100



● Fully
● Partially
● No

CO3: Are you able to illustrate the function of tcp/ip communication model?

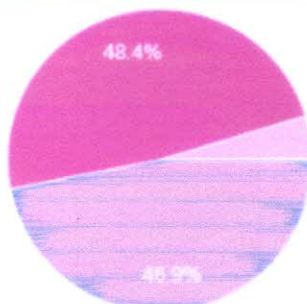
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	02	3
4.Mostly	16	26
5.Definetly	45	71
Total	63	100



● Fully
 ● Partially
 ● No

CO4: Do yo able to solve ip address assign problem?

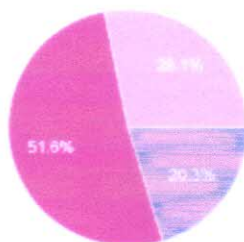
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	3	3
4.Mostly	30	48
5.Definetly	30	49
Total	63	100



● Yes
 ● Partially
 ● No

CO5: Have you able to design small LAN network?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	13	20
4.Mostly	18	28
5.Definetly	32	51
Total	63	100



● Yes
 ● Partially
 ● No

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Academic Year : 2018 – 2019 (Even)

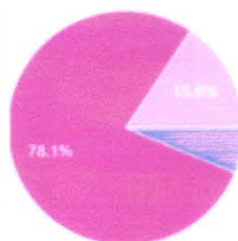
Course Exit Analysis Report (Sem IV)

Subject – Engineering Mathematics

Subject Teacher – Prof. Vasudev Nazirkar

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

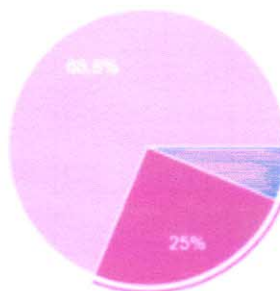
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	5	7
4. Mostly	9	15
5. Definetly	49	78
Total	63	100



Insufficient
 Sufficient
 Absolutely sufficient

CO2: Understanding the concept of complex integration for evaluating integrals, computing residues and evaluating various contour integrals?

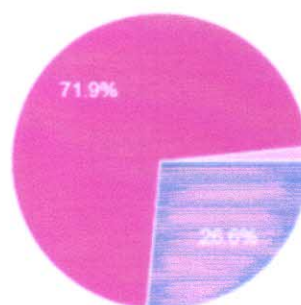
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	6	7
4. Mostly	15	25
5. Definetly	42	68
Total	63	100



No
 Neutral
 Yes

CO3: Apply the concept of z transform and its inverse in engineering problems?

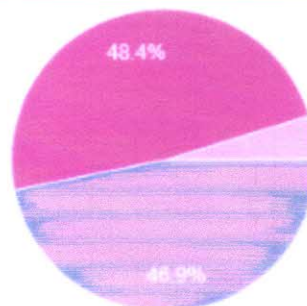
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	02	3
4. Mostly	16	26
5. Definetly	45	71
Total	63	100



● Fully
● Partially
● No

CO4: Apply the concept of probability distribution to engineering problems and testing hypothesis of small samples?

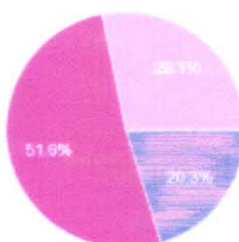
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	3	3
4. Mostly	30	48
5. Definetly	30	49
Total	63	100



● Yes
● Partially
● No

CO5: Apply the concept of linear programming to solve the optimization problems?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	13	20
4. Mostly	18	28
5. Definetly	32	51
Total	63	100



● Yes
● Partially
● No

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Academic Year : 2018 – 2019 (Even)

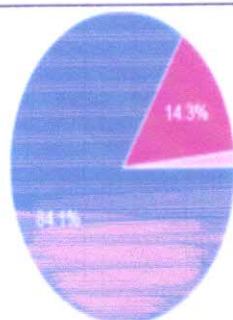
Course Exit Analysis Report (Sem IV)

Subject – Operating System

Subject Teacher – Prof. Snehal Lohi

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	3	2
4.Mostly	8	14
5.Definetly	52	84
Total	63	100



● Sufficient
 ● Insufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

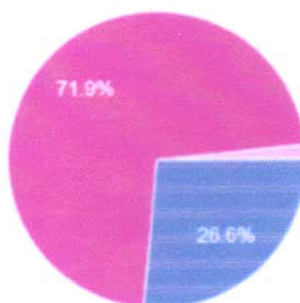
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	3	3
4.Mostly	16	26
5.Definetly	44	71
Total	63	100



● Fully
 ● Partially
 ● No

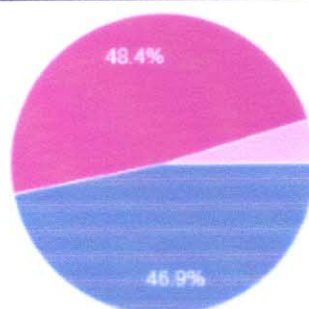
CO3: Can you explain and apply synchronization primitives and evaluate deadlock condition handled by operating system?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	02	3
4. Mostly	16	26
5. Definetly	45	71
Total	63	100



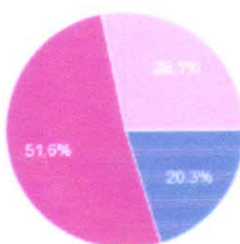
CO4: Can you analyze memory allocation?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	3	3
4. Mostly	30	48
5. Definetly	30	49
Total	63	100



CO5: Have you able to evaluated services provided by operating system for storage management?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	13	20
4. Mostly	18	28
5. Definetly	32	51
Total	63	100



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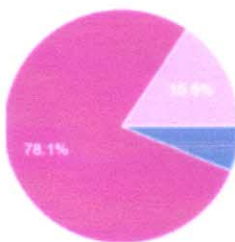
Academic Year: 2018 – 2019 (Even)

Course Exit Analysis Report (Sem IV)

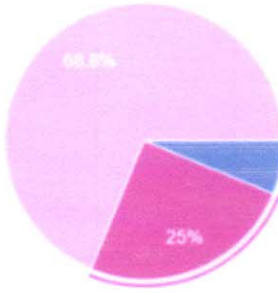
Subject – COA

Subject Teacher – Prof. Anuradha Dandwate

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

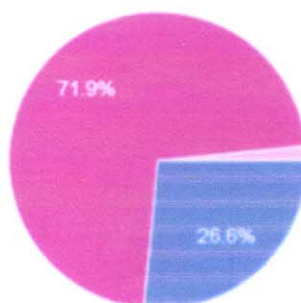
Score	Number of students	Percentage	 <ul style="list-style-type: none"> Insufficient Sufficient Absolutely sufficient
1. Cant say	0	0	
2. Hardly	0	0	
3.Moderate	5	7	
4.Mostly	9	15	
5.Definetly	49	78	
Total	63	100	

CO2: Are you interested to study advanced contents of the subjects?

Score	Number of students	Percentage	 <ul style="list-style-type: none"> No Neutral Yes
1. Cant say	0	0	
2. Hardly	0	0	
3.Moderate	6	7	
4.Mostly	15	25	
5.Definetly	42	68	
Total	63	100	

CO3: Do you believe to able the gained is applied to industry?

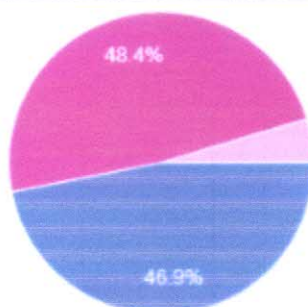
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	02	3
4.Mostly	16	26
5.Definetly	45	71
Total	63	100



● Fully
● Partially
● No

CO4: Do yo have knowledge about hardware used in your lab?

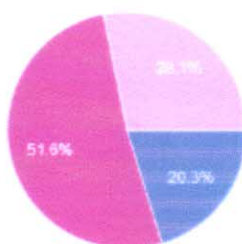
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	3	3
4.Mostly	30	48
5.Definetly	30	49
Total	63	100



● Yes
● Partially
● No

CO5: Have you able to circuit design using gained knowledge?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	13	20
4.Mostly	18	28
5.Definetly	32	51
Total	63	100



● Yes
● Partially
● No

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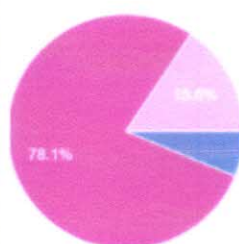
Course Exit Analysis Report (Sem IV)

Subject – Automata Theory

Subject Teacher – Prof. Maahi Khemchandani

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

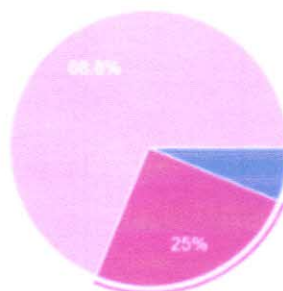
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	5	7
4.Mostly	9	15
5.Definetly	49	78
Total	63	100



● Insufficient
 ● Sufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

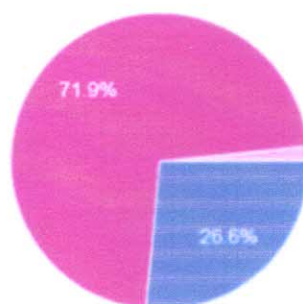
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	6	7
4.Mostly	15	25
5.Definetly	42	68
Total	63	100



● No
 ● Neutral
 ● Yes

CO3: Will you able to design finite automata, push down automata, turning machine?

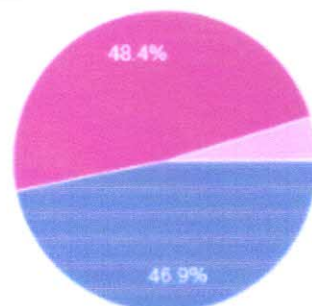
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	02	3
4. Mostly	16	26
5. Definetly	45	71
Total	63	100



● Fully
● Partially
● No

CO4: Are you able to construct and analyze regular and context free languages, expression and grammer?

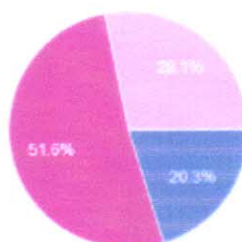
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	3	3
4. Mostly	30	48
5. Definetly	30	49
Total	63	100



● Yes
● Partially
● No

CO5: Will you able to convert automata into program and function?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	13	20
4. Mostly	18	28
5. Definetly	32	51
Total	63	100



● Yes
● Partially
● No

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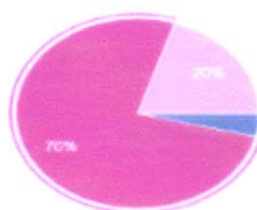
Course Exit Analysis Report(SEM V)

Subject-Computer and Network Security(CNS)

Subject Teacher-Prof. Kavita Borse

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

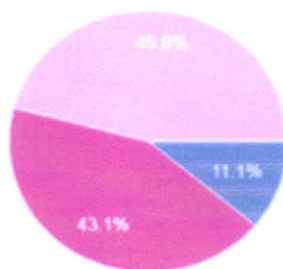
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	4	4
4-Partially	14	20
5-Completely	54	76
Total	72	100



Insufficient
Sufficient
Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

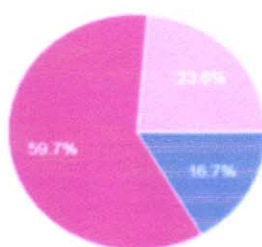
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	8	11
4-Partially	31	43
5-Completely	33	46
Total	72	100



No
Neutral
Yes

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

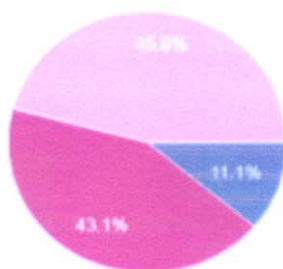
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	11	16
4-Partially	43	60
5-Completely	18	24
Total	72	100



● Rarely
● Sometimes
● Absolutely

CO4: Are you able to understand different threats, attacks, vulnerabilities with user authentication and different types of it?

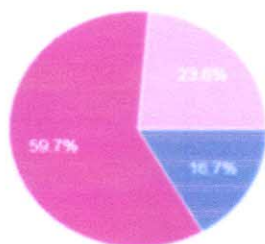
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	8	11
4-Partially	31	43
5-Completely	33	46
Total	72	100



● No
● Neutral
● Yes

CO5: Have you understood different types of attacks on network layer and how firewall and IDS used to prevent these attack?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	11	16
4-Partially	43	60
5-Completely	18	24
Total	72	100



● Rarely
● Sometimes
● Absolutely

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DEPARTMENT OF INFORMATION TECHNOLOGY

Action taken based on feedback from students

Academic Year 2018-19 Even

Summary of feedback (Semester 4):

Feedback collection through course exists were analyzed and necessary actions were planned for effective teaching. Abstract of suggestions obtained from the stake holders to enhance the employability of the students discussed below.

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

Action Taken:

Based on suggestions, various events are organized events are selected such that it will be beneficial for their career. Details are given in following table.

Sr. No.	Program	Course	Feedback /Suggestions	Action Taken with supporting document	Date
1	IT	COA	Booth's Algorithm for multiplication	https://www.youtube.com/watch?v=cWfaw7b3jKY	As required
2	IT	OS	Numericals on Scheduling Algorithm	Extra classes taken	As required

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Academic year -2018-19(Odd)

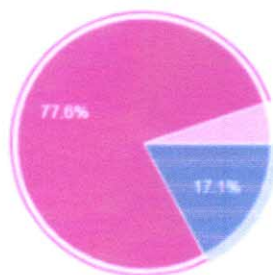
Course Exit Analysis Report(SEM V)

Subject-E-commerce(ECOM)

Subject Teacher- Prof. Kirti M

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

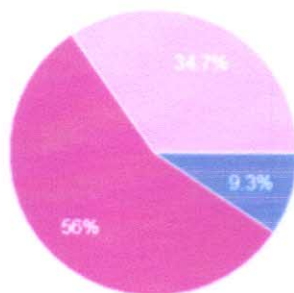
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	13	17
4-Sufficient	59	78
5-Absolutely sufficient	4	5
Total	76	100



● Insufficient
 ● Sufficient
 ● Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

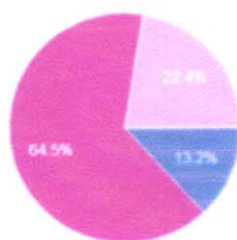
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	7	9
4-Partially	26	35
5-Completely	43	56
Total	76	100



● NO
 ● YES
 ● Neutral

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

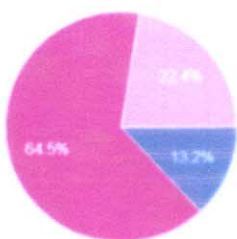
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	10	13
4-Partially	50	65
5-Completely	16	22
Total	76	100



● Rarely
● Sometime
● Frequently

CO4: Did you understand the type of Ecommerce?

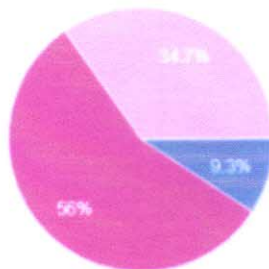
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	10	13
4-Partially	50	65
5-Completely	16	22
Total	76	100



● Rarely
● Sometime
● Frequently

CO5: Can you find the difference between e-commerce and e-business?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	7	9
4-Partially	26	35
5-Completely	43	56
Total	76	100



● NO
● YES
● Neutral

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Academic year -2018-19(Odd)

Course Exit Analysis Report(SEM V)

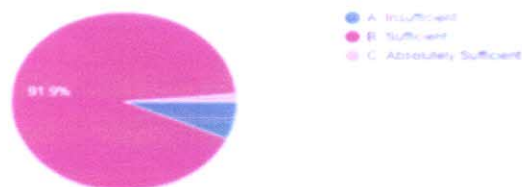
Subject-Advanced Database Management System(ADMT)

Subject Teacher-Prof. Pragati P

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	1	1
4-Sufficient	67	91
5-Absolutely sufficient	6	9
Total	74	100

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



CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	9	12
4-Partially	41	55
5-Completely	24	33
Total	74	100

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



CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	9	12
4-Partially	55	74
5-Completely	10	14
Total	74	100

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

Response



A. Hardly
 B. Sometime
 C. Frequently

CO4: Have you understood concept of real life applications integrated with database systems?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	1	1
4-Partially	34	46
5-Completely	39	53
Total	74	100

4. Have you understood concept of real life applications integrated with database systems?

Response



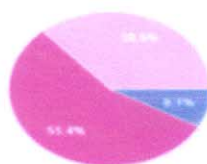
A. No
 B. Partially
 C. Yes

CO5: Have you understood the importance of enterprise data?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	6	8
4-Partially	41	55
5-Completely	27	37
Total	74	100

5. Have you understood the importance of enterprise data?

Response



A. No
 B. Partially
 C. Yes

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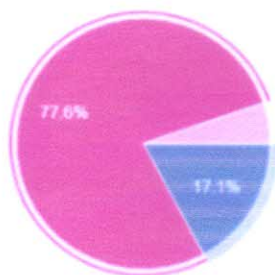
Course Exit Analysis Report(SEM V)

Subject-Internet Programming(IP)

Subject Teacher-Prof. Pranal Kakde

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

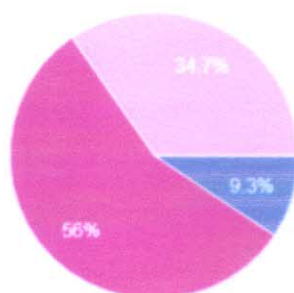
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	13	17
4-Sufficient	59	78
5-Absolutely sufficient	4	5
Total	76	100



● Insufficient
 ● Sufficient
 ● Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

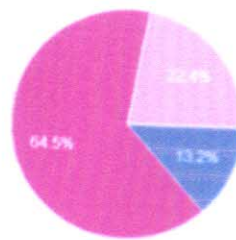
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	7	9
4-Partially	26	35
5-Completely	43	56
Total	76	100



● NO
 ● YES
 ● Neutral

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

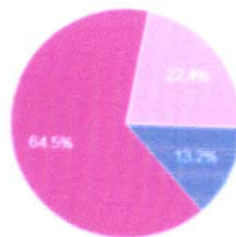
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	10	13
4-Partially	50	65
5-Completely	16	22
Total	76	100



● Rarely
● Sometime
● Frequently

CO4: Do you have knowledge about internet, web services, client side programming and server side programming?

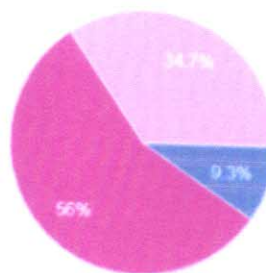
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	10	13
4-Partially	50	65
5-Completely	16	22
Total	76	100



● Rarely
● Sometime
● Frequently

CO5: Are you able to design responsive and interactive web pages using HTML, CSS and Java script?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	7	9
4-Partially	26	35
5-Completely	43	56
Total	76	100



● NO
● YES
● Neutral

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Academic year -2018-19(Odd)

Course Exit Analysis Report(SEM V)

Subject-Microcontroller and Embedded Programming(MEP)

Subject Teacher-Prof. Anuradha Dandwate

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	9	10
4-Sufficient	60	84
5-Absolutely sufficient	3	6
Total	72	100

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



CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	13	18
4-Partially	23	32
5-Completely	36	50
Total	72	100

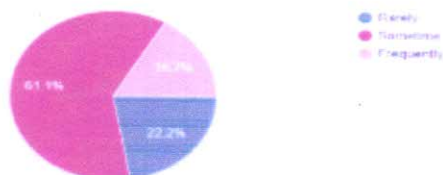
2. Are you interested to study advanced contents of this subject?



CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	16	22
4-Partially	45	62
5-Completely	11	16
Total	72	100

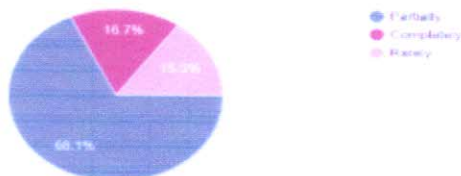
3. Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?



CO4: Do you believe you will be able to do interfacing for 8051 microcontroller?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	15
4-Partially	49	68
5-Completel y	12	17
Total	72	100

4. Do you believe you will be able to do interfacing for 8051 microcontroller?



CO5: Can you demonstrate the open source RTOS and solve the design issues for the same?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	12	17
4-Partially	42	59
5-Completel y	18	24
Total	72	100

5. Can you demonstrate the open source RTOS and solve the design issues for the same?



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Action taken based on Feedback from Students(CO & PO)

Academic Year 2018-19(ODD SEM)

Summary of Feedback-Semester 5

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

- Need sessions for better understanding about new concepts
- Experts talks on selected topics
- Awareness should be conducted about the technologies

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

Sr No.	Feedback / Suggestions	Action taken	Date
1	Latest technologies in industries	Workshop on Wordpress	9/6/2018
2	Expert talk on selected topic	Seminar on Angular	16/8/2018
3	Information on Web Analytics	Provided as Content beyond syllabus	As requirement


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Academic Year : 2018 – 2019 (Even)

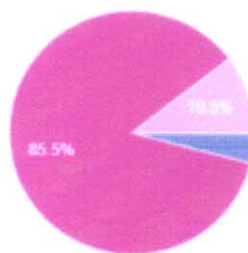
Course Exit Analysis Report (Sem VI)

Subject – Advance Internet Programming

Subject Teacher – Prof. Pranal Kakde

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

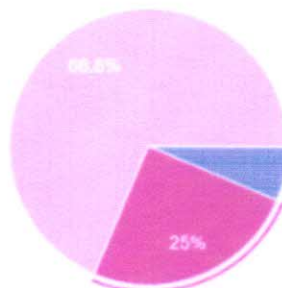
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	5	5
4.Mostly	7	10
5.Definetly	64	85
Total	76	100



● Insufficient
 ● Sufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

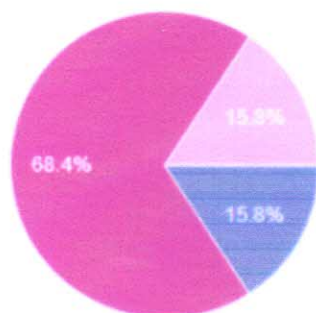
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	6	7
4.Mostly	15	25
5.Definetly	42	68
Total	63	100



● No
 ● Neutral
 ● Yes

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

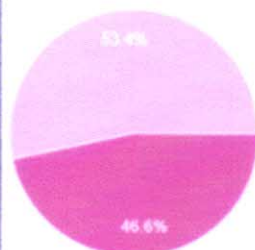
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	14	15
4. Mostly	11	15
5. Definetly	51	68
Total	76	100



● Rarely
● Sometime
● Frequently

CO4: Do you able to understand different internet programming?

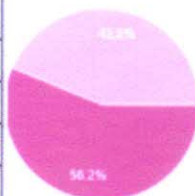
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	34	46
5. Definetly	40	53
Total	76	100



● DF-Not MMD-No
● DF-Neutral/MMD-frequently
● DF-Yes/MMD-sometimes

CO5: Will you able create real time project based on AIT?

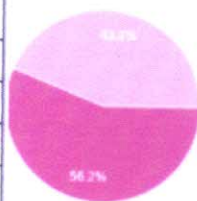
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	32	43
5. Definetly	42	56
Total	76	100



● DF-Not MMD-No
● DF-Neutral/MMD-frequently
● DF-Yes/MMD-yes

CO6: Do you think syllabus needs revision?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	32	43
5. Definetly	42	56
Total	76	100



● DF-Yes KMD-No
 ● DF-Yes KMD-yes
 ● DF-Yes KMD-yes

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Department of Information Technology

Academic Year : 2018 – 2019 (Even)

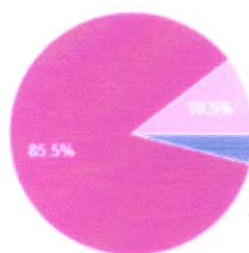
Course Exit Analysis Report (Sem VI)

Subject – Cloud Computing & Services

Subject Teacher – Prof. Vrushali Thakur

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

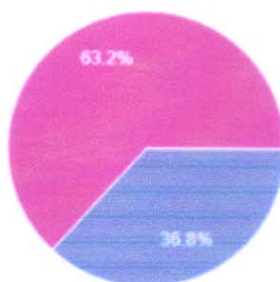
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	5	5
4.Mostly	7	10
5.Definetly	64	85
Total	76	100



● Insufficient
● Sufficient
● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

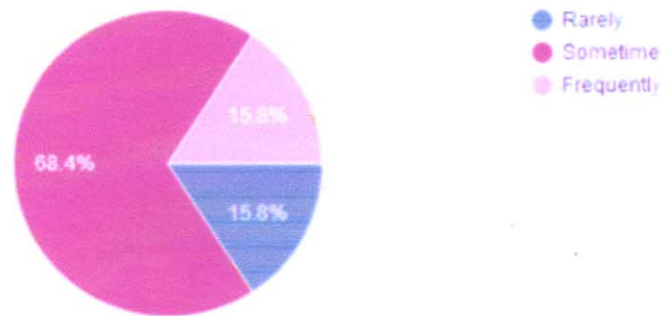
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	2	1
4.Mostly	27	36
5.Definetly	47	63
Total	76	100



● No
● Yes

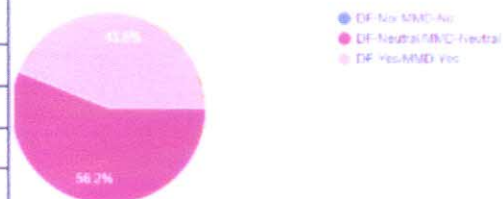
CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	14	15
4.Mostly	11	15
5.Definetly	51	68
Total	76	100



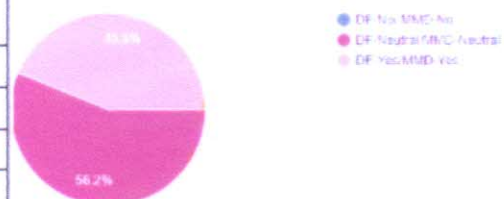
CO4: Will you able to implement cloud architecture?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	2	1
4.Mostly	32	43
5.Definetly	42	56
Total	76	100



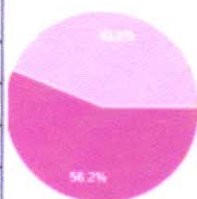
CO5: Will you able to understand security related issues of cloud ?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	2	1
4.Mostly	32	43
5.Definetly	42	56
Total	76	100



CO6: Do you think syllabus needs revision ?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	32	43
5. Definetly	42	56
Total	76	100



● DF-No MNC-No
 ● DF-Need MNC/Needful
 ● DF-Yes MNC-Yes

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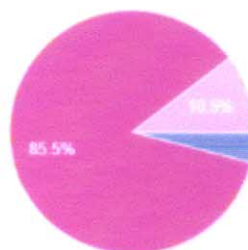
Course Exit Analysis Report (Sem VI)

Subject – Data Mining & Business Intelligence

Subject Teacher – Prof. Pragati Pejlekar

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

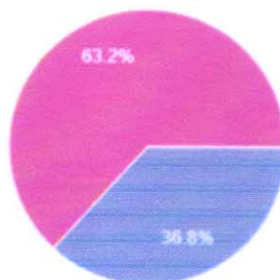
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	5	5
4. Mostly	7	10
5. Definetly	64	85
Total	76	100



● Insufficient
 ● Sufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

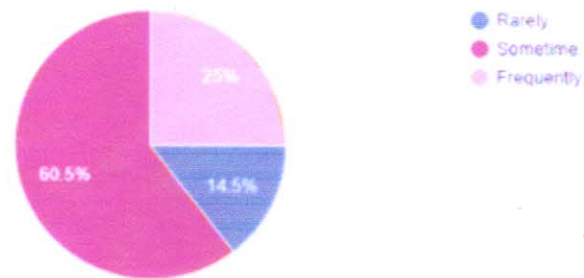
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	27	36
5. Definetly	47	63
Total	76	100



● No
 ● Yes

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	12	14
4.Mostly	19	25
5.Definetly	45	60
Total	76	100



CO4: Are you able to apply proper algorithms for specific application?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	2	1
4.Mostly	34	46
5.Definetly	40	53
Total	76	100



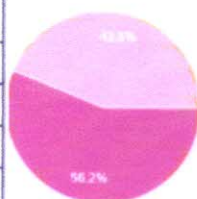
CO5: BI and DSS are useful tools in data mining?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	2	1
4.Mostly	32	43
5.Definetly	42	56
Total	76	100



CO6: Do you think syllabus needs revision?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	32	43
5. Definetly	42	56
Total	76	100



● DF-No, MMD-No
 ● DF-Yes, MMD-Yes
 ● DF-Yes, MMD-Yes

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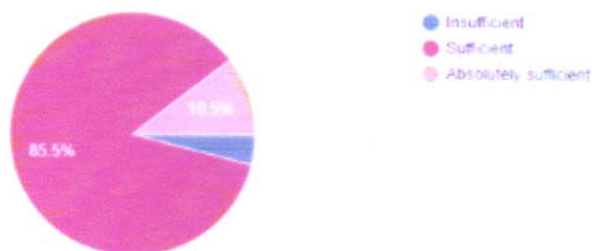
Course Exit Analysis Report (Sem VI)

Subject – Software Engineering With Project Management

Subject Teacher – Prof. Kirti Marumkar

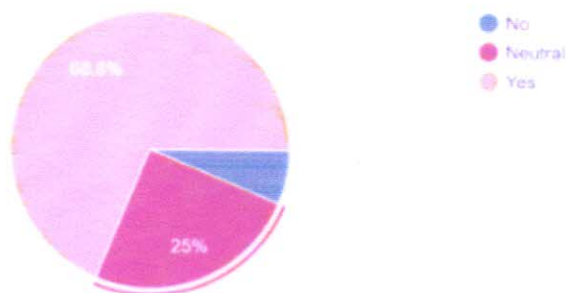
CO1: On what scale, contents learned in practical hours are sufficient to understand course?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	5	5
4. Mostly	7	10
5. Definetly	64	85
Total	76	100



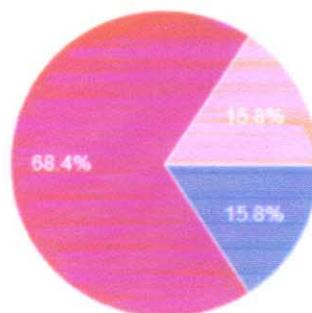
CO2: Are you interested to study advanced contents of the subjects?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	6	7
4. Mostly	15	25
5. Definetly	42	68
Total	63	100



CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

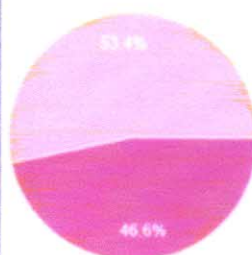
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	14	15
4. Mostly	11	15
5. Definetly	51	68
Total	76	100



● Rarely
● Sometime
● Frequently

CO4: Do you able to understand different types of model of sdlc?

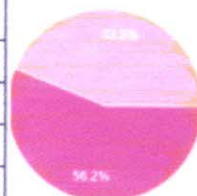
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	34	46
5. Definetly	40	53
Total	76	100



● DF-No/ MMD-No
● DF-Neutral/MMD-frequently
● DF-Yes/MMD-sometimes

CO5: Will you able to understand risk management related problems ?

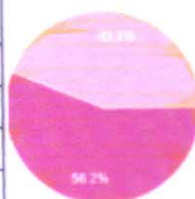
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	32	43
5. Definetly	42	56
Total	76	100



● DF-No/ MMD-No
● DF-Neutral/MMD-Neutral
● DF-Yes/MMD-yes

CO6: Do you think syllabus needs revision?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	1
4. Mostly	32	43
5. Definately	42	56
Total	76	100



● DF-Yes/SMO-No
 ● DF-Need at SMO/Definately
 ● DF-Yes/MOD-Yes

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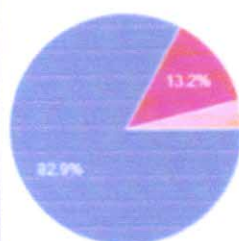
Course Exit Analysis Report (Sem VI)

Subject – WSN

Subject Teacher – Prof. Vaishali Jadhav

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

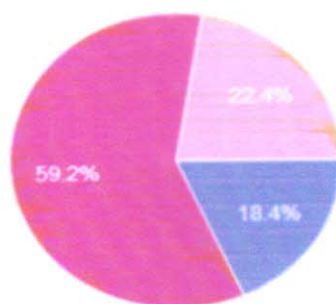
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	4	4
4. Mostly	8	13
5. Definetly	55	83
Total	76	100



● Sufficient
 ● Insufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

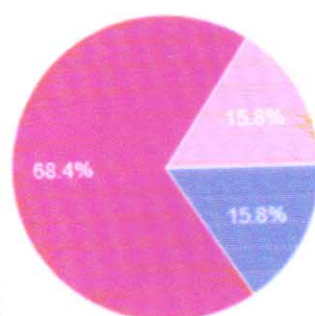
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	16	18
4. Mostly	16	22
5. Definetly	44	59
Total	76	100



● No
 ● Neutral
 ● Yes

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

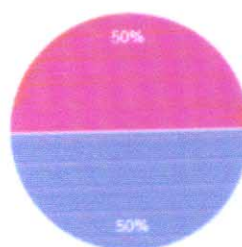
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	14	15
4. Mostly	11	15
5. Definetly	51	68
Total	76	100



● Rarely
● Sometime
● Frequently

CO4: Do you able to understand different types of wireless technologies?

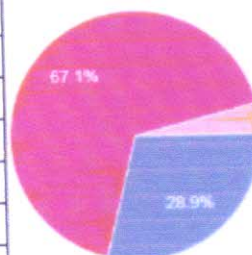
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	3	0
4. Mostly	38	50
5. Definetly	38	50
Total	76	100



● Yes
● Partially
● No

CO5: Will you able to understand cellular network design problem?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	5	5
4. Mostly	21	28
5. Definetly	50	67
Total	76	100



● Yes
● Partially
● No

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DEPARTMENT OF INFORMATION TECHNOLOGY

Action taken based on feedback from students

Academic Year 2018-19 (Even)

Summary of feedback (Semester 6):

Feedback collection through course exists were analyzed and necessary actions were planned for effective teaching. Abstract of suggestions obtained from the stake holders to enhance the employability of the students discussed below.

- More practice for programming subjects
- Practical based workshop.
- More awareness about the latest technologies and practice in industry
- Exposure to add on courses to boost practical based knowledge.
- Need animated videos for better understanding.
- NPTEL videos.
- Videos on time management by expert faculty

Action Taken :

Based on suggestions, various events are organized events are selected such that it will be beneficial for their career. Details are given in following table.

Sr. No.	Program	Course	Feedback/Suggestions	Action Taken with supporting document	Date
1	IT	DMBI	Big Data (contained beyond syllabus) as per students request	http://library.iitd.ac.in/arpit_2020-2021/Week%2010%20-%20Module%204%20-%20PPT-%20Big%20Data%20and%20Data%20Visualization.pdf	As required
2	IT	CC	Mobile Cloud Computing Architecture	https://www.youtube.com/watch?v=AeJGVq3ok	As required
3	IT	AIP	Few topics are difficult to understand	Extra lectures are provided	As required

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Academic year -2018-19(Odd)

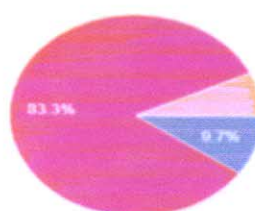
Course Exit Analysis Report (SEM VII)

Subject-Intelligent Systems (IS)

Subject Teacher-Prof. Praveen Shinde

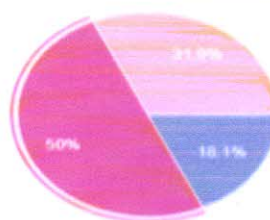
CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	9	10
4-Sufficient	60	84
5-Absolutely sufficient	3	6
Total	72	100



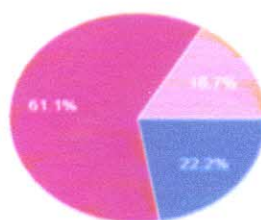
CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	13	18
4-Partially	23	32
5-Completely	36	50
Total	72	100



CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

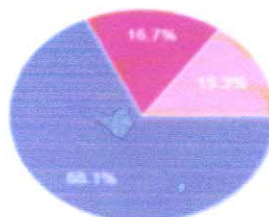
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	16	22
4-Partially	45	62
5-Completely	11	16
Total	72	100



● Rarely
● Sometime
● Frequently

CO4: Do you believe you will be able to analyze and formalize the problem and select appropriate search method?

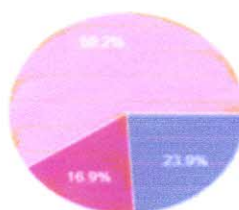
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	15
4-Partially	49	68
5-Completel y	12	17
Total	72	100



● Partially
● Completely
● Rarely

CO5: Can you demonstrate simple intelligent systems or classical toy problems using different AI techniques?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	12	17
4-Partially	42	59
5-Completel y	18	24
Total	72	100



● YES
● NO
● MAYBE

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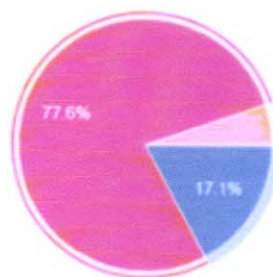
Course Exit Analysis Report (SEM VII)

Subject-Software Project Management (SPM)

Subject Teacher-Prof. Sanjay Jadhav

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

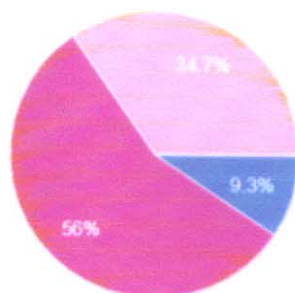
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	13	17
4-Sufficient	59	78
5-Absolutely sufficient	4	5
Total	76	100



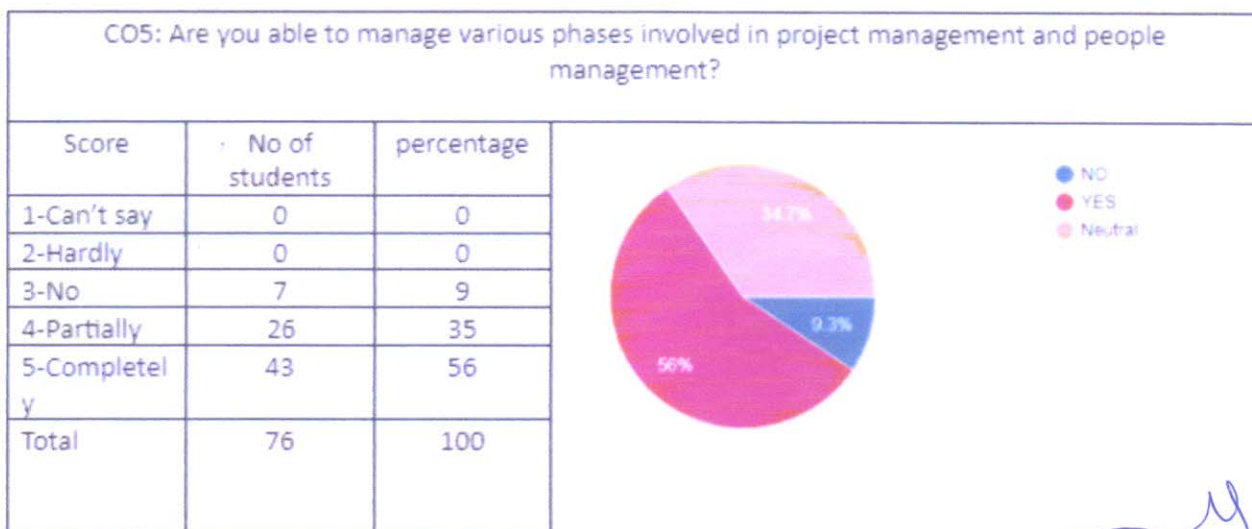
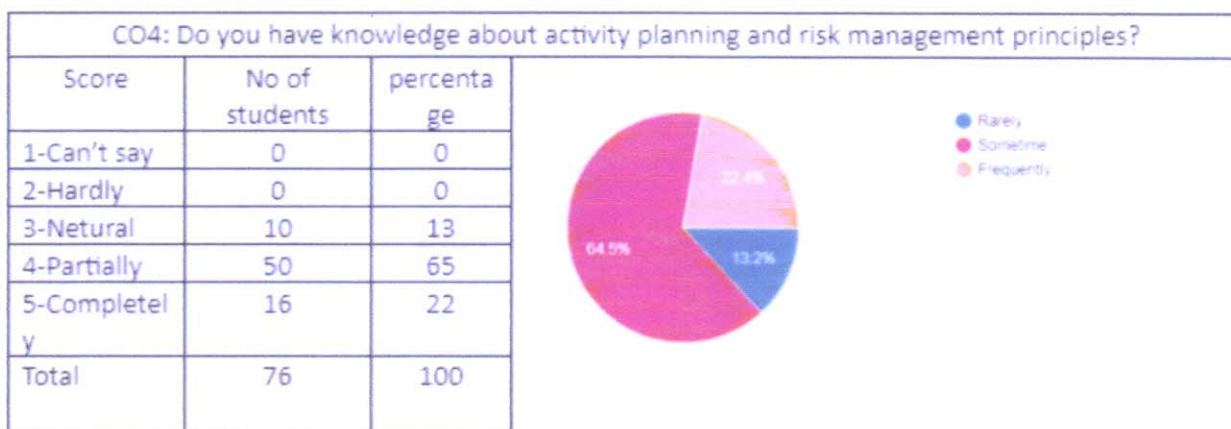
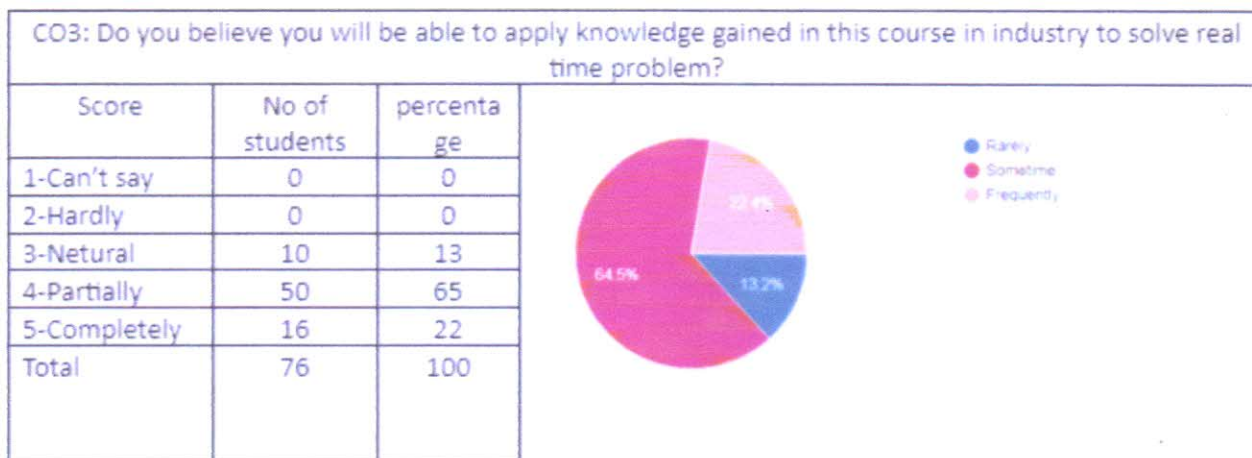
Insufficient
 Sufficient
 Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	7	9
4-Partially	26	35
5-Completely	43	56
Total	76	100



NO
 YES
 Neutral



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Kharghar, Navi Mumbai - 410 210.

Department of Information Technology

Academic year -2018-19(Odd)

Course Exit Analysis Report (SEM VII)

Subject-Cloud Computing (CC)

Subject Teacher-Prof. Vrushali Thakur

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	3	4
4-Sufficient	57	76
5-Absolutely sufficient	15	20
Total	75	100

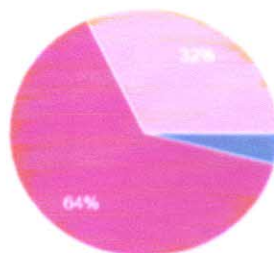
1. On what scale, contents learned in practical hours are sufficient to understand course?



● Insufficient
● Sufficient
● Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

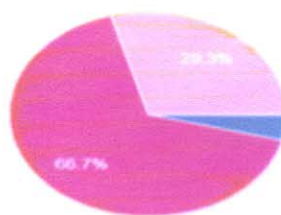
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	3	4
4-Partially	48	64
5-Completely	24	32
Total	75	100



● No
● Neutral
● Yes

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

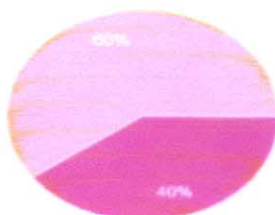
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	3	4
4-Partially	50	67
5-Completely	22	29
Total	75	100



● Rarely
● Sometimes
● Frequently

CO4: Are you able to understand basic concepts of cloud computing?

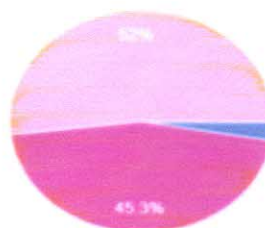
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	0	0
4-Partially	30	40
5-Completely	45	60
Total	75	100



● No
● Neutral
● Yes

CO5: Are you able to define risk, challenges, AAA and security for cloud computing?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	2	3
4-Partially	34	45
5-Completely	39	52
Total	75	100



● No
● Maybe
● Yes

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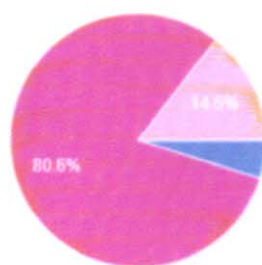
Course Exit Analysis Report(SEM VII)

Subject-Wireless Technology(WT)

Subject Teacher- Prof. Vaishali Jadhav

CO1: On what scale, contents learned in practical/Theory hours are sufficient to understand course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	3	4
4-Sufficient	50	81
5-Absolutely sufficient	9	15
Total	62	100



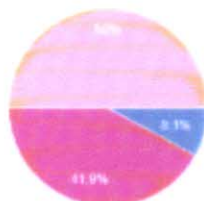
● Insufficient
 ● Sufficient
 ● Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

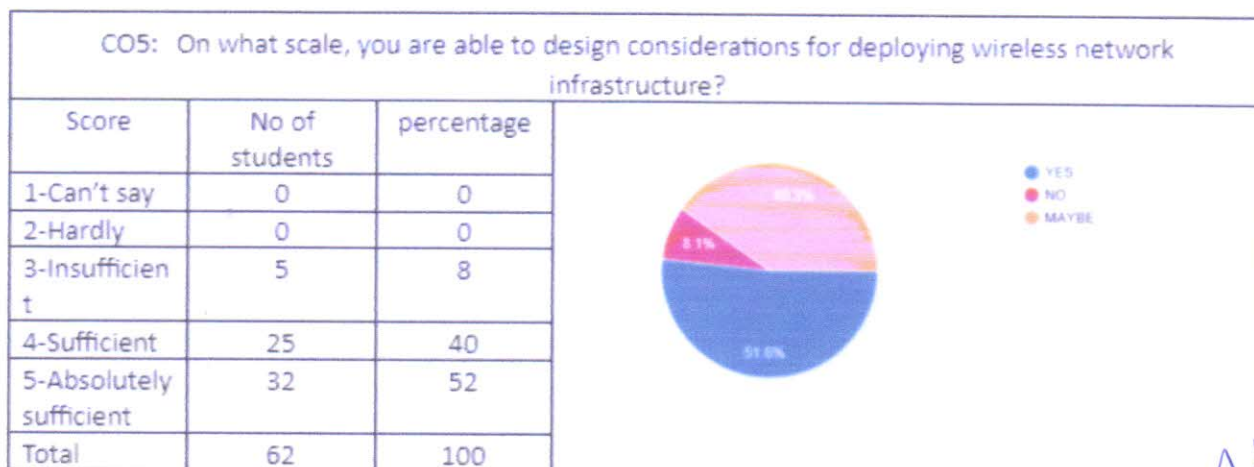
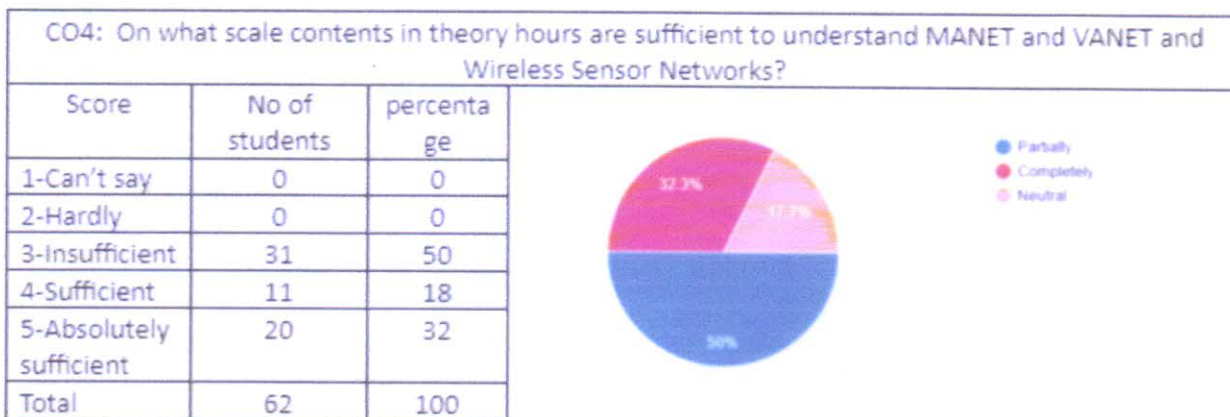
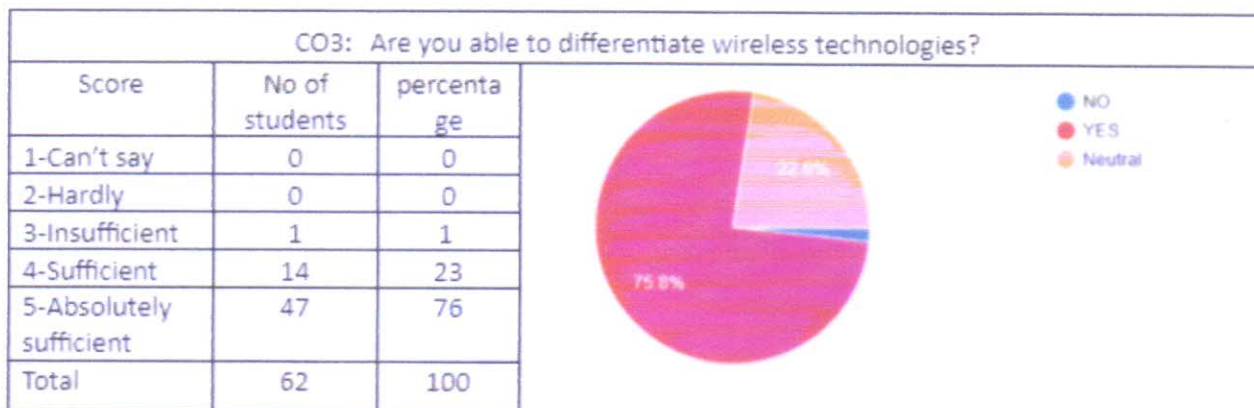
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	5	8
4-Sufficient	31	50
5-Absolutely sufficient	26	42
Total	62	100

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

62 responses



● NO
 ● YES
 ● Neutral



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Academic year -2019-20(Odd)

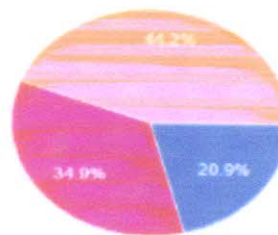
Course Exit Analysis Report(SEM VII)

Subject-Image Processing

Subject Teacher-Prof. Ragini Sharma

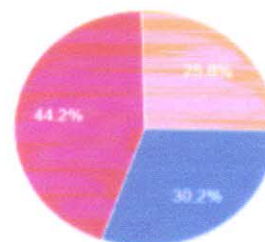
CO1:On what scale ,contents learned in practical/theory hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	0	20.9
4-Mostly	15	34.9
5-Definitely	19	44.2
Total	43	100



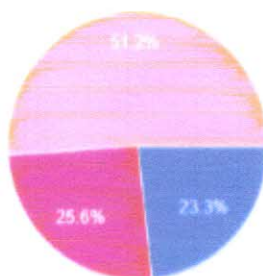
CO2: Are you interested to learn the advanced of the subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	13	30.2
4-Mostly	19	44.2
5-Definitely	11	25.6
Total	43	100



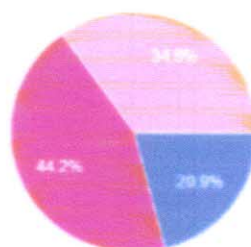
CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem??

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	10	23.3
4-Mostly	11	25.6
5-Definitely	22	51.2
Total	43	100



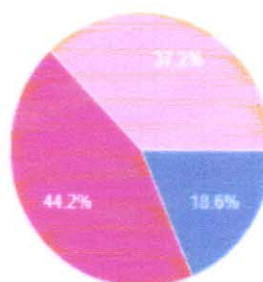
CO4: Are you able to understand the fundamental concepts and image enhancement techniques in spatial and frequency domain??

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	9	20.9
4-Mostly	19	44.2
5-Definitely	15	34.9
Total	43	100



CO5: Are you able to understand morphological operations, segmentation and compression techniques?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	8	18.6
4-Mostly	19	44.2
5-Definitely	16	37.2
Total	43	100



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Academic year -2018-19(Odd)

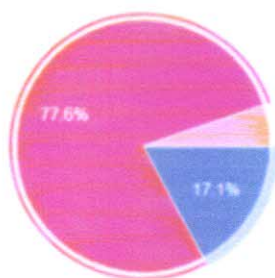
Course Exit Analysis Report(SEM VII)

Subject-E-commerce(ECOM)

Subject Teacher- Prof. Kirti M

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?

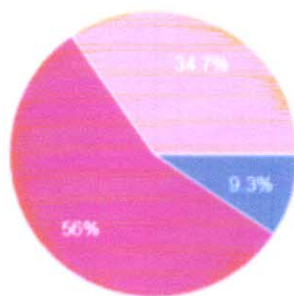
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Insufficient	13	17
4-Sufficient	59	78
5-Absolutely sufficient	4	5
Total	76	100



● Insufficient
 ● Sufficient
 ● Absolutely Sufficient

CO2: Are you interested to study advanced contents of this subject?

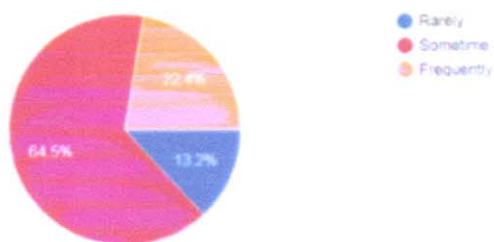
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	7	9
4-Partially	26	35
5-Completely	43	56
Total	76	100



● NO
 ● YES
 ● Neutral

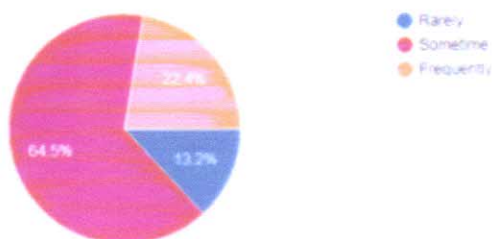
CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problem?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	10	13
4-Partially	50	65
5-Completely	16	22
Total	76	100



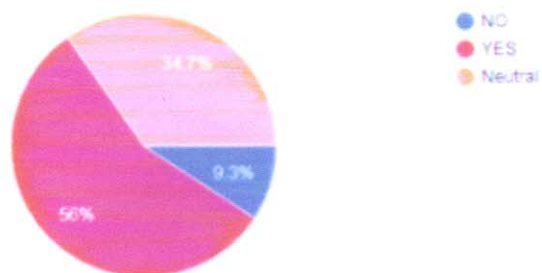
CO4: Did you understand different types of online payment system?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	10	13
4-Partially	50	65
5-Completely	16	22
Total	76	100



CO5: Can you develop a business plan?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-No	7	9
4-Partially	26	35
5-Completely	43	56
Total	76	100



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Action taken based on Feedback from Students
Academic Year 2018-19(ODD SEM)

Summary of Feedback-Semester 7

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

- Need more exposure to latest technologies
- Experts talks on selected topics
- Awareness should be conducted for practical knowledge about the technologies
- Need Seminar about 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. 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 Microsoft Azure	9/6/2018
2	Expert talk on selected topic	Seminar on Angular	16/8/2018
3	Expert talk on selected topic	Seminar on Role of IOT Waste Management	23/8/2018
3	About Project	Awareness about Project	13/9/2018


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Department of Information Technology
Academic Year : 2018 – 2019 (Even)
Course Exit Analysis Report (Sem VIII)
Subject – Software testing and Quality Assurance
Subject Teacher – Prof. Pravin Shinde

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

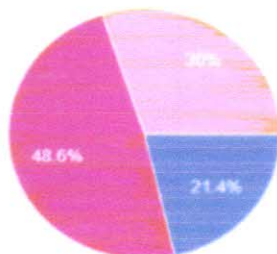
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	2
4. Mostly	5	8
5. Definetly	63	90
Total	70	100



● Sufficient
● Insufficient
● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

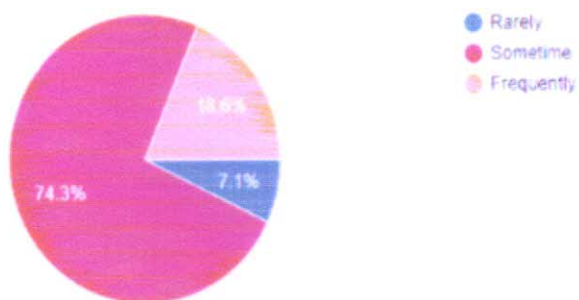
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	16	21
4. Mostly	21	30
5. Definetly	33	48
Total	70	100



● No
● Neutral
● Yes

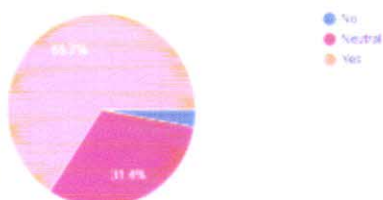
CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	7	7
4.Mostly	12	18
5.Definetly	51	74
Total	70	100



CO4: Do you know difference between automation and manual testing?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	4	4
4.Mostly	21	31
5.Definetly	45	65
Total	70	100



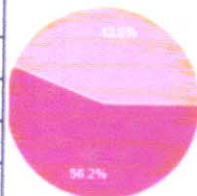
CO5: Do you able to design test cases using black box?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3.Moderate	4	4
4.Mostly	30	44
5.Definetly	36	52
Total	70	100



CO6: Do you think subject needs revision ?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	1	1
4. Mostly	30	43
5. Definetly	39	56
Total	76	100



● DF-Not MMD-No
 ● DF-Neutral MMD-Neutral
 ● DF-yes MMD-yes

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Academic Year : 2018 – 2019 (Even)

Course Exit Analysis Report (Sem VIII)

Subject – IoE

Subject Teacher – Prof. Vrushali Thakur

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

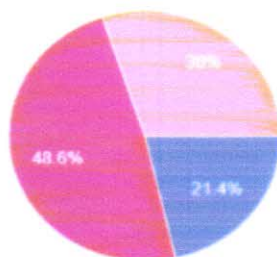
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	2
4. Mostly	5	8
5. Definetly	63	90
Total	70	100



● Sufficient
 ● Insufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

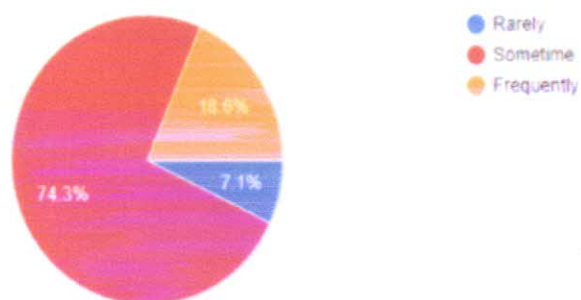
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	16	21
4. Mostly	21	30
5. Definetly	33	48
Total	70	100



● No
 ● Neutral
 ● Yes

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	7	7
4. Mostly	12	18
5. Definetly	51	74
Total	70	100



CO4: Can you explain IOE?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	4	4
4. Mostly	21	31
5. Definetly	45	65
Total	70	100



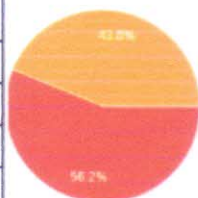
CO5: Do you able to create a real time project using IOE

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	4	4
4. Mostly	30	44
5. Definetly	36	52
Total	70	100



CO6: Do you think subject needs revision ?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	1	1
4. Mostly	30	43
5. Definetly	39	56
Total	76	100



● DF-Not MMD-No
 ● DF-Neutral or MMD-Neutral
 ● DF-Yes/MMD-Yes

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Academic Year : 2018 – 2019 (Even)

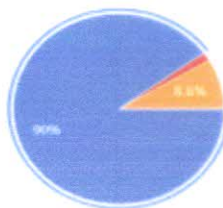
Course Exit Analysis Report (Sem VIII)

Subject – Big Data Analytics

Subject Teacher – Prof. Diksha Kumar

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

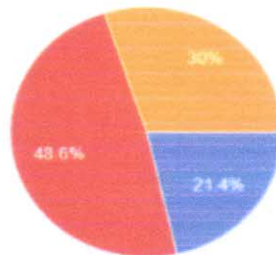
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	2
4. Mostly	5	8
5. Definetly	63	90
Total	70	100



● Sufficient
 ● Insufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

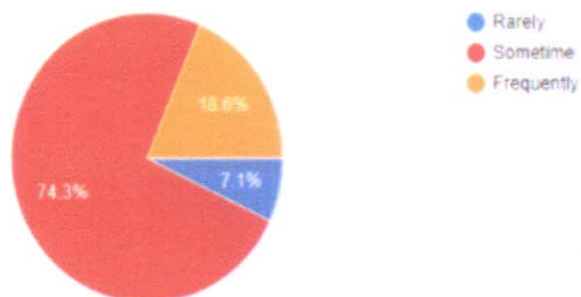
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	16	21
4. Mostly	21	30
5. Definetly	33	48
Total	70	100



● No
 ● Neutral
 ● Yes

CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	7	7
4. Mostly	12	18
5. Definetly	51	74
Total	70	100



CO4: Do you know difference between big data and RDMS?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	4	4
4. Mostly	21	31
5. Definetly	45	65
Total	70	100



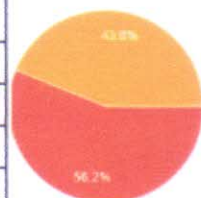
CO5: Do you able to perform analysis based on big data

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	4	4
4. Mostly	30	44
5. Definetly	36	52
Total	70	100



CO6: Do you think subject need revision ?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	1	1
4. Mostly	30	43
5. Definetly	39	56
Total	76	100



● DF-Not/MMD-No
● DF-Neutral/MMD-Neutral
● DF-Yes/MMD-Yes

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Academic Year : 2018 – 2019 (Even)

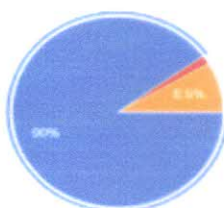
Course Exit Analysis Report (Sem VIII)

Subject – User Interaction Design

Subject Teacher – Prof. Pravin Shinde

CO1: On what scale, contents learned in practical hours are sufficient to understand course?

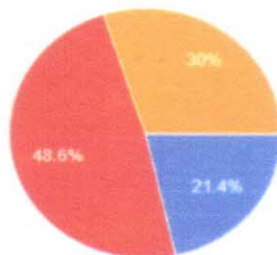
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	2	2
4. Mostly	5	8
5. Definately	63	90
Total	70	100



● Sufficient
 ● Insufficient
 ● Absolutely sufficient

CO2: Are you interested to study advanced contents of the subjects?

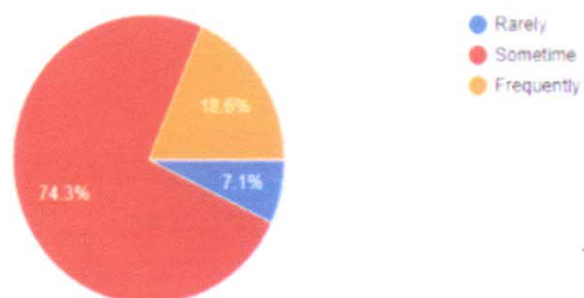
Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	16	21
4. Mostly	21	30
5. Definately	33	48
Total	70	100



● No
 ● Neutral
 ● Yes

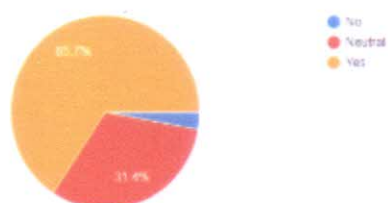
CO3: Do you believe you will be able to apply knowledge gained in this course in industry to solve real time problems?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	7	7
4. Mostly	12	18
5. Definetly	51	74
Total	70	100



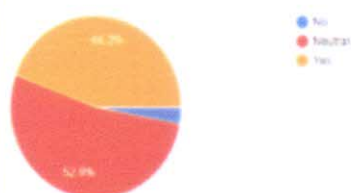
CO4: Can you create a project on UDI?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	4	4
4. Mostly	21	31
5. Definetly	45	65
Total	70	100



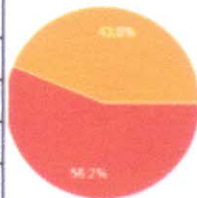
CO5: Do you able to create a real time project using UDI?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	4	4
4. Mostly	30	44
5. Definetly	36	52
Total	70	100



CO6: Do you think subject content should need revision ?

Score	Number of students	Percentage
1. Cant say	0	0
2. Hardly	0	0
3. Moderate	1	1
4. Mostly	30	43
5. Definetly	39	56
Total	76	100



● DF-Yes/MMD-Yes
● DF-Neutral/MMD-Neutral
● DF-yes/MMD-Yes

Mabo
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HOD
Department of
Information Technology

[Signature]
PRINCIPAL (SCOE)

PRINCIPAL
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Kharghar, Navi Mumbai-410210



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DEPARTMENT OF INFORMATION TECHNOLOGY

Action taken based on feedback from students

Academic Year 2018-19 Even

Summary of feedback (Semester 8):

Feedback collection through course exists were analyzed and necessary actions were planned for effective teaching. Abstract of suggestions obtained from the stake holders to enhance the employability of the students discussed below.

- More awareness about the latest technologies and practice in industry
- Exposure to add on courses to boost practical based knowledge.
- Need animated videos for better understanding.
- Needs expert lecture

Action Taken :

Based on suggestions, various events are organized events are selected such that it will be beneficial for their career. Details are given in following table.

Sr. No.	Program	Course	Feedback/Suggestions	Action Taken with supporting document	Date
1	IT	STQA	Black box testing techniques not understood	https://www.slideserve.com/bardia/black-box-testing/?utm	As required
2	IT	BDA	SON algorithm, Map reduce in SON algorithm not understood	https://www.youtube.com/watch?v=uhbkyeco2U https://www.youtube.com/watch?v=nDdSZzP8SD8	As required

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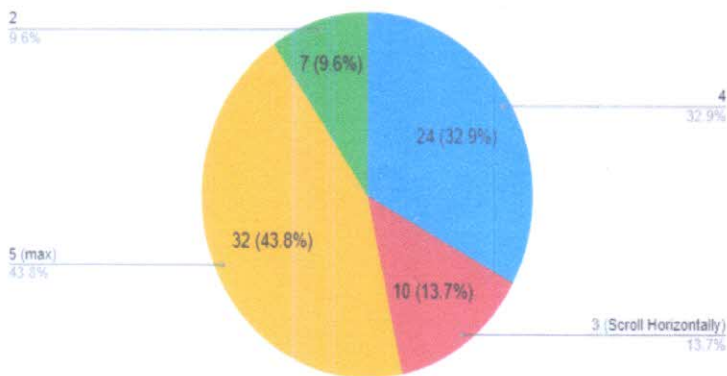


Department of Information Technology
 Academic Year: 2018-2019

Program Exit Analysis Report

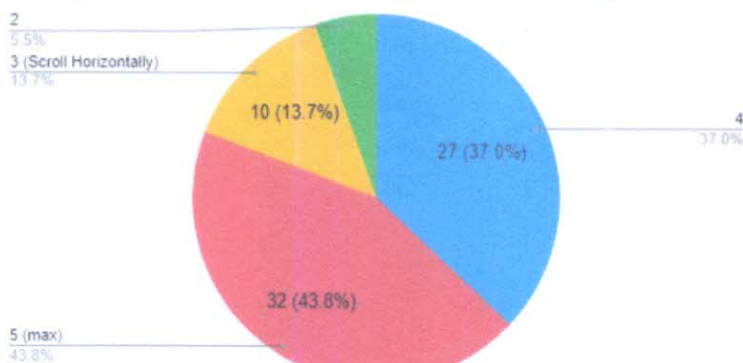
Score	No. of students	%
1-can't say	0	0
2-least relevant	7	9.6
3- moderately relevant	10	13.7
4- Relevant	24	32.9
5 – strongly Relevant	32	43.8
total	73	100

[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	4	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.]





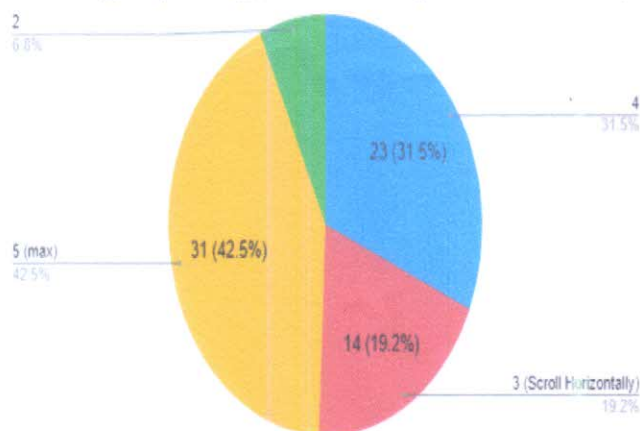
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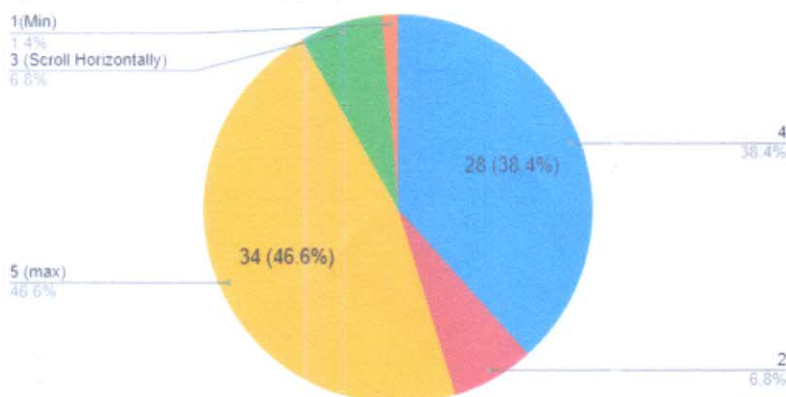
Score	No. of students	%
1-can't say	0	0
2-least relevant	5	6.8
3- moderately relevant	14	19.2
4- Relevant	23	31.4
5 – strongly Relevant	31	45.5
total	73	100

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



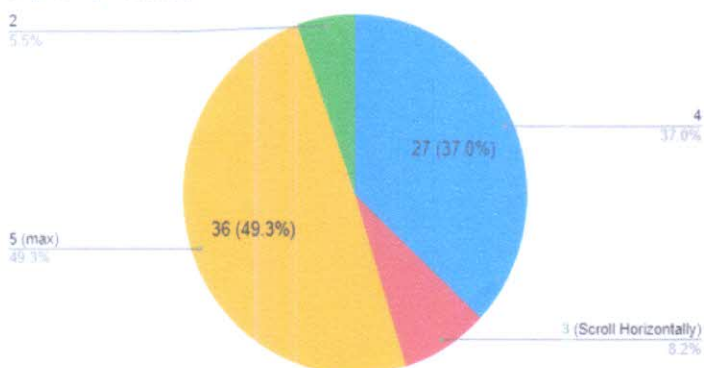
Score	No. of students	%
1-can't say	1	1.4
2-least relevant	4	6.8
3- moderately relevant	14	19.2
4- Relevant	23	31.4
5 – strongly Relevant	31	45.5
total	73	100

[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	4	5.5
3- moderately relevant	6	8.2
4- Relevant	27	37.0
5 – strongly Relevant	36	49.3
total	73	100

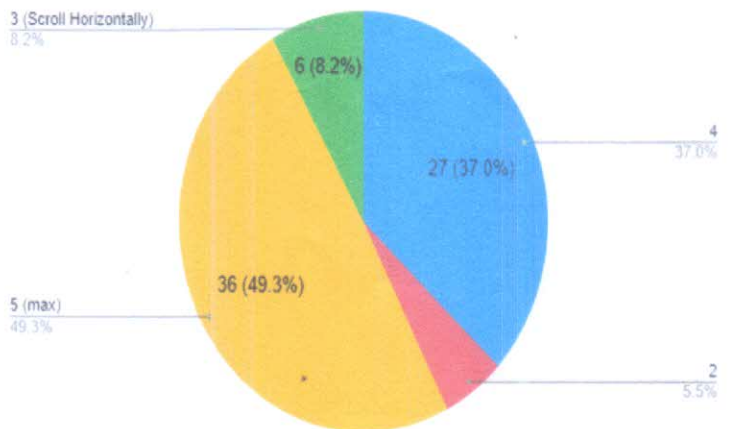
[PO5: Create, select and apply appropriate techniques, resources and advanced Engineering software using modern tools and design for Information Technology Engineering Problems.]





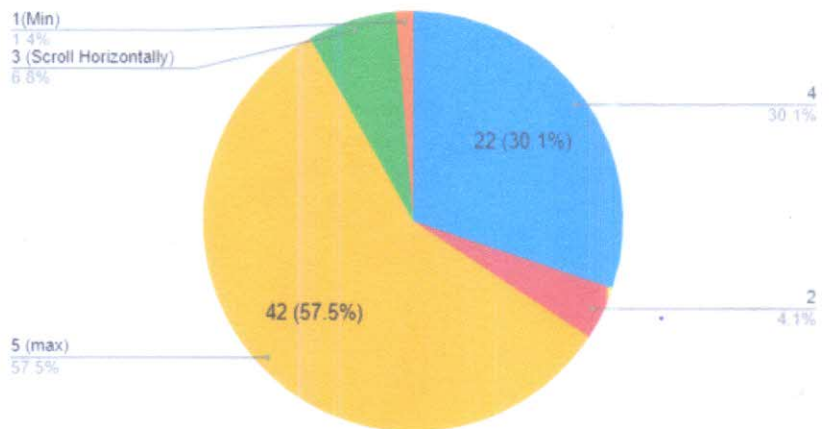
Score	No. of students	%
1-can't say	0	0
2-least relevant	4	5.5
3- moderately relevant	6	8.2
4- Relevant	27	37.0
5 – strongly Relevant	36	49.3
total	73	100

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



Score	No. of students	%
1-can't say	0	0
2-least relevant	4	5.5
3- moderately relevant	6	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.]





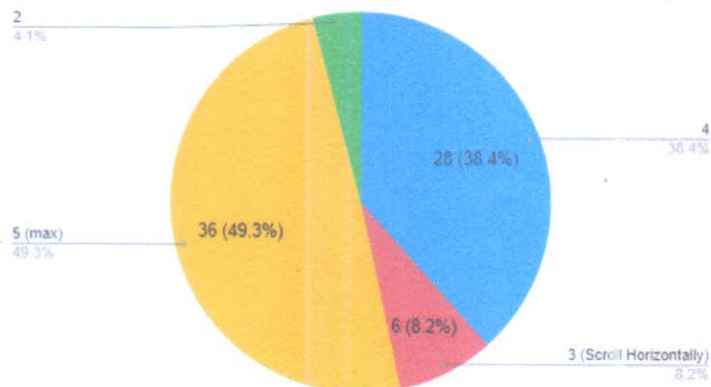
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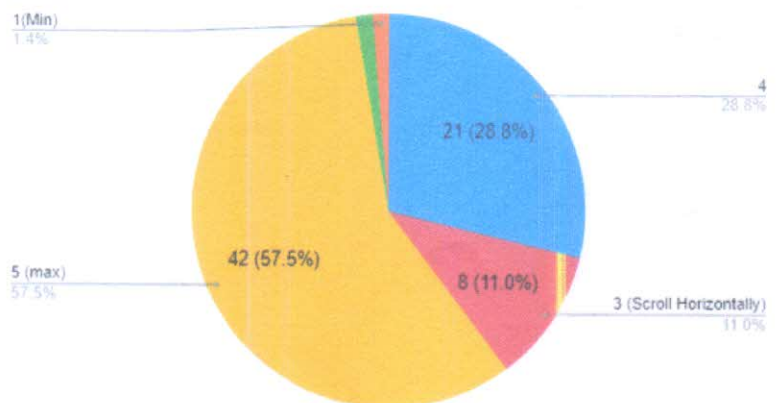
[PO8: Apply Professional ethics, accountability and equity in Engineering Profession.]

Score	No. of students	%
1-can't say	0	0
2-least relevant	3	4.1
3- moderately relevant	6	8.2
4- Relevant	28	37.0
5 – strongly Relevant	36	49.3
total	73	100



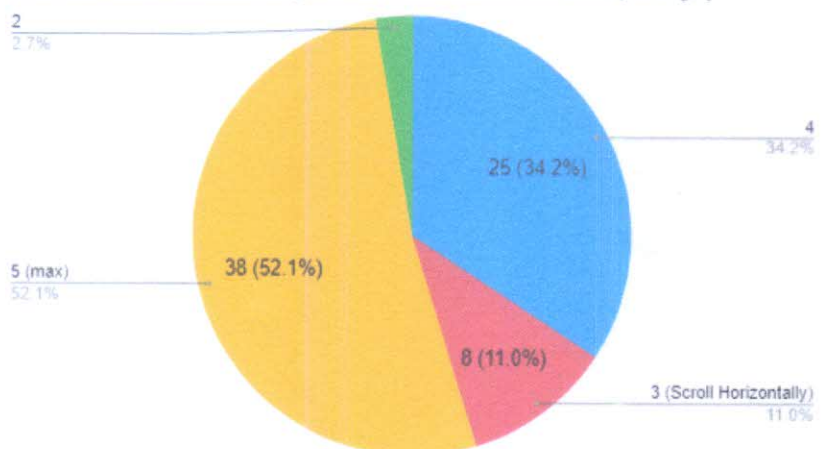
[PO9: Work Effectively as a member and leader in multidisciplinary team for a common goal.]

Score	No. of students	%
1-can't say	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



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

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





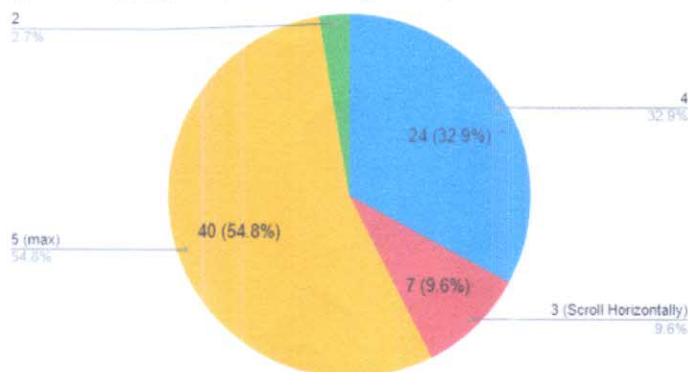
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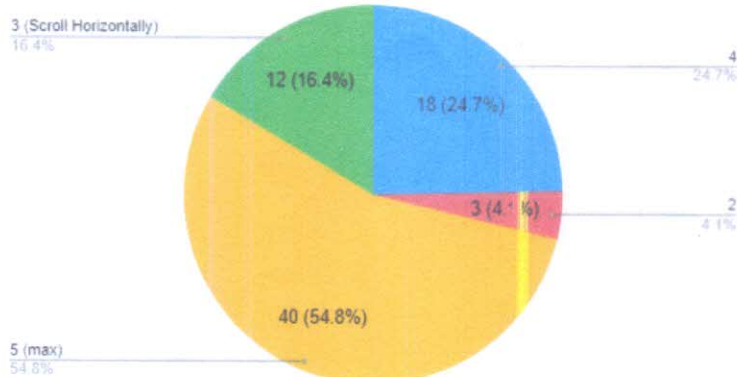
Score	No. of students	%
1-can't say	0	0
2-least relevant	2	2.7
3- moderately relevant	7	9.6
4- Relevant	24	32.9
5 – strongly Relevant	40	54.8
total	73	100

[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.]





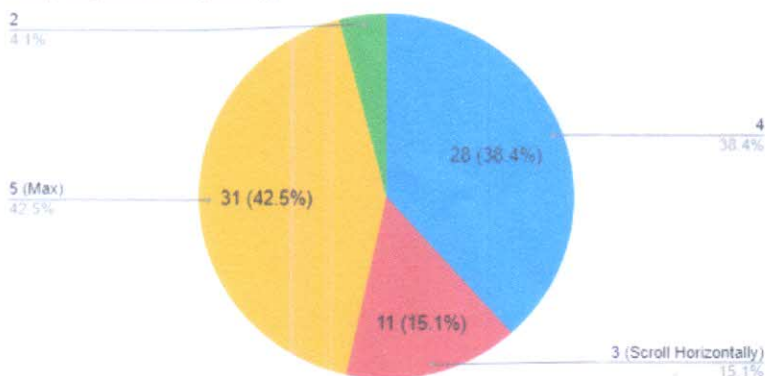
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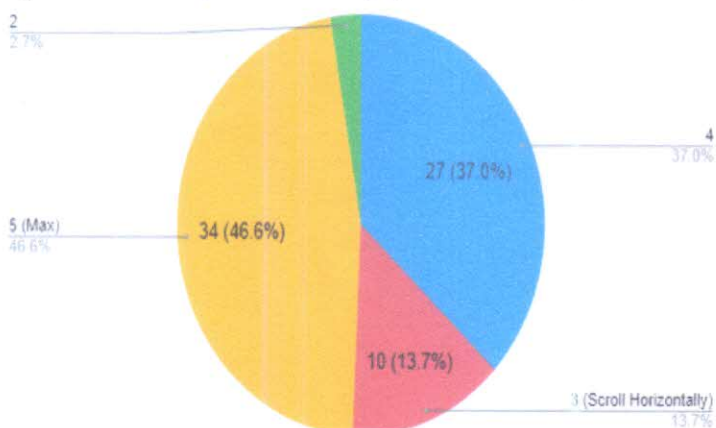
Score	No. of students	%
1-can't say	0	0
2-least relevant	3	4.1
3- moderately relevant	11	15.1
4- Relevant	28	38.4
5 – strongly Relevant	31	42.5
total	73	100

[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	2	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.]



Malvi

HoD, IT dept

HoD

**Department of
Information Technology**

Principal
Principal, scoe

Principal

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Department of Information Technology

Academic Year: 2018-2019

Summary of Feedback received from student through program exit form

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

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

HOD, IT dept

Principal, scoe

HOD
Department of
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