



SARASWATI Education Society's
SARASWATI College of Engineering

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Kharghar, Navi Mumbai - 410 210.

ACADEMIC YEAR 2021-22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Course Exit Analysis Report (SEM III)

Subject- EM-III

Subject Teacher - Prof. Dnyaneshwar Kadam

CO1: Understand the contents of Laplace transform & its application to solve real world integrals in engineering problems.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	30	39
4-Mostly	31	41
5-Definitely	15	20
Total	76	100

CO2: Understand the concept of inverse Laplace transform of various functions and its applications in engineering problems.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	3	4
4-Mostly	36	47
5-Definitely	37	49
Total	76	100



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Course Exit Analysis Report (SEM III)

CO3: Expand the periodic function by using the Fourier series for real-life problems and complex engineering problems..		
Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	1	0
3-Moderately	5	7
4-Mostly	23	30
5-Definitely	47	62
Total	76	100

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

CO4: Understand complex variable theory, application of harmonic conjugate to get orthogonal trajectories and analytic functions.		
Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	5	7
4-Mostly	24	32
5-Definitely	45	59
Total	76	100

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



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Course Exit Analysis Report (SEM III)


CO5: Apply the concept of Correlation and Regression to the engineering problems in data science, machine learning, and AI.		
Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	1	1
3-Moderately	7	9
4-Mostly	23	30
5-Definitely	45	59
Total	76	100

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

CO6: Understand the concepts of probability and expectation for getting the spread of the data and distribution of probabilities.		
Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	2	3
4-Mostly	26	34
5-Definitely	48	63
Total	76	100

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


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN
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Course Exit Analysis Report (SEM III)

Subject- CG

Subject Teacher - Prof. Sneha Kanawade

CO1: On what scale, the contents of the syllabus are sufficient to understand the course?

Score	No. of Students	Percentage
1-Can't say	1	1
2-Hardly	2	3
3-Moderately	25	33
4-Mostly	37	49
5-Definitely	11	14
Total	76	100

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

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	3	4
3-Moderately	21	28
4-Mostly	34	45
5-Definitely	18	24
Total	76	100



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Course Exit Analysis Report (SEM III)

CO3: Do you believe you will be able to apply the knowledge in this course to solve real world problems?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	31	41
4-Mostly	29	38
5-Definitely	14	18
Total	76	100

CO4: We learned variety of concepts. Was this useful?

Score	No. of Students	Percentage
1-Can't say	1	1
2-Hardly	3	4
3-Moderately	22	29
4-Mostly	29	38
5-Definitely	21	28
Total	76	100



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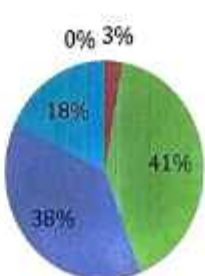
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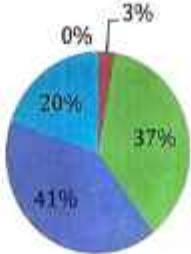
Course Exit Analysis Report (SEM III)

CO5: Will you be able to apply the techniques learned in the subject?		
Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	31	41
4-Mostly	29	38
5-Definitely	14	18
Total	76	100



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

CO6: Do you think that syllabus needs a revision?		
Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	28	37
4-Mostly	31	41
5-Definitely	15	20
Total	76	100



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

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Course Exit Analysis Report (SEM III)

Subject- Data Structures

Subject Teacher - Prof. Monali Deshmukh

CO1: Identify functionalities of Data Structure of a computer based system to solve a engineering problem.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	27	36
4-Mostly	32	42
5-Definitely	15	20
Total	76	100

CO2: To produce a variety of potential design solutions suited to meet functional requirements for implementation of stack and queue.

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	31	41
4-Mostly	29	38
5-Definitely	14	18
Total	76	100



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Course Exit Analysis Report (SEM III)

CO3: Identify different linked list techniques for engineering activities.

Score	No. of Students	Percentage
1- Can't say	0	0
2-Hardly	2	3
3-Moderately	31	41
4-Mostly	29	38
5-Definitely	14	18
Total	76	100

Legend for CO3:

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

CO4: Able to choose appropriate tree traversal method to conduct the experiment.

Score	No. of Students	Percentage
1- Can't say	0	0
2-Hardly	0	0
3-Moderately	5	7
4-Mostly	27	36
5-Definitely	44	58
Total	76	100

Legend for CO4:

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



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN
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Course Exit Analysis Report (SEM III)

CO5: Adapt graph traversal techniques to solve engineering problems.

Score	No. of Students	Percentage
1- Can't say	0	0
2-Hardly	2	3
3-Moderately	28	37
4-Mostly	31	41
5-Definitely	15	20
Total	76	100

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

CO6: Apply theory and principles searching techniques of computer science and engineering to solve an engineering problem.

Score	No. of Students	Percentage
1- Can't say	0	0
2-Hardly	0	0
3-Moderately	30	39
4-Mostly	31	41
5-Definitely	15	20
Total	76	100

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


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN
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Course Exit Analysis Report (SEM III)

Subject- DSGT

Subject Teacher - Prof. Mitrakshi Patil

CO1: On what scale, the contents of the syllabus are sufficient to understand the course?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	5	7
4-Mostly	27	36
5-Definitely	44	58
Total	76	100

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

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	3	4
3-Moderately	21	28
4-Mostly	34	45
5-Definitely	18	24
Total	76	100



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Course Exit Analysis Report (SEM III)

CO3: Do you believe you will be able to apply the knowledge in this course to solve real world problems?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	31	41
4-Mostly	29	38
5-Definitely	14	18
Total	76	100

CO4: We learned variety of concepts. Was this useful?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	3	4
4-Mostly	29	38
5-Definitely	44	58
Total	76	100



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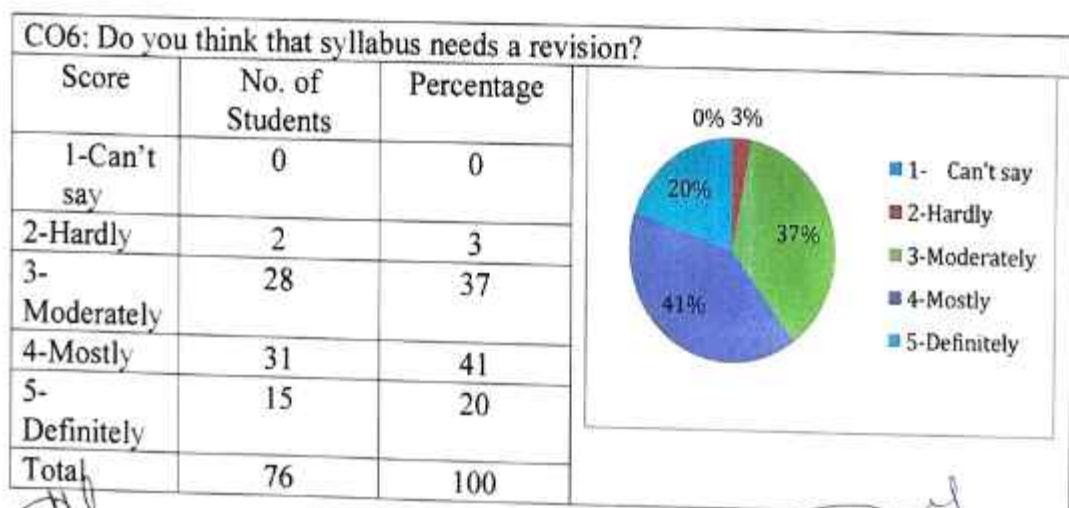
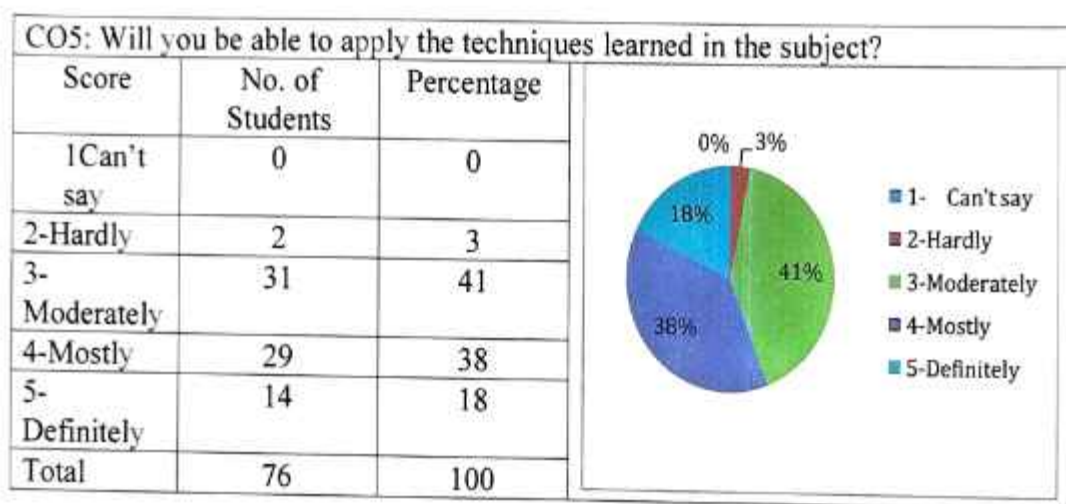
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Course Exit Analysis Report (SEM III)



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Course Exit Analysis Report (SEM III)

Subject- OOPM

Subject Teacher - Prof. Mitrakshi Patil

CO1: On what scale, the contents of the syllabus are sufficient to understand the course?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	1	1
3-Moderately	10	13
4-Mostly	32	42
5-Definitely	33	43
Total	76	100

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

Score	No. of Students	Percentage
1- Can't say	0	0
2-Hardly	1	1
3-Moderately	1	1
4-Mostly	22	29
5-Definitely	52	68
Total	76	100



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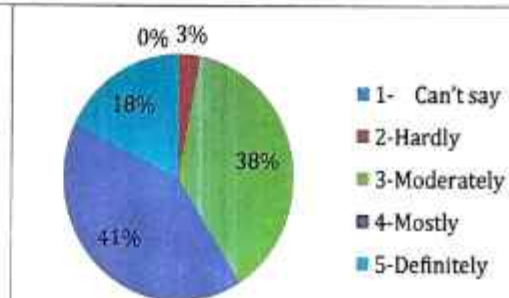
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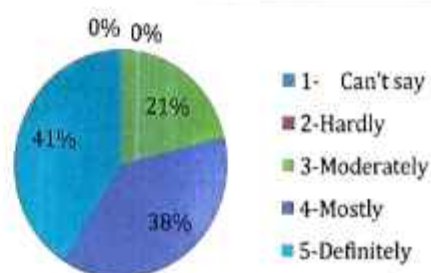
CO3: Do you believe you will be able to apply the knowledge in this course to solve real world problems?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	29	38
4-Mostly	31	41
5-Definitely	14	18
Total	76	100



CO4: We learned variety of concepts like Inheritance, exception handling. Was this useful?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	16	21
4-Mostly	29	38
5-Definitely	31	41
Total	76	100





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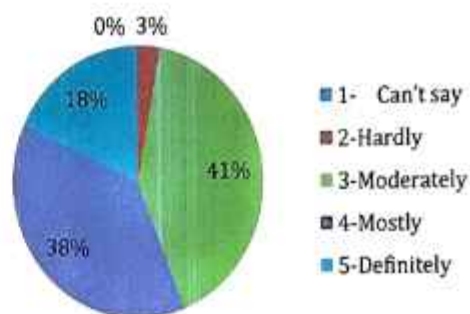
ACADEMIC YEAR 2021-22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN
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Course Exit Analysis Report (SEM III)

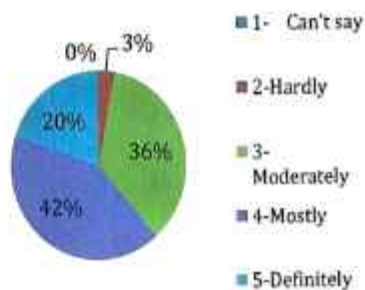
CO5: Will you be able to apply the techniques learned in the subject?

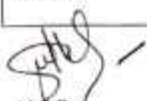
Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	31	41
4-Mostly	29	38
5-Definitely	14	18
Total	76	100

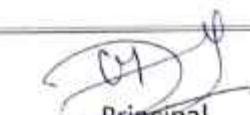


CO6: Do you think that syllabus needs a revision?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	2	3
3-Moderately	27	36
4-Mostly	32	42
5-Definitely	15	20
Total	76	100




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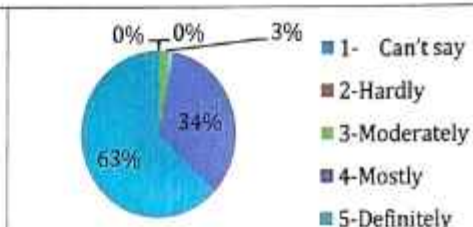
Course Exit Analysis Report (SEM III)

Subject- DLCA

Subject Teacher - Prof. Megha Pandey

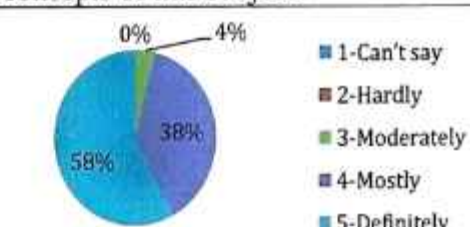
CO1: On what scale, the contents of the syllabus are sufficient to understand the course?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	3	4
4-Mostly	25	33
5-Definitely	48	63
Total	76	100



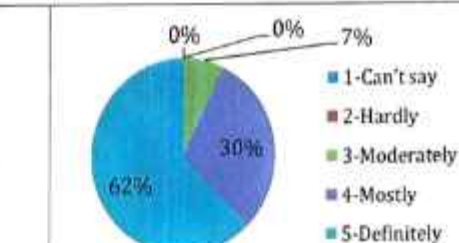
CO2: Are you interested to study advanced concepts of this subject?

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	0	0
3-Moderately	5	7
4-Mostly	27	36
5-Definitely	44	58
Total	76	100



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

Score	No. of Students	Percentage
1-Can't say	0	0
2-Hardly	1	0
3-Moderately	5	7
4-Mostly	23	30
5-Definitely	47	62
Total	76	100





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Course Exit Analysis Report (SEM III)

CO4: We learned variety of concepts. Was this useful?			
Score	No. of Students	Percentage	
1-Can't say	0	0	
2-Hardly	2	3	
3-Moderately	27	36	
4-Mostly	32	42	
5-Definitely	15	20	
Total	76	100	
CO5: Will you be able to apply the techniques learned in the subject?			
Score	No. of Students	Percentage	
1-Can't say	1	1	
2-Hardly	3	4	
3-Moderately	22	29	
4-Mostly	29	38	
5-Definitely	21	28	
Total	76	100	
CO6: Do you think that syllabus needs a revision?			
Score	No. of Students	Percentage	
1-Can't say	0	0	
2-Hardly	0	0	
3-Moderately	3	4	
4-Mostly	29	38	
5-Definitely	44	58	
Total	76	100	

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN
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ACADEMIC YEAR 2021-22 (ODD)**

Action Taken based on Feedback from Students

Summary of Feedback –Semester III:


For improvement in teaching Learning process, Course exit surveys were designed by course in-charges. Various suggestions were given by students as follows:

- Audio – Video media can be incorporated in teaching courses like Computer graphics and Data Structures.
- Detailed notes are needed for mathematical subjects like Engineering Mathematics-III and Discrete structures and graph theory with more number of solved problems.
- More clarity needed on different aspects of Artificial Intelligence and machine learning and different areas to explore with respect to placement.

Action Taken:

- NPTEL videos were shown in lectures wherever applicable.
- Detailed notes were provided to the students for every subject.
- Webinar was conducted on 'Insights into AI' on 22nd October 2021.
- An Expert lecture was conducted on 'A Glance on Competitive Exams.' On 08th April 2022.


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