

> Learn Live Achieve and Contribute 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.

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

%4%
■ 1-Can't say
2-Hardly
3-Moderately
47% 47Mostly
5-Definitely



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

CO3: Expand the periodic function by using the Fourier series for real- life problems and complex engineering problems					
Score	1	Percentage		% <mark>0</mark> % 7%	1-Can't say
1-Can't say	0	0			2-Hardly
2-Hardly	1	0		30%	3-Moderately
3-Moderately	5	7	62%	5	4-Mostly
4-Mostly	23	30			5-Definitely
5-Definitely	47	62			
Total	76	100			

CO4: Understa conjugate to ge Score	nd complex vert orthogonal t No. of Students	ariable theory, a rajectories and a Percentage	pplication of harmonic nalytic functions.	■ 1- Can't say
1-Can't say 2-Hardly 3-Moderately 4-Mostly 5-Definitely Total	0 2 5 24 45 76	0 3 7 32 59 100	59%	 2-Hardly 3-Moderately 4-Mostly 5-Definitely



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Course Exit Analysis Report (SEM III)

CO5: Apply the concept of Correlation and Regression to the						
engineering p	roblems in data s	cience, machine	learning, and AI.			
Score	No. of	Percentage	_1%			
Students $0\%/9\%$						
1-Can't say	0	0		1- Can't say		
2-Hardly	1	1		2-Hardly		
3Moderately	7	9	59%	3-Moderately		
4-Mostly	23	30	5570	■4-Mostly		
5-Definitely	45	59		5-Definitely		
Total	76	100				

		s of probability and distribution of Percentage	nd expectation for of probabilities.	
1-Can't say	0	0		1- Can't say
2-Hardly	0	0	34%	2-Hardly
3-Moderately	2	3		3-Moderately
4-Mostly	26	34	63%	4-Mostly
5-Definitely	48	63		5-Definitely
Total	76	100		
HOD				UT Principal

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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? No. of Percentage Score _3% 1% Students ■ 1- Can't say 1-Can't say 1 1 14% 2-Hardly 2-Hardly 2 3 33% 3-Moderately 3-25 33 4-Mostly Moderately 49% 4-Mostly 5-Definitely 37 49 5-11 14 Definitely 100 Total 76

CO2: Are yo	CO2: Are you interested to study advanced concepts of this subject?					
Score	No. of	Percentage	0% 4%			
	Students					
1-Can't say	0	0		1- Can't say		
2-Hardly	3	4	24%	· · · · ·		
3-Moderately	21	28	28%	2-Hardly		
4-Mostly	34	45		3-Moderately		
5-Definitely	18	24		4-Mostly		
Total	76	100		ý		
			45%	5-Definitely		



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

CO3: Do you	u believe you v	will be able to	apply the knowledge in th	is course to
solve real wo	orld problems?			
Score	No. of	Percentage	0% 3%	
	Students			🛯 1- Can't say
1-Can't say	0	0	18%	■ 2-Hardly
2-Hardly	2	3	41%	2
3-	31	41		3-Moderately
Moderately			38%	4-Mostly
4-Mostly	29	38		5-Definitely
5-	14	18		
Definitely				
Total	76	100		

CO4: We learn	ed variety of	of concepts. V	Vas this useful?	
Score	No. of Students	Percentage	1%_4%	
1-Can't	1	1	28% 29%	 1- Can't say 2-Hardly
say 2-Hardly	3	4		3-Moderately4-Mostly
3-Moderately	22	29	38%	5-Definitely
4-Mostly	29	38	0070	= 5 Demittery
5-Definitely	21	28		
Total	76	100		



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

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

CO6: Do you	u think that syllabu	us needs a revis	ion?	
Score	No. of Students	Percentage		∎1- Can't
1-Can't	0	0	0%	say
say				2-Hardly
2-Hardly	2	3	20%	
3-	28	37	37%	■ 3-
Moderately			41%	Moderately
4-Mostly	31	41		■ 4-Mostly
5-	15	20		5-Definitely
Definitely				= 5-bennitery
Total	76	100		



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

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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.

solve a eligit	leering problem			
Score	No. of	Percentage		🗖 1- Can't
	Students		- 0% г ^{3%}	say
1-Can't say	0	0		2-Hardly
2-Hardly	2	3	20%	
3-	27	36	36%	3- Moderately
Moderately			42%	■ 4-Mostly
4-Mostly	32	42		- 1 10000
5-	15	20		5 -
Definitely				Definitely
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	0% ^{3%}	1- Can't say
1-Can't say	0	0	18%	2-Hardly
2-Hardly	2	3		
3-Moderately	31	41	41%	3- Moderately
4-Mostly	29	38	38%	-
5-Definitely	14	18		4-Mostly
r	76	100		5-Definitely
Total				- o bennitory



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CO3: Identify d	ifferent linked	l list technique	s for engineering activi	ties.
Score	No. of	Percentage	0% 0%	
	Students			1- Can't say
1- Can't	0	0	21%	2-Hardly
say			41%	3-Moderately
2-Hardly	2	3		■ 4-Mostly
3-Moderately	31	41	38%	5-Definitely
4-Mostly	29	38		S-Delinitely
5-Definitely	14	18		
Total	76	100		

CO4: Able to choose appropriate tree traversal method to conduct the experiment.				
Score	No. of Students	Percentage	0%_0%_7%	■ 1- Can't say
1- Can't say	0	0		■ 2-Hardly
2-Hardly	0	0	58%	 3-Moderately 4-Mostly
3-Moderately	5	7		5-Definitely
4-Mostly	27	36		
5-Definitely	44	58		
Total	76	100		



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

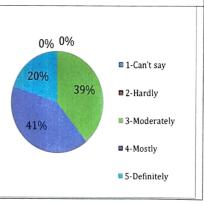
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Course Exit Analysis Report (SEM III)

CO5: Adapt graph traversal techniques to solve engineering problems.				
Score	No. of Students	Percentage	0% ^{3%}	
1- Can't say	0	0	20% ■ 1- Can ■ 2-Hardly	
2-Hardly	2	3	37% ■ 3-Moder	ately
3-Moderately	28	37	41% 41-Mostly	<i>y</i>
4-Mostly	31	41	■ 5-Defini	tely
5-Definitely	15	20		-
Total	76	100		

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

<u> </u>	0	01
Score	No. of	Percentage
	Students	
1- Can't	0	0
say		
2-Hardly	0	0
3-Moderately	30	39
4-Mostly	31	41
5-Definitely	15	20
Total	76	100







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ACADEMIC YEAR 2021-22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

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

 Percentage

Scole	Students	Percentage	00/ 70/	🗖 1- Can't
1-Can't say	0	0	0%7%	say
2-Hardly	0	0		2-Hardly
3- Moderately	5	7	58%	3- Moderately
4-Mostly	27	36	58%	4-Mostly
5- Definitely	44	58		5-Definitely
Total	76	100		

CO2: Are yo	CO2: Are you interested to study advanced concepts of this subject?				
Score	No. of Students	Percentage			
1-Can't	0	0	0% / 4%		
say				1- Can't say	
2-Hardly	3	4	24%	2-Hardly	
3-	21	28	28%	 3-Moderately 	
Moderately				4-Mostly	
4-Mostly	34	45	45%	5-Definitely	
5-	18	24		e bennitely	
Definitely					
Total	76	100	-		



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

CO3: Do you believe you will be able to apply the knowledge in this course to					
solve real wo	solve real world problems?				
Score	No. of	Percentage			
	Students				
1-Can't	0	0	0% 3%		
say			18%	1- Can't say	
2-Hardly	2	3		2-Hardly	
3-	31	41	41%	3-Moderately	
Moderately			38%	4-Mostly	
4-Mostly	29	38		5-Definitely	
5-	14	18			
Definitely					
Total	76	100			

CO4: We learned variety of concepts. Was this useful?				
Score	No. of	Percentage	0%4%	
	Students			
1-Can't	0	0		1-Can't say
say				2-Hardly
2-Hardly	0	0	38%	3-Moderately
3-Moderately	3	4	58%	■ 4-Mostly
4-Mostly	29	38		■ 5-Definitely
5-Definitely	44	58		
Total	76	100		



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

CO5: Will ye	CO5: Will you be able to apply the techniques learned in the subject?				
Score	No. of Students	Percentage			
1Can't say	0	0	0% _3%	■1- Can't say	
2-Hardly 3-	2 31	3	18%	■ 2-Hardly	
Moderately		41	38%	3-Moderately4-Mostly	
4-Mostly	29	38		5-Definitely	
5- Definitely	14	18			
Total	76	100			

CO6: Do you	ı think that sylla	bus needs a rev	ision?	
Score	No. of Students	Percentage	0% 3%	
1-Can't say	0	0	20% I- Can't say	
2-Hardly	2	3	37% = 2-Hardly 37% = 3-Moderately	
3- Moderately	28	37	41% ■ 4-Mostly	
4-Mostly	31	41	■ 5-Definitely	
5- Definitely	15	20		
Total	76	100		
HOD			Principal	





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Course Exit Analysis Report (SEM III)

Subject-OOPM

Subject Teacher - Prof. Mitrakshi Patil

CO1: On what s course?	cale, th	ne contents of	of the syllabus are sufficient to understand the
Score	No.	Percentag	0%_ 1%
	of	e	
	Stud		13% 🛛 1- Can't say
	ents		□ 2-Hardly
1-Can't say	0	0	43% = 2-hardy 3-Moderately
2-Hardly	1	1	■ 4-Mostly
3-Moderately	10	13	42%
4-Mostly	32	42	= 5-Definitely
5-Definitely	33	43	
Total	76	100	

CO2: Are you	interested to	o study advar	ced concepts of this subjec	et?
Score	No. of	Percentag	1%	
	Students	e	0% 1%	
1- Can't say	0	0		1- Can't say
2-Hardly	1	1	29%	2-Hardly
3-	1	1		3-Moderately
Moderately		-	68%	4-Mostly
4-Mostly	22	29		5-Definitely
5-Definitely	52	68		
Total	76	100		



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

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	Percentage	0% 3%	
	Students	-		
1-Can't	0	0	18%	🛯 1- 🛛 Can't say
say			2007	2-Hardly
2-Hardly	2	3	38%	3-Moderately
3-Moderately	29	38	41%	4-Mostly
4-Mostly	31	41	4170	5-Definitely
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	0% 0%	
1-Can't say	0	0	210/	1- Can't say
2-Hardly	0	0	41%	2-Hardly
3-Moderately	16	21		3-Moderately
4-Mostly	29	38	38%	4-Mostly
5-Definitely	31	41		5-Definitely
Total	76	100		



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

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

CO6: Do you thi	ink that syllabus	needs a revisior	1?	
Score	No. of	Percentage		🛯 1- Can't say
	Students		0% ۲ ^{3%}	
1-Can't say	0	0		2-Hardly
2-Hardly	2	3	20% 36%	3 -
3-Moderately	27	36		Moderately
4-Mostly	32	42	42%	4-Mostly
5-Definitely	15	20		5-Definitely
Total	76	100		
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ACADEMIC YEAR 2021-22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Course Exit Analysis Report (SEM III)

Subject- DLCA

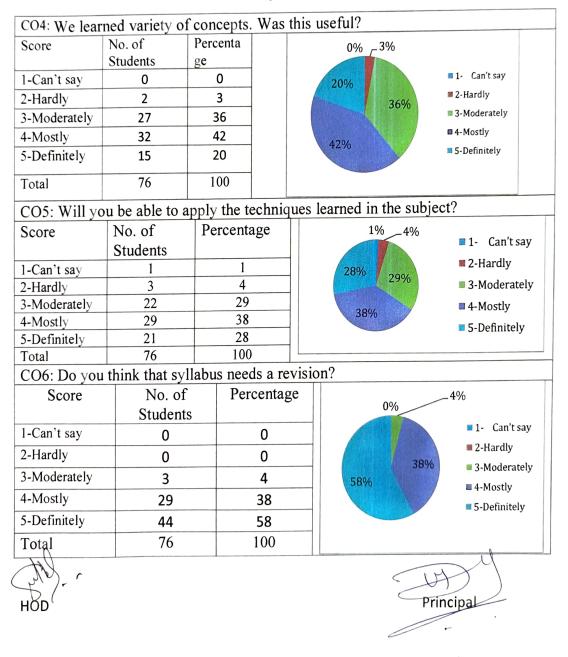
Subject Teacher - Prof. Megha Pandey

CO1: On what se	cale, the co	ntents of th	e syllabı	is are sufficient	to understand the
course?					
Score	No. of Students	Percentage		0%_0%	— ^{3%} ■ 1- Can't say
1-Can't say	0	0			2-Hardly
2-Hardly	0	0		34%	3-Moderately
3-Moderately	3	4		63%	4-Mostly
4-Mostly	25	33			5-Definitely
5-Definitely	48	63			S-Definitely
Total	76	100	L		
CO2: Are you in	terested to	study adva	nced con	cepts of this sub	oject?
Score	No. of	Perce		0%4%	6
	Students	ntage			🗖 1-Can't say
1-Can't say	0	0			2-Hardly
2-Hardly	0	0		38%	3-Moderately
3-Moderately	5	7		58%	4-Mostly
4-Mostly	27	36			5-Definitely
5-Definitely	44	58			S-Delinitely
Total	76 100				
CO3: Expand	the periodic	function b	y using t	he Fourier serie	es for real-
life problems a	and complex	k engineeri	ng probl	ems	
Score	No. of	Percentag	e	0%	7%
	Students				1-Can't say
1-Can't say	0	0			2-Hardly
2-Hardly	1	0		30	% 3-Moderately
3-Moderately	5	7		62%	4-Mostly
4-Mostly	23	30			5-Definitely
5-Definitely	47	62			
Total	76	100			



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING IN ARTIFICIAL INTELLIGENCE & MACHINE LEARNING 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 incharges. 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.

HOD CSF

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