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SARASWATI College of Engineering

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Kharghar, Navi Mumbai - 410 210.

Department of Information Technology

Academic year -2019-20(Odd)

Course Exit Analysis Report(SEM III)

Subject-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



● Neutral
 ● Partially
 ● Completely

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

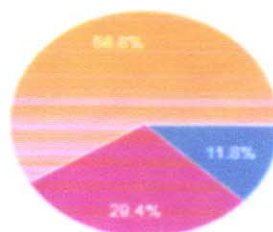
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Netural	11	16
4-Partially	28	41
5-Completely	29	43
Total	68	100



● Neutral
 ● Partially
 ● Completely

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

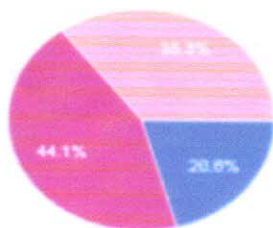
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	9	12
4-Partially	19	29
5-Completely	40	59
Total	68	100



● Neutral
● Partially
● Completely

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

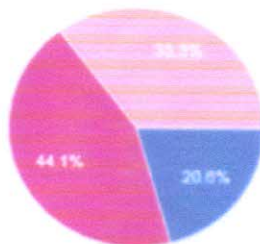
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Neutral	14	21
4-Partially	30	44
5-Completely	24	35
Total	68	100



● Neutral
● Partially
● Completely

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

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



● Neutral
● Partially
● Completely

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Academic year -2019-20(Odd)

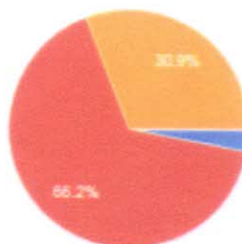
Course Exit Analysis Report(SEM III)

Subject-Data Structure

Subject Teacher-Prof.Maahi K

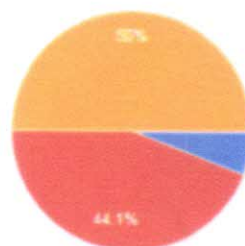
CO1:On what scale the contents learned in theory and practical are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	2	2.9
4-Mostly	45	66.2
5-Definitely	21	30.9
Total	68	100



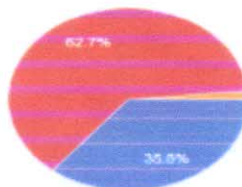
CO2: Are you willing to study the advanced subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	4	5.9
4-Mostly	30	44.1
5-Definitely	34	50
Total	68	100



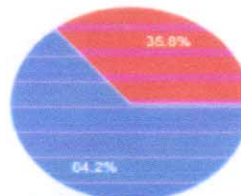
CO3: Have you understood the various types of data structures with implementation of operation like insertion, deletion and traversing mechanism etc on it?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	24	35.8
4-Mostly	43	62.7
5-Definitely	1	1.5
Total	68	100



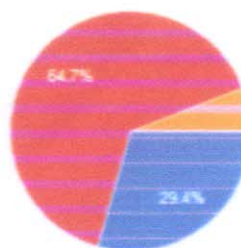
CO4: Are you able to select appropriate data structure and appropriate sorting/searching technique for given problem

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	44	64.2
4-Mostly	24	35.8
5-Definitely	0	0
Total	68	100



CO5: Have you understood minimum spanning tree with different technique and hashing techniques?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	20	29.4
4-Mostly	44	64.7
5-Definitely	4	5.9
Total	68	100



Mahesh
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Academic year -2019-20(Odd)

Course Exit Analysis Report(SEM III)

Subject-Logic Design

Subject Teacher-Shraddha Subhedar

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-Moderate	0	0
4-Mostly	31	66
5-Definitely	16	34
Total	47	100



● Insufficient
 ● Sufficient
 ● Absolutely sufficient

CO2:Are you ready to study advanced of this subject?

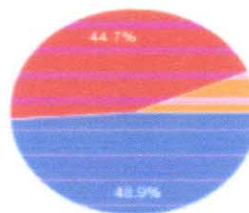
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	4	7.8
4-Mostly	19	40.4
5-Definitely	25	53.2
Total	47	100



● No
 ● Neutral
 ● Yes

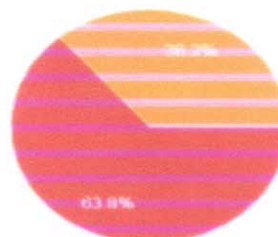
CO3:Are you able to use different number system as well as to realize the Boolean expression using logic exit?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	23	48.9
4-Mostly	21	44.7
5-Definitely	3	6.4
Total	47	100



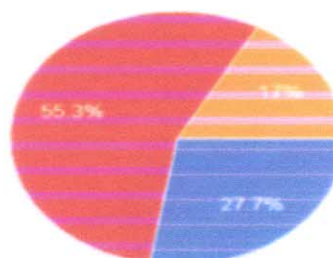
CO5: on what scale the contents learned in theory hours are sufficient to design combinational circuits and sequential circuits?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	17	36.2
4-Mostly	30	63.8
5-Definitely	0	0
Total	47	100



CO6:On what scale you are able to demonstrate given combinational circuit into digital logic formulations using VHDL?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	13	27.7
4-Mostly	26	55.3
5-Definitely	8	17
Total	47	100



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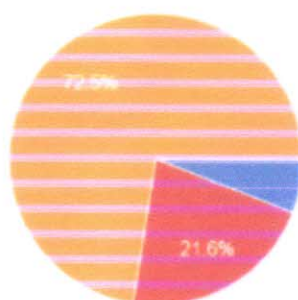
Course Exit Analysis Report(SEM III)

Subject-M3

Subject Teacher-Prof.Vasudeo N

CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

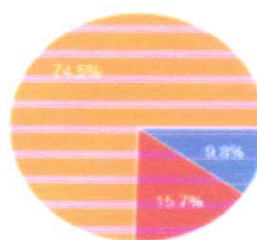
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	4	7.1
4-Mostly	11	21.6
5-Definitely	36	72.5
Total		



● Neutral
 ● Partially
 ● Completely

CO2:Are you ready to study advanced of this subject?

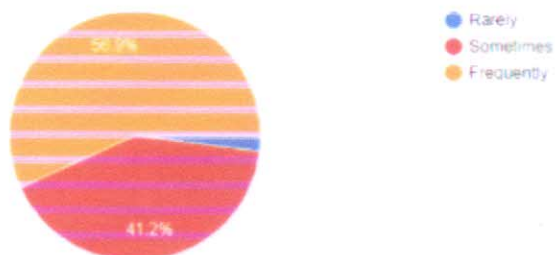
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	5	9.8
4-Mostly	8	15.7
5-Definitely	38	74.5
Total	51	100



● Neutral
 ● Partially
 ● Completely

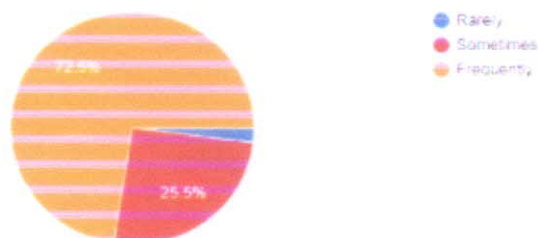
CO3: Do you apply the knowledge gained in applying it in real world problems?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	1	2.9
4-Mostly	21	41.2
5-Definitely	29	56.9
Total	51	100



CO4: Are you able to understand permutation and combination?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	1	2
4-Mostly	13	25.5
5-Definitely	37	72.5
Total	51	100



CO5: Are you able to understand inverse laplace theorem ?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	1	2
4-Mostly	16	31.4
5-Definitely	34	66.6
Total	51	100



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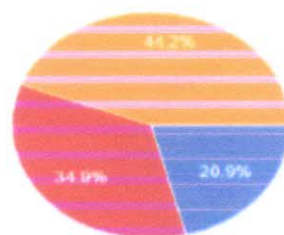
Course Exit Analysis Report(SEM III)

Subject-Principles of Communication

Subject Teacher-Prof.Anuradha D

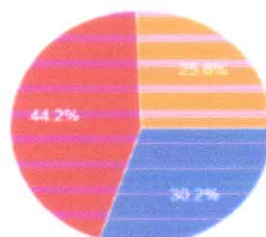
CO1:On what scale ,contents learned in practical/theory hours are sufficient to understand the course?

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



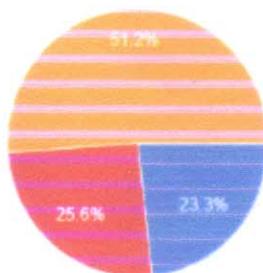
CO2: Are you interested to learn the advanced of the subject?

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



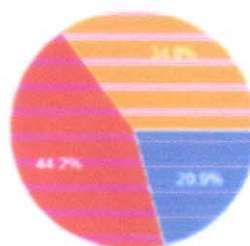
CO3: Are you able to differentiate analog and digital communication system?

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



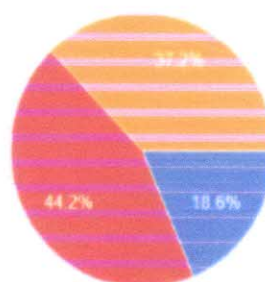
CO5: Are you able to design generate and degenerate of AM,DSB,SSB,FM transmitter and receiver?

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



CO6: Can you explain different line coding techniques for generation and detection of signals?

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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Action taken based on feedback from students

Academic Year 2019-20 ODD

Summary of feedback(Semester 3):

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.

- More practice for Engineering Mathematics III
- 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	PRO GRA M	COURSE	FEEDBACK RECEIVED	ACTION TAKEN	DATE
1	IT	M III	More practice problems	Extra lectures were conducted	As per requirement
2	IT	DSA	Time complexity	Extra lectures were conducted	As per requirement

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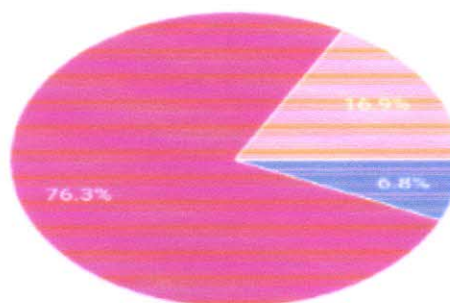
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Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Python programing Lab
SUBJECT I/C: Praveen Shinde

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	4	6.8
4. Mostly	10	16.9
5. Definitely	45	76.3
Total	59	100

59 responses



Co2 : Are you interested to study advance contents of this subject

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	2	3.4
4. Mostly	16	27.1
5. Definitely	41	69.5
Total	59	100

59 responses





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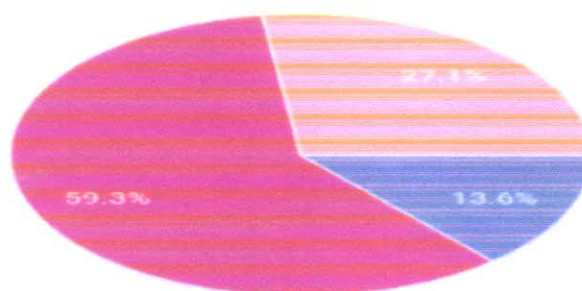
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Python programing Lab
SUBJECT I/C: Praveen Shinde

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	8	13.6
4. Mostly	16	27.1
5. Definitely	35	59.3
Total	59	100

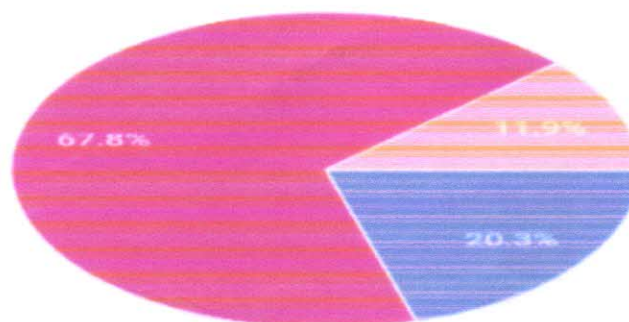
59 responses



Co 4. Have you understood significance of oops concepts in this course ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	7	11.9
4. Mostly	12	20.3
5. Definitely	40	67.8
Total	59	100

59 responses





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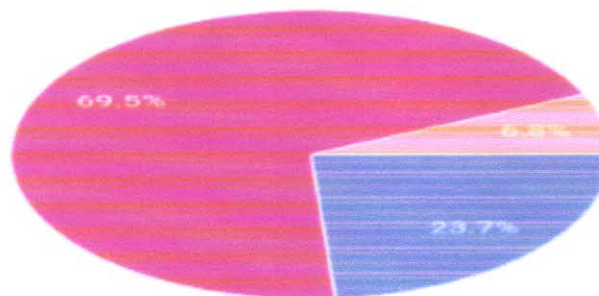
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Python programming Lab
SUBJECT I/C: Praveen Shinde

Co 5. Have you understood significance of python programming in industries ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	4	6.8
4. Mostly	14	23.7
5. Definitely	41	69.5
Total	59	100

59 responses



Co 6. Is syllabus sufficient ? if not then which topic do you think should be included in syllabus?

6. Is syllabus sufficient if not, then which topic do you think should be included in syllabus?

59 responses

Sufficient

Yes

It is sufficient

It will be more depthness can be included in this

Yes sufficient

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Course Exit Analysis Report (SEM IV)

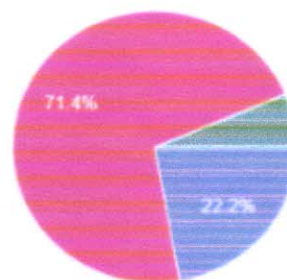
Subject: Operating System

SUBJECT I/C: Shraddha S.

Co1 : On what scale , contents learned in practical hours are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	4	6.4
4. Mostly	14	22.2
5.Definitely	45	71.4
Total	63	100

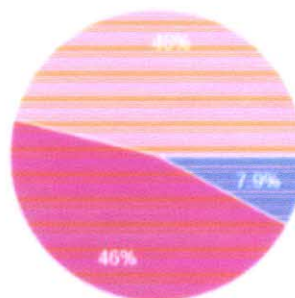
63 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	5	8
4. Mostly	2	46
5.Definitely	29	46
Total	63	100

63 responses





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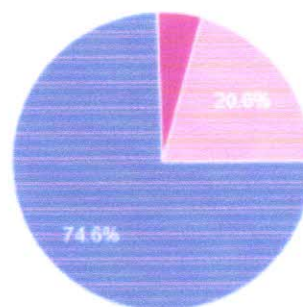
Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)

Subject: Operating System
SUBJECT I/C: Shraddha S.

Co 3. Do you believe , you have understood basics of operating system by learning this course ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	3	4.8
4. Mostly	13	20.6
5.Definitely	47	74.6
Total	63	100

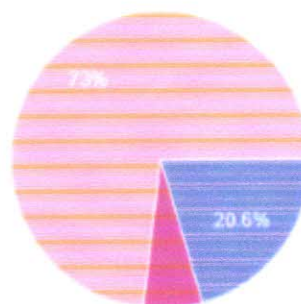
63 responses



Co 4. Have you understood how operating system is integrated to perform its various functions ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	4	6.4
4. Mostly	13	20.6
5.Definitely	46	73
Total	63	100

63 responses





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Course Exit Analysis Report (SEM IV)

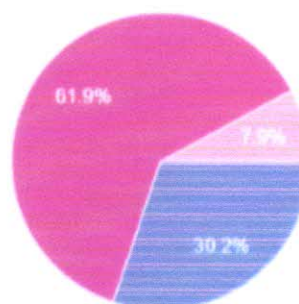
Subject: Operating System

SUBJECT I/C: Shraddha S.

Co 5 Are you able to understand different analytical policies such as scheduling algorithm, Bankers algorithm and page replacement policies ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	5	7.9
4. Mostly	19	30.2
5. Definitely	39	61.9
Total	63	100

63 responses



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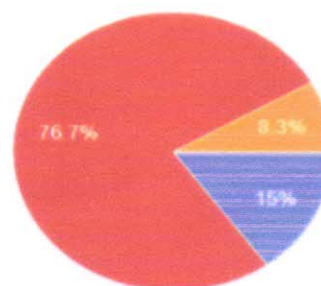
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Computer Organization and Architecture (COA)
SUBJECT I/C: ANURADHA DANDWATE

Co1 : On what scale , contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	5	8.3
4. Mostly	9	15
5.Definitely	46	76.7
Total	60	100

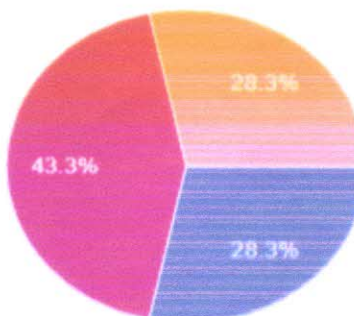
60 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	17	28.3
4. Mostly	17	28.3
5.Definitely	26	43.3
Total	60	100

60 responses





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Academic Year 2019-20 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

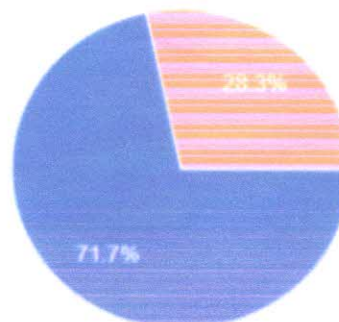
Subject: Computer Organization and Architecture (COA)

SUBJECT I/C: ANURADHA DANDWATE

Co 3. Are you able to describe basic organization of computer and architecture of 8086 microprocessor?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	0	0
4. Mostly	17	28.3
5. Definitely	43	71.7
Total	60	100

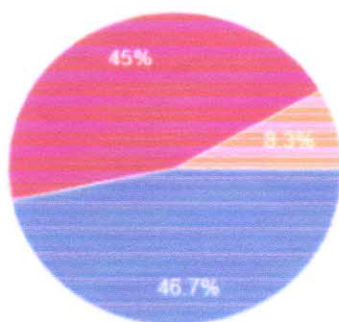
60 responses



Co 4. Are you able to demonstrate control unit operation and perform computer arithmetic operation on integer and real numbers ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	5	8.3
4. Mostly	27	45
5. Definitely	28	46.7
Total	60	100

60 responses





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Academic Year 2019-20 (EVEN SEM)

Course Exit Analysis Report (SEM IV)

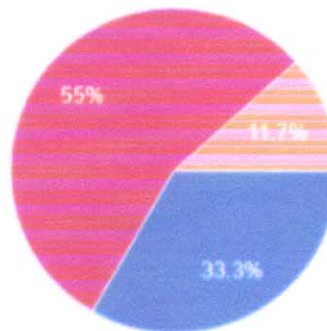
Subject: Computer Organization and Architecture (COA)

SUBJECT I/C: ANURADHA DANDWATE

Co 5. Can you categorize memory organization and explain function of each element of memory hierarchy?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	7	11.7
4. Mostly	33	55
5. Definitely	20	33.3
Total	60	100

60 responses



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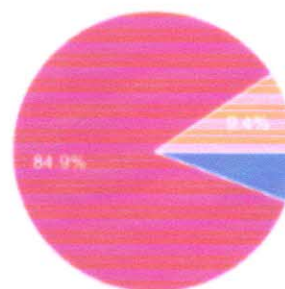
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Computer Network(CN)
SUBJECT I/C: Vaishali Jadhav

Co1 : On what scale , contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	5	9.4
4. Mostly	45	84.9
5. Definitely	3	5.7
Total	53	100

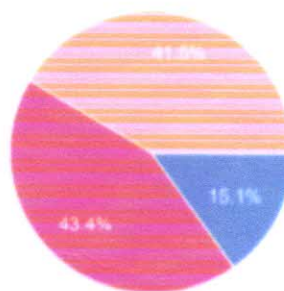
53 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	22	41.5
4. Mostly	23	43.4
5. Definitely	8	15.1
Total	53	100

53 responses





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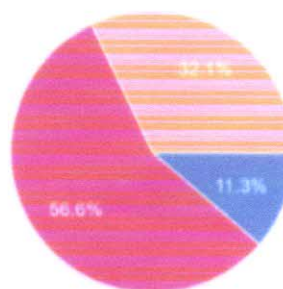
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject :Computer Network(CN)
SUBJECT I/C:Vaishali Jadhav

Co 3. Are you able to differentiate different types of computer networks based on scale and transmission technology ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	17	32.1
4. Mostly	30	56.6
5.Definitely	6	11.3
Total	53	100

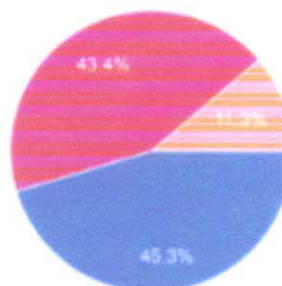
53 responses



Co 4. Have you able to solve IPV4 address based problems?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	6	11.3
4. Mostly	23	43.4
5.Definitely	24	45.3
Total	53	100

53 responses





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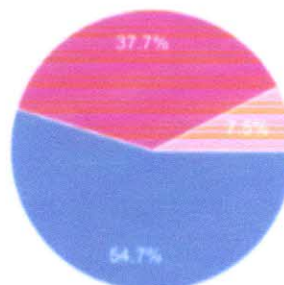
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Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Computer Network(CN)
SUBJECT I/C: Vaishali Jadhav

Co 5. are you able to identify most suitable architecture for the development of your own app?(peer-to-Peer/client and server based)?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	4	7.5
4. Mostly	20	37.7
5. Definitely	29	54.7
Total	53	100

53 responses



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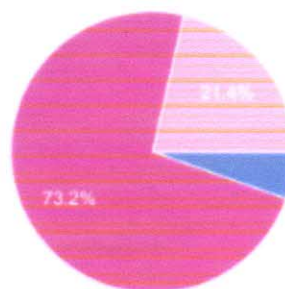
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Automata Theory(AT)
SUBJECT I/C: Maahi khemchandani

Co1 : On what scale, contents learned in this course are useful for understanding domain knowledge?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	12	21.4
4. Mostly	41	73.2
5. Definitely	3	5.4
Total	56	100

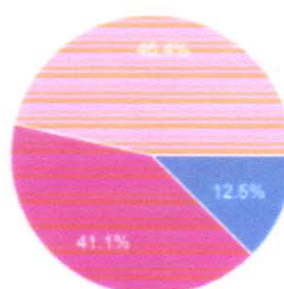
56 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	26	46.4
4. Mostly	23	41.1
5. Definitely	7	12.5
Total	56	100

56 responses





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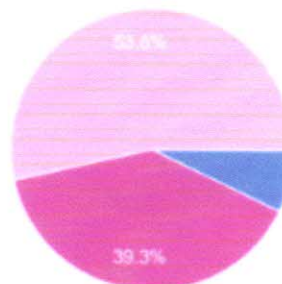
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject :Automata Theory(AT)
SUBJECT I/C:Maahi khemchandani

Co 3. Are you be able to design various types of Finite Automata like NFA, Moore, Mealy machine, DFA and its minimization?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	30	53.6
4. Mostly	22	39.3
5. Definitely	4	7.1
Total	56	100

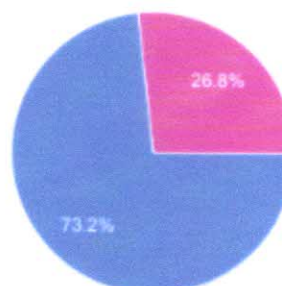
56 responses



Co 4. Are you be able to design Push Down Automata and its types as NPDA & DPDA?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	0	0
4. Mostly	15	26.8
5. Definitely	41	73.2
Total	56	100

56 responses





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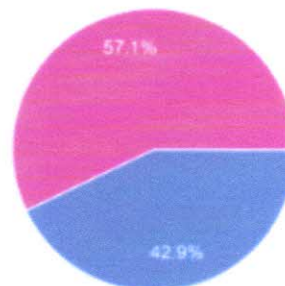
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Automata Theory (AT)
SUBJECT I/C: Maahi khemchandani

Co 5. Are you be able to design Turing Machine?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	0	0
4. Mostly	32	57.1
5. Definitely	24	42.9
Total	56	100

56 responses



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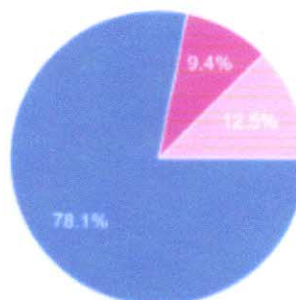
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Applied Mathematics-IV
SUBJECT I/C: Dr. S.D. Choudhari

Co1 : On what scale, contents learned in practical hours are sufficient to understand course?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	8	12.5
4. Mostly	6	9.4
5. Definitely	50	78.1
Total	64	100

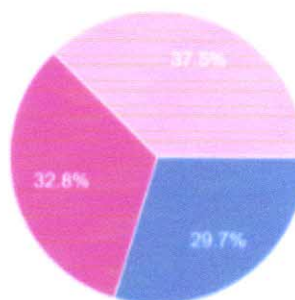
64 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	24	37.5
4. Mostly	21	32.8
5. Definitely	19	29.7
Total	64	100

64 responses





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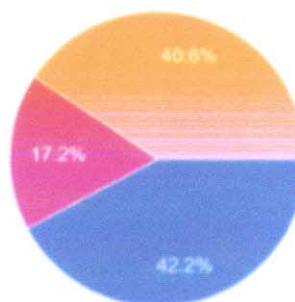
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Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Applied Mathematics-IV
SUBJECT I/C: Dr. S.D. Choudhari

Co 3. Can you apply the knowledge of Number theory in programming as well as cryptography ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	26	40.6
4. Mostly	11	17.2
5. Definitely	27	42.2
Total	64	100

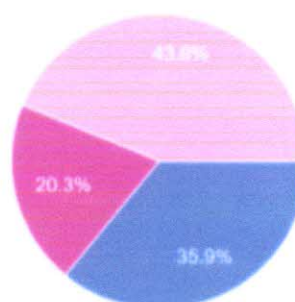
64 responses



Co 4. Are you be able to use concept of graph theory/ group theory in local network area and in the interconnection model for the parallel network of processors ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	28	43.8
4. Mostly	13	20.3
5. Definitely	23	35.9
Total	64	100

64 responses





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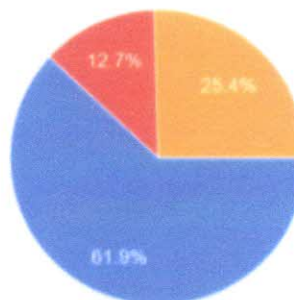
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Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM IV)
Subject: Applied Mathematics-IV
SUBJECT I/C: Dr. S.D. Choudhari

Co 5. Would you be able to use knowledge of probability distribution and sampling theory in engineering problems ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	16	25.4
4. Mostly	8	12.7
5. Definitely	40	61.9
Total	64	100

63 responses



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Action taken based on feedback from students
Academic year 2019-20-EVEN

Summary of feedback -Semester 4:

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

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


Action Taken:

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

Sr No.	Feedback / Suggestions	Action taken	Date
1	Latest technologies in industries	Seminar on Machine Learning	1/7/2020
2	Operating System	The Time Duration Available to complete the syllabus is insufficient.	The video Lectures for purpose operating system was shown to students. https://www.youtube.com/watch?v=QwzggjpdjGo https://www.youtube.com/watch?v=ujgL44AEUzs https://www.youtube.com/watch?v=mWSG6_I_pn4
3	More practice problems for AM IV	Extra classes were taken for AM IV	As Required


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Department of Information Technology

Academic year -2019-20(Odd)

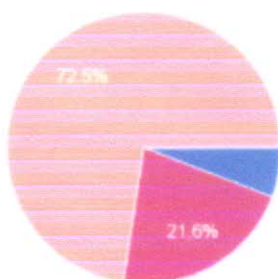
Course Exit Analysis Report(SEM V)

Subject-IP

Subject Teacher-Prof.Ragini Sharma

CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

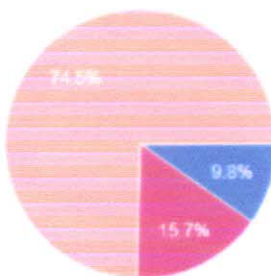
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	4	7.1
4-Mostly	11	21.6
5-Definitely	36	72.5
Total		



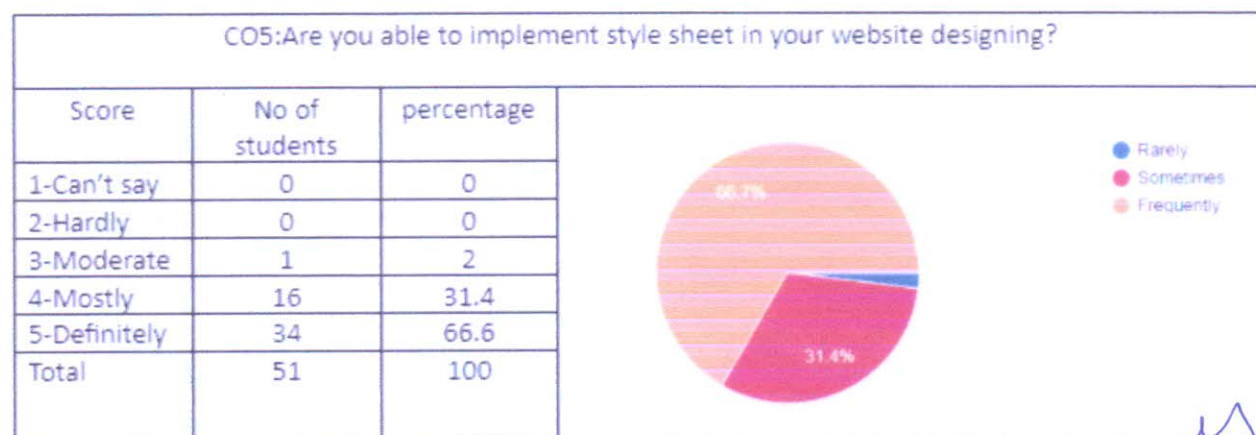
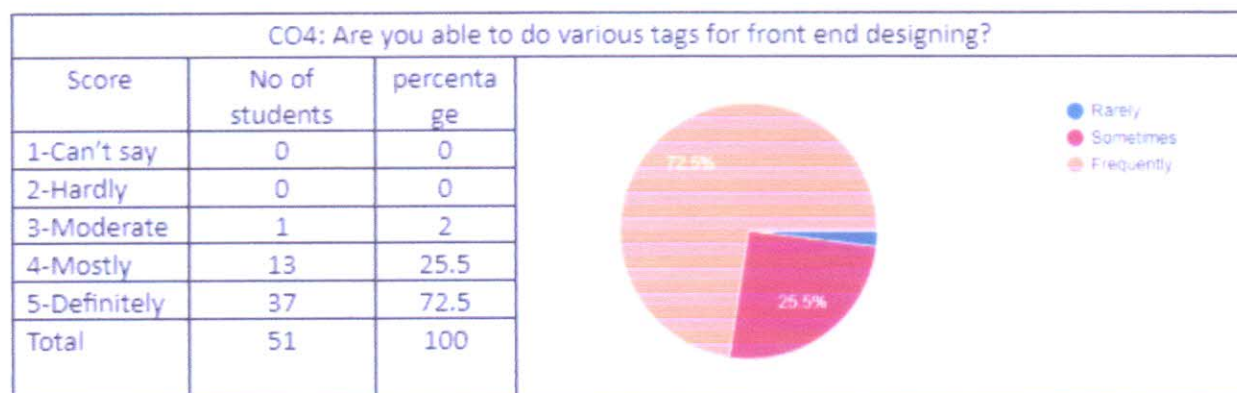
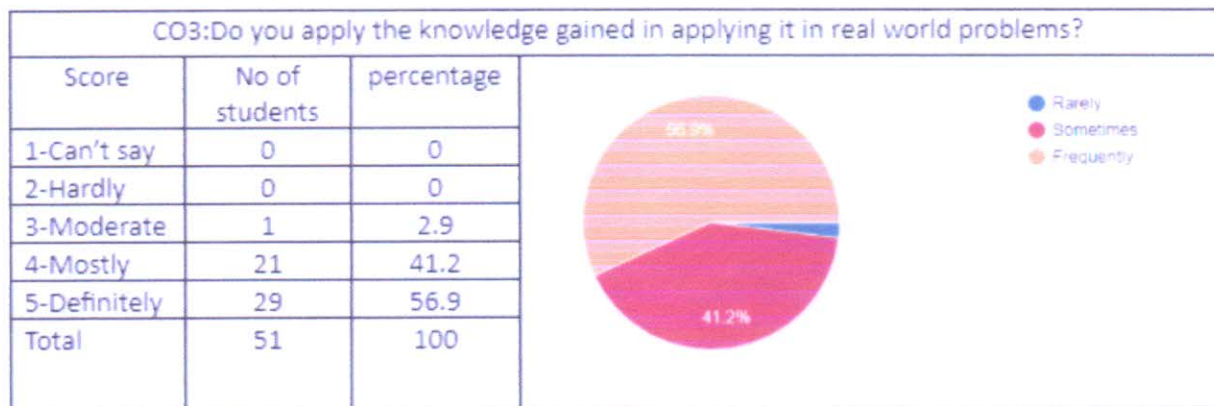
● Neutral
 ● Partially
 ● Completely

CO2:Are you ready to study advanced of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	5	9.8
4-Mostly	8	15.7
5-Definitely	38	74.5
Total	51	100



● Neutral
 ● Partially
 ● Completely



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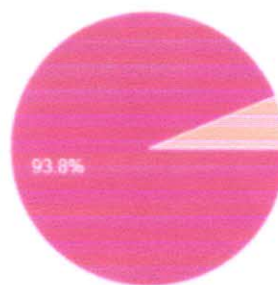
Course Exit Analysis Report(SEM V)

Subject-CNS

Subject Teacher-Prof.Vrushali

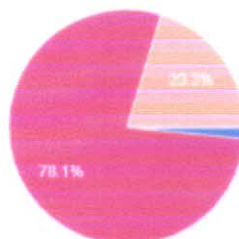
CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	0	0
4-Mostly	60	93.8
5-Definitely	4.6	7.2
Total	64	100

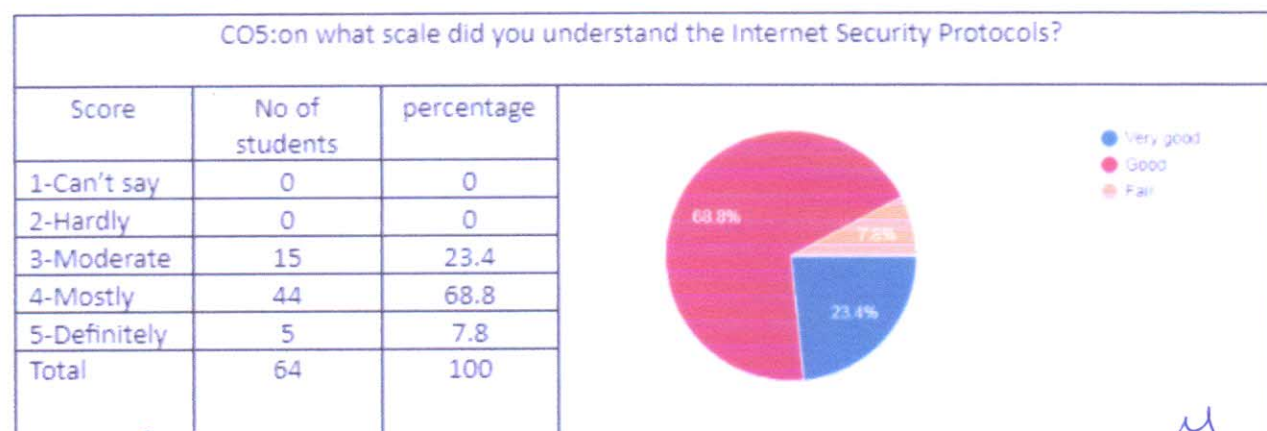
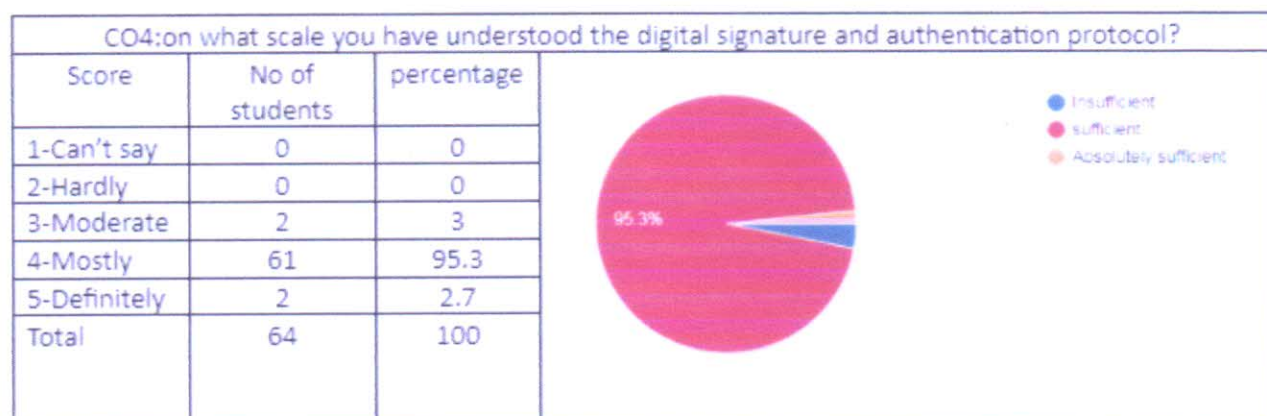
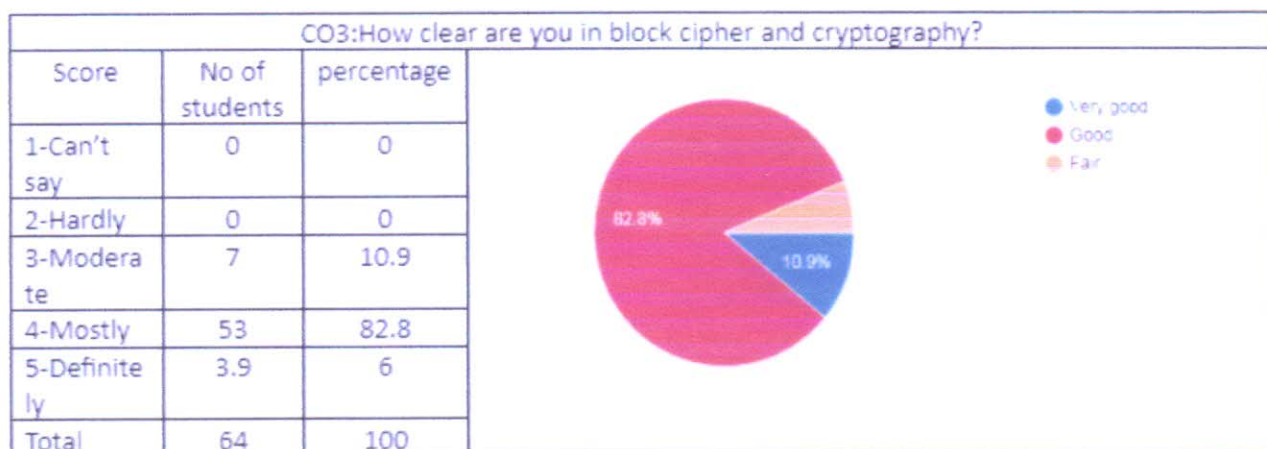


CO2:How interesting is the subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	1	2
4-Mostly	50	78.1
5-Definitely	13	20.3
Total	64	100



● No
 ● Neutral
 ● Yes



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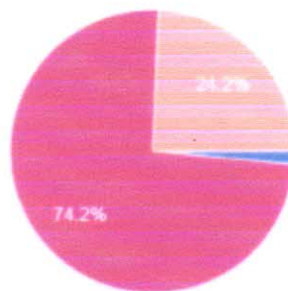
Course Exit Analysis Report(SEM V)

Subject-ADMT

Subject Teacher-Prof.Pragati P

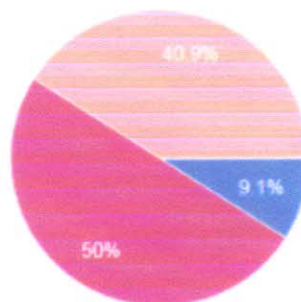
CO1:On what scale the contents learned in theory and practical hours are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	0	
4-Mostly		74.2
5-Definitely		24.2
Total	66	100



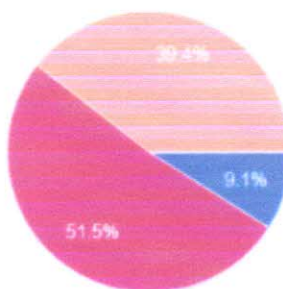
CO2: Are you interested to study advanced of this subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate		9.1
4-Mostly		50
5-Definitely		40.9
Total	66	100



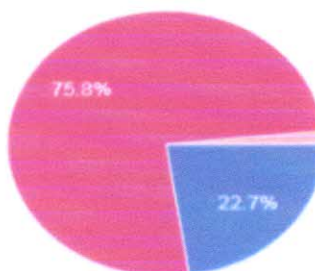
CO3: Do you believe that you will apply the knowledge gained in real time?

Score	No of students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate		9.1
4-Mostly		51.5
5-Definitely		39.4
Total	66	100



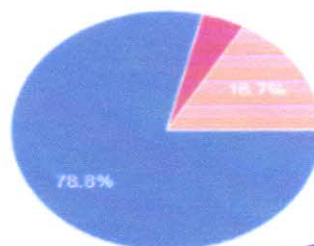
CO4: Did you understand the concept of ADMT

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate		22.7
4-Mostly		75.8
5-Definitely		
Total	66	100



CO5: can u find the difference OLAP and OLTP OPERATIONS?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate		78.8
4-Mostly		4.5
5-Definitely		16.7
Total	66	100



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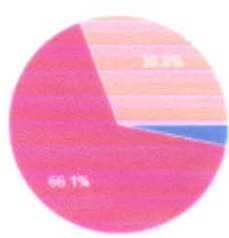
Academic year -2019-20(Odd)

Course Exit Analysis Report(SEM V)

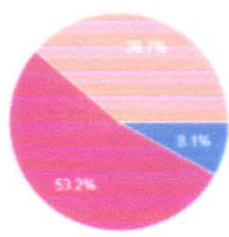
Subject-ECOM

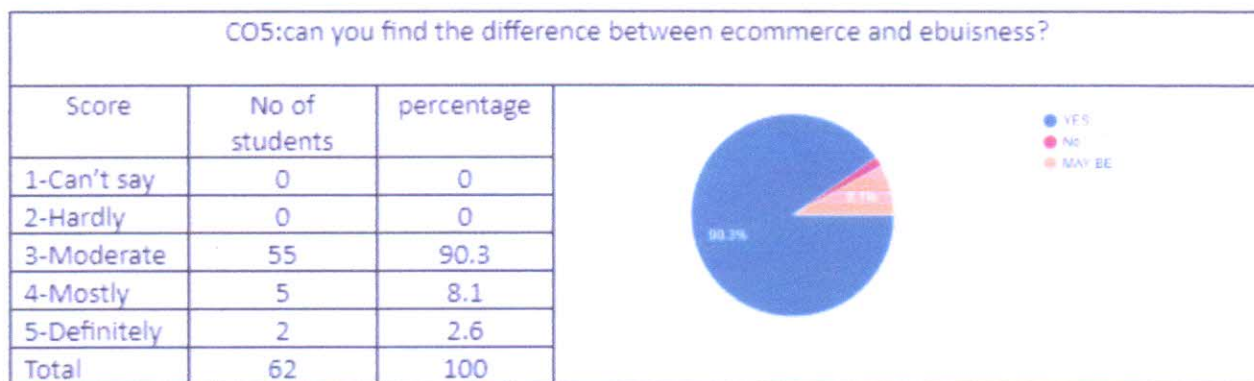
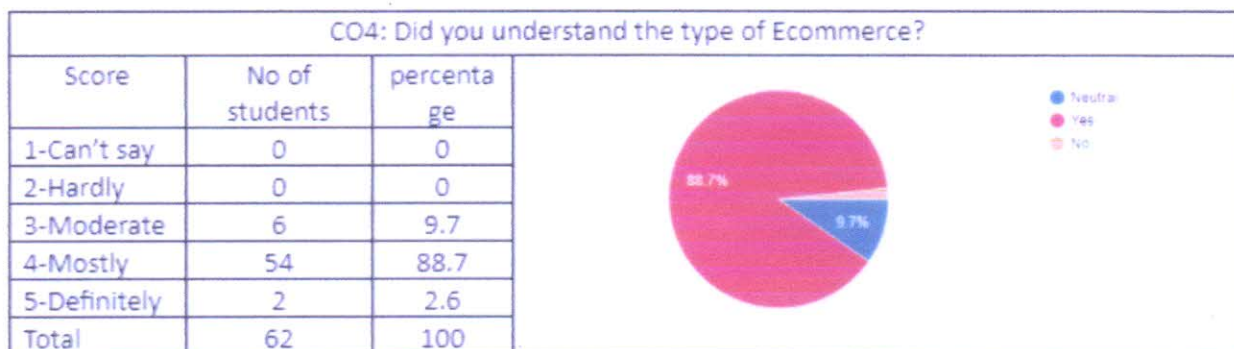
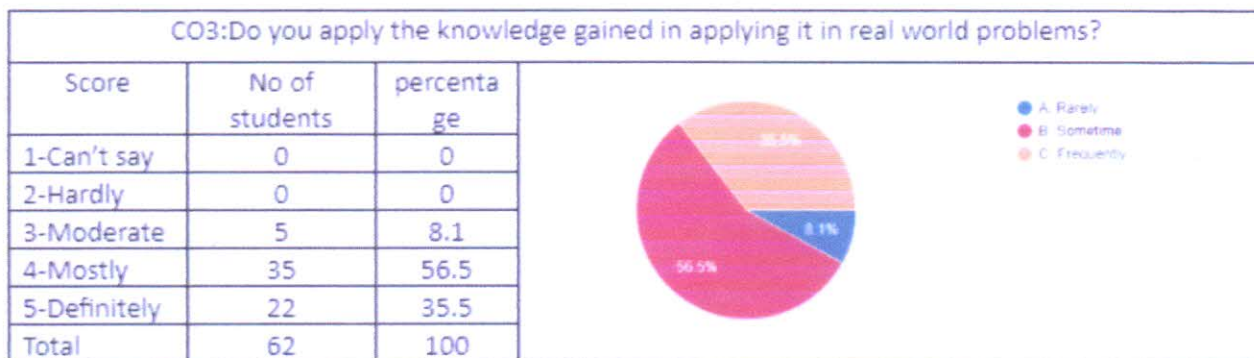
Subject Teacher- Prof Kirti M

CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

Score	No of students	percentage	 <ul style="list-style-type: none"> A. Insufficient B. Sufficient C. Absolutely Sufficient
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderate	3	4.3	
4-Mostly	40	66.1	
5-Definitely	19	30.6	
Total	62	100	

CO2:Are you ready to study advanced of this subject?

Score	No of students	percentage	 <ul style="list-style-type: none"> A. No B. Neutral C. Yes
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderate	5	8.1	
4-Mostly	33	53.2	
5-Definitely	24	38.7	
Total	62	100	



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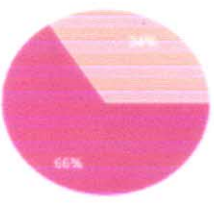
Department of Information Technology

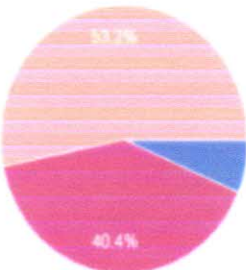
Academic year -2019-20(Odd)

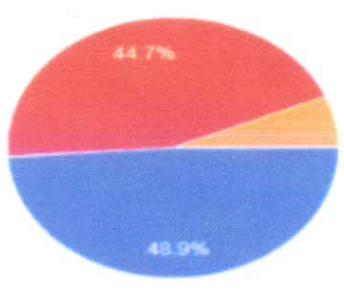
Course Exit Analysis Report(SEM V)

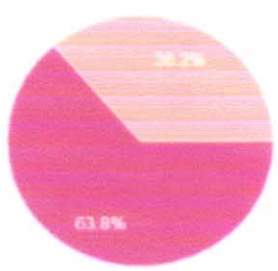
Subject-Microcontroller and Embedded Programming

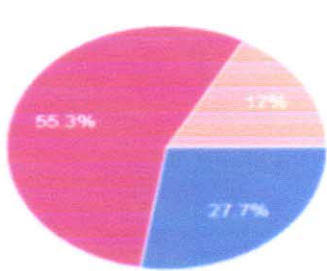
Subject Teacher-Prof.Anuradha D

CO1: On what scale, contents learned in practical hours are sufficient to understand the course?			 <ul style="list-style-type: none"> Insufficient Sufficient Adequately sufficient
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderate	0	0	
4-Mostly	31	66	
5-Definitely	16	34	
Total	47	100	

CO2:Are you ready to study advanced of this subject?			 <ul style="list-style-type: none"> No Neutral Yes
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderate	4	7.8	
4-Mostly	19	40.4	
5-Definitely	25	53.2	
Total	47	100	

CO3:Are you able to write assembly level program?			
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderate	23	48.9	
4-Mostly	21	44.7	
5-Definitely	3	6.4	
Total	47	100	

CO5: on what scale the contents learned in theory hours are sufficient to design combinational circuits and sequential circuits?			
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderate	17	36.2	
4-Mostly	30	63.8	
5-Definitely	0	0	
Total	47	100	

CO6:On what scale you are able to understand 8051 Microcontroller?			
Score	No of students	percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderate	13	27.7	
4-Mostly	26	55.3	
5-Definitely	8	17	
Total	47	100	

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Action taken based on feedback from students

Academic Year 2019-20 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.NO	PROGRAM	COURSE	FEEDBACK RECEIVED	ACTION TAKEN
1	IT	IP	JavaScript ES6 vs ES5 and new features in ES6	Provided content beyond syllabus
2	IT	ADMT	transaction processing	Provided content


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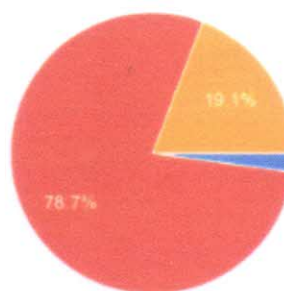
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject:Wireless Network(WN)
SUBJECT I/C:Vaishali Jadhav

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	1	2.2
4. Mostly	9	19.1
5.Definitely	37	78.7
Total	47	100

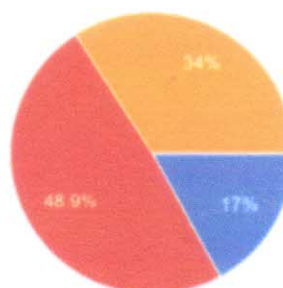
47 responses



Co2 . Are you interested to study advanced contents of this subject?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	16	34
4. Mostly	23	48.9
5.Definitely	8	17
Total	47	100

47 responses





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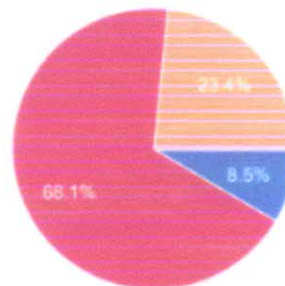
Kharghar, Navi Mumbai - 410 210.

Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Wireless Network(WN)
SUBJECT I/C:Vaishali Jadhav

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	11	23.4
4. Mostly	32	68.1
5.Definitely	4	8.5
Total	47	100

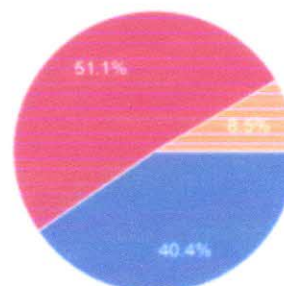
47 responses



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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	4	8.5
4. Mostly	24	51.1
5.Definitely	19	40.4
Total	47	100

47 responses





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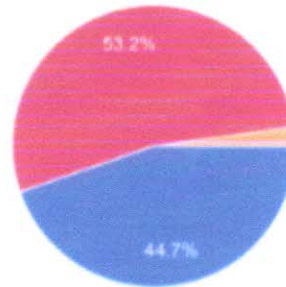
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Wireless Network(WN)
SUBJECT I/C: Vaishali Jadhav

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	1	2.1
4. Mostly	25	53.2
5.Definitely	21	44.7
Total	47	100

47 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

47 responses

No

Nope

Cellular network design problem

no

All

No not needed

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Course Exit Analysis Report (SEM VI)

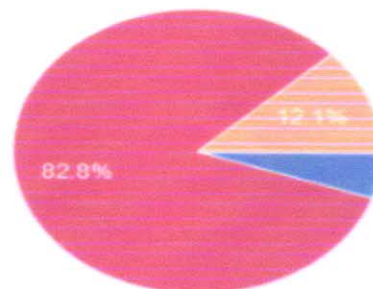
Subject: Software Engineering and project management

SUBJECT I/C: Kirti Mhmamunkar

Co1 : On what scale , contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	12.1
4. Mostly	48	82.8
5 Definitely	3	5.1
Total	58	100

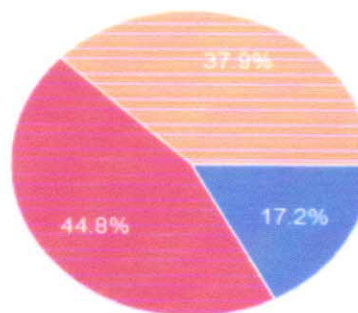
58 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	22	37.9
4. Mostly	26	44.8
5.Definitely	10	17.2
Total	58	100

58 responses





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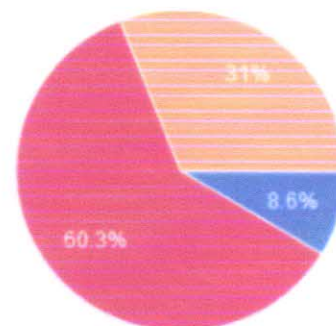
Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)

Subject: Software Engineering and project management
SUBJECT I/C: Kirti Mhmamunkar

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	18	31
4. Mostly	35	60.3
5. Definitely	5	8.6
Total	58	100

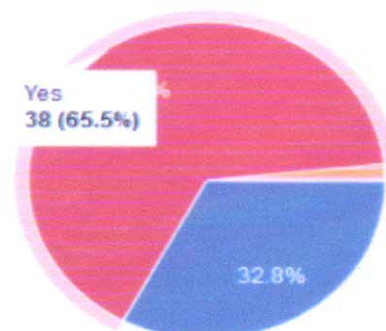
58 responses



Co 4. Have you understood significance of software engineering in industries ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	1	1.7
4. Mostly	38	65.5
5. Definitely	19	32.8
Total	58	100

58 responses





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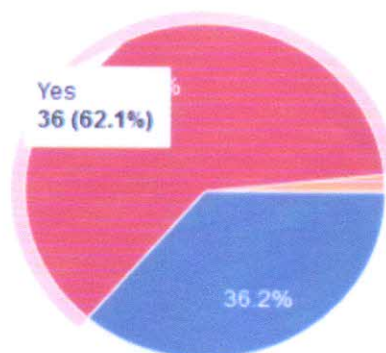
Subject: Software Engineering and project management

SUBJECT I/C: Kirti Mhmamunkar

Co 5. Have you understood significance of software testing in industries ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	1	1.7
4. Mostly	36	62.1
5. Definitely	21	36.2
Total	58	100

58 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

58 responses

No

SE

No it's perfect

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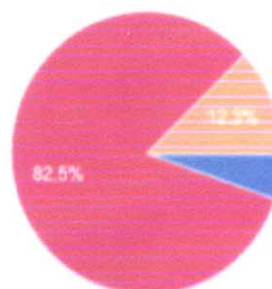
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Cloud Computing And Services
SUBJECT I/C: Vrushali Thakur

Co1 : On what scale , contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	12.3
4. Mostly	47	82.5
5.Definitely	3	5.2
Total	57	100

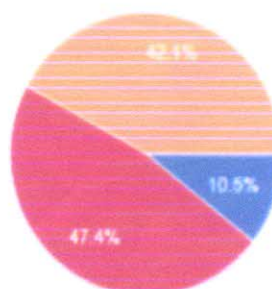
57 responses



Co2 . Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	24	42.1
4. Mostly	27	47.4
5.Definitely	6	10.5
Total	57	100

57 responses





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Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)

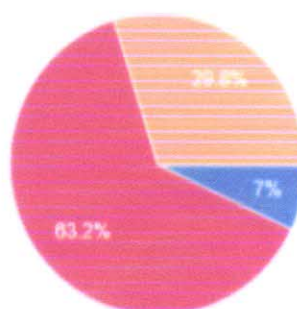
Subject: Cloud Computing And Services

SUBJECT I/C: Vrushali Thakur

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	17	29.8
4. Mostly	36	63.2
5.Definitely	4	7
Total	57	100

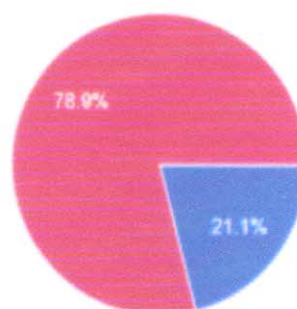
57 responses



Co 4. Are you able to understand basic concepts of cloud computing ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	0	0
4. Mostly	45	78.9
5.Definitely	12	21.1
Total	57	100

57 responses





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Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)

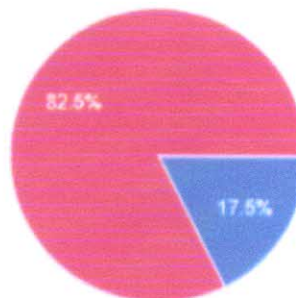
Subject: Cloud Computing And Services

SUBJECT I/C: Vrushali Thakur

Co 5. Have you understood need of cloud computing ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	0	0
4. Mostly	47	82.5
5. Definitely	10	17.5
Total	57	100

57 responses



Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

7 responses

No
no
CC
63
All
Nope
Basic concepts of cloud computing

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Course Exit Analysis Report (SEM VI)

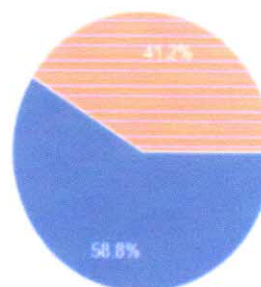
Subject: Advance Internet Programming

SUBJECT I/C: Navdeep Bagga

Co1 : On what scale , contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	41.2
4. Mostly	0	0
5.Definitely	10	58.8
Total	17	100

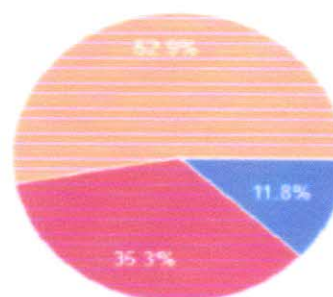
17 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	9	52.9
4. Mostly	6	35.3
5.Definitely	2	11.8
Total	17	100

17 responses





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Course Exit Analysis Report (SEM VI)

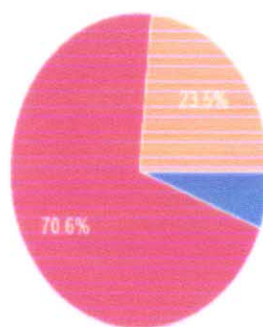
Subject: Advance Internet Programming

SUBJECT I/C: Navdeep Bagga

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	4	23.5
4. Mostly	12	70.6
5.Definitely	1	5.9
Total	17	100

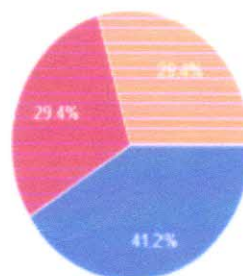
17 responses



Co 4. We used variety of technologies like XML , AJAX , framework , Web semantics . was this useful or you would like to see few/ more of other tools .

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	5	29.4
4. Mostly	5	29.4
5.Definitely	7	41.2
Total	17	100

17 responses





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Course Exit Analysis Report (SEM VI)

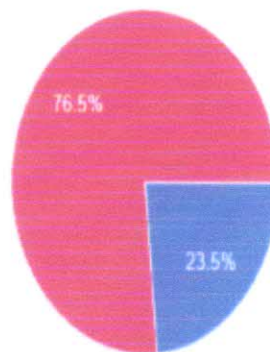
Subject: Advance Internet Programming

SUBJECT I/C: Navdeep Bagga

Co 5. Will you be able to apply techniques learned in the subject ?

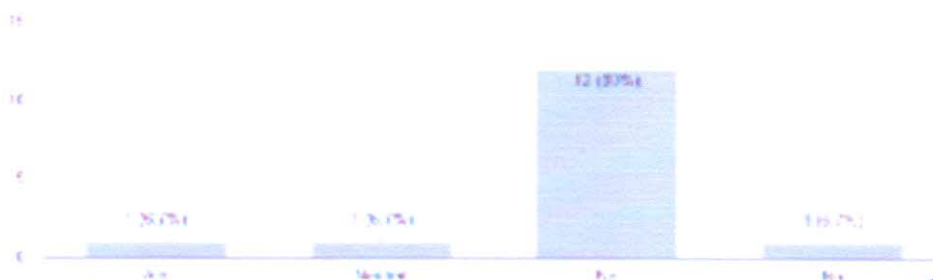
Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	0	0
4. Mostly	13	76.5
5. Definitely	4	23.5
Total	17	100

17 responses



e. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus ? *

15 responses



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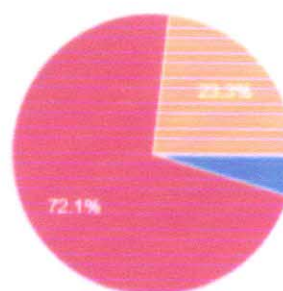
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Digital Forensics
SUBJECT I/C: Ragini Sharma

Co1 : On what scale, contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	10	23.3
4. Mostly	31	72.1
5. Definitely	2	4.6
Total	43	100

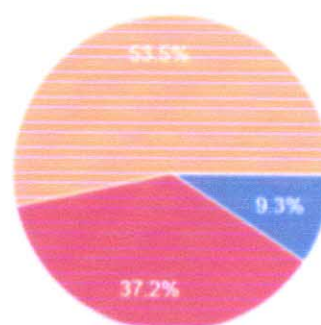
43 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	23	53.5
4. Mostly	16	37.2
5. Definitely	4	9.3
Total	43	100

43 responses





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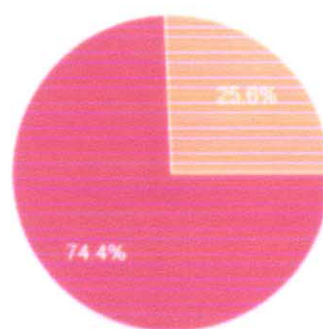
Subject: Digital Forensics

SUBJECT I/C: Ragini Sharma

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	11	25.6
4. Mostly	32	74.4
5.Definitely	0	0
Total	43	100

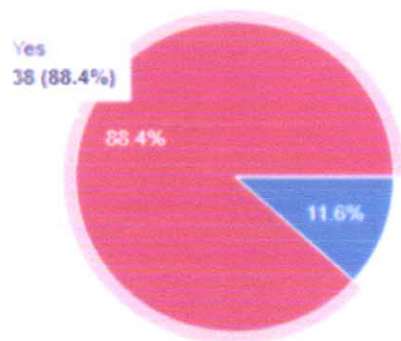
43 responses



Co 4. Are you able to categorize different types of cyber crimes ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	0	0
4. Mostly	38	88.4
5.Definitely	5	11.6
Total	43	100

43 responses





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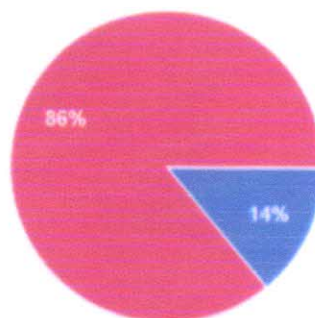
Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)

Subject: Digital Forensics
SUBJECT I/C: Ragini Sharma

Co 5. Have you understood significance of evidence and there types in digital forensics?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	0	0
4. Mostly	37	86
5.Definitely	6	14
Total	43	100

43 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

43 responses

No

no

All

No

Nope

Yes.

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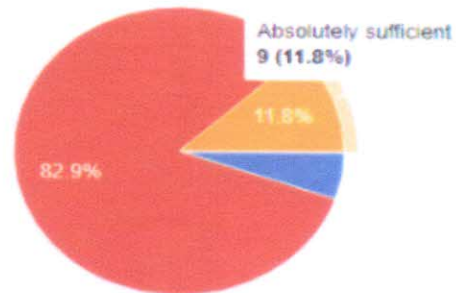
Kharghar, Navi Mumbai - 410 210.

Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Data Mining and Business Intelligence (DMBI)
SUBJECT I/C: Pragati Pejlekar

Co1 : On what scale, contents learned in practical hours are sufficient to understand course?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	9	11.8
4. Mostly	63	82.9
5. Definitely	4	5.3
Total	76	100

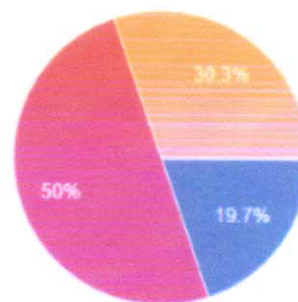
76 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	23	30.3
4. Mostly	38	50
5. Definitely	15	19.7
Total	76	100

76 responses





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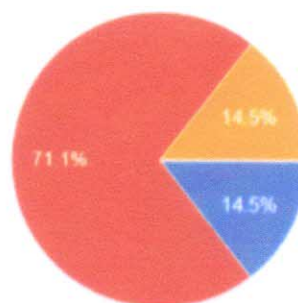
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Data Mining and Business Intelligence (DMBI)
SUBJECT I/C: Pragati Pejlekar

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	11	14.5
4. Mostly	54	71.1
5. Definitely	11	14.5
Total	76	100

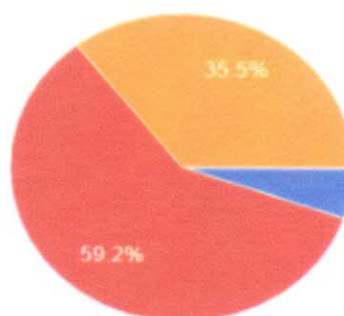
76 responses



Co 4. Are you be able to apply proper algorithm for specific application ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	27	35.5
4. Mostly	45	59.2
5. Definitely	4	5.3
Total	76	100

76 responses





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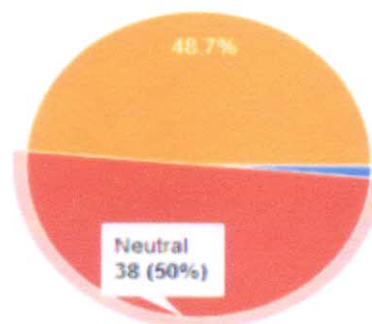
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VI)
Subject: Data Mining and Business Intelligence (DMBI)
SUBJECT I/C: Pragati Pejlekar

Co 5. BI and DSS are useful tools in data mining?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	37	48.7
4. Mostly	38	50
5. Definitely	1	1.3
Total	76	100

76 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

39 responses



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Department of Information Technology
Action taken based on feedback from students (CO & PO)
Academic year 2019-20-EVEN

Summary of feedback -Semester 6:

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	Cloud Computing Services	https://www.youtube.com/watch?v=PpX7TuR6DCY	25/2/2020
2	DF -Social Engineering	Provided content beyond syllabus for types of Social Engineering	As required
3	Extra practice for java programming	Provided content and programs beyond syllabus for java	As required


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Department of Information Technology

Academic year -2019-20(Odd)

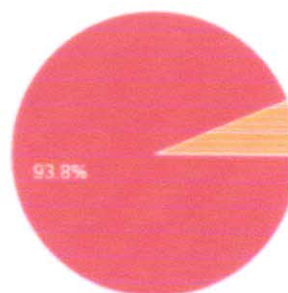
Course Exit Analysis Report(SEM VII)

Subject-AI&IS

Subject Teacher-Prof. Pravin Shinde

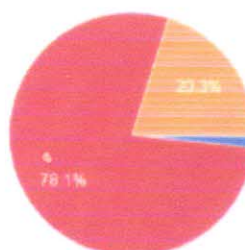
CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	0	0
4-Mostly	60	93.8
5-Definitely	4.6	7.2
Total	64	100

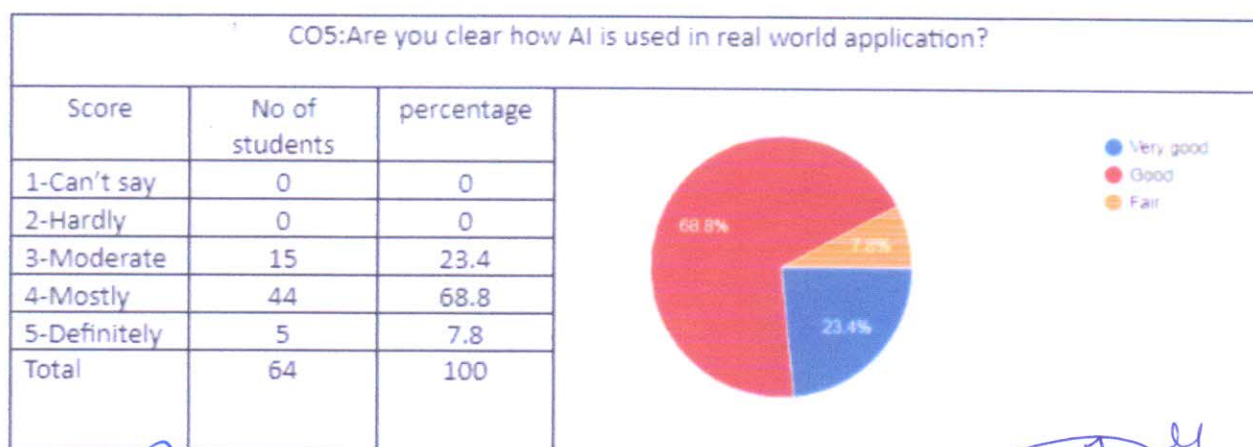
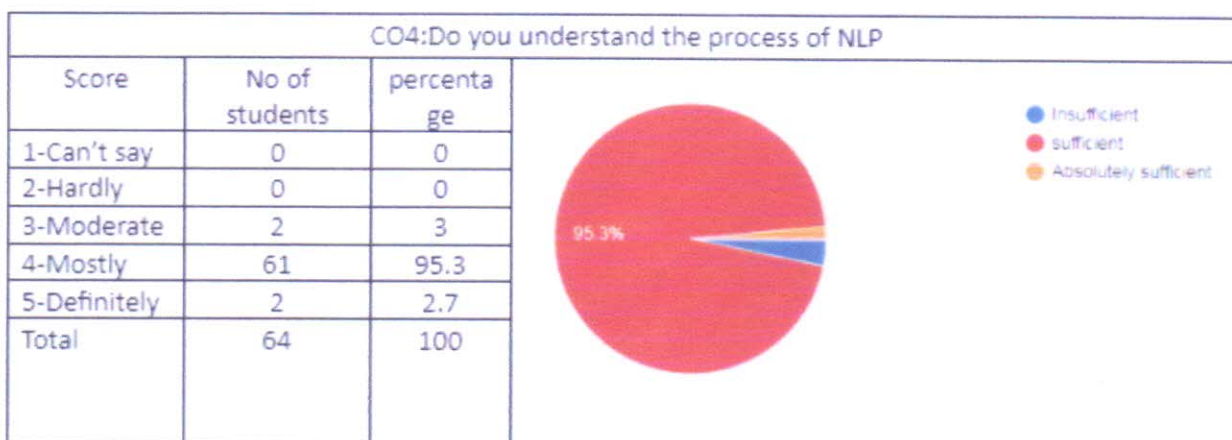
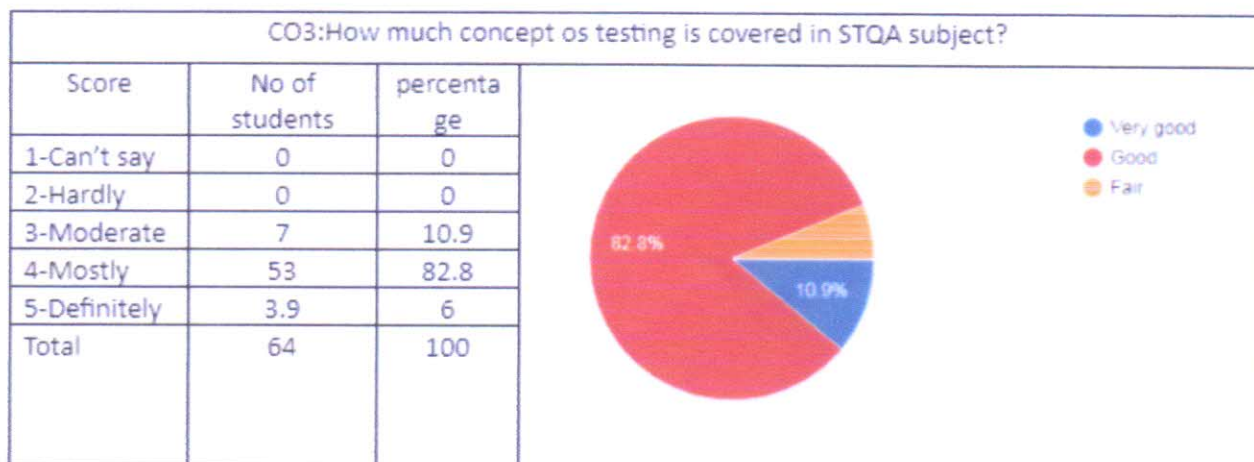


CO2:How interesting is the subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	1	2
4-Mostly	50	78.1
5-Definitely	13	20.3
Total	64	100



● No
 ● Neutral
 ● Yes



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Academic year -2019-20(Odd)

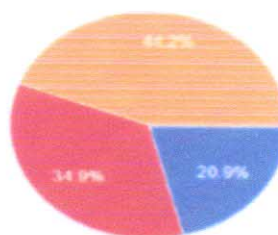
Course Exit Analysis Report(SEM VII)

Subject-Cyber Security and Laws

Subject Teacher-Prof. Ragini Sharma

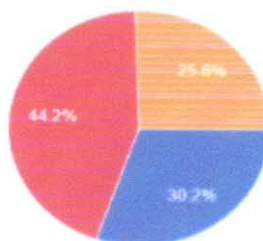
CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

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



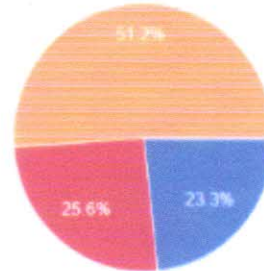
CO2:How interesting is the subject?

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



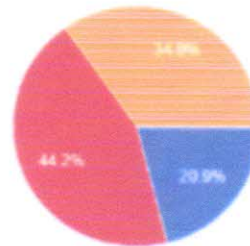
CO3:Are you able to understand the different Cyber crime?

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



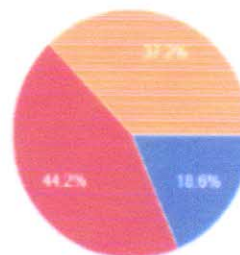
CO4:How did you understand the concept of botnets?

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:Do you want to study advanced concept of this?

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 -2019-20(Odd)

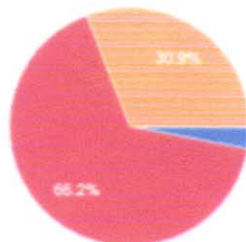
Course Exit Analysis Report(SEM VII)

Subject-END

Subject Teacher- Prof.Vaishali Jadhav

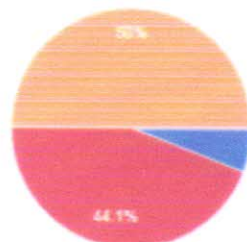
CO1:On what scale the contents learned in theory and practical are sufficient to understand the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	2	2.9
4-Mostly	45	66.2
5-Definitely	21	30.9
Total	68	100



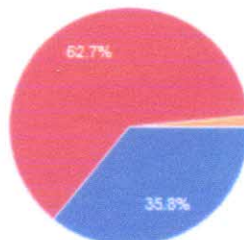
CO2: Are you willing to study the advanced subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	4	5.9
4-Mostly	30	44.1
5-Definitely	34	50
Total	68	100



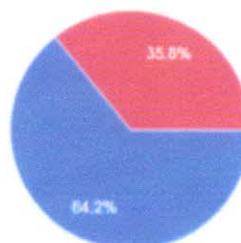
CO3: Have you understood the designing basic campus ?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	24	35.8
4-Mostly	43	62.7
5-Definitely	1	1.5
Total	68	100



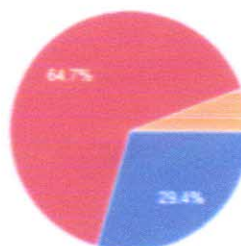
CO4: can you design enterprise network for given user requirements?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	44	64.2
4-Mostly	24	35.8
5-Definitely	0	0
Total	68	100



CO5: Have you understood remote connectivity?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	20	29.4
4-Mostly	44	64.7
5-Definitely	4	5.9
Total	68	100



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Department of Information Technology

Academic year -2019-20(Odd)

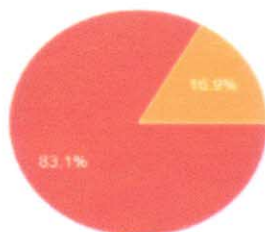
Course Exit Analysis Report(SEM VII)

Subject-IS

Subject Teacher-Prof. Vrushali Thakur

CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

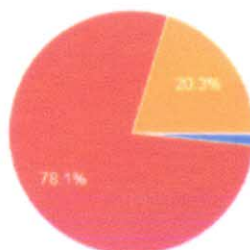
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	0	0
4-Mostly	68	83.1
5-Definitely	14	16.9
Total	82	100



A. Insufficient
 B. Sufficient
 C. Absolutely Sufficient

CO2:How interesting is the subject?

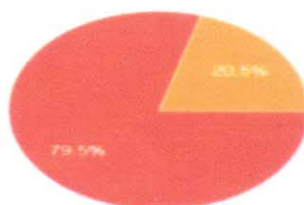
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	1	2
4-Mostly	64	78.1
5-Definitely	17	20.3
Total	82	100



No
 Neutral
 Yes

CO3:Will you apply the knowledge gained in the industry?

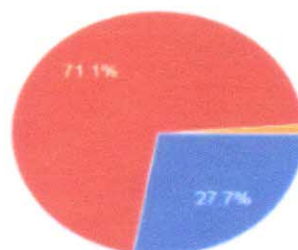
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	0	0
4-Mostly	65	79.5
5-Definitely	17	20.5
Total	82	100



● A. Rarely
● B. Sometime
● C. Frequently

CO4:can you find security breaches in the computer system?

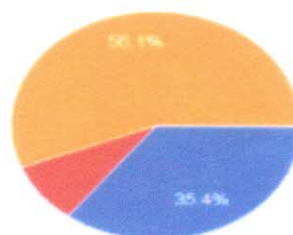
Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	23	27.7
4-Mostly	59	71.1
5-Definitely	1	2
Total	82	100



● Neutral
● Yes
● No

CO5:Did you understand the infrastructure security required in different areas of computer security ?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	29	35.4
4-Mostly	32	4
5-Definitely	46	56.1
Total	82	100



● YES
● No
● MAY BE

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Academic year -2019-20(Odd)

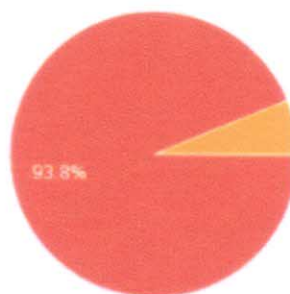
Course Exit Analysis Report(SEM VII)

Subject-STQA

Subject Teacher-Prof. Shraddha Subhedar

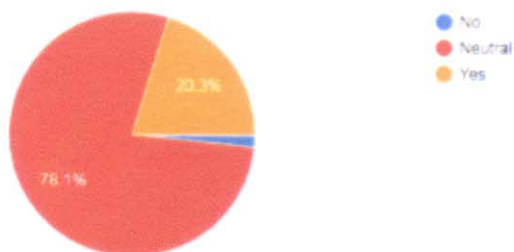
CO1: On what basis the contents learned in theory hours are sufficient to learn the course?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	0	0
4-Mostly	60	93.8
5-Definitely	4.6	7.2
Total	64	100



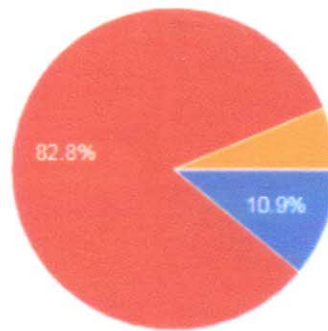
CO2:How interesting is the subject?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	1	2
4-Mostly	50	78.1
5-Definitely	13	20.3
Total	64	100



CO3:How much concept os testing is covered in STQA subject?

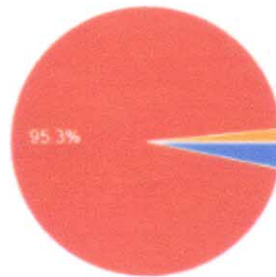
Score	No of students	percenta ge
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	7	10.9
4-Mostly	53	82.8
5-Definitely	3.9	6
Total	64	100



● Very go
● Good
● Fair

CO4:on what scale you have understood the significance of software testing in industries?

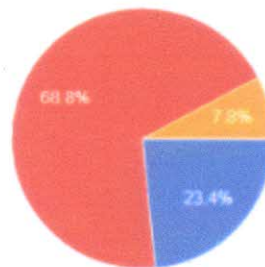
Score	No of students	percenta ge
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	2	3
4-Mostly	61	95.3
5-Definitely	2	2.7
Total	64	100



● Insufficient
● sufficient
● Absolutely sufficient

CO5:on what scale did you understand the difference verification and validation?

Score	No of students	percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderate	15	23.4
4-Mostly	44	68.8
5-Definitely	5	7.8
Total	64	100



● Very good
● Good
● Fair

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DEPARTMENT OF INFORMATION TECHNOLOGY

Action taken based on feedback from students

Academic Year 2019-20 ODD

Summary of feedback(Semester 7):

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	IS	Data Protection in Cloud	Provided the following you tube link https://youtu.be/xgDc5t-RLMU
2	IT	CYBER SECURITY	To provide a session with industry experts	Seminar was conducted on cyber security (30-9-2019)

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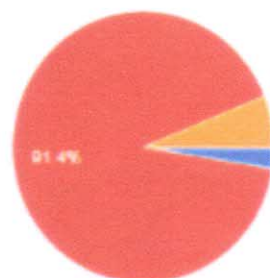
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Internet Of Everything (IOE)
SUBJECT I/C: Vrushali Thakur

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	5	6.6
4. Mostly	74	91.4
5. Definitely	2	2
Total	81	100

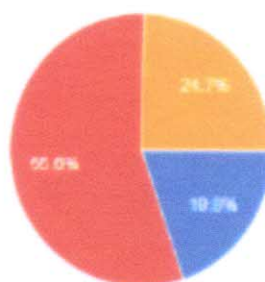
81 responses



Co2. Are you interested to study advanced contents of this subject?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	20	24.7
4. Mostly	45	55.6
5. Definitely	16	19.8
Total	81	100

81 responses





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Course Exit Analysis Report (SEM VIII)

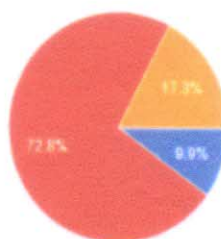
Subject: Internet Of Everything (IOE)

SUBJECT I/C: Vrushali Thakur

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	14	17.3
4. Mostly	59	72.8
5. Definitely	8	9.9
Total	81	100

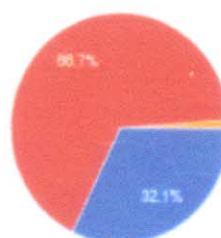
81 responses



Co 4. Have you understood how IOT is improving wireless communication in today's era?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	1	1.2
4. Mostly	54	66.7
5. Definitely	26	32.1
Total	81	100

81 responses





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Course Exit Analysis Report (SEM VIII)

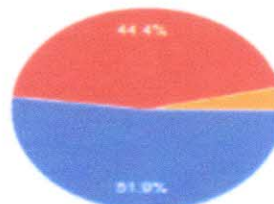
Subject: Internet Of Everything (IOE)

SUBJECT I/C: Vrushali Thakur

Co 5 . Can you improve and organize your daily task with help of IOE ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	3	3.7
4. Mostly	36	44.4
5. Definitely	42	51.9
Total	81	100

81 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

81 responses

No

no

No

NO

Yes

HOD (IT)

PRINCIPAL (SCOE)

HOD
 Department of
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PRINCIPAL
 Saraswati College of Engineering
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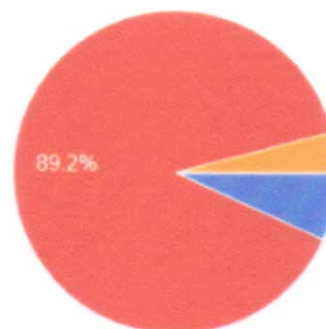
Kharghar, Navi Mumbai - 410 210.

Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Enterprise Resource Planning(ERP)
SUBJECT I/C: Pragati Pejlekar

Co1 : On what scale , contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	3	4
4. Mostly	66	89.2
5.Definitely	5	6.8
Total	74	100

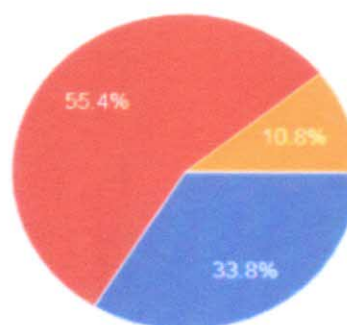
74 responses



Co2 . Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	8	10.8
4. Mostly	41	55.4
5.Definitely	25	33.8
Total	74	100

74 responses





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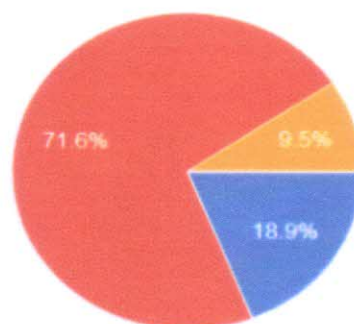
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Enterprise Resource Planning(ERP)
SUBJECT I/C: Pragati Pejlekar

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	7	9.5
4. Mostly	53	71.6
5.Definitely	14	18.9
Total	74	100

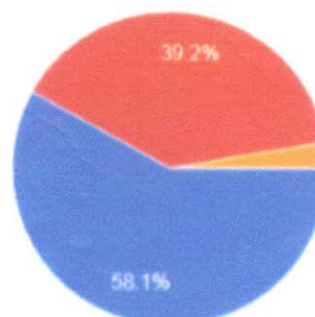
74 responses



Co 4. Have you understood significance of ERP in industries ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	2	2.7
4. Mostly	29	39.2
5.Definitely	43	58.1
Total	74	100

74 responses





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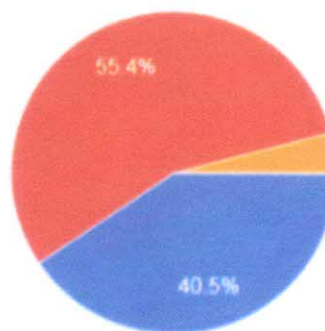
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Enterprise Resource Planning(ERP)
SUBJECT I/C: Pragati Pejlekar

Co 5. Have you understood the use of ERP in E - commerce and E - Business ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	3	4.1
4. Mostly	41	55.4
5. Definitely	30	40.5
Total	74	100

74 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

No
no
Yes
No
NO
A bit
No
Yes ERP technology

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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)

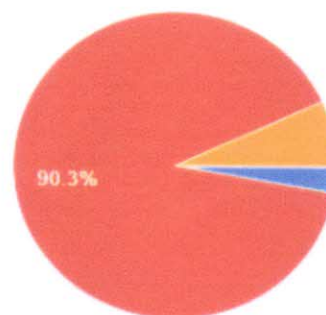
Subject: Devops

SUBJECT I/C: Ragini Sharma

Co1 : On what scale , contents learned in practical are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	6	8.7
4. Mostly	65	90.3
5. Definitely	1	1
Total	72	100

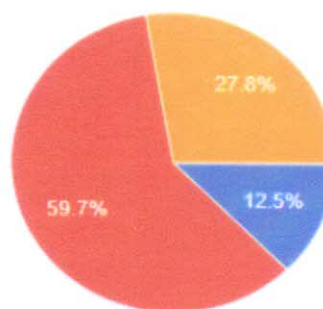
72 responses



Co2 . Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	20	27.8
4. Mostly	43	59.7
5. Definitely	9	12.5
Total	72	100

72 responses





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Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)

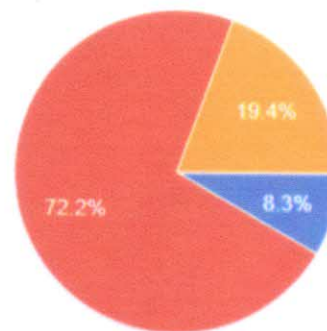
Subject: Devops

SUBJECT I/C: Ragini Sharma

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	14	19.4
4. Mostly	52	72.2
5. Definitely	6	8.3
Total	72	100

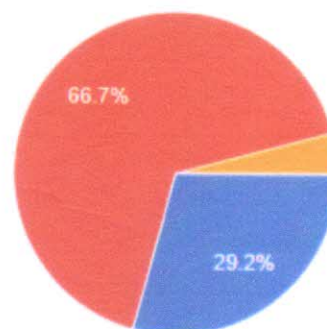
72 responses



Co 4. Are you able to push / pull repositories in Github ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	3	4.1
4. Mostly	48	66.7
5. Definitely	21	29.2
Total	72	100

72 responses





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Academic Year 2019-20 (EVEN SEM)

Course Exit Analysis Report (SEM VIII)

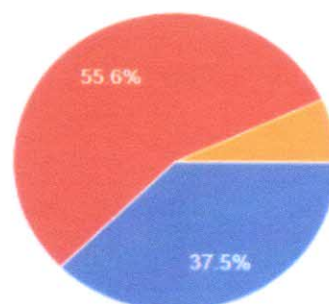
Subject: Devops

SUBJECT I/C: Ragini Sharma

Co 5. Are you able to execute aa java application in jenkins ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	5	6.9
4. Mostly	40	55.6
5. Definitely	27	37.5
Total	72	100

72 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

72 responses

No

no

NO

No

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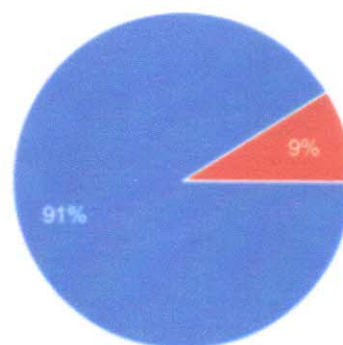
Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)

Subject: R Programming
SUBJECT I/C:Maahi K.

Co1 : On what scale, contents learned in practical hours are sufficient to understand domain knowledge?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	0	0
4. Mostly	6	9
5.Definitely	61	91
Total	67	100

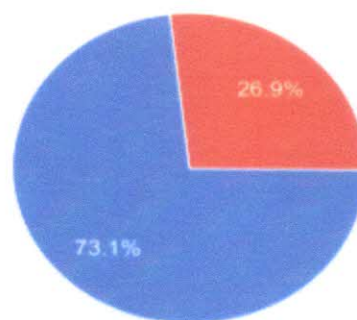
67 responses



Co2 : Are you interested to study advanced contents of this subject?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	0	0
4. Mostly	18	26.9
5.Definitely	49	73.1
Total	67	100

67 responses





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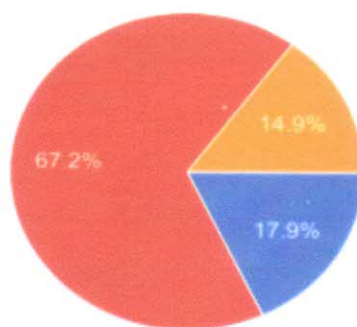
Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)

Subject: R Programming
SUBJECT I/C:Maahi K.

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	10	14.9
4. Mostly	45	67.2
5.Definitely	12	17.9
Total	67	100

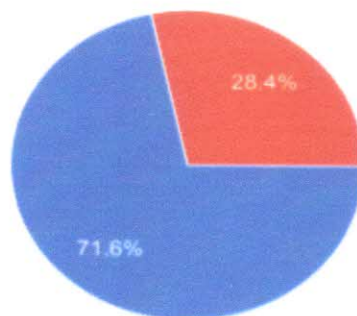
67 responses



Co 4. Are you be able to extract data from files and other sources and perform various data manipulation tasks on them and Use R Graphics and Tables to visualize results of various statistical operations on data ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	0	0
4. Mostly	19	28.4
5.Definitely	48	71.6
Total	67	100

67 responses





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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)

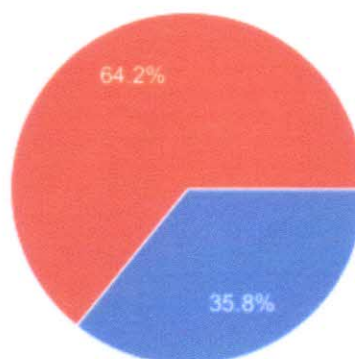
Subject: R Programming

SUBJECT I/C: Maahi K.

Co 5. Have you able to apply the knowledge of R gained to data Analytics on large real life datasets?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	0	0
4. Mostly	43	64.2
5. Definitely	24	35.8
Total	67	100

67 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

67 responses

No

no

No

NO

Yes

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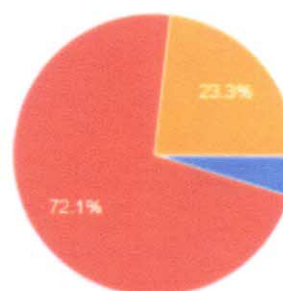
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Environmental Management
SUBJECT I/C: Sunita Pal

Co1 :On what scale, contents learned in theory are sufficient to understand course?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	10	23.3
4. Mostly	31	72.1
5.Definitely	2	4.6
Total	43	100

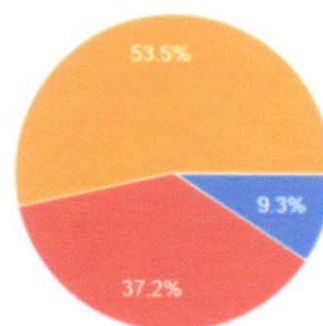
43 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	23	53.5
4. Mostly	16	37.2
5.Definitely	4	9.3
Total	43	100

43 responses





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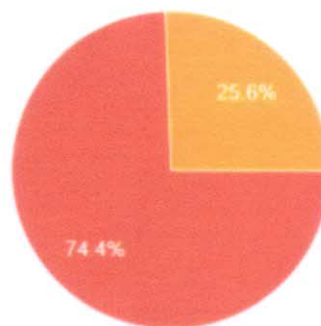
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Environmental Management
SUBJECT I/C: Sunita Pal

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

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	11	25.6
4. Mostly	32	74.4
5.Definitely	0	0
Total	43	100

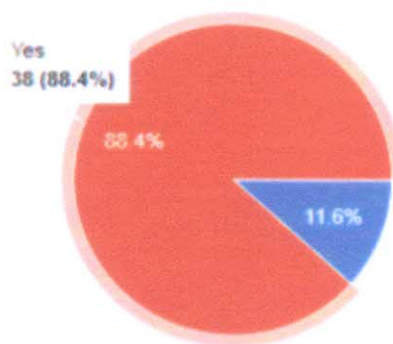
43 responses



Co 4 .Have you understood interdependencies between living organisms?

Score	No of student	Percentage
1.can't say	0	0
2.Hardly	0	0
3.Moderately	0	0
4. Mostly	38	88.4
5.Definitely	5	11.6
Total	43	100

43 responses





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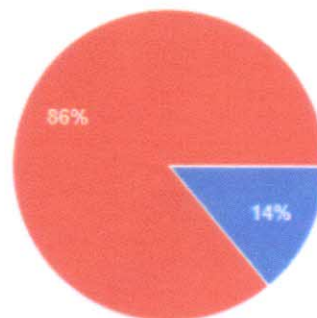
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Environmental Management
SUBJECT I/C: Sunita Pal

Co 5. Have you understood global environment concerns ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	0	0
4. Mostly	37	86
5. Definitely	6	14
Total	43	100

43 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

43 responses

No

no

All

No

Nope

Yes

Malee
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[Signature]
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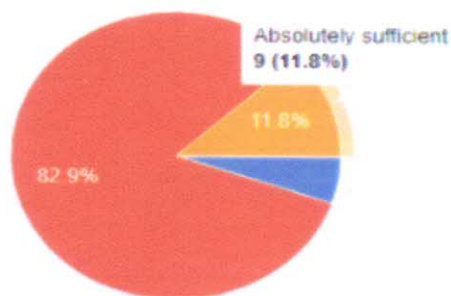
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Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: Big Data Analytics
SUBJECT I/C: Diksha Kumar

Co1 : On what scale, contents learned in practical hours are sufficient to understand course?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	9	11.8
4. Mostly	63	82.9
5. Definitely	4	5.3
Total	76	100

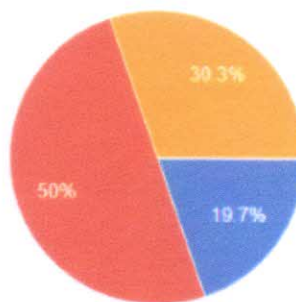
76 responses



Co2 : Are you interested to study advance contents of this subject ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	23	30.3
4. Mostly	38	50
5. Definitely	15	19.7
Total	76	100

76 responses





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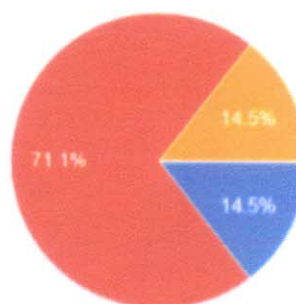
Department of Information Technology
Academic Year 2019-20 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)

Subject: Big Data Analytics
SUBJECT I/C: Diksha Kumar

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

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	11	14.5
4. Mostly	54	71.1
5. Definitely	11	14.5
Total	76	100

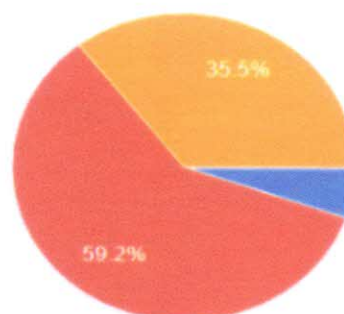
76 responses



Co 4. Have you understood techniques and principles in big data analytics ?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	27	35.5
4. Mostly	45	59.2
5. Definitely	4	5.3
Total	76	100

76 responses





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Academic Year 2019-20 (EVEN SEM)

Course Exit Analysis Report (SEM VIII)

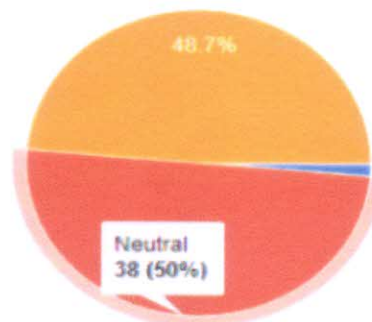
Subject: Big Data Analytics

SUBJECT I/C: Diksha Kumar

Co 5. Are you able to handle different Big data sources in real world?

Score	No of student	Percentage
1. can't say	0	0
2. Hardly	0	0
3. Moderately	37	48.7
4. Mostly	38	50
5. Definitely	1	1.3
Total	76	100

76 responses



6. Do you think syllabus needs revision? If yes, which topic do you think should be included in syllabus?

39 responses



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Department of Information Technology
Action taken based on feedback from students
Academic year 2019-20-EVEN

Summary of feedback -Semester 8:


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	ERP technologies need extra content to understand concepts	Contents provided https://www.oreilly.com/library/view/enterprise-resource-planning/9789332524583/xhtml/chapter010.xhtml	3/2/2020
2	IOE need extra content to understand concepts of - Module 5 Mobility and Settings	Contents provided localization and handover management- https://slideplayer.com/slide/258507/	March/2020
3	Students need extra support for BE projects	Seminar on Trending Technologies for Projects conducted	28/1/2020
4	Students want extra labs hourse for BE project	Labs given with needed software support	As required


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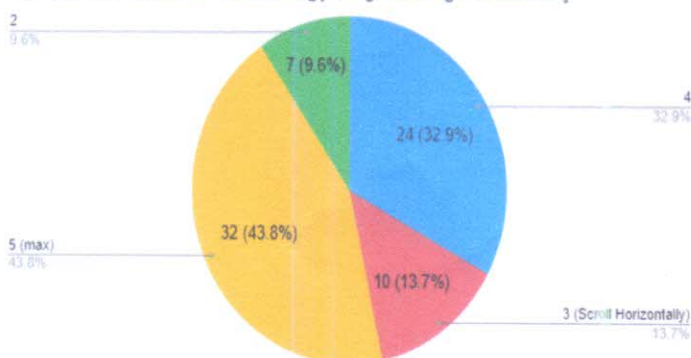
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Department of Information Technology
Academic Year: 2019-2020

Program Exit Analysis Report

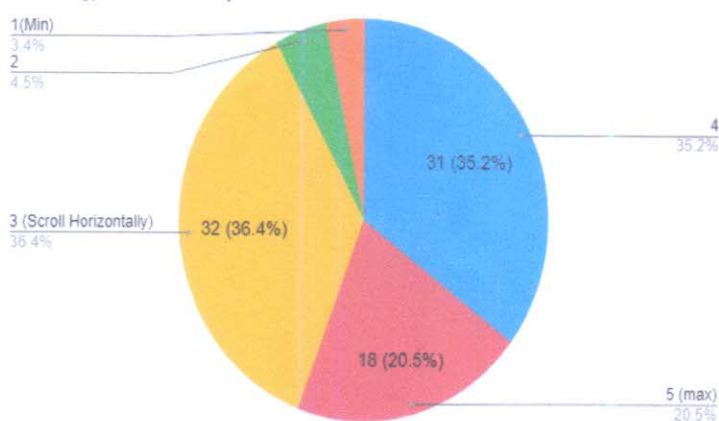
Score	No. of students	%
1-can't say	0	0
2-least relevant	7	9.6
3- moderately relevant	10	13.7
4- Relevant	24	33.8
5 – strongly Relevant	32	45.1
total	88	100

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



Score	No. of students	%
1-can't say	1	3.4
2-least relevant	2	4.5
3- moderately relevant	32	36.4
4- Relevant	31	35.2
5 – strongly Relevant	18	20.5
total	88	100

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





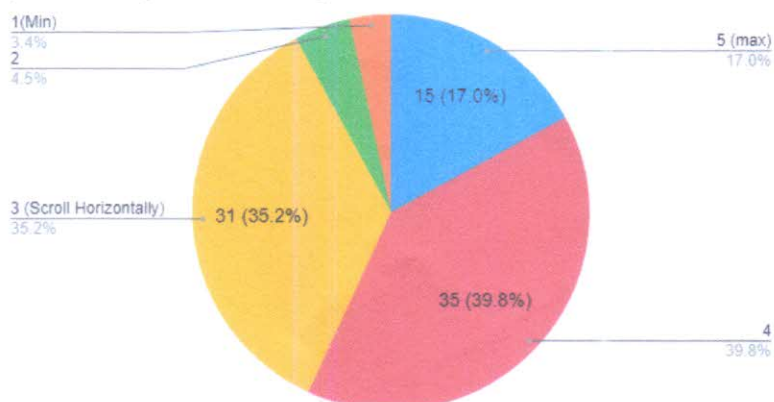
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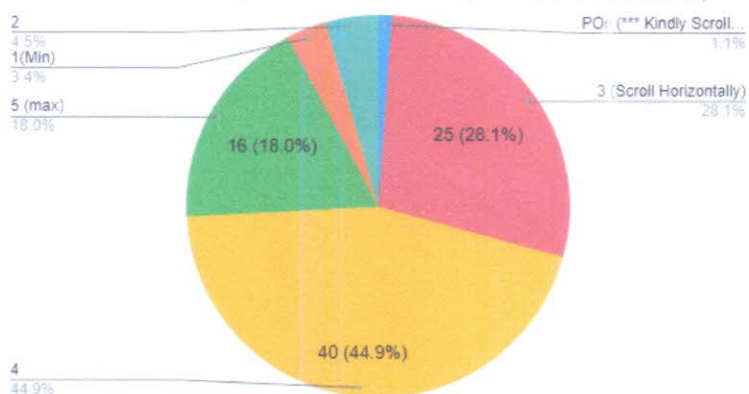
Score	No. of students	%
1-can't say	2	3.4
2-least relevant	2	4.5
3- moderately relevant	31	35.2
4- Relevant	35	39.8
5 – strongly Relevant	15	17.0
total	88	100

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



Score	No. of students	%
1-can't say	1	1.1
2-least relevant	3	4.2
3- moderately relevant	25	28.1
4- Relevant	40	44.9
5 – strongly Relevant	16	18.0
total	88	100

[PO4: Design IT System, components, Process to meet specified needs with appropriate attention to health and Safety Standards, Environmental and Societal Considerations.]





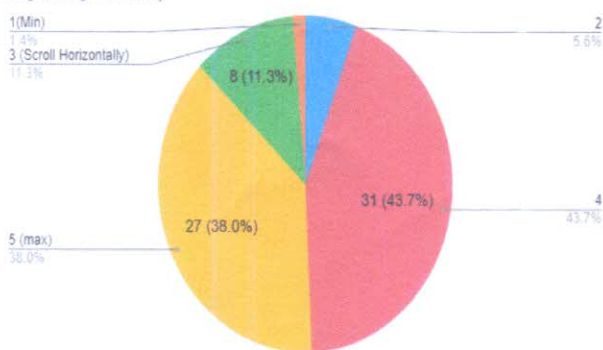
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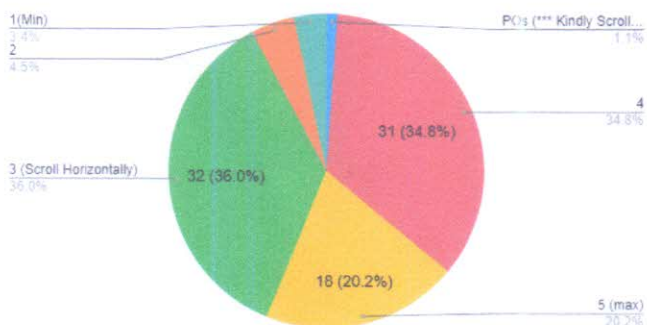
Score	No. of students	%
1-can't say	1	1.4
2-least relevant	3	5.6
3- moderately relevant	8	11.3
4- Relevant	31	43.7
5 – strongly Relevant	27	38.0
total	88	100

[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	3	3.4
2-least relevant	4	4.5
3- moderately relevant	32	36.0
4- Relevant	31	34.8
5 – strongly Relevant	18	20.2
total	88	100

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





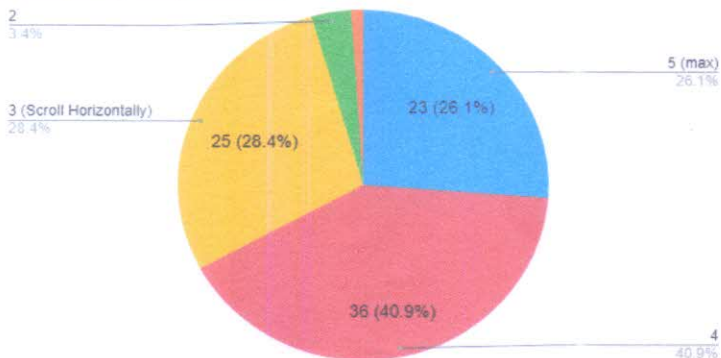
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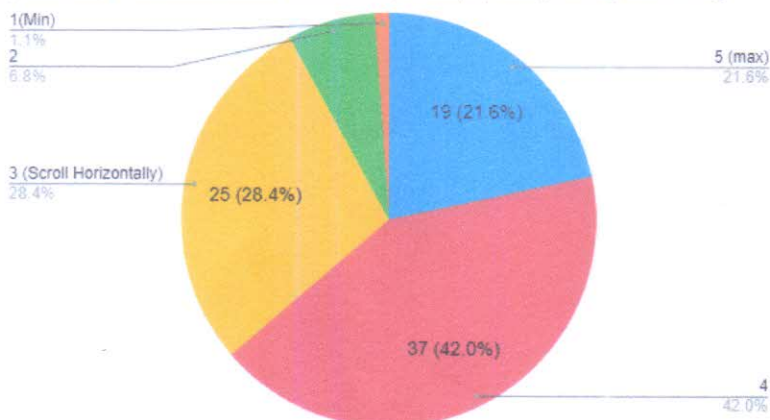
Score	No. of students	%
1-can't say	1	1.2
2-least relevant	2	3.4
3- moderately relevant	25	28.4
4- Relevant	36	40.9
5 – strongly Relevant	23	26.1
total	88	100

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



Score	No. of students	%
1-can't say	1	1.1
2-least relevant	3	6.8
3- moderately relevant	25	28.4
4- Relevant	37	42.0
5 – strongly Relevant	19	21.6
total	88	100

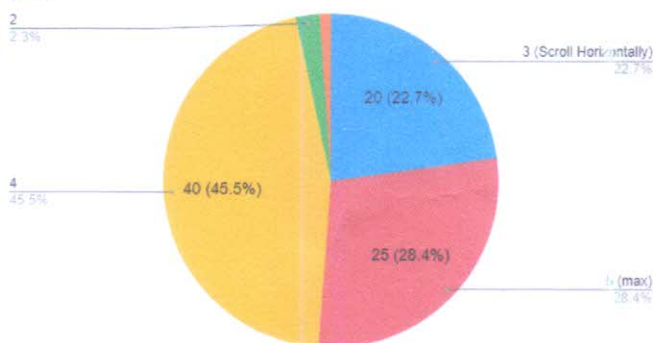
[PO8: Apply Professional ethics, accountability and equity in Engineering Profession.]





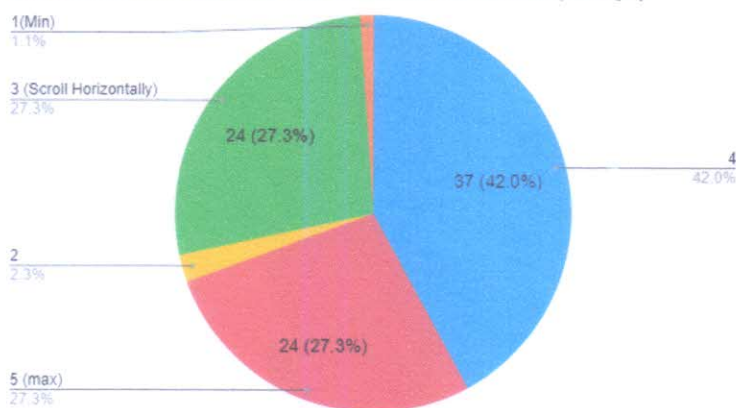
Score	No. of students	%
1-can't say	1	1.4
2-least relevant	2	2.3
3- moderately relevant	20	22.7
4- Relevant	40	45.5
5 – strongly Relevant	25	28.4
total	88	100

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



Score	No. of students	%
1-can't say	1	1.1
2-least relevant	2	2.3
3- moderately relevant	24	27.3
4- Relevant	37	42.0
5 – strongly Relevant	24	27.3
total	88	100

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





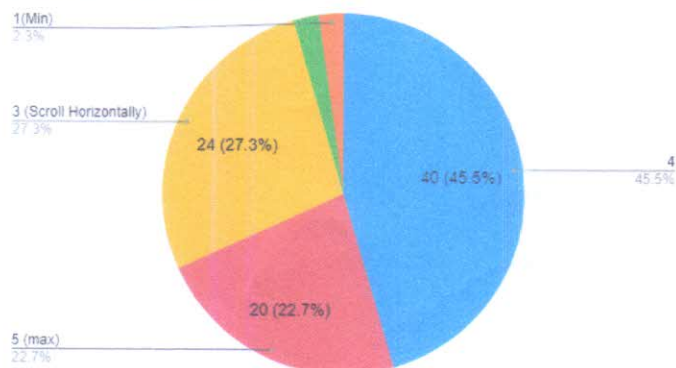
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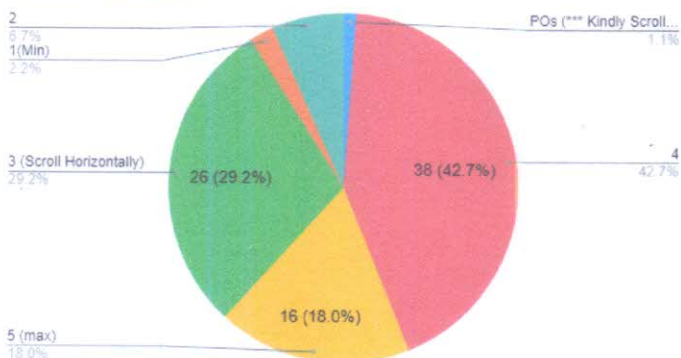
Score	No. of students	%
1-can't say	2	2.3
2-least relevant	2	2.3
3- moderately relevant	24	27.3
4- Relevant	40	45.5
5 – strongly Relevant	20	22.7
total	88	100

[PO11: Apply principles of Management]



Score	No. of students	%
1-can't say	2	2.2
2-least relevant	6	6.7
3- moderately relevant	26	29.2
4- Relevant	38	42.7
5 – strongly Relevant	16	18.0
total	88	100

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





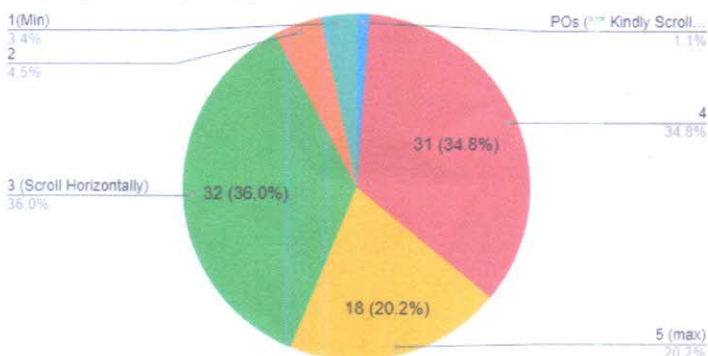
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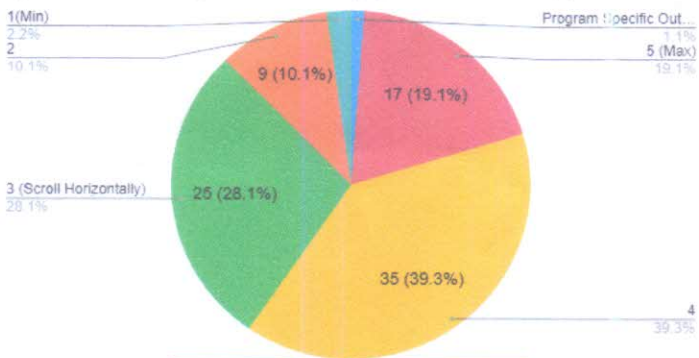
Score	No. of students	%
1-can't say	3	3.4
2-least relevant	4	4.5
3- moderately relevant	32	36.0
4- Relevant	31	34.8
5 – strongly Relevant	18	20.2
total	88	100

[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	2	2.8
2-least relevant	9	10.1
3- moderately relevant	25	28.1
4- Relevant	35	39.3
5 – strongly Relevant	17	19.1
total	88	100

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



Male

HoD, IT dept

[Signature]
Principal, scoe

HOD
Department of
Information Technology

Principal
Saraswati College of Engineering
Kharghar, Navi Mumbai - 410 210.



Department of Information Technology
Academic Year: 2019-2020

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. Technical training programmers are invited
2. Availability and adequacy of modern tools in the laboratories
3. Include industrial visit, workshop, hands-on for most of subject.
4. Opportunities provided for working in multi-disciplinary project teams.
5. Upgrade the computers facility


HOD, IT dept

HOD
Department of
Information Technology


Principal, scoe

Principal
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