



Department of Automobile Engineering

Academic Year: 2021-2022 (ODD SEM)

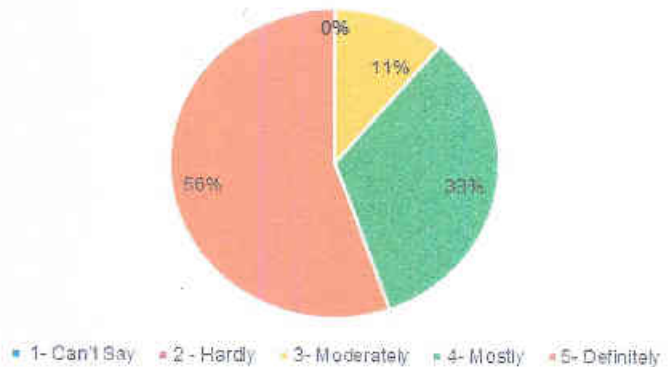
Course Exit Analysis Report (Sem III)

Subject: Thermodynamics

Subject In-charge: Prof. Vishnudas Chodankar

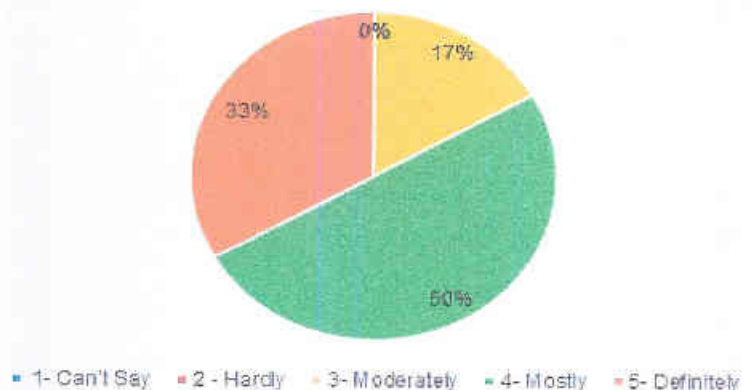
Score	No. of Students	Percentage
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	11
4- Mostly	6	33
5- Definitely	10	56
Total	18	100

CO1.Are you able to understand the basic concept of thermodynamics and application of first law of thermodynamics to various systems ?



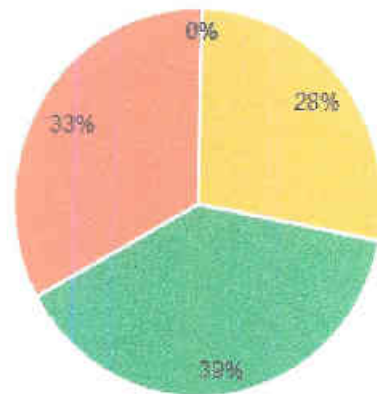
Score	No. of Students	Percentage
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	17
4- Mostly	9	50
5- Definitely	6	33
Total	18	100

CO2.Are you able to understand the concept of Second law of thermodynamics and Entropy ?



Score	No. of Students	Percentage
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	5	28
4- Mostly	7	39
5- Definitely	6	33
Total	18	100

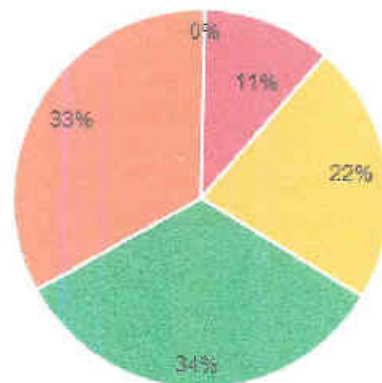
CO3. Are you able to understand the classification of grade of energy ?



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

Score	No. of Students	Percentage
1- Can't Say	0	0
2 - Hardly	2	11
3- Moderately	4	22
4- Mostly	6	33
5- Definitely	6	33
Total	18	100

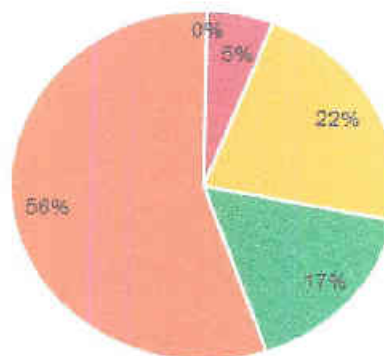
CO4. are you able to understand the basic concepts of steam formation process and vapour power cycles ?



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

Score	No. of Students	Percentage
1- Can't Say	0	0
2 - Hardly	1	6
3- Moderately	4	22
4- Mostly	3	17
5- Definitely	10	56
Total	18	100

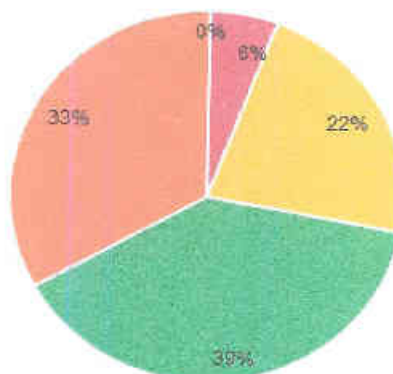
CO5. Are you able to apply the concept of various gas power cycle to solve problems ?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	6
3- Moderately	4	22
4- Mostly	7	39
5- Definitely	6	33
Total	18	100

CO6. Are you able to understand fundamentals of compressible fluid flow ?



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


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Academic Year: 2021-2022 (EVEN SEM)

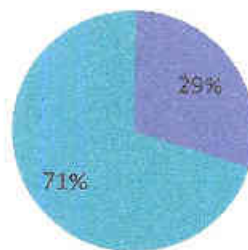
Course Exit Analysis Report (Sem III)

Subject: Strength of Materials

Subject In-charge: Prof. Sagar Khatavkar

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	5	29
5- Definitely	12	71
Total	17	100

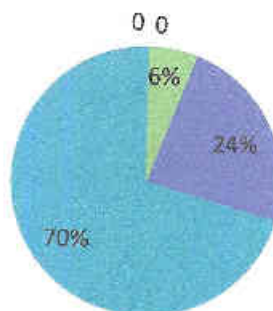
CO 1: Are you able to Analyse the Direct Tensile And Compressive stresses , Temlerature Stresses?



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

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	6
4- Mostly	4	24
5- Definitely	12	70
Total	17	100

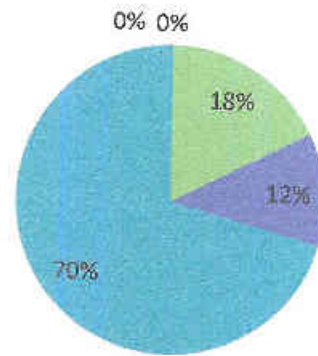
CO 2: Are you able to Anlyse the Shear Force and Bending Moment on different type beams and also are u able to draw the Required SFD , BMD and AFD?



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

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	18
4- Mostly	2	12
5- Definitely	12	70
Total	17	100

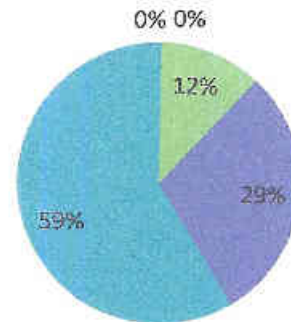
CO 3: Are you able to find the Bending stresses and Shearing Stress on the different type of Cross Section of the beams?



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

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	12
4- Mostly	5	29
5- Definitely	10	59
Total	17	100

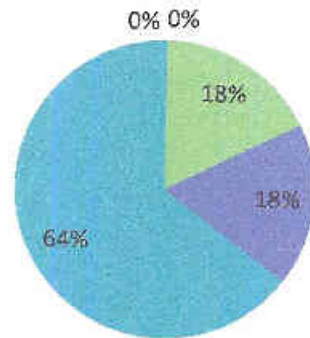
CO 4 :Are you able to Analyse the Torsion in Circular shaft and also the Strain Energy in different types of Loading conditions?



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

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	18
4- Mostly	3	18
5- Definitely	11	64
Total	17	100

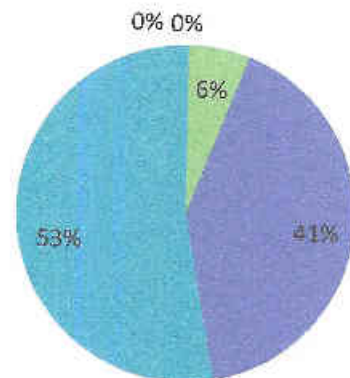
CO 5: Are you able to Analyze Hoop's Stress , Longitudinal Stress, Maximum shear Stress and corresponding deformations in the thin cylindrical Shells?



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

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	6
4- Mostly	7	41
5- Definitely	9	53
Total	17	100

CO 6: Are you able to analyse the crippling load on the Long Columns with different end conditions?



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

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Department of Automobile

Engineering Academic Year: 2021-2022

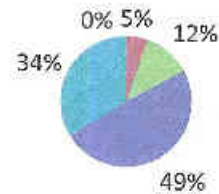
Course Exit Analysis Report (SEM III)

Subject – Engineering Mathematics III

Subject Teacher - Prof. Shirish Kulkarni

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	3	5.1
3- Moderately	6	11.9
4- Mostly	24	49.2
5- Definitely	17	33.9
Total	49	100

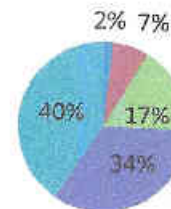
co 1: Have you understood the concept of inverse Laplace transform of various functions in engineering problems.



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

Score	No. of Students	Percentage (%)
1- Can't Say	1	1.4
2 - Hardly	2	2.7
3- Moderately	7	17.8
4- Mostly	25	52.1
5- Definitely	12	26
Total	49	100

co 2: Are you able to find orthogonal trajectories and analytic function by using basic concepts of complex variable theory.



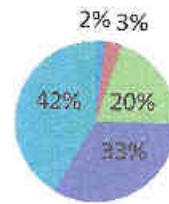
■ 1- Can't Say ■ 2 - Hardly ■ 3- Moderately
■ 4- Mostly ■ 5- Definitely



Score	No. of Students	Percentage (%)
1- Can't Say	1	1.4
2 - Hardly	2	3.4
3- Moderately	16	33.1
4- Mostly	19	39.7
5- Definitely	21	42.4
Total	49	100

co3:Are you able to solve Partial differential equations by applying numerical solution and analytical methods

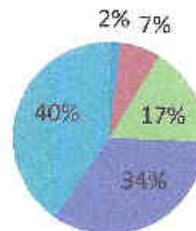
for one dimensional heat and wave equations.



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

Score	No. of Students	Percentage (%)
1- Can't Say	1	1.7
2 - Hardly	4	6.8
3- Moderately	8	16.9
4- Mostly	16	33.9
5- Definitely	19	40.7
Total	49	100

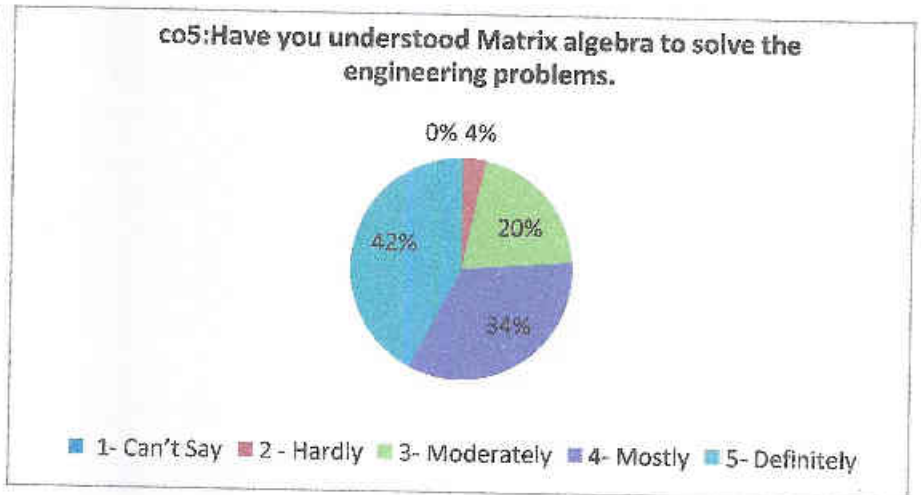
co4:Are you able to find orthogonal trajectories and analytic function by using basic concepts of complex variable theory.



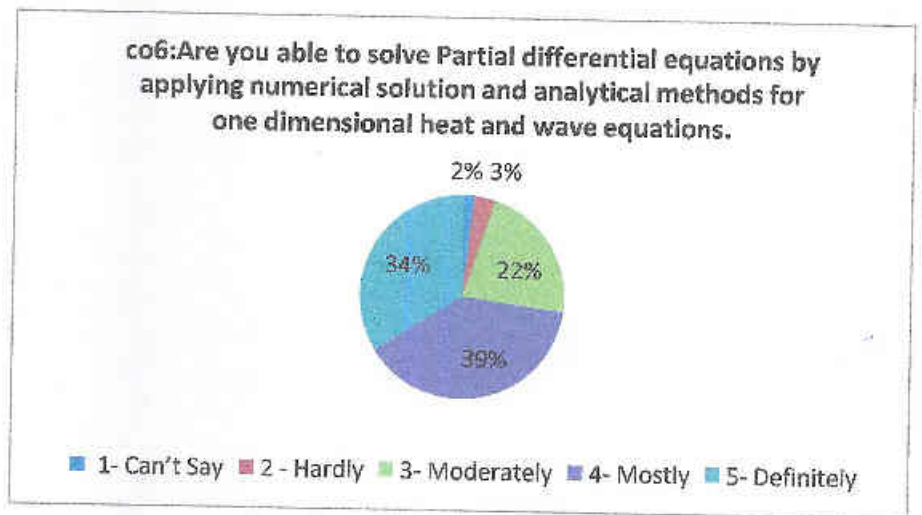
■ 1- Can't Say ■ 2 - Hardly ■ 3- Moderately ■ 4- Mostly ■ 5- Definitely



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	3.4
3- Moderately	9	20.3
4- Mostly	16	33.9
5- Definitely	20	42.4
Total	49	100



Score	No. of Students	Percentage (%)
1- Can't Say	1	1.4
2 - Hardly	2	3.4
3- Moderately	09	22
4- Mostly	19	39
5- Definitely	17	33.9
Total	49	100



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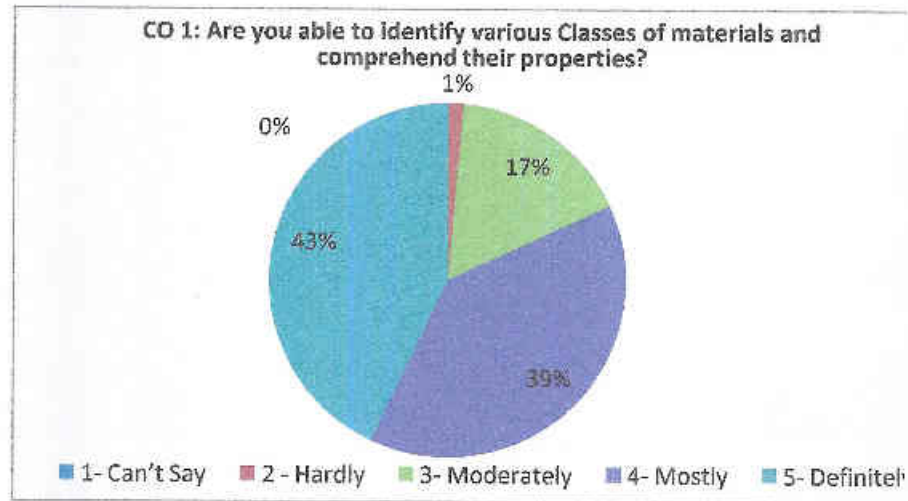
Academic Year: 2021-2022 (EVEN SEM)

Course Exit Analysis Report (Sem III)

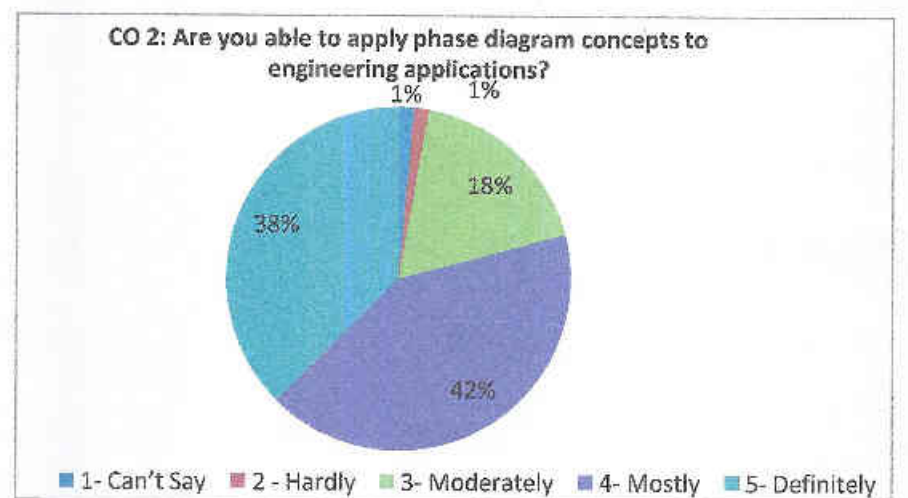
**Subject: Mechanical Measurements
 and Control**

Subject In-charge: Prof. Sagar Khatavkar

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	1
3- Moderately	8	17
4- Mostly	19	39
5- Definitely	21	43
Total	49	100

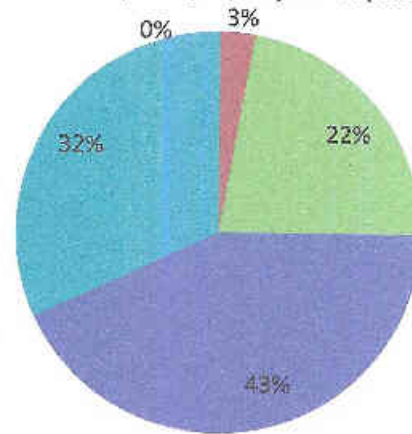


Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	1	1
3- Moderately	8	18
4- Mostly	20	42
5- Definitely	18	38
Total	49	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	3
3- Moderately	10	22
4- Mostly	21	43
5- Definitely	15	32
Total	49	100

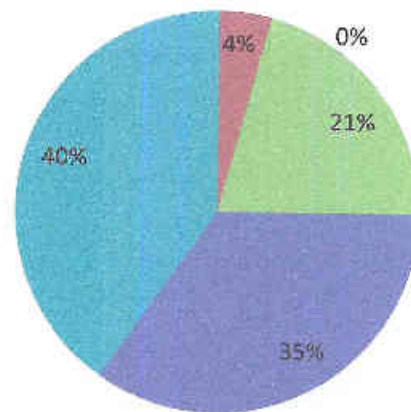
CO 3: Are you able to apply particular heat treatment for required property development?



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

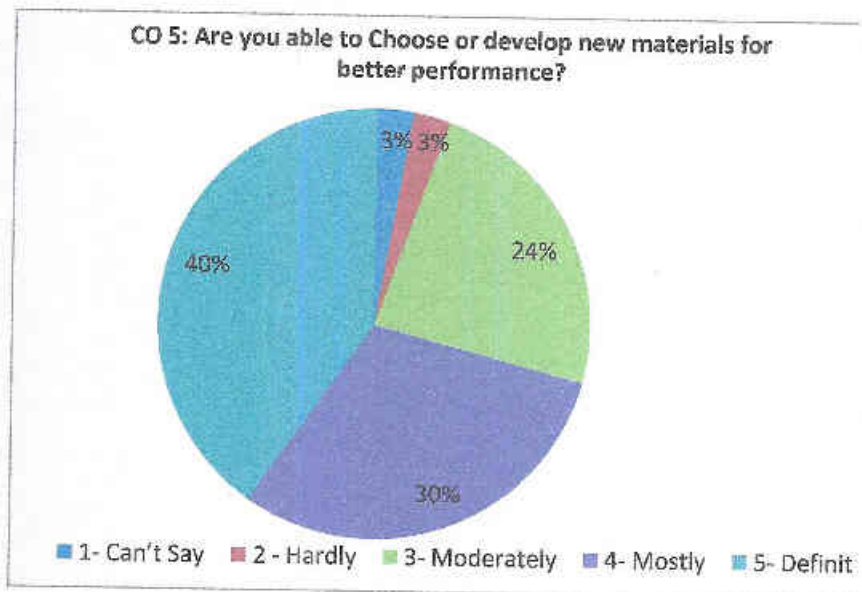
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	4
3- Moderately	10	21
4- Mostly	17	35
5- Definitely	19	40
Total	49	100

CO 4: Are you able to identify the probable mode of failure in materials and suggest measures to prevent them?

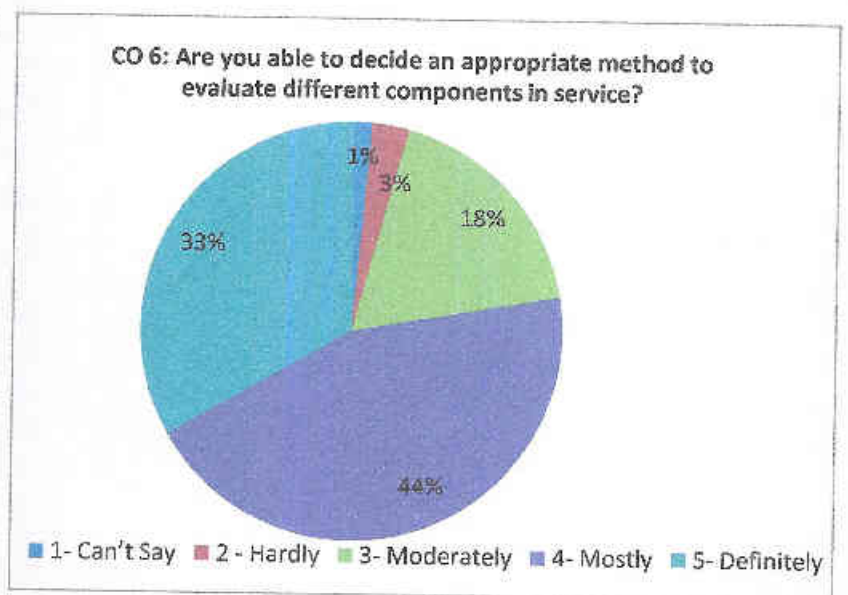


■ 1- Can't Say ■ 2 - Hardly ■ 3- Moderately ■ 4- Mostly ■ 5- Definitel

Score	No. of Students	Percentage (%)
1- Can't Say	2	3
2 - Hardly	2	3
3- Moderately	11	24
4- Mostly	15	31
5- Definitely	20	40
Total	49	100



Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	2	3
3- Moderately	8	18
4- Mostly	20	44
5- Definitely	16	33
Total	72	100



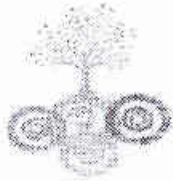
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Action Taken Report on Student's Feedback

Department: Automobile Engineering

Academic Year- 2021-2022

SEM: SEM III

YEAR: SE

SR No.	Subject	Faculty	Feedback/Concern	Action Taken
1	Engineering Mathematics III	Prof. Madhukar Andhale	Students need more explanation on Fourier series	NPTEL Videos for some topics were provided. https://www.youtube.com/watch?v=NdouX5-KD6Y
2	Production Process	Prof. Soni Jaiswal	Needs deep knowledge of powder making and mechanism of sintering	Vedio Link Shared with Students: https://www.youtube.com/watch?v=QA1OsemRN90
3	Thermodynamics	Prof. Vishnudas Chodankar	Needs detail information about effect of varying back pressure on nozzle performance	Vedio Link Shared with Students: https://www.youtube.com/watch?v=aDzxqBZ1EAI
4	Material Metallurgy	Prof. Supriya P. Khapre	Need deep knowledge on Engineering polymer and ceramic	NPTEL Lecture link is provided to students: https://www.youtube.com/watch?v=54urJPOnaeU&list=PLYqSpQzTE6M_KQ5MqUkoOqAxxOrdvFOMB

5	Strength of Material	Prof. Sagar Khatavkar	Students require detail knowledge on deflection of beam	Informative knowledge shared with students and NPTEL video were given to students: https://www.youtube.com/watch?v=MvBqCeZllpQ
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Department of Automobile Engineering

Academic Year: 2021-2022 (ODD SEM)

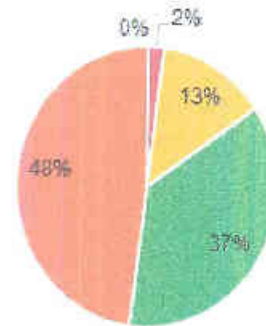
Course Exit Analysis Report (Sem V)

Subject: Internal Combustion Engine

Subject In-charge: Prof. Amit Patil

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	2
3- Moderately	7	13
4- Mostly	19	37
5- Definitely	25	48
Total	52	100

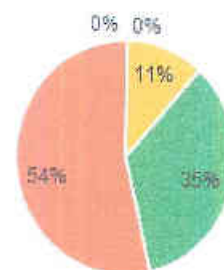
CO1. Are you able to understand air standard fuel cycles and concept to solve problems?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	6	12
4- Mostly	18	35
5- Definitely	28	54
Total	52	100

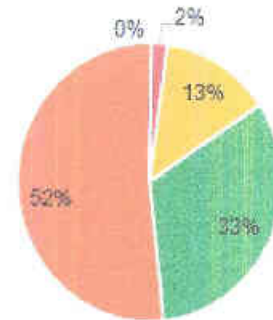
CO2. Are you able to understand SI ENGINE components, emission system and combustion processes?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	2
3- Moderately	7	13
4- Mostly	17	33
5- Definitely	27	52
Total	52	100

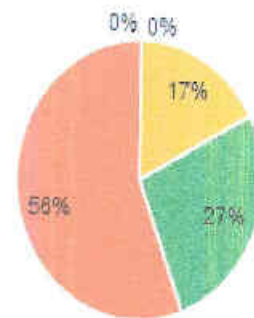
CO3. Are you able to identify CI ENGINE variables and parameters to solve the CI engine problems?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	9	17
4- Mostly	14	27
5- Definitely	29	56
Total	52	100

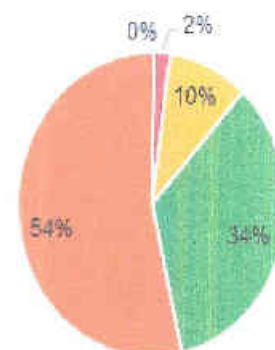
CO4. Are you able to understand lubrication and cooling system used in internal combustion engine?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	2
3- Moderately	5	10
4- Mostly	18	35
5- Definitely	28	54
Total	52	100

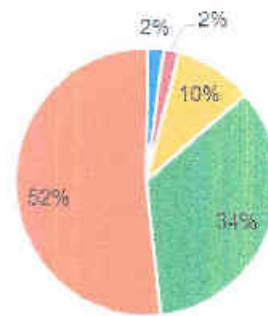
CO5. Are you able to understand concept of supercharging and turbocharging ?



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

Score	No of Student	Percentage
1- Can't Say	1	2
2 - Hardly	1	2
3- Moderately	5	10
4- Mostly	18	35
5- Definitely	27	52
Total	52	100

CO6. Are you able to apply engine performance characteristics to solve the problems?



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

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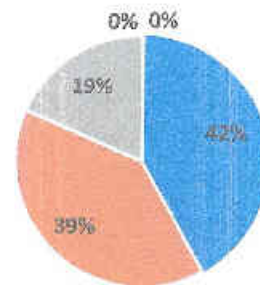
Course Exit Analysis Report (Sem V)

Subject: MD

Subject In-charge: Prof. Sagar Khatavkar

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	17	40
3- Moderately	8	19
4- Mostly	0	0
5- Definitely	0	0
Total	43	100

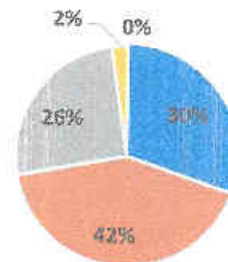
CO 1: Are you able to Illustrate basic principles of machine design.



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

Score	No. of Students	Percentage (%)
1- Can't Say	13	30
2 - Hardly	18	42
3- Moderately	11	26
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

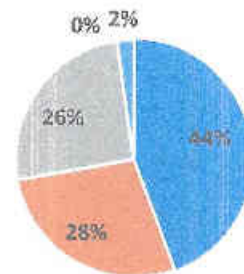
CO 2: Have you understood concept of curved beam and thick cylinder and will you be able to design machine elements of curved beam .



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

Score	No. of Students	Percentage (%)
1- Can't Say	19	44
2 - Hardly	12	28
3- Moderately	11	26
4- Mostly	0	0
5- Definitely	1	2
Total	43	100

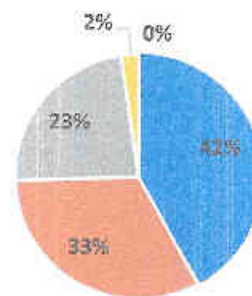
CO 3: Are you be able to Design machine elements for static dynamic loading, for ex. knuckle joint cotter joint etc. .



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

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	14	33
3- Moderately	10	23
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

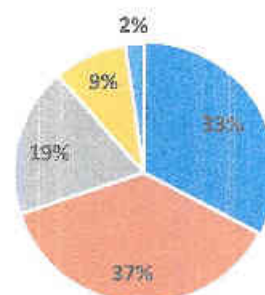
CO 4: Are you be able to Design machine elements for dynamic loading



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

Score	No. of Students	Percentage (%)
1- Can't Say	14	33
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	4	9
5- Definitely	1	2
Total	43	100

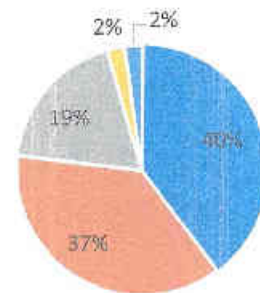
CO 5: Are you able to Use design data books in designing shaft, keys and coupling



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

Score	No. of Students	Percentage (%)
1- Can't Say	17	40
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	1	2
5- Definitely	1	2
Total	43	100

CO 6: Are you able to Use design data books in designing springs.



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

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Department of Automobile

Engineering Academic Year: 2020-21

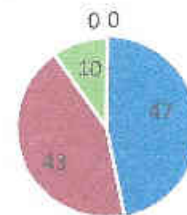
Course Exit Analysis Report (Sem V)

Subject – FEA

Subject Teacher – Prof. Naita Tangan

Score	No. of Students	Percentage (%)
1- Definitely	14	47
2- Mostly	13	43
3- Moderately	3	10
4 - Hardly	0	0
5- Can't Say	0	0
Total	30	100

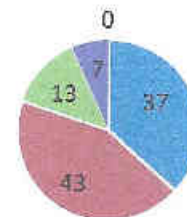
CO1.Are you able to solve differential equations using weighted residual methods?



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

Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	13	43
3- Moderately	4	13
4 - Hardly	2	7
5- Can't Say	0	0
Total	30	100

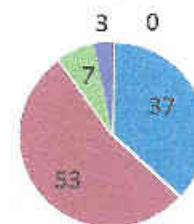
CO1.Are you able to solve differential equations using weighted residual methods?



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

Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	16	53
3- Moderately	2	7
4 - Hardly	1	3
5- Can't Say	0	0
Total	30	100

CO1.Are you able to solve differential equations using weighted residual methods?

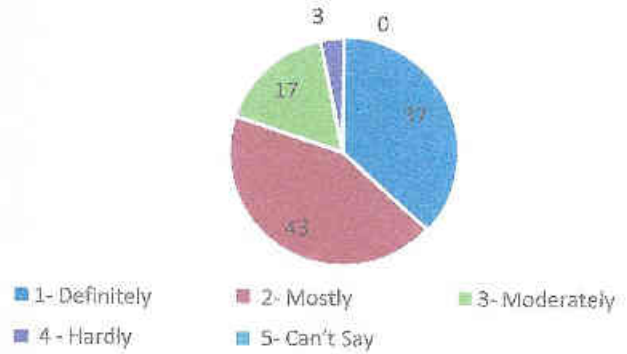


■ 1- Definitely ■ 2- Mostly ■ 3- Moderately
 ■ 4 - Hardly ■ 5- Can't Say



Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	13	43
3- Moderately	5	17
4 - Hardly	1	3
5- Can't Say	0	0
Total	30	100

CO4. Are you able to apply the basic finite element formulation techniques to solve engineering problems by using two dimensional elements?



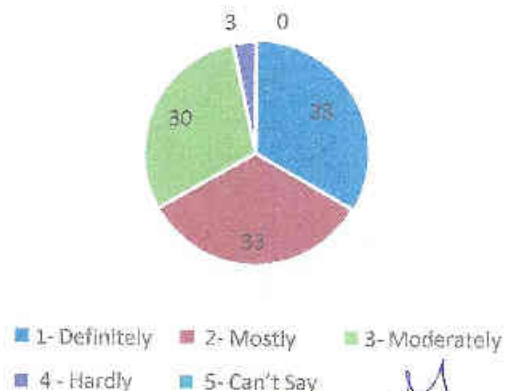
Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	16	53
3- Moderately	3	10
4 - Hardly	0	0
5- Can't Say	0	0
Total	30	100

CO5. Are you able to apply the basic finite element formulation techniques to find natural frequency of single degree of vibration system?



Score	No. of Students	Percentage (%)
1- Definitely	10	33
2- Mostly	10	33
3- Moderately	9	30
4 - Hardly	1	3
5- Can't Say	0	0
Total	30	100

CO6. Are you able to use commercial FEA software, to solve problems related to mechanical engineering?




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Engineering Academic Year: 2021-2022

(ODD SEM) Course Exit Analysis

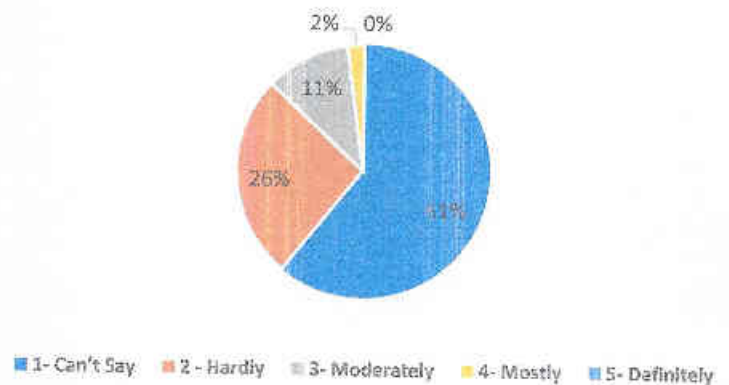
Report (Sem V) Subject:

OPTIMIZATION TECHNIQUES

Subject In-charge: Prof. Vishnudas Chodankar

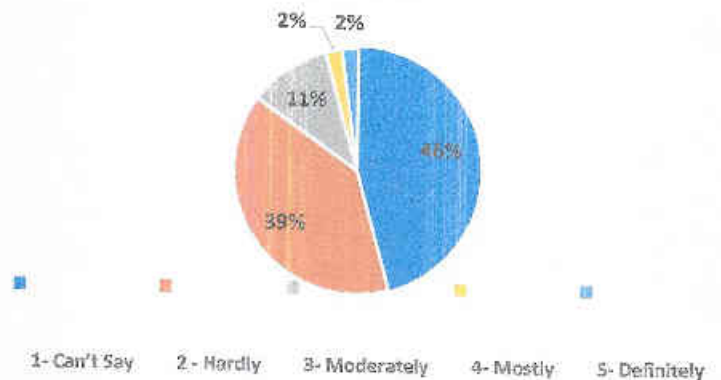
Score	No. of Students	Percentage (%)
1- Can't Say	28	61
2 - Hardly	12	26
3- Moderately	5	11
4- Mostly	1	2
5- Definitely	0	0
Total	46	100

CO 1: Are you able to identify the three modes of heat transfer



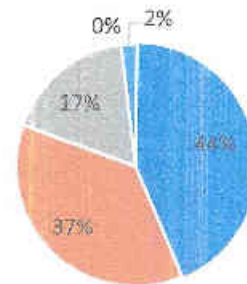
Score	No. of Students	Percentage (%)
1- Can't Say	21	46
2 - Hardly	18	39
3- Moderately	5	11
4- Mostly	1	2
5- Definitely	1	2
Total	46	100

CO2: Are you able to solve problems on steady state conduction.



Score	No. of Students	Percentage (%)
1- Can't Say	20	44
2 - Hardly	17	37
3- Moderately	8	17
4- Mostly	0	0
5- Definitely	1	2
Total	46	100

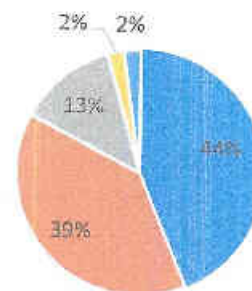
CO 3: Are you able to solve problems on unsteady state conduction and Fins.



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

Score	No. of Students	Percentage (%)
1- Can't Say	20	43
2 - Hardly	18	39
3- Moderately	6	13
4- Mostly	1	2
5- Definitely	1	2
Total	46	100

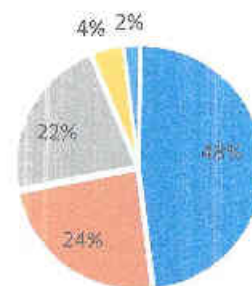
CO 4: Are you able to solve problems based on natural and forced convection.



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

Score	No. of Students	Percentage (%)
1- Can't Say	22	48
2 - Hardly	11	24
3- Moderately	10	22
4- Mostly	2	4
5- Definitely	1	2
Total	46	100

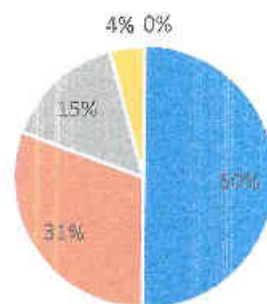
CO 5: Are you able to solve problems based Thermal Radiation



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

Score	No. of Students	Percentage (%)
1- Can't Say	22	50
2 - Hardly	11	30
3- Moderately	10	15
4- Mostly	2	4
5- Definitely	1	0
Total	46	100

CO 6 Are you able to Analyse different heat exchangers and quantify their performance



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

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Department of Automobile

Engineering Academic Year: 2021-2022

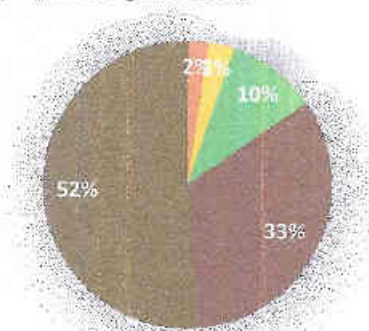
(ODD SEM) Course Exit Analysis

Report (Sem V) Subject: MMC

Subject In-charge: Prof. Namita
 Thangan

Score	No. of Students	Percentage (%)
1- Can't Say	1	2
2 - Hardly	2	3
3- Moderately	5	10
4- Mostly	16	33
5- Definitely	25	52
Total	49	100

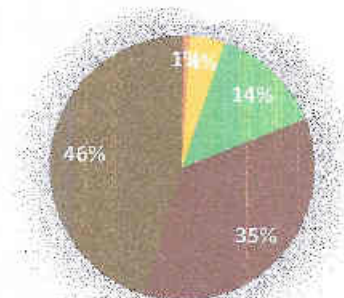
CO1. Are you able to Apply appropriate instrumentation tools to make measurements of physical quantities



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

Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	2	4
3- Moderately	6	14
4- Mostly	17	36
5- Definitely	22	46
Total	49	100

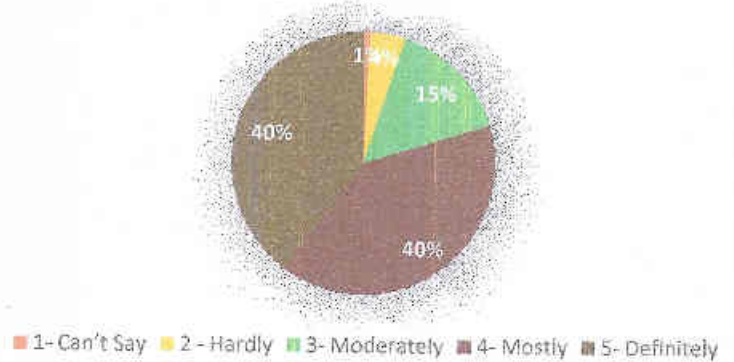
CO2. Are you able to Identify different fundamentals for solving engineering problems



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

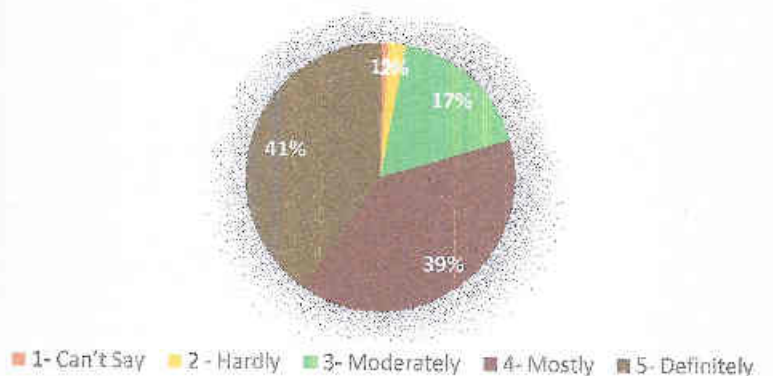
Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	2	4
3- Moderately	7	15
4- Mostly	19	40
5- Definitely	19	40
Total	49	100

CO3. Are you able to Analysis of system through the application of various test inputs and generating information for improvisation in design of system



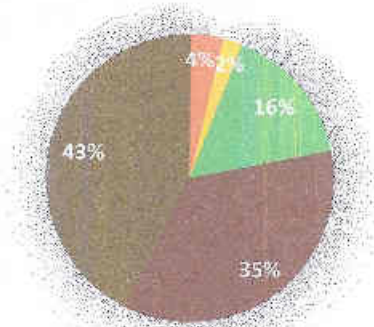
Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	2	2
3- Moderately	8	17
4- Mostly	19	39
5- Definitely	20	41
Total	49	100

CO4. Are you able to Apply engineering mathematics and computations to solve mathematical models for control system



Score	No. of Students	Percentage (%)
1- Can't Say	2	4
2 - Hardly	1	2
3- Moderately	7	16
4- Mostly	17	36
5- Definitely	21	43
Total	49	100

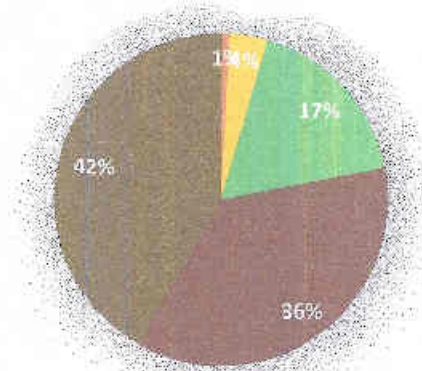
CO5. Are you able to analyze and evaluate the system in time and frequency domain and interpret the stability



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

Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	2	4
3- Moderately	8	17
4- Mostly	17	36
5- Definitely	20	42
Total	49	100

CO6. Are you able to Apply bode plot techniques to solve mathematical models for control system?



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


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Course Exit Analysis Report (ODD SEM)

Academic Year: - 2021-2022 Semester:-V

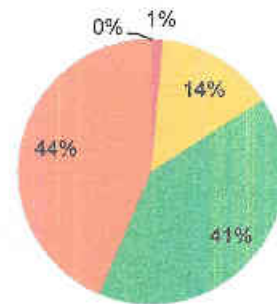
Subject: - Automotive System

Subject In charge: -Prof. Supriya Khapre

Score	No of Students	Percentage
1-Can'tSay	0	0
2-Hardly	1	1
3-Moderately	7	14
4-Mostly	20	41
5-Definitely	22	44
TOTAL	52	100

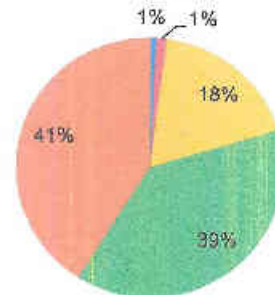
Score	No of Students	Percentage
1-Can'tSay	1	0
2-Hardly	1	1
3-Moderately	9	14
4-Mostly	20	41
5-Definitely	22	44
TOTAL	52	100

CO:-I Do you understand Basic concept of governor and gyroscope.



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

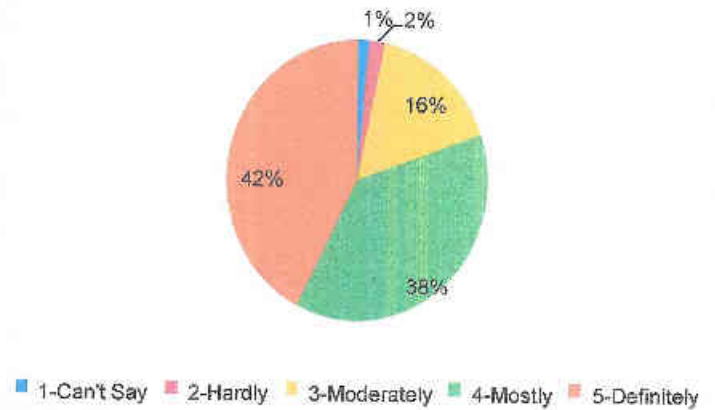
CO2:-Do you understand the basic concept of Static and dynamic force analysis.



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

Score	No of Students	Percentage
1-Can'tSay	1	1
2-Hardly	2	2
3-Moderately	7	16
4-Mostly	19	38
5-Definitely	21	42
TOTAL	52	100

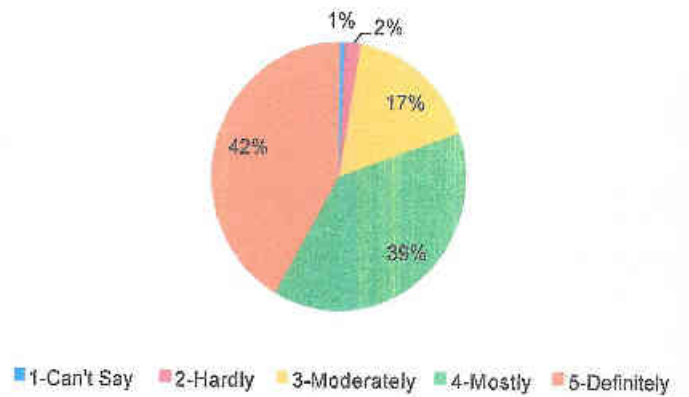
CO3:-Are you able to solve problems based on natural frequency of element /system.



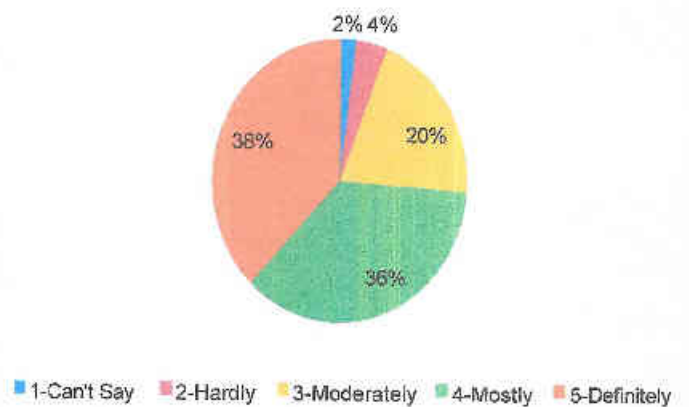
Score	No of Students	Percentage
1-Can'tSay	1	1
2-Hardly	2	2
3-Moderately	8	17
4-Mostly	19	39
5-Definitely	22	42
TOTAL	52	100

Score	No of Students	Percentage
1-Can'tSay	2	2
2-Hardly	4	4
3-Moderately	10	20
4-Mostly	17	36
5-Definitely	18	38
TOTAL	52	100

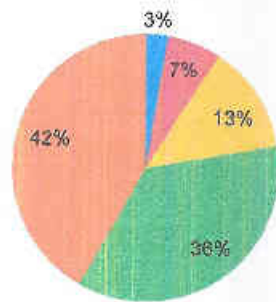
CO4:-Are you able to solve problems based on Free Damped Single Degree of Freedom Vibration System.



CO5:-Are you able to solve problems based on vibration isolation system.



CO6:-Do you understand Basic concept of balancing of forces and couples.



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

Score	No of Students	Percentage
1-Can't Say	3	3
2-Hardly	6	7
3-Moderately	8	13
4-Mostly	17	36
5-Definitely	20	42
TOTAL	52	100

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Action Taken Report on Student's Feedback

Department: Automobile Engineering

Academic Year- 2021-2022

SEM: SEM V

YEAR: TE

SR NO	Subject	Faculty	Feedback/Concern	Action Taken
1	Finite Element Analysis	Prof.Namit a Thangan	All the module must be covered through FEA software so number of practical hours should be increased	Extra practical taken to give more knowledge and NPTEL link is also provided with students: https://www.youtube.com/watch?v=U65GK1vVw4o&list=PLJhG_d-Sp_JHKVRhfTgDqbic_4MHplXZ
2	Internal Combustion Engine	Prof. Amit patil	More detail Explanation on working of BS6 Engines	Informative notes for the required topic were provided to students: https://www.shriramgi.com/news-events/bs4-vs-bs6-all-you-need-to-know/
3	Professional Communication and Ethics	Dr.Neha Sharma	A few students wanted extra sessions on "Presentation Skills"	Extra sessions taken on "Presentation Skills"
4	Mechanical Measurement & Control	Prof. Nilesh Patil	More knowledge about Bode plot and BDR	Online animated content and NPTEL lecture link given to students: https://www.youtube.com/watch?v=Wi6xt7lyjAQ

5	Machine Design	Prof. Soni Jaiswal	Numerical are very lengthy so extra sessions needed	More numerical were solved during practical session and GATE link also shared on some topics with students: https://www.youtube.com/watch?v=CzTyTo9I-4k
6	Design of Experiments	Prof. P.D.Ingle	Students need information on orthogonal arrays in DOE	Pdf link is shared with students: https://brharnetc.edu.in/br/wp-content/uploads/2018/11/11.pdf
7	Optimization Techniques	Prof. Vishnudas Chodankar	Students suggested to provide practical on genetic algorithm to get a hands-on for better understanding as its difficult	Matlab Genetic Algorithm For Multi Variable Was Been Given By Sir: https://www.youtube.com/watch?v=vf8SE8An9EY



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Academic Year: 2021-2022(ODD SEM)

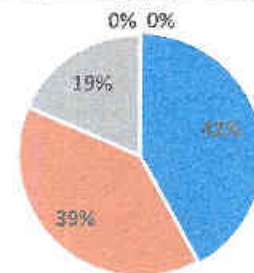
Course Exit Analysis Report (Sem VII)

Subject: Product Lifecycle Management

Subject In-charge: Prof. Taqui Quazi

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	17	40
3- Moderately	8	19
4- Mostly	0	0
5- Definitely	0	0
Total	43	100

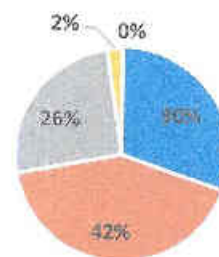
CO1 - Gain knowledge about phases of PLM, PLM strategies and methodology for PLM feasibility study and PDM implementation.



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

Score	No. of Students	Percentage (%)
1- Can't Say	13	30
2 - Hardly	18	42
3- Moderately	11	26
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

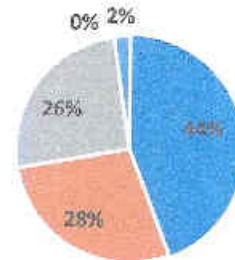
CO2 - Illustrate various approaches and techniques for designing and developing products.



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

	No. of Students	Percentage (%)
1- Can't Say	19	44
2 - Hardly	12	28
3- Moderately	11	26
4- Mostly	0	0
5- Definitely	1	2
Total	43	100

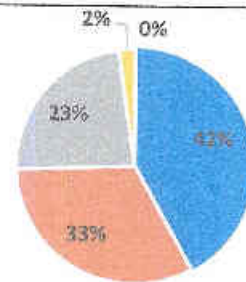
CO3 - Apply product engineering guidelines / thumb rules in designing products for moulding, machining, sheet metal working etc.



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

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	14	33
3- Moderately	10	23
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

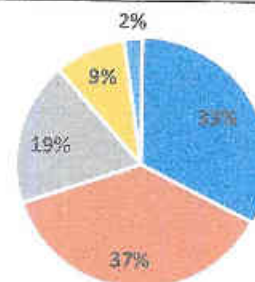
CO4 - Acquire knowledge in applying virtual product development tools for components, machining and manufacturing plant



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

Score	No. of Students	Percentage (%)
1- Can't Say	14	33
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	4	9
5- Definitely	1	2
Total	43	100

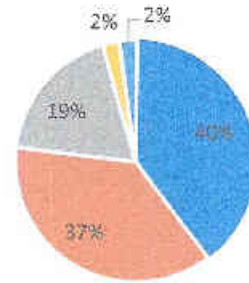
CO5 - To create awareness about environmentally responsible product design requirements.



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

Score	No. of Students	Percentage (%)
1- Can't Say	17	40
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	1	2
5- Definitely	1	2
Total	43	100

CO6 - To create awareness about Life cycle Assessment



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

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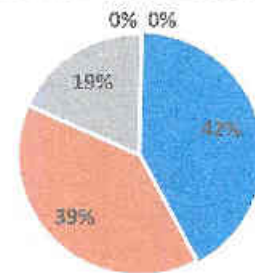
Course Exit Analysis Report (Sem VII)

Subject: AD

Subject In-charge: Prof. Chetan Thakur

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	17	40
3- Moderately	8	19
4- Mostly	0	0
5- Definitely	0	0
Total	43	100

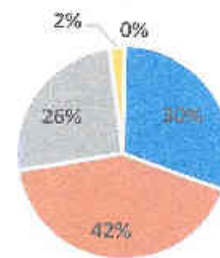
CO1 - Design of various parts of I.C. Engines



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

Score	No. of Students	Percentage (%)
1- Can't Say	13	30
2 - Hardly	18	42
3- Moderately	11	26
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

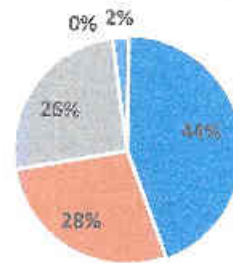
CO2 - Design of Crank, crankshaft and crank pin



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

	No. of Students	Percentage (%)
1- Can't Say	19	44
2 - Hardly	12	28
3- Moderately	11	26
4- Mostly	0	0
5- Definitely	1	2
Total	43	100

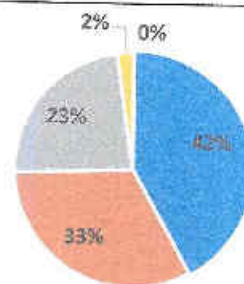
CO3 - Design of Clutches and Gear Boxes



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

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	14	33
3- Moderately	10	23
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

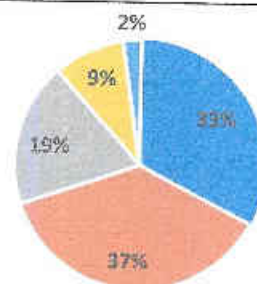
CO4 - Design of Drive train



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

Score	No. of Students	Percentage (%)
1- Can't Say	14	33
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	4	9
5- Definitely	1	2
Total	43	100

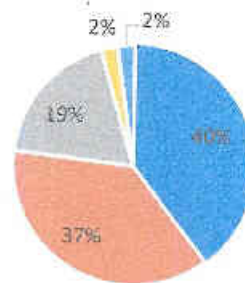
CO5 - Judge the fundamental knowledge in the field of automotive design



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

Score	No. of Students	Percentage (%)
1- Can't Say	17	40
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	1	2
5- Definitely	1	2
Total	43	100

CO6 - Determine the analytical abilities to give solutions to Automotive design problems



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

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Department of Automobile Engineering

Academic Year: 2021-2022 (ODD SEM)

Course Exit Analysis Report (Sem

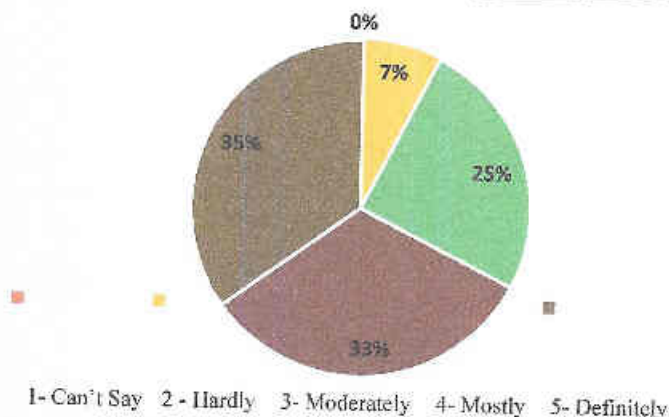
VII)

Subject: Disaster Management and Mitigation Measures

Subject In-charge:

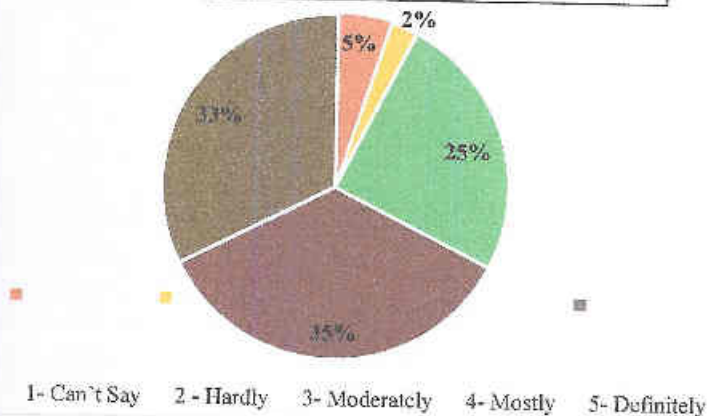
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	3	7
3- Moderately	10	25
4- Mostly	13	33
5- Definitely	14	35
Total	40	100

CO1 - Understand concept of various types of disaster.



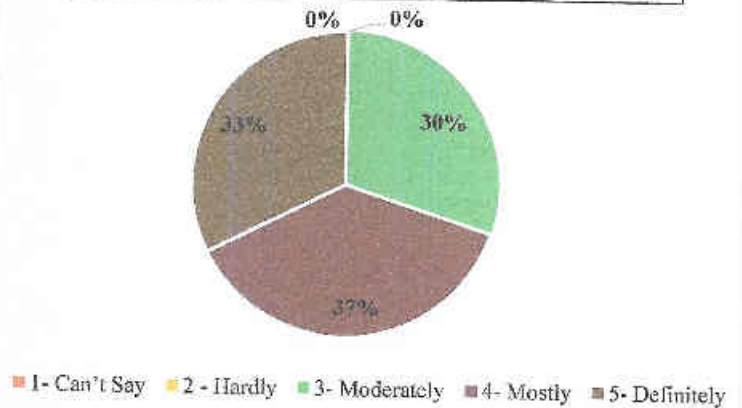
Score	No. of Students	Percentage (%)
1- Can't Say	2	5
2 - Hardly	1	2
3- Moderately	10	25
4- Mostly	14	35
5- Definitely	13	33
Total	40	100

CO2 - Apply the knowledge to know natural as well as manmade disaster and their extent and possible effects on the economy.



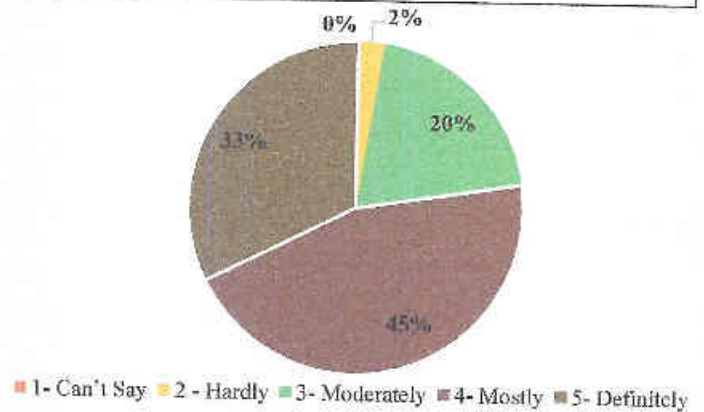
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	12	30
4- Mostly	15	38
5- Definitely	13	33
Total	40	100

CO3 - Apply the knowledge to Plan of national importance structures based upon the previous history.



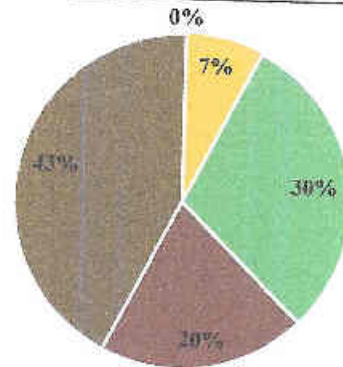
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	3
3- Moderately	8	20
4- Mostly	18	45
5- Definitely	13	33
Total	40	100

CO4 - Get acquainted with government policies, acts and various organizational structures associated with an emergency.



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	3	8
3- Moderately	12	30
4- Mostly	8	20
5- Definitely	17	43
Total	40	100

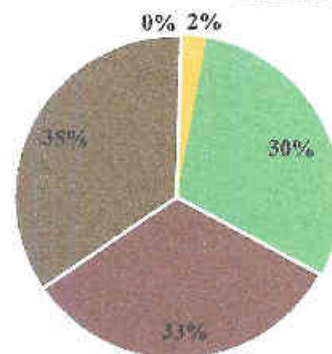
CO5 - Understand role of organization for financial relief



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

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	3
3- Moderately	12	30
4- Mostly	13	33
5- Definitely	14	35
Total	40	100

CO6 - Get to know the simple do's and don'ts in such extreme events and act accordingly



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

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Department of Automobile Engineering

Academic Year: 2021-2022 (ODD SEM)

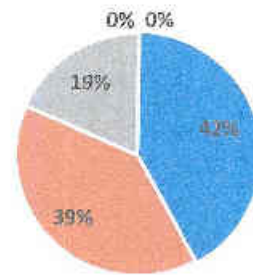
Course Exit Analysis Report (Sem VII)

Subject: CAD/CAM/CAE

Subject In-charge: Prof. Namita Tangan

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	17	40
3- Moderately	8	19
4- Mostly	0	0
5- Definitely	0	0
Total	43	100

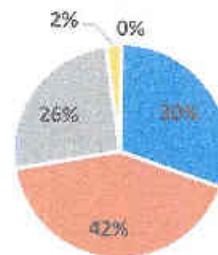
CO1 - Identify proper computer graphics techniques for geometric modeling.



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

Score	No. of Students	Percentage (%)
1- Can't Say	13	30
2 - Hardly	18	42
3- Moderately	11	26
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

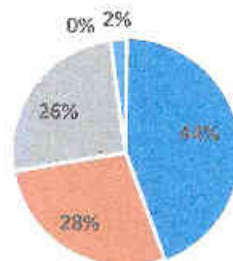
CO2 - Transform, manipulate objects and store and manage data.



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

Score	No. of Students	Percentage (%)
1- Can't Say	19	44
2 - Hardly	12	28
3- Moderately	11	26
4- Mostly	0	0
5- Definitely	1	2
Total	43	100

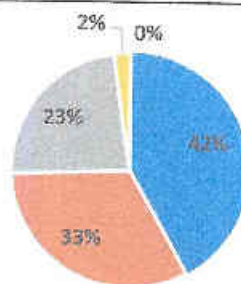
CO3 - Prepare part programming applicable to CNC machines.



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

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	14	33
3- Moderately	10	23
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

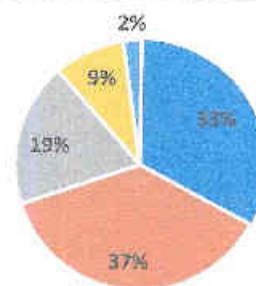
CO4 - Use rapid prototyping and tooling concepts in any real life applications.



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

Score	No. of Students	Percentage (%)
1- Can't Say	14	33
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	4	9
5- Definitely	1	2
Total	43	100

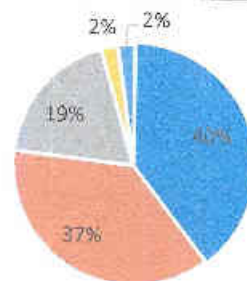
CO5 - Identify the tools for Analysis of a complex engineering component.



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

Score	No. of Students	Percentage (%)
1- Can't Say	17	40
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	1	2
5- Definitely	1	2
Total	43	100

CO6 - Generate CAM Tool path Creation and NC- G code output.



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

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Department of Automobile Engineering

Academic Year: 2021-2022 (ODD SEM)

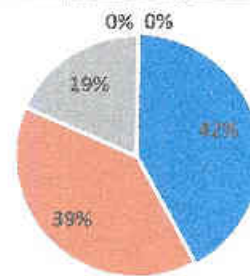
Course Exit Analysis Report (Sem VII)

Subject: Autotronics

Subject In-charge: Prof. P. Ingle

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	17	40
3- Moderately	8	19
4- Mostly	0	0
5- Definitely	0	0
Total	43	100

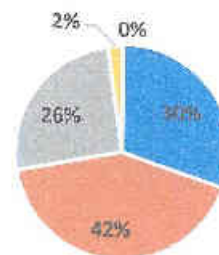
CO1 - Explain the working of different batteries and fuel cells along with its charging, rating, and maintenance,



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

Score	No. of Students	Percentage (%)
1- Can't Say	13	30
2 - Hardly	18	42
3- Moderately	11	26
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

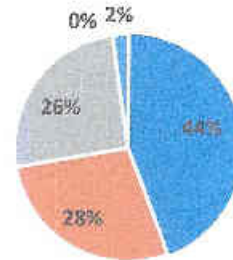
CO2 - Demonstrate the working of charging systems used in automobiles.



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

Score	No. of Students	Percentage (%)
1- Can't Say	19	44
2 - Hardly	12	28
3- Moderately	11	26
4- Mostly	0	0
5- Definitely	1	2
Total	43	100

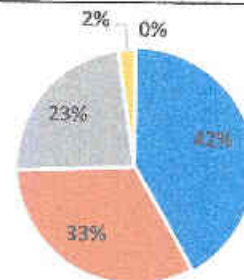
CO3 - Illustrate the working of starting systems used in automobiles



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

Score	No. of Students	Percentage (%)
1- Can't Say	18	42
2 - Hardly	14	33
3- Moderately	10	23
4- Mostly	1	2
5- Definitely	0	0
Total	43	100

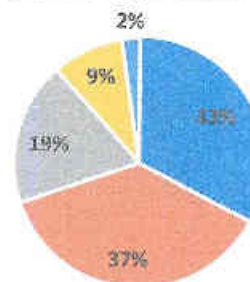
CO4 - Elaborate the advancements like Electronic Ignition and Engine control systems (ECM) with its significance in vehicle



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

Score	No. of Students	Percentage (%)
1- Can't Say	14	33
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	4	9
5- Definitely	1	2
Total	43	100

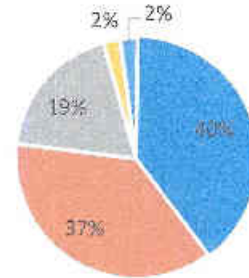
CO5 - Discuss the working of different automotive Sensors and Actuators.



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

Score	No. of Students	Percentage (%)
1- Can't Say	17	40
2 - Hardly	16	37
3- Moderately	8	19
4- Mostly	1	2
5- Definitely	1	2
Total	43	100

CO6 - Draw and Interpret automotive lighting and wiring harness systems.



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

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Department of Automobile

Engineering Academic Year: 2021-2022

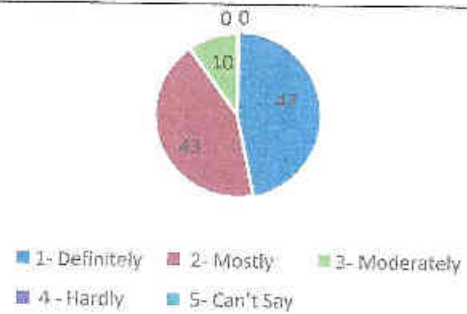
Course Exit Analysis Report (Sem VII)

Subject – Automotive Aerodynamics and Aesthetics

Subject Teacher –Prof. Supriya Khapre

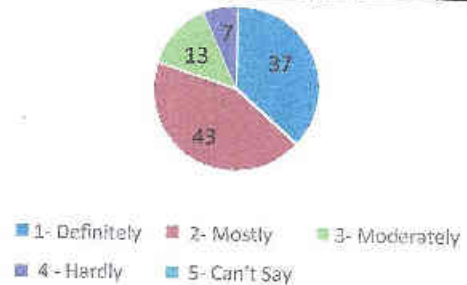
Score	No. of Students	Percentage (%)
1- Definitely	14	47
2- Mostly	13	43
3- Moderately	3	10
4 - Hardly	0	0
5- Can't Say	0	0
Total	30	100

CO1 - Recognize the several flow phenomenon related to vehicle



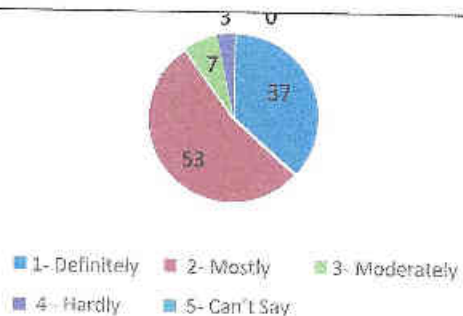
Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	13	43
3- Moderately	4	13
4 - Hardly	2	7
5- Can't Say	0	0
Total	30	100

CO2 - Implementation of various aerodynamic drag forces on car



Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	16	53
3- Moderately	2	7
4 - Hardly	1	3
5- Can't Say	0	0
Total	30	100

CO3 - Optimize several shape configuration in automobile





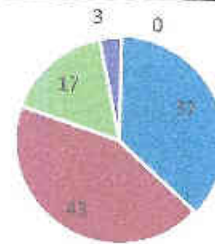
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Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	13	43
3- Moderately	5	17
4 - Hardly	1	3
5- Can't Say	0	0
Total	30	100

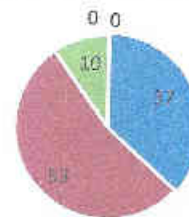
CO4 - Apply the aerodynamic forces on stability of vehicle



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

Score	No. of Students	Percentage (%)
1- Definitely	11	37
2- Mostly	16	53
3- Moderately	3	10
4 - Hardly	0	0
5- Can't Say	0	0
Total	30	100

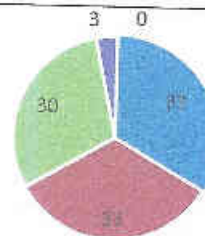
CO5 - Describe the wind tunnel technology for aerodynamic



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

Score	No. of Students	Percentage (%)
1- Definitely	10	33
2- Mostly	10	33
3- Moderately	9	30
4 - Hardly	1	3
5- Can't Say	0	0
Total	30	100

CO6 - Demonstrate various techniques for automobile aesthetics



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

[Signature]
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Action Taken Report on Student's Feedback

Department: Automobile Engineering

Academic Year- 2021-2022

SEM: SEM VII

YEAR: BE

SR NO.	Subject	Faculty	Feedback/Concern	Action Taken
1	Automotive Design	Prof. Chetan Thakur	Students need more information on Material for brake lining	Extra session taken and you tube link provided to students: https://www.youtube.com/watch?v=9FM1G-Tcig
2	CAD/CAM/CAE	Prof. Namita Thangan	Students need deep knowledge regarding CAM	Extra lecture taken and pdf shared with students: https://mrcet.com/downloads/digital_notes/ME/IV%20year/CAD%20CAM%20Digital%20Notes.pdf
3	Product Lifecycle Management	Prof. Quazi T.Z.	Students need deep knowledge on design for environment	Presentation shared with students: https://www.powershow.com/view1/8479f-ZDc1Z/THE_PROCESS_OF_DESIGN_FOR_ENVIRONMENT_powerpoint_ppt_presentation
4	Disaster Management and Mitigation Measures	Prof. Paramjit Thakur	Students are satisfied with all topic but wants to know more application of GIS	Notes shared with students: https://core.ac.uk/download/pdf/55331947.pdf

5	Automotive Aerodynamics and Aesthetics	Prof. Supriya Khapre	Students having doubt on "Strategies for Aerodynamic development" topic	Extra lecture taken and vedio link provided to students: https://www.youtube.com/watch?v=-ma62DmNIYE
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Principal

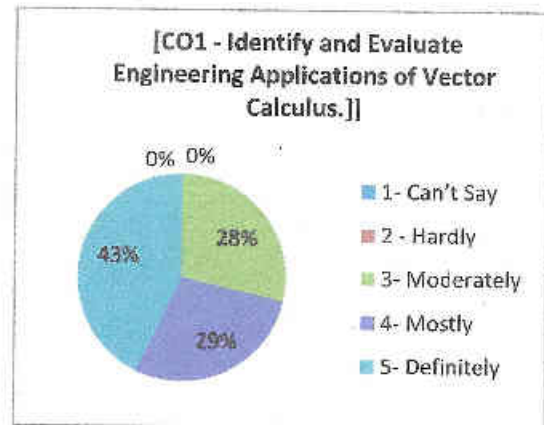
Principal

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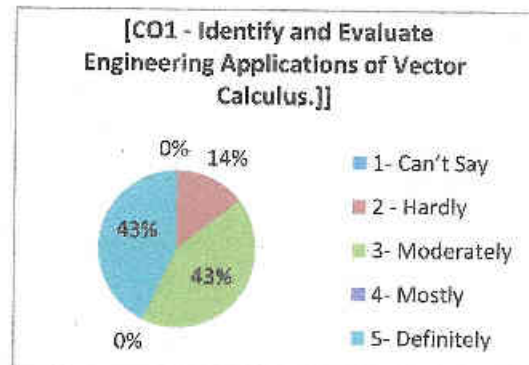


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: Engineering Mathematics IV (AEC401)
Subject In-charge: Prof. Shirish Kulkarni

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100

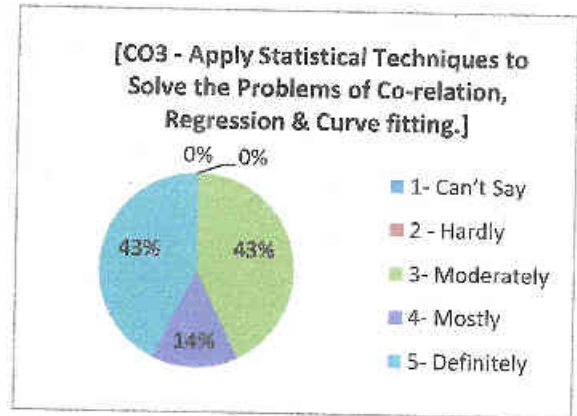


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	3	42.85714286
5- Definitely	2	28.57142857
Total	7	100

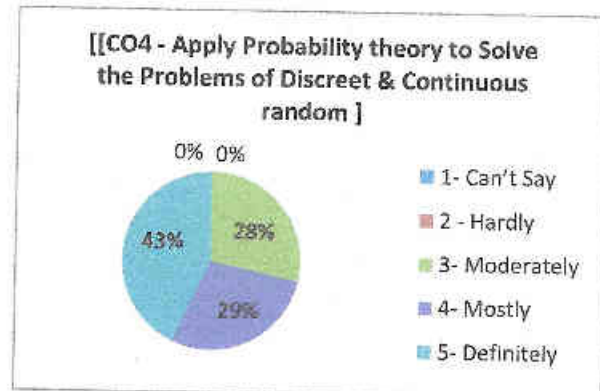




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	1	14.28571429
5- Definitely	3	42.85714286
Total	7	100



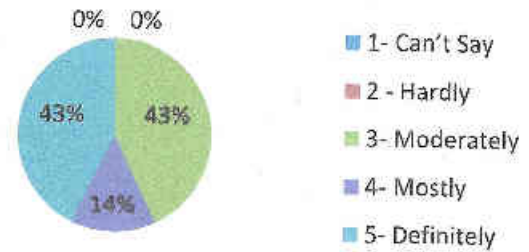
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100





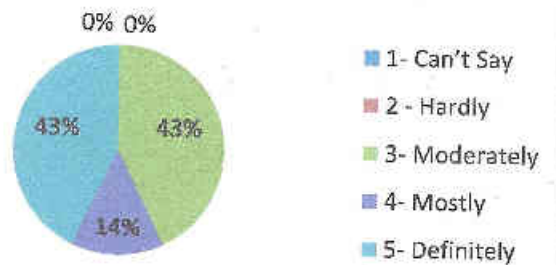
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	1	14.28571429
5- Definitely	3	42.85714286
Total	7	100

[[CO5 - Illustrate, Formulate, Solve the engineering problems using the sampling techniques.]




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	1	14.28571429
5- Definitely	3	42.85714286
Total	7	100

[CO6 - Identify and Apply the Probability & Sampling distribution in Various Engineering




Prof. T.Z.QUAZI
(HOD)

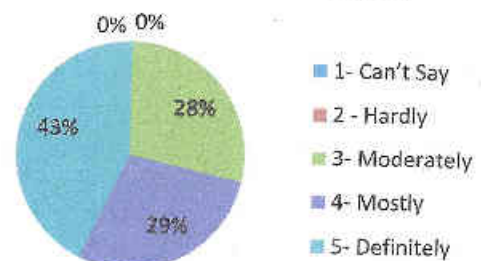

Dr. Manjusha Deshmukh
(Principal)



Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: Fluid Mechanics (AEC402)
Subject In-charge: Prof. Sagar Khataavkar

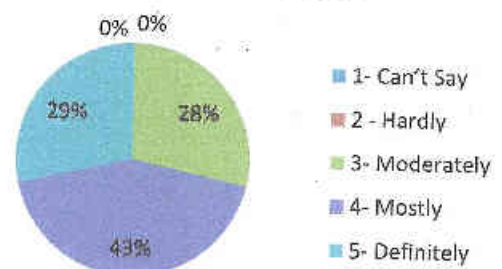
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100

[CO1 - Understand and identify the significance of fluid mechanics]]



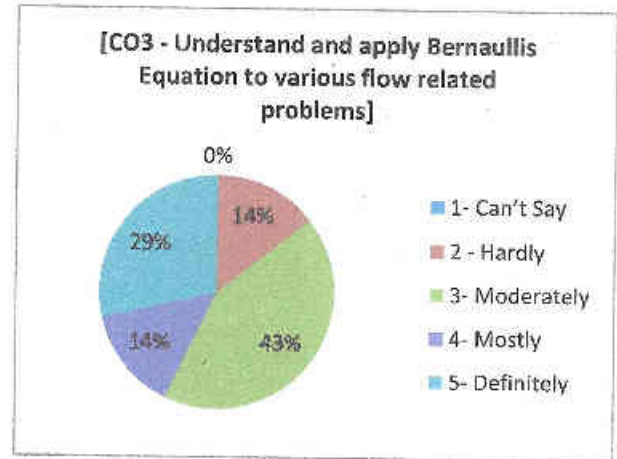
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	3	42.85714286
5- Definitely	2	28.57142857
Total	7	100

[CO2 - Explore alternative methods of dimensional analysis]]

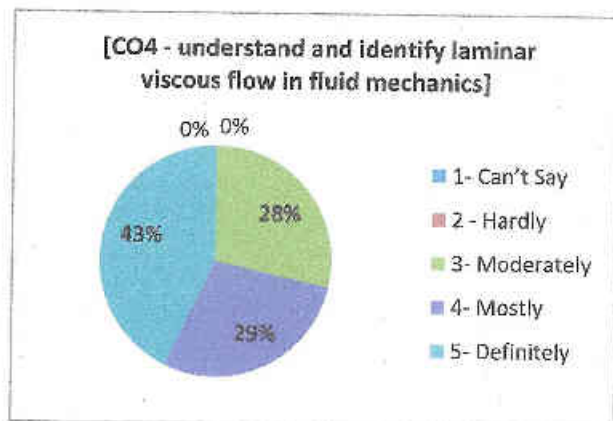




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	14.28571429
3- Moderately	3	42.85714286
4- Mostly	1	14.28571429
5- Definitely	2	28.57142857
Total	7	100



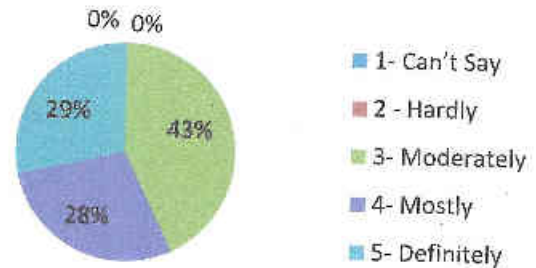
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100





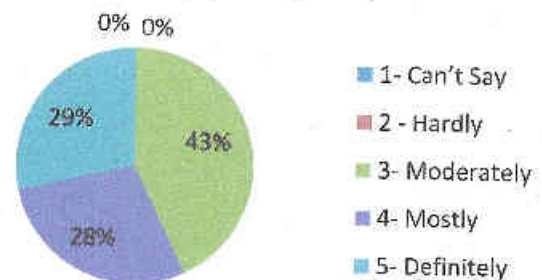
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100


[CO5 - Determine the appropriate method to evaluate head loss in pipe line due to

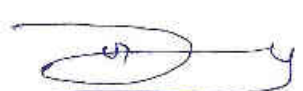


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100

[CO6 - Apply concepts of boundary layer theory to solve hydrodynamic problems]



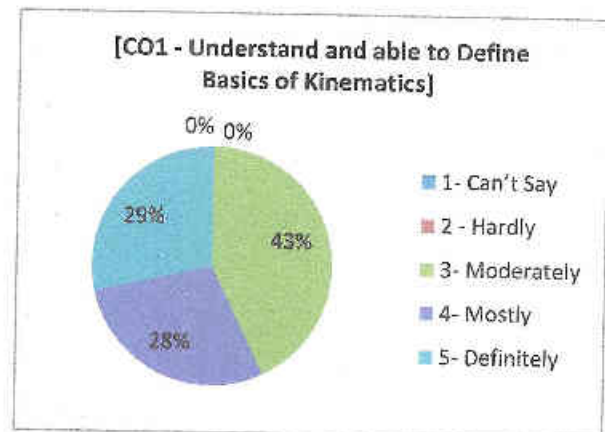

Prof. T.Z.QUAZI
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Dr. Manjusha Deshmukh
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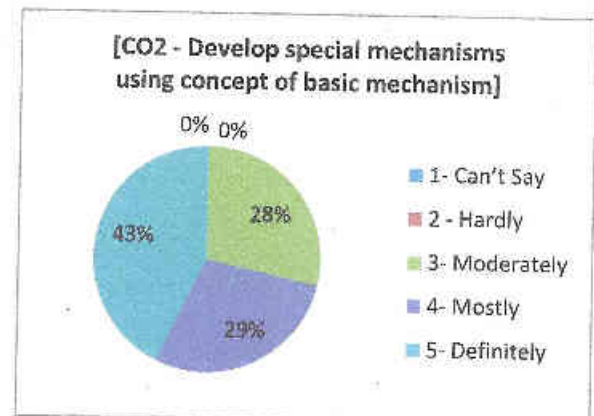


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: Kinematics of Machinery (AEC403)
Subject In-charge: Prof. Soni Jaisawal

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100



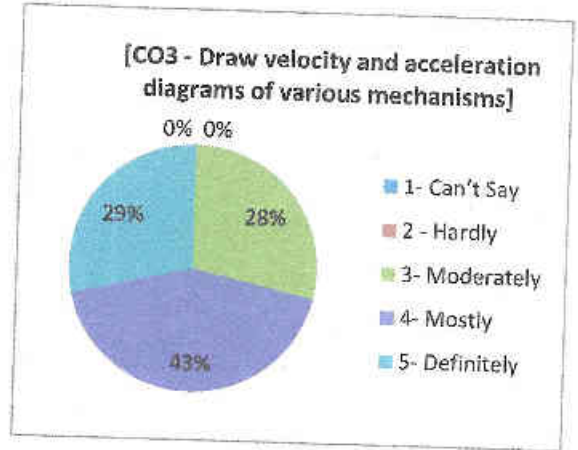


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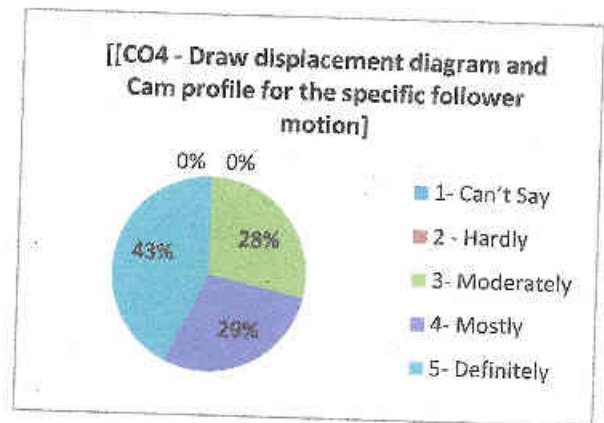
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	3	42.85714286
5- Definitely	2	28.57142857
Total	7	100

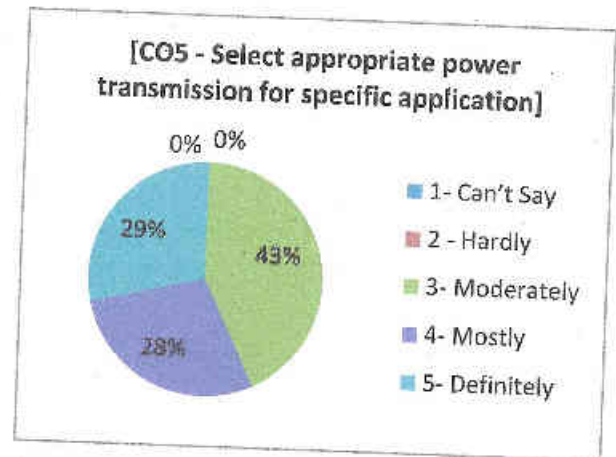


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100

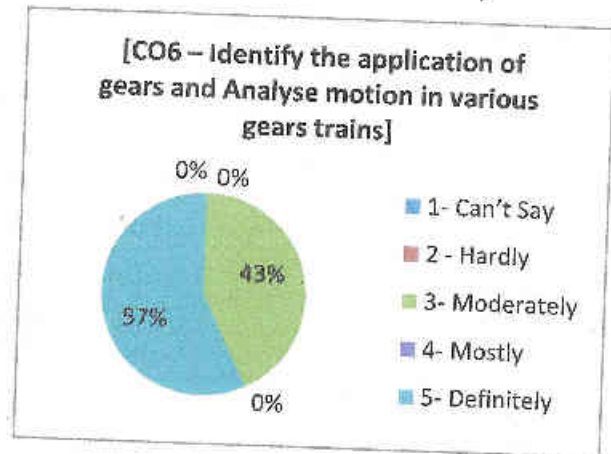




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	0	0
5- Definitely	4	57.14285714
Total	7	100



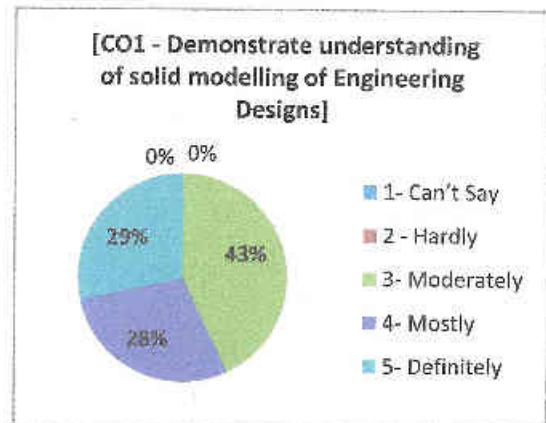

Prof. T.Z.QUAZI
 (HOD)


Dr. Manjusha Deshmukh
 (Principal)

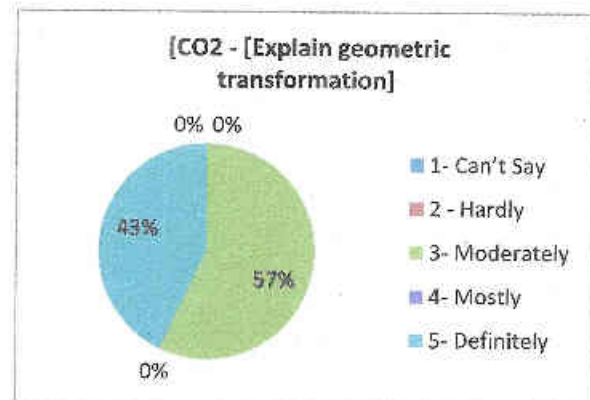


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: Cad/Cam (AEC404)
Subject In-charge: Prof. Prasana Raut

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100

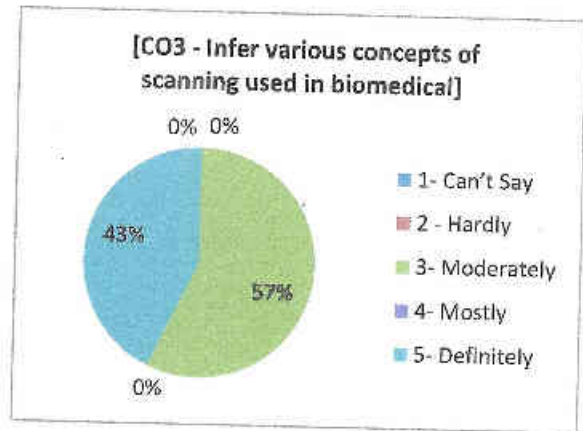


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	4	57.14285714
4- Mostly	0	0
5- Definitely	3	42.85714286
Total	7	100

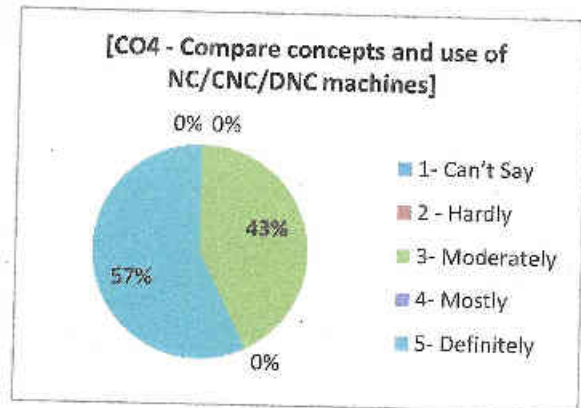




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	4	57.14285714
4- Mostly	0	0
5- Definitely	3	42.85714286
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	0	0
5- Definitely	4	57.14285714
Total	7	100



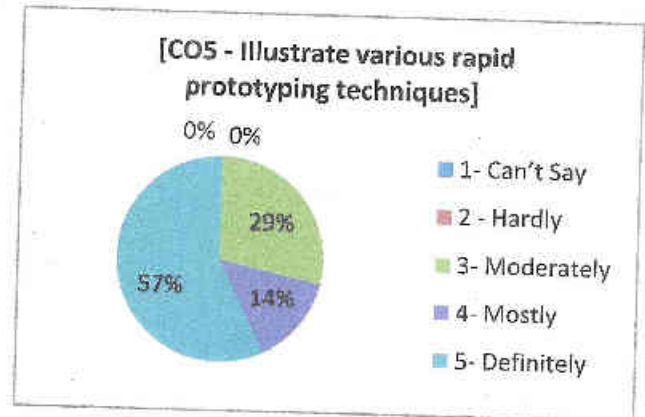


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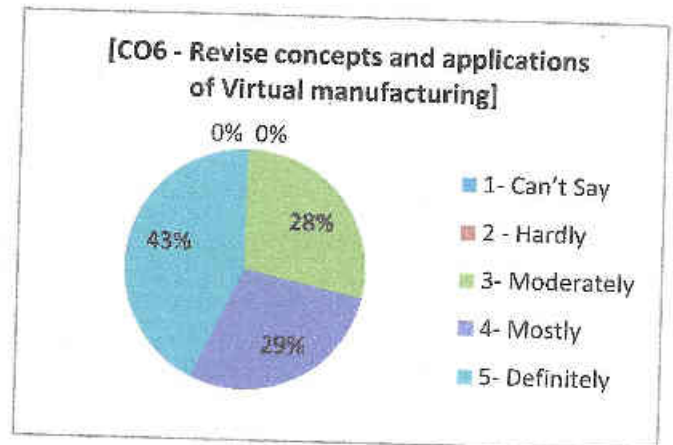
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	1	14.28571429
5- Definitely	4	57.14285714
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100



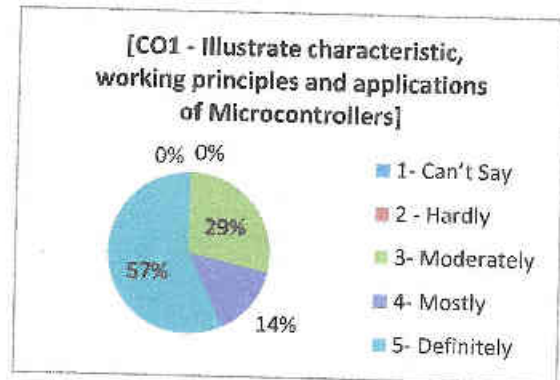

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 (Principal)

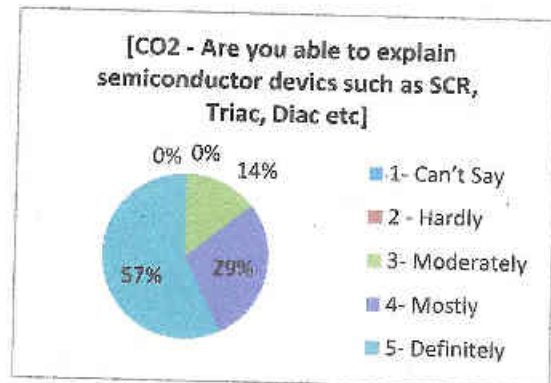


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: INDUSTRIAL ELECTRONICS (AEL401)
Subject In-charge: Prof. Nilesh Patil

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	1	14.28571429
5- Definitely	4	57.14285714
Total	7	100

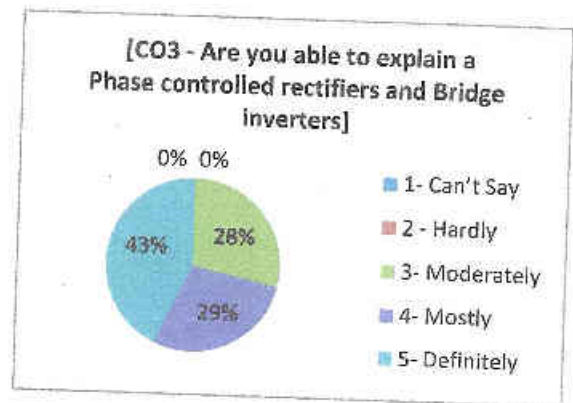


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	2	28.57142857
5- Definitely	4	57.14285714
Total	7	100

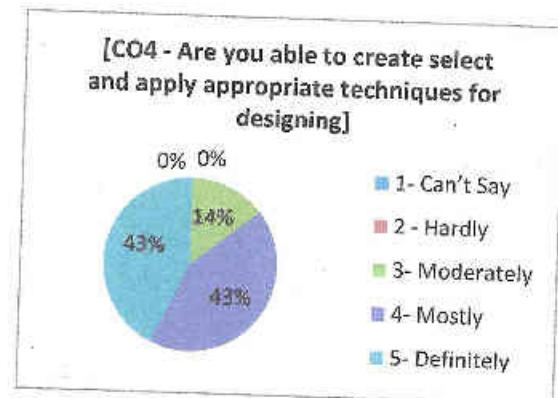




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	3	42.85714286
5- Definitely	3	42.85714286
Total	#REF!	100





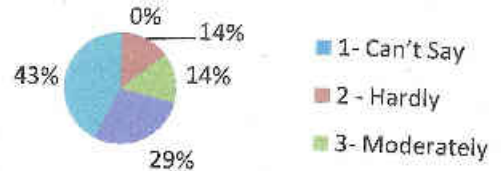
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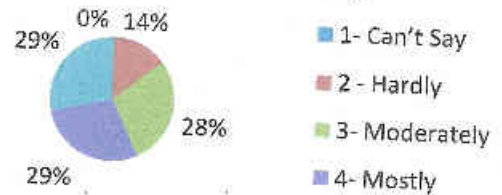
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	14.28571429
3- Moderately	1	14.28571429
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100

[CO5 - Are you able to develop logic and apply it to solve complex engineering problems by analyzing logic gates, flip flop and logic circuits]




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	14.28571429
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100

[CO6 - Are you able to find application of Microprocessor, Microcontrollers and Various motor industrial electronics]



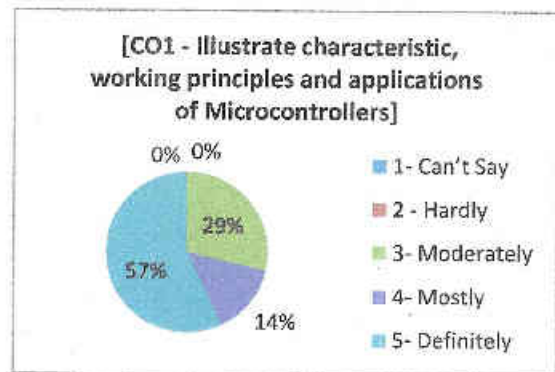

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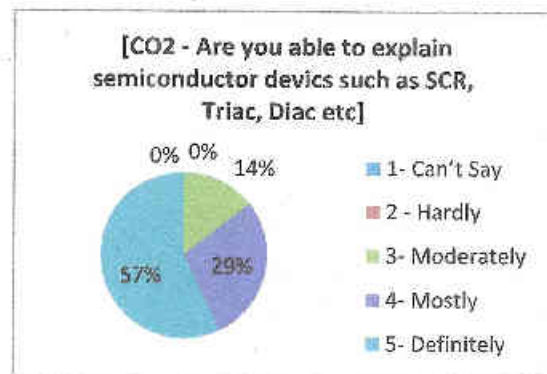


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: Industrial Engineering
Subject In-charge: Prof. Nilesh Patil

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	1	14.28571429
5- Definitely	4	57.14285714
Total	7	100

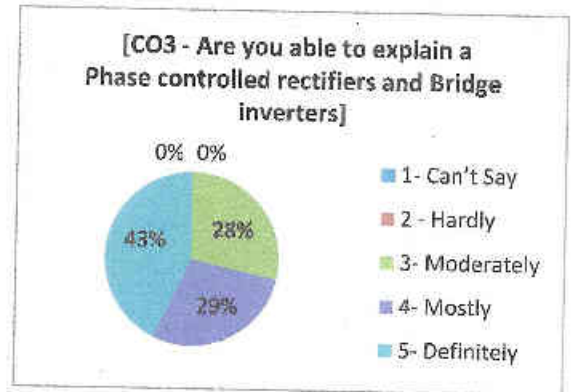


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	2	28.57142857
5- Definitely	4	57.14285714
Total	7	100

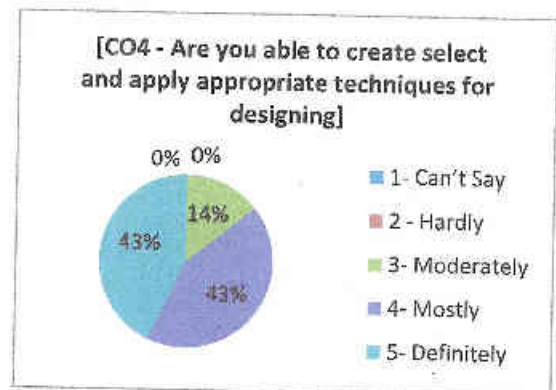




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100



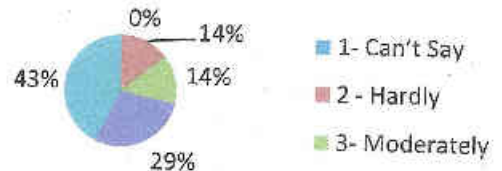
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	3	42.85714286
5- Definitely	3	42.85714286
Total	#REF!	100





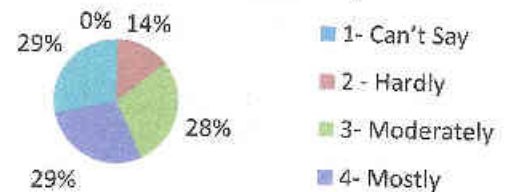
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	14.28571429
3- Moderately	1	14.28571429
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100


[CO5 - Are you able to develop logic and apply it to solve complex engineering problems by analyzing logic gates, flip flop and logic circuits]




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	14.28571429
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100

[CO6 - Are you able to find application of Microprocessor, Microcontrollers and Various motor industrial electronics]



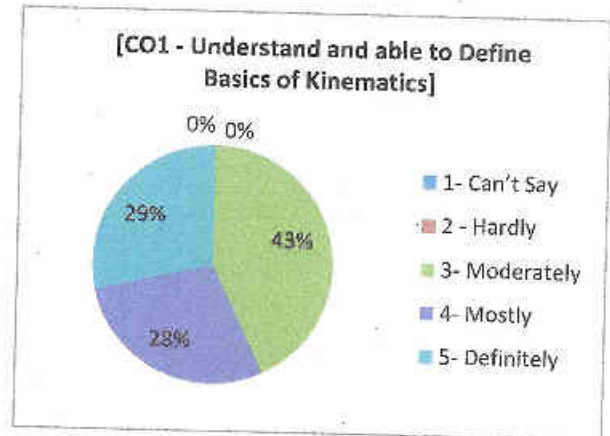

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(Principal)

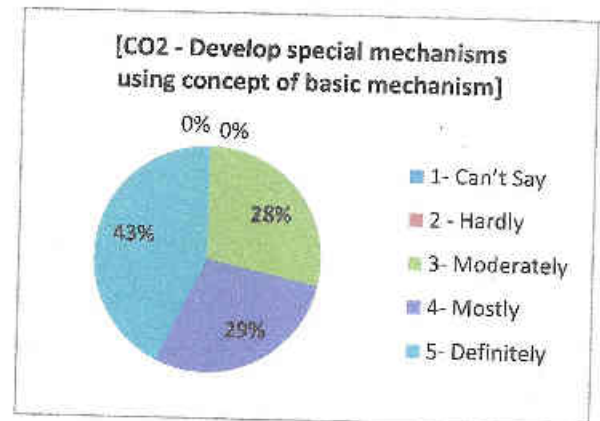


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: KINEMATICS OF MACHINERY (AEL402)
Subject In-charge: Prof. Soni Jaisawal

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100

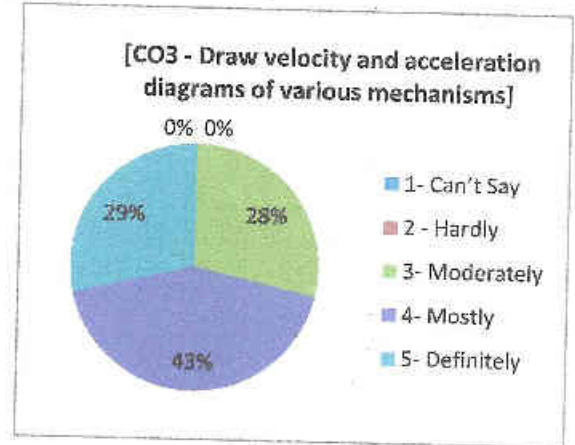


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100

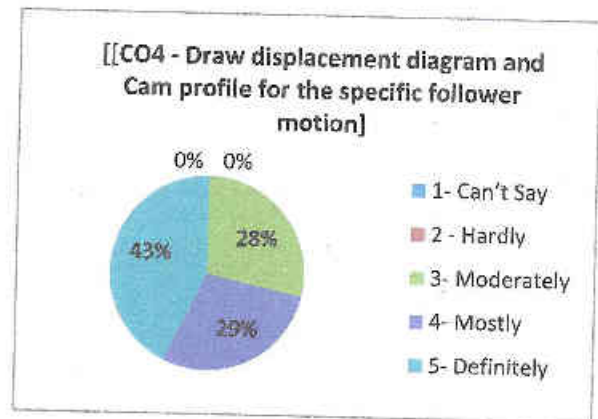




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	3	42.85714286
5- Definitely	2	28.57142857
Total	7	100

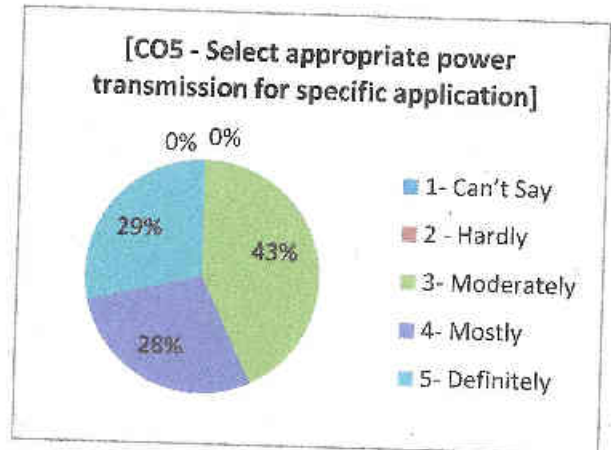


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100

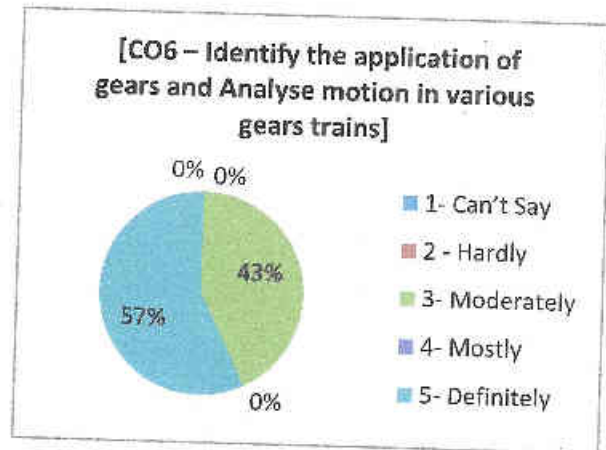




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	0	0
5- Definitely	4	57.14285714
Total	7	100



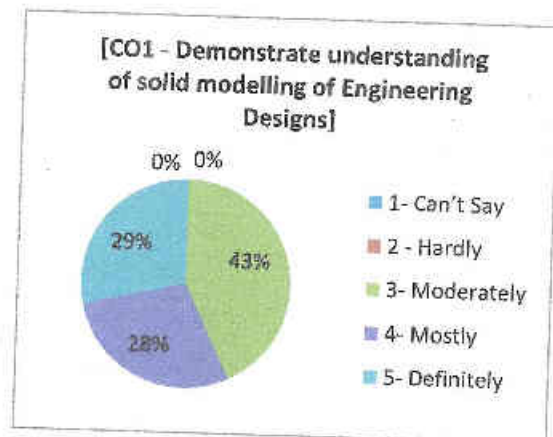
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Dr. Manjusha Deshmukh
(Principal)

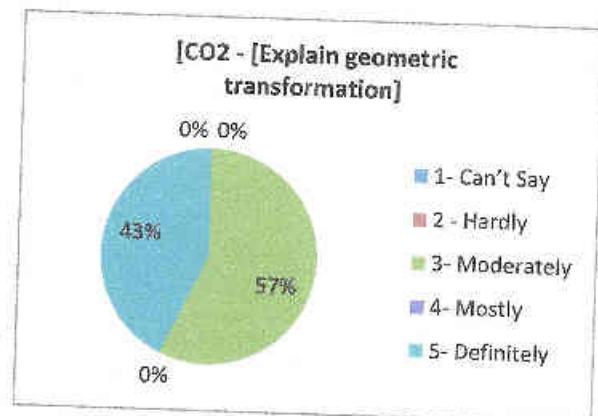


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem IV)
Subject: CNC & 3D Printing (AESBL401)
Subject In-charge: Prof. Prasana Raut

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	2	28.57142857
5- Definitely	2	28.57142857
Total	7	100

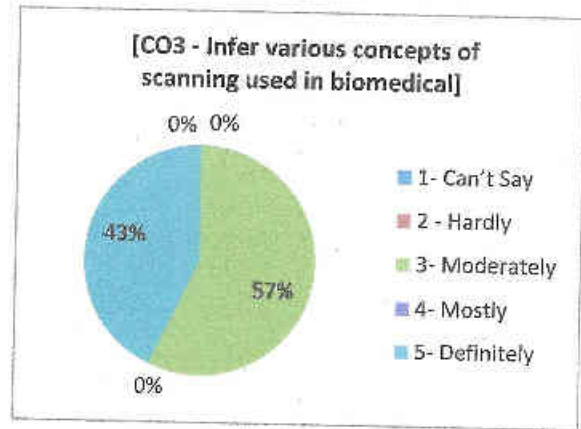


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	4	57.14285714
4- Mostly	0	0
5- Definitely	3	42.85714286
Total	7	100

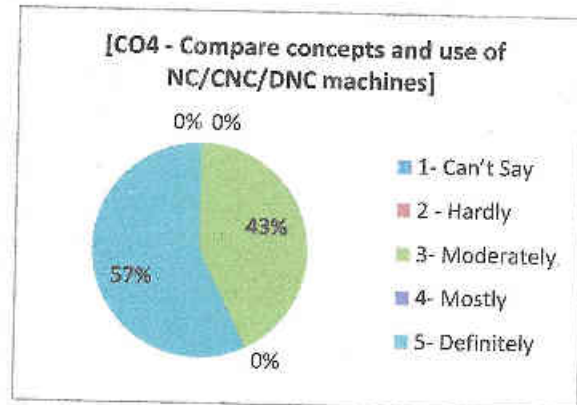




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	4	57.14285714
4- Mostly	0	0
5- Definitely	3	42.85714286
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	42.85714286
4- Mostly	0	0
5- Definitely	4	57.14285714
Total	7	100



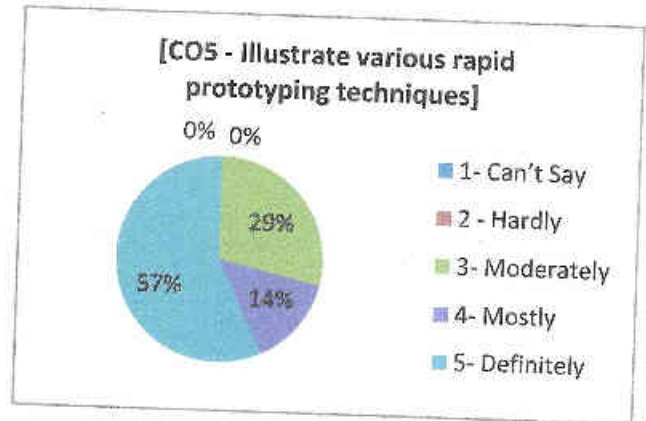


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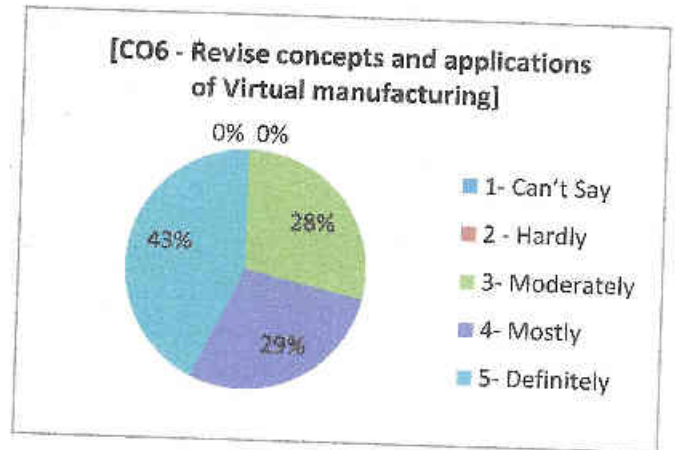
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	1	14.28571429
5- Definitely	4	57.14285714
Total	7	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	28.57142857
4- Mostly	2	28.57142857
5- Definitely	3	42.85714286
Total	7	100



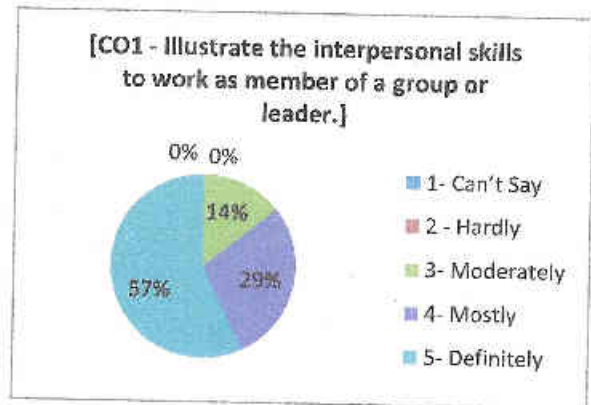

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(HOD)


Dr. Manjusha Deshmukh
(Principal)

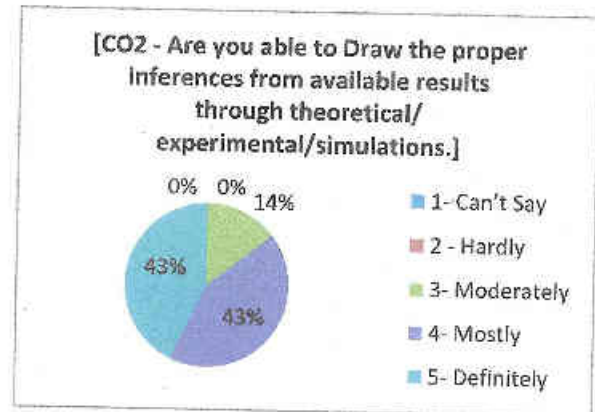


Department of Automobile Engineering
Academic Year: 2021-2022 (ODD SEM)
Course Exit Analysis Report (Sem IV)
Subject: MINI PROJECT – 1B (AEPBL401)
Subject In-charge: Prof. Nilesh Patil

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	2	28.57142857
5- Definitely	4	57.14285714
Total	7	100

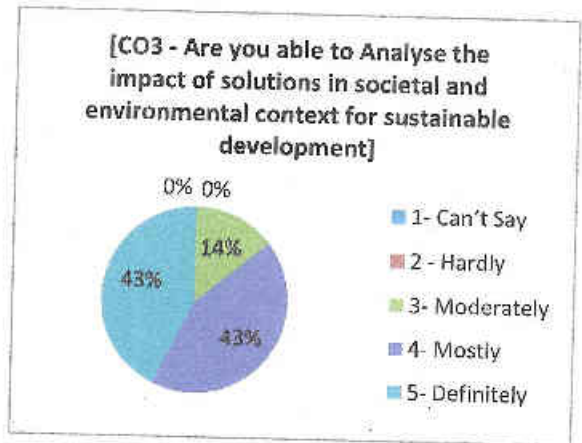


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	3	42.85714286
5- Definitely	3	42.85714286
Total	7	100

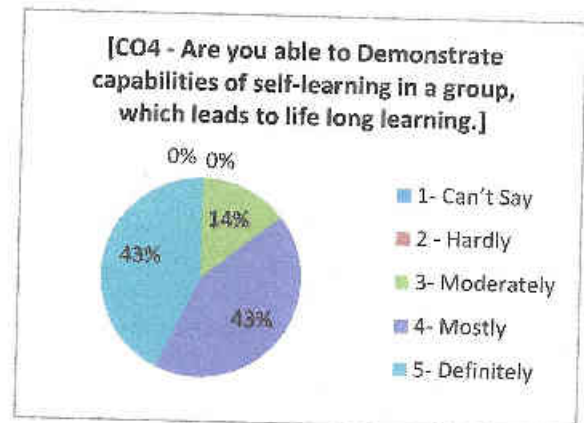




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	3	42.85714286
5- Definitely	3	42.85714286
Total	7	100



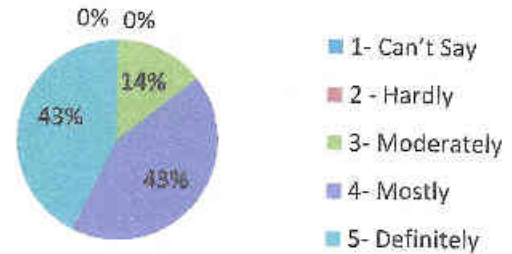
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	3	42.85714286
5- Definitely	3	42.85714286
Total	7	100





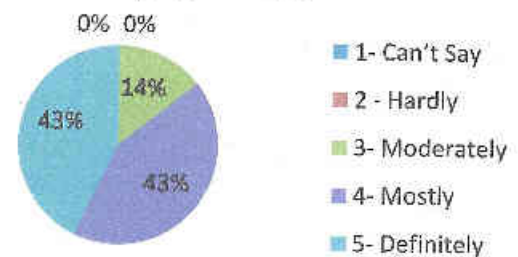
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	3	42.85714286
5- Definitely	3	42.85714286
Total	7	100

[CO5 - Are you able to solve problems using Excel in written and oral communication.]



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	14.28571429
4- Mostly	3	42.85714286
5- Definitely	3	42.85714286
Total	7	100

[CO6 - Are you able to Demonstrate project management principles during project work.]




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Action Taken Report on Student's Feedback

Department: Automobile Engineering

Academic Year- 2021-2022

SEM: SEM IV

YEAR: SE

SR NO	Subject	Faculty	Feedback/Concern	Action Take
1	Engineering Mathematics IV	Prof. Shirish Kulkarni	Need to understand dual simplex method via some video content	Video shown to students https://www.youtube.com/watch?v=6rAZyEF9PYo
2	Industrial Electronics	Prof. Nilesh Patil	Difficulty in understanding POWER BJT	Shared Vide link to students: https://www.youtube.com/watch?v=tNp39_L_HtU
3	CAD/CAM	Prof. Prasanna Raut	More informative notes about CAD needed	Informative notes for the required topic were provided to students: https://www.vssut.ac.in/lecture_notes/lecture1530947994.pdf
4	Kinematics of Machinery	Prof. Soni Jaiswal	More practical session and video contents should be included on CAM Mechanism	Video session has been implemented through projector in lecture: https://www.vssut.ac.in/lecture_notes/lecture1530947994.pdf

5	Fluid Mechanics	Prof. Sagar Khatavkar	Some of the topics like kinematics of fluid flow are difficult to understand from student point of view	Online animated Content and NPTEL lecture series on such topics were given to students: https://www.youtube.com/watch?v=5H0euuo1PGQ&t=55s
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HOD

HOD

Automobile Engg.

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Principal

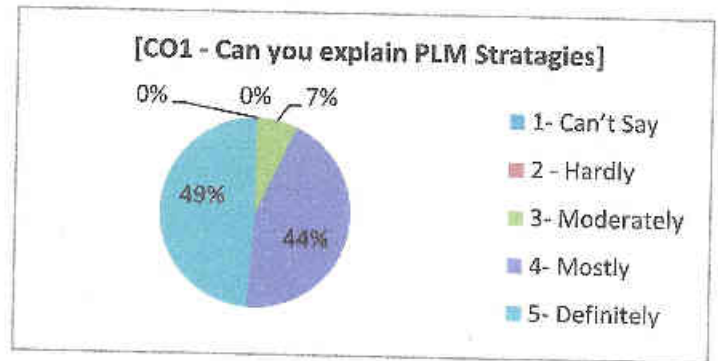
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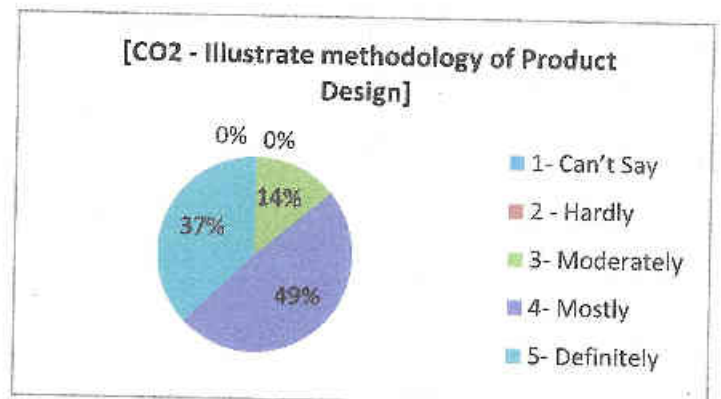


Department of Automobile Engineering
Academic Year: 2022-2023 (ODD SEM)
Course Exit Analysis Report (Sem VI)
Subject: Product Lifecycle Management (ILO7011)
In-charge: Prof. T.Z. Quazi

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	6.976744186
4- Mostly	19	44.18604651
5- Definitely	21	48.8372093
Total	43	100

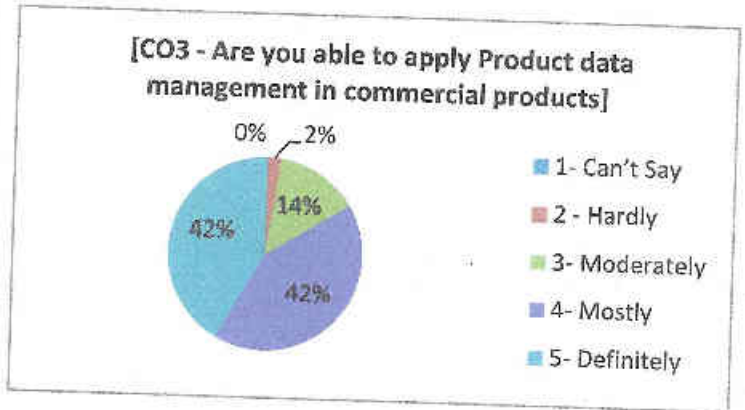


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	6	13.95348837
4- Mostly	21	48.8372093
5- Definitely	16	37.20930233
Total	43	100

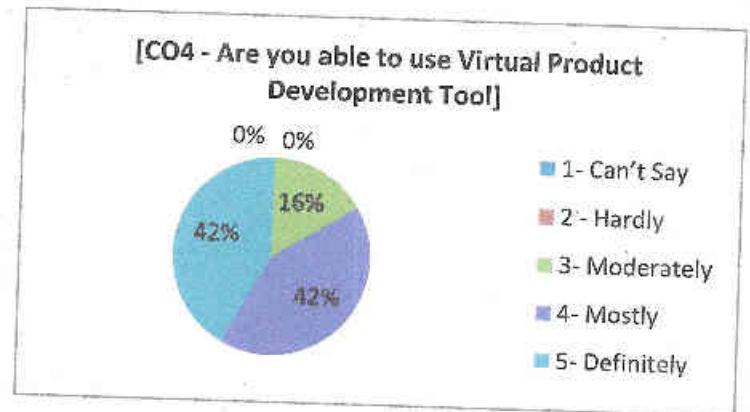




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2.325581395
3- Moderately	6	13.95348837
4- Mostly	18	41.86046512
5- Definitely	18	41.86046512
Total	43	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	7	16.27906977
4- Mostly	18	41.86046512
5- Definitely	18	41.86046512
Total	43	100



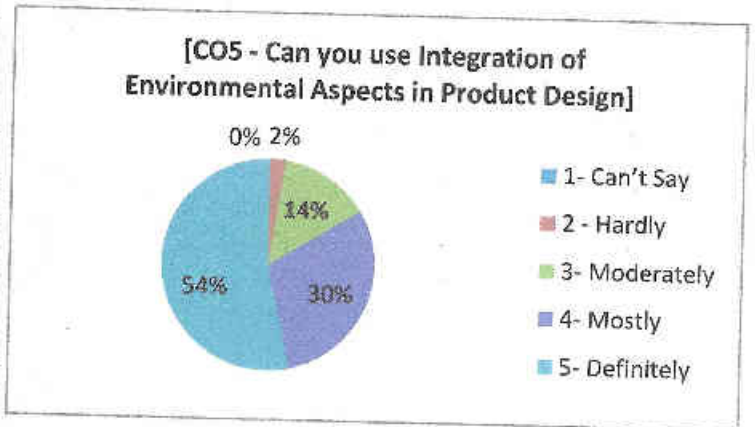


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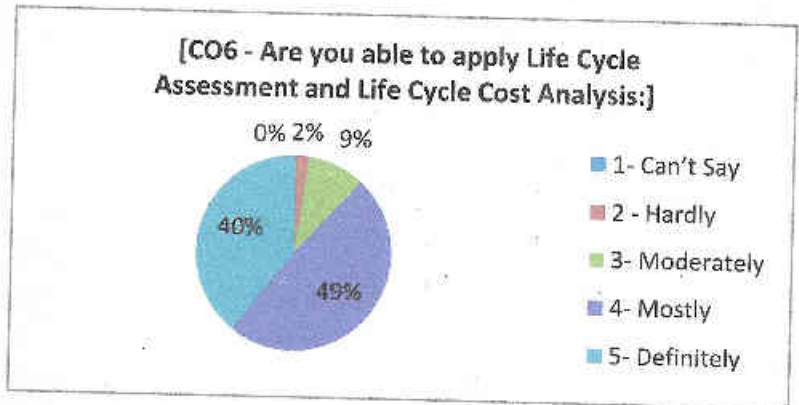
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2.325581395
3- Moderately	6	13.95348837
4- Mostly	13	30.23255814
5- Definitely	23	53.48837209
Total	43	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2.325581395
3- Moderately	4	9.302325581
4- Mostly	21	48.8372093
5- Definitely	17	39.53488372
Total	43	100



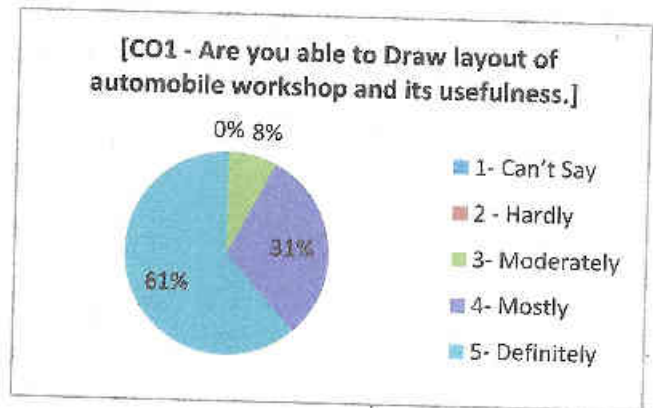

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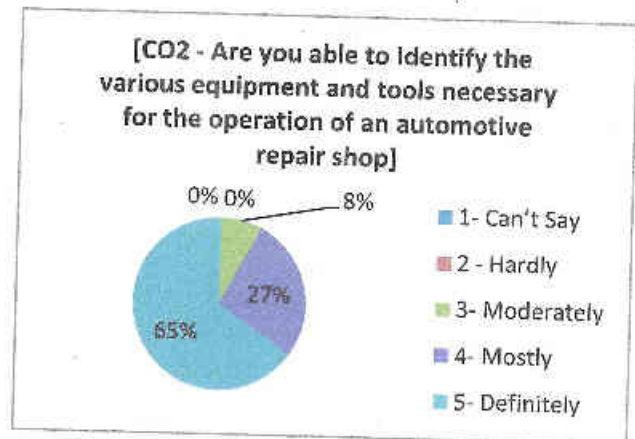


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: MINI PROJECT – 2B (AEPBL601)
Subject In-charge: Prof. Nilesh Patil

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	0
4- Mostly	8	34.8
5- Definitely	16	65.11
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.69
4- Mostly	7	26.9
5- Definitely	17	65.38
Total	26	100



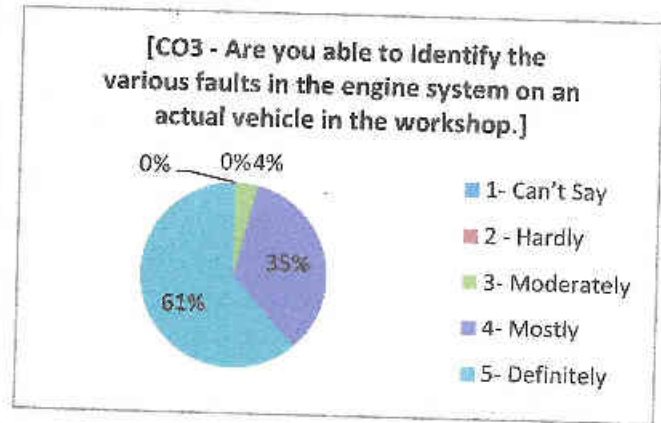


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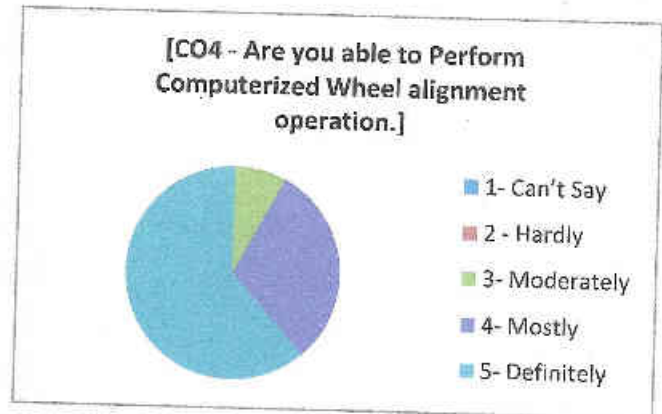
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.84
4- Mostly	9	34.6
5- Definitely	16	61.5
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.69
4- Mostly	8	30.7
5- Definitely	16	61.5
Total	26	100



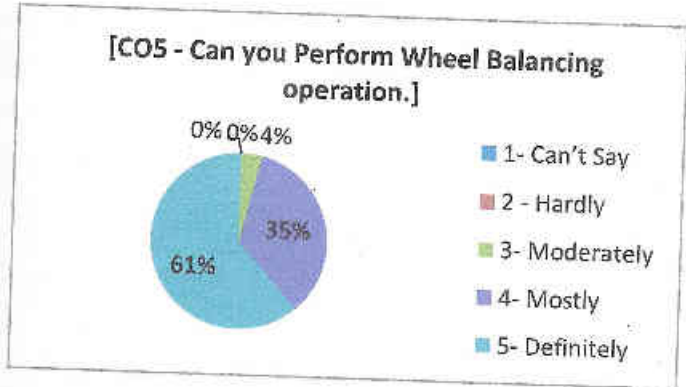


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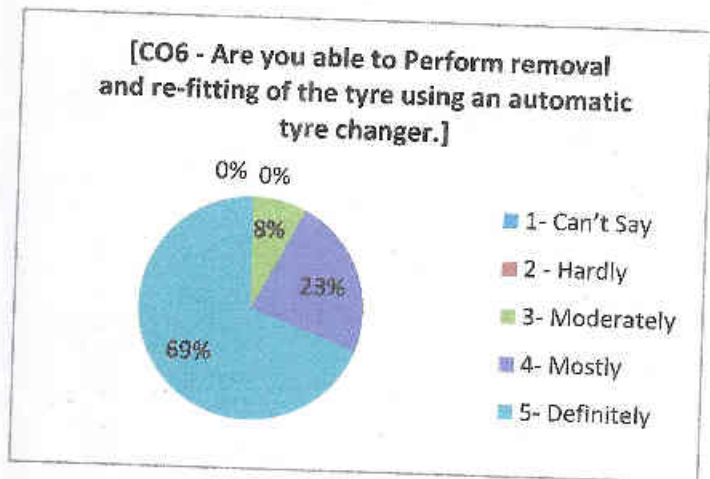
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.84
4- Mostly	9	34.6
5- Definitely	16	61.5
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692
4- Mostly	6	23.07
5- Definitely	18	69.23
Total	26	100



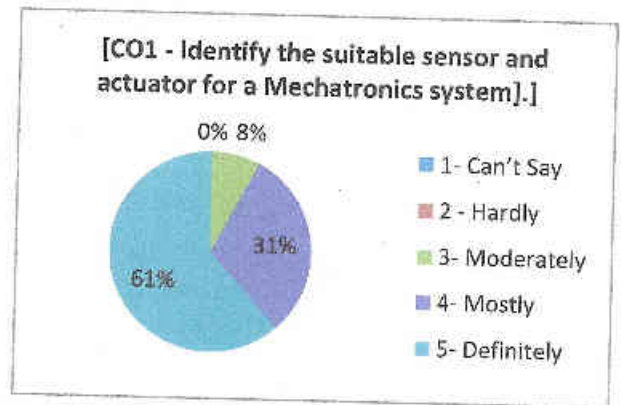

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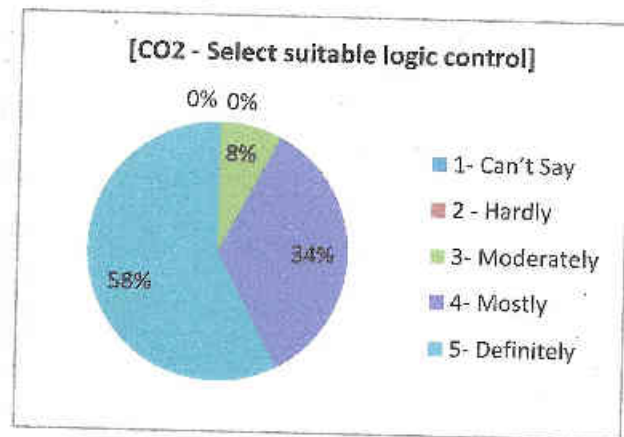


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Measurements and Automation (AESBL601)
Subject In-charge: Dr. Vivek B. Yankundi

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.69
4- Mostly	8	30.76
5- Definitely	16	61.53
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692
4- Mostly	9	34.61
5- Definitely	15	57.69
Total	26	100



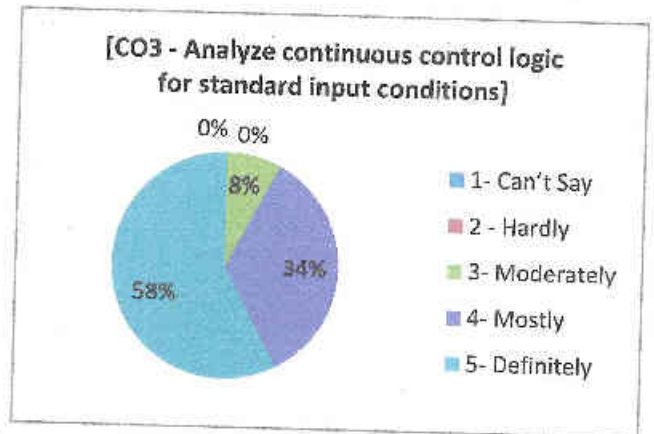


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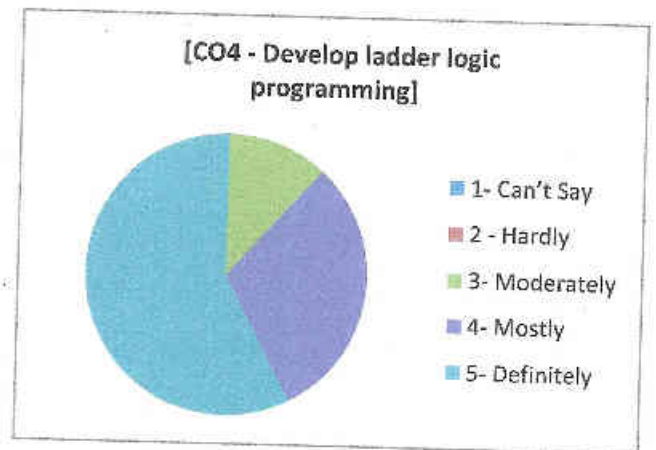
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692307692
4- Mostly	9	34.61538462
5- Definitely	15	57.69230769
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.538
4- Mostly	8	30.769
5- Definitely	15	57.692
Total	26	100



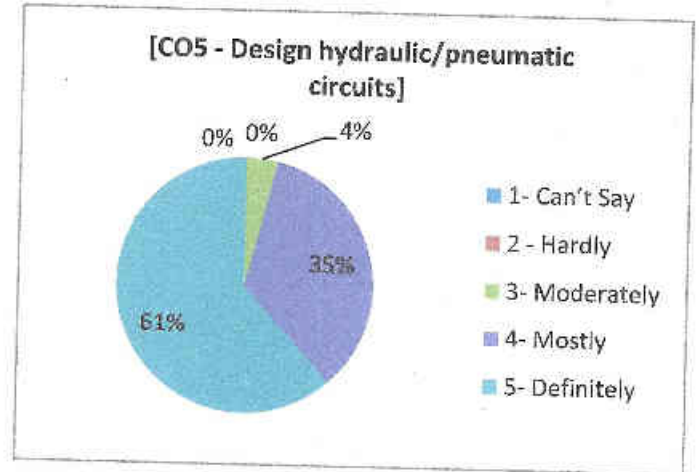


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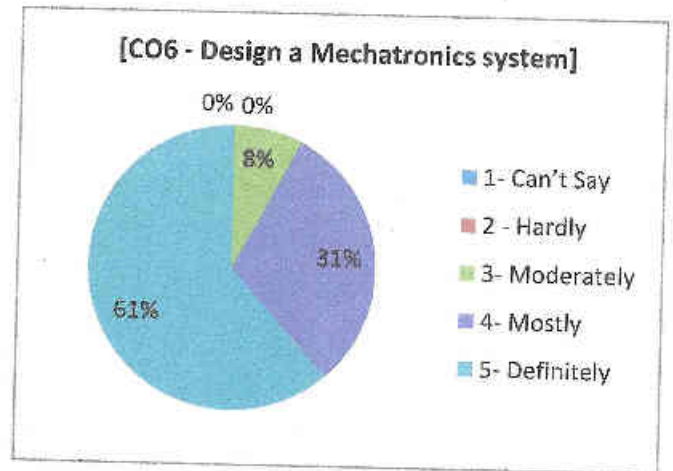
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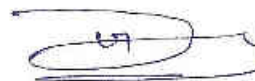
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.84
4- Mostly	9	34.61
5- Definitely	16	61.53
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.69
4- Mostly	8	30.76
5- Definitely	16	61.53
Total	26	100



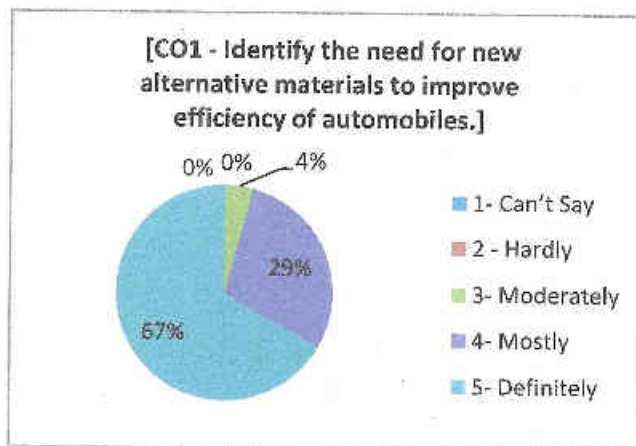

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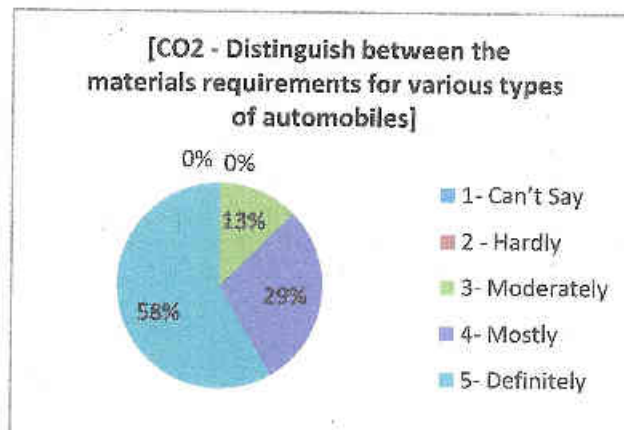


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (SemVI)
Subject: Automotive System Design (AEL601)
Subject In-charge: Prof. Sagar B. Kadu

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.846153846
4- Mostly	7	26.92307692
5- Definitely	16	61.53846154
Total	24	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	7	26.92307692
5- Definitely	14	53.84615385
Total	24	100



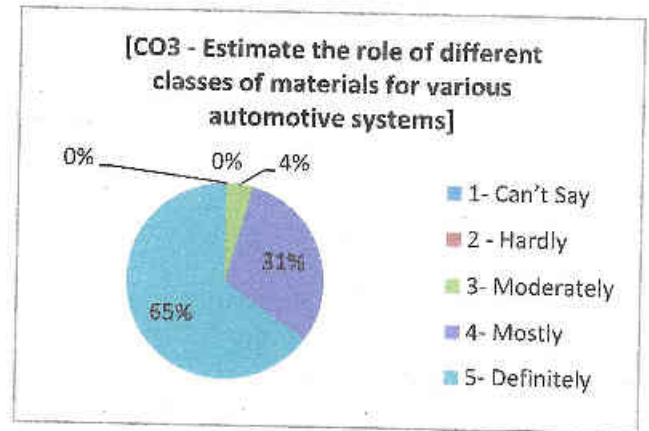


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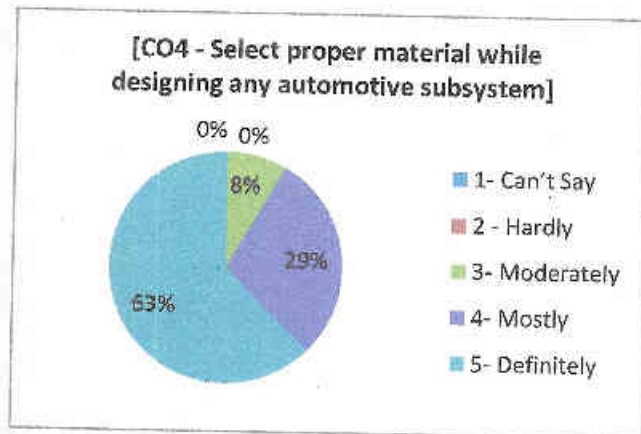
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.846153846
4- Mostly	7	26.92307692
5- Definitely	15	57.69230769
Total	23	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692307692
4- Mostly	7	26.92307692
5- Definitely	15	57.69230769
Total	24	100



[CO5 - Select advanced materials for specific automobile components]



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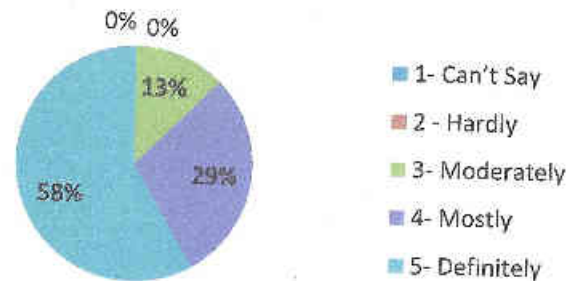
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	5	19.23076923
5- Definitely	16	61.53846154
Total	24	100

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	7	26.92307692
5- Definitely	14	53.84615385
Total	24	100

[CO6 - Comprehend Ashby charts for material selection]



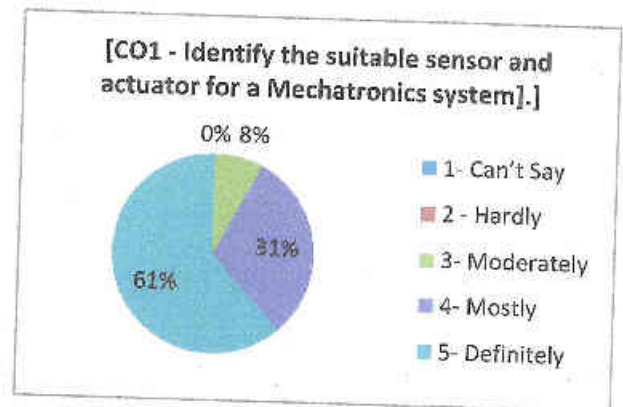

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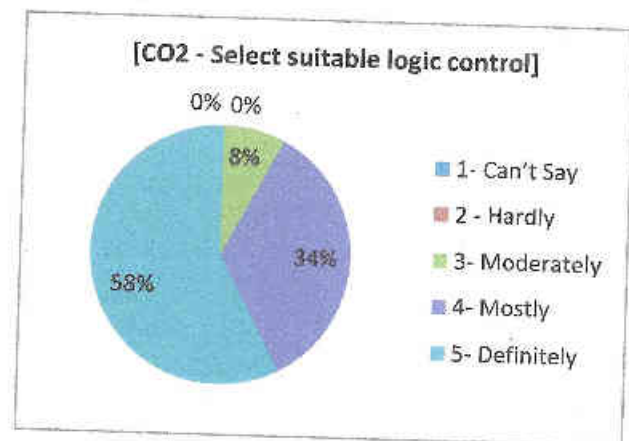


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Automation and Artificial Intelligence (AEC604)
Subject In-charge: Dr. Vivek B. Yankundi

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.69
4- Mostly	8	30.76
5- Definitely	16	61.53
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692
4- Mostly	9	34.61
5- Definitely	15	57.69
Total	26	100



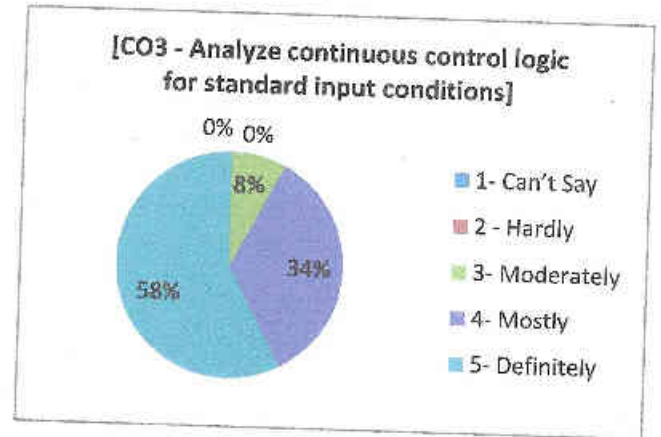


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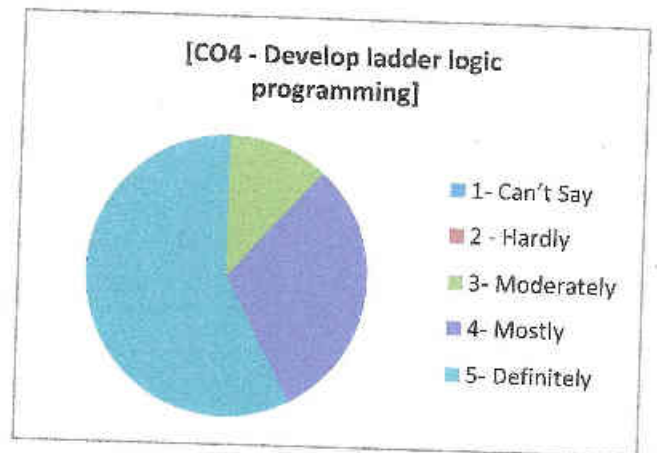
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692307692
4- Mostly	9	34.61538462
5- Definitely	15	57.69230769
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.538
4- Mostly	8	30.769
5- Definitely	15	57.692
Total	26	100



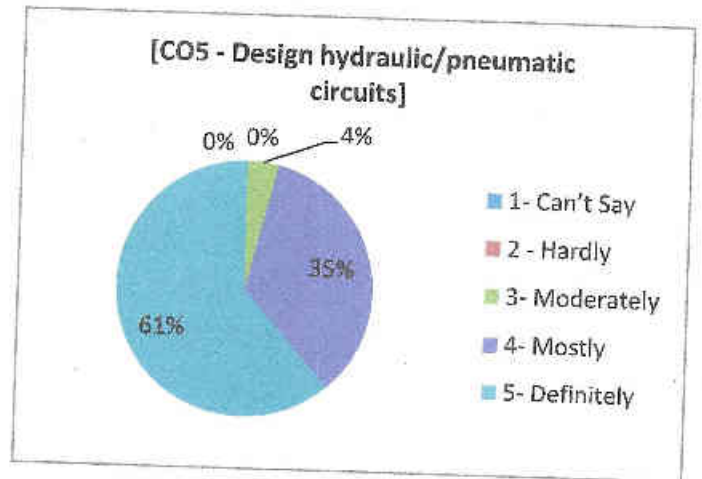


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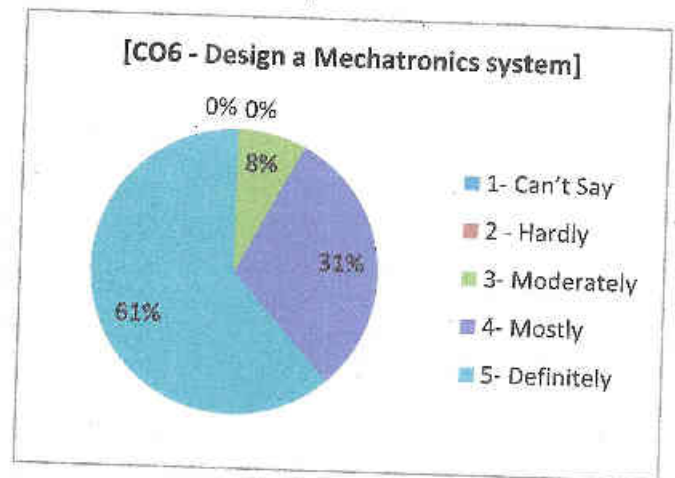
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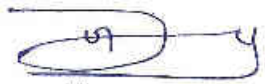
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.84
4- Mostly	9	34.61
5- Definitely	16	61.53
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.69
4- Mostly	8	30.76
5- Definitely	16	61.53
Total	26	100



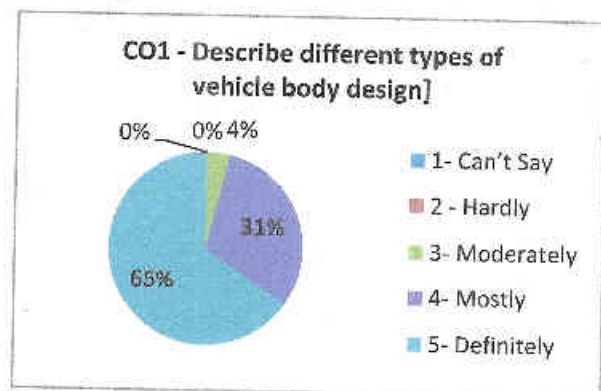

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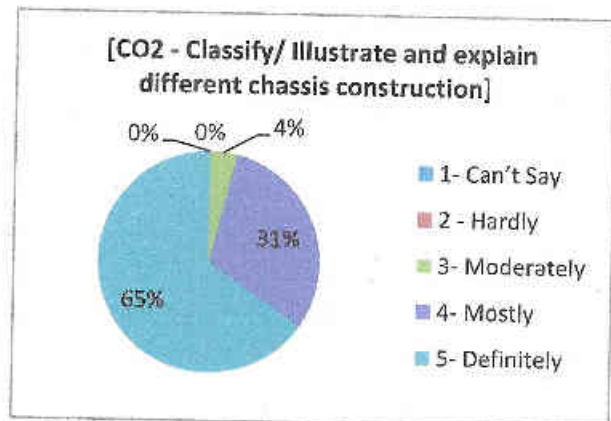


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Vehicle Body Engineering and Safety (AEC603)
Subject In-charge: Dr. Vishnudas Chodankar

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.84
4- Mostly	8	30.76
5- Definitely	17	65.38
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.846
4- Mostly	8	30.7
5- Definitely	17	65.384
Total	26	100



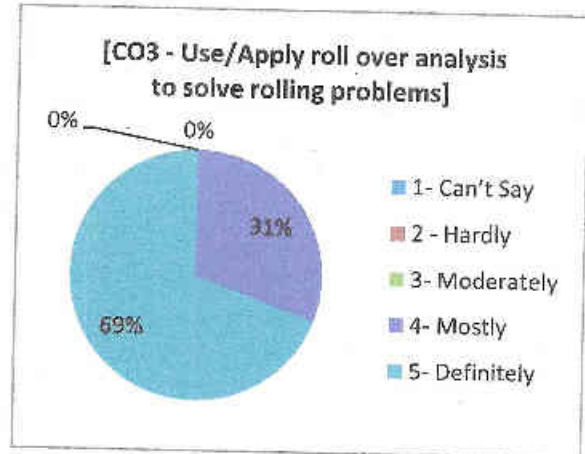


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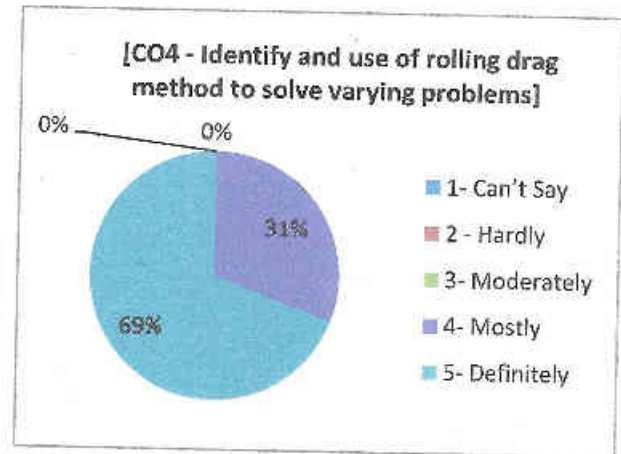
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	8	30.76923
5- Definitely	18	69.230
Total	26	100

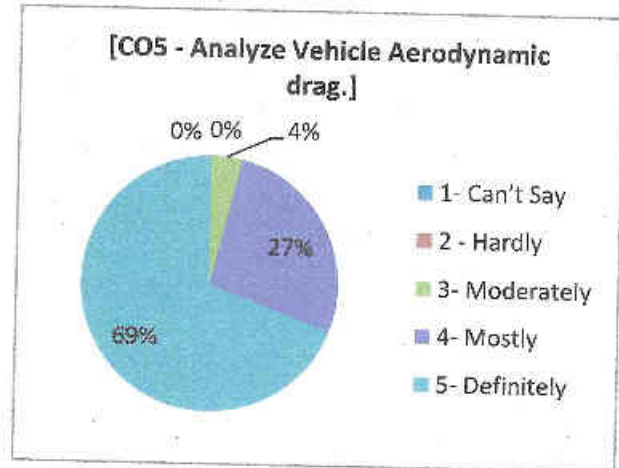


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	8	30.76
5- Definitely	18	69.23
Total	26	100

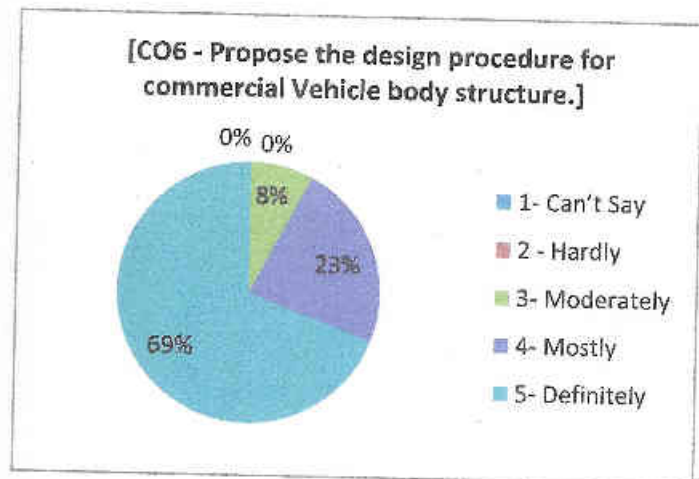





Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.846
4- Mostly	7	26.923
5- Definitely	18	69.23
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692
4- Mostly	6	23.076
5- Definitely	18	69.230
Total	26	100



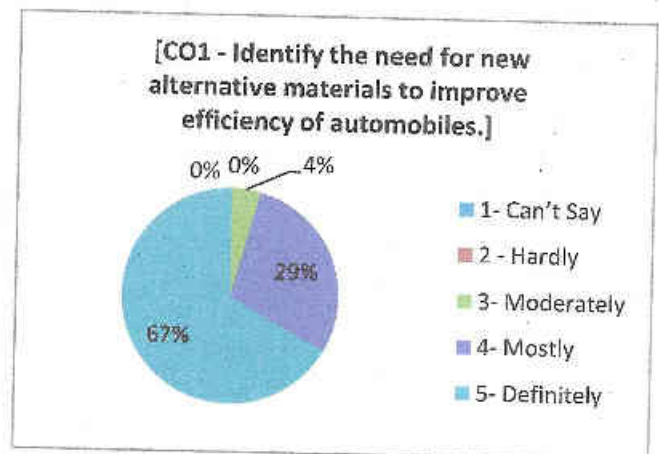

Prof. T.Z.QUAZI
 (HOD)


Dr. Manjusha Deshmukh
 (Principal)

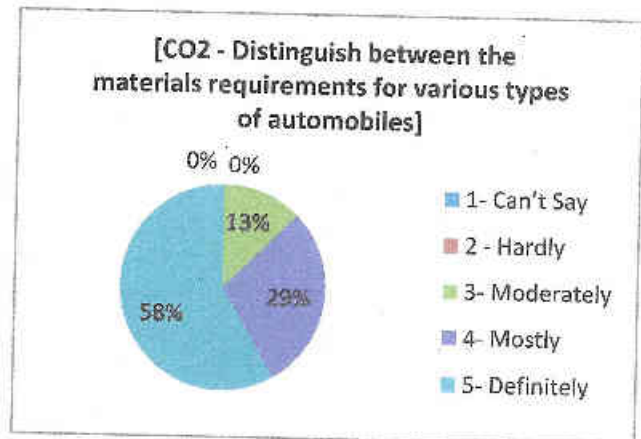


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Automotive System Design (AEC601)
Subject In-charge: Prof. Sagar B. Kadu

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.846153846
4- Mostly	7	26.92307692
5- Definitely	16	61.53846154
Total	24	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	7	26.92307692
5- Definitely	14	53.84615385
Total	24	100





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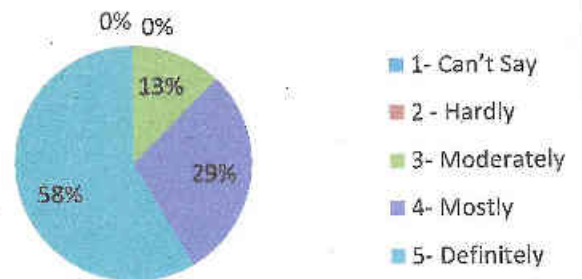
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	5	19.23076923
5- Definitely	16	61.53846154
Total	24	100

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	7	26.92307692
5- Definitely	14	53.84615385
Total	24	100

[CO6 - Comprehend Ashby charts for material selection]



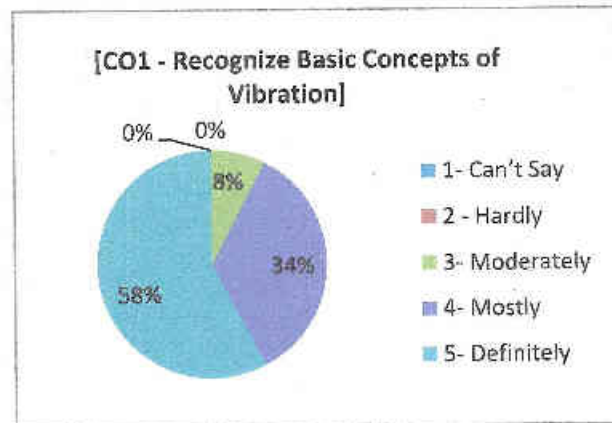

Prof. T.Z.QUAZI
(HOD)


Dr. Manjusha Deshmukh
(Principal)

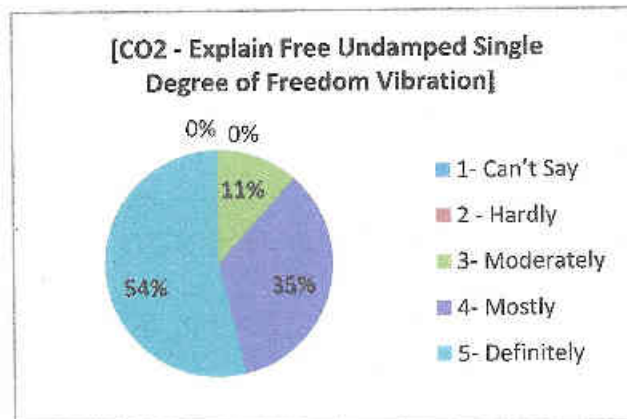


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Mechanical Vibration (AEC604)
Subject In-charge: Prof. Amit Patil

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692
4- Mostly	9	34.615
5- Definitely	15	57.692
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.538
4- Mostly	9	34.61
5- Definitely	14	53.846
Total	26	100



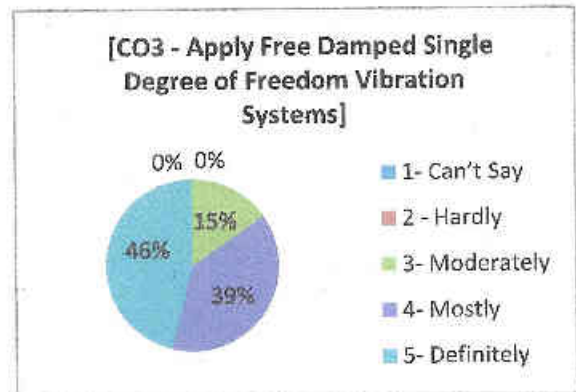


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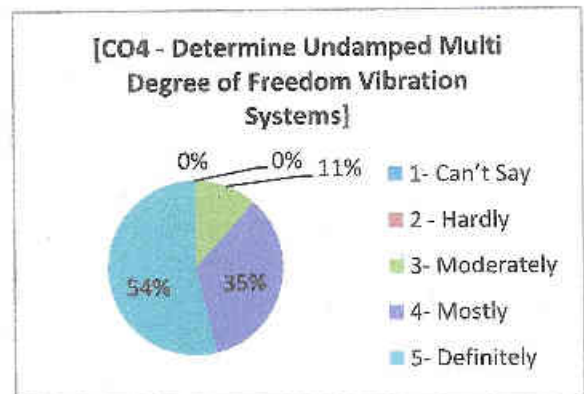
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	4	15.384
4- Mostly	10	38.461
5- Definitely	12	46.153
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	9	34.61538462
5- Definitely	14	53.84615385
Total	26	100



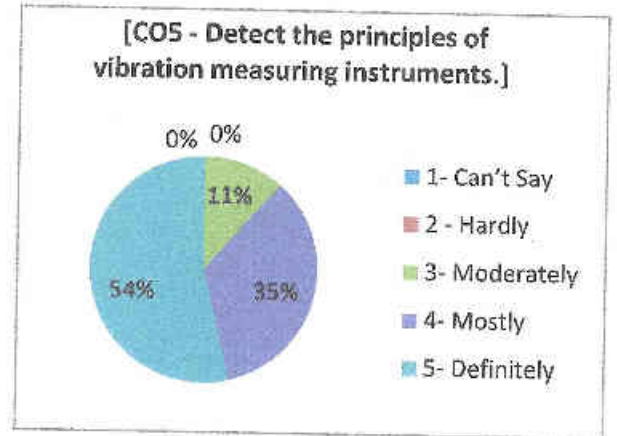


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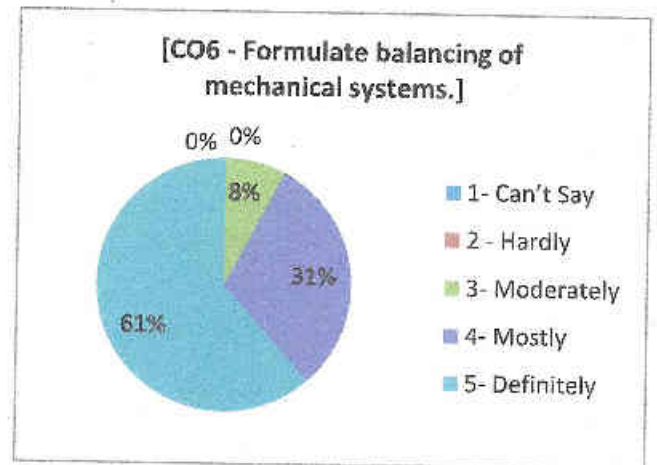
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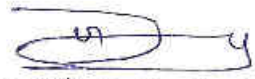
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.538
4- Mostly	9	34.615
5- Definitely	14	53.846
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.6923
4- Mostly	8	30.769
5- Definitely	16	61.538
Total	26	100



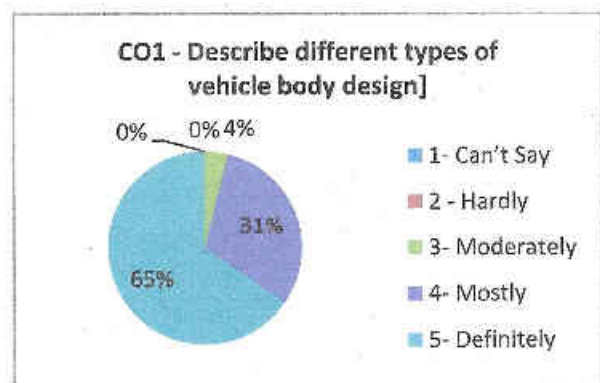

Prof. T.Z.QUAZI
(HOD)


Dr. Manjusha Deshmukh
(Principal)

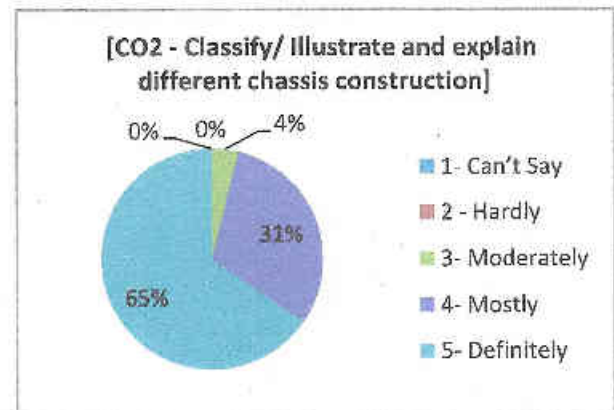


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Vehicle Body Engineering and Safety (AEL603)
Subject In-charge: Dr. Vishnudas Chodankar

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.84
4- Mostly	8	30.76
5- Definitely	17	65.38
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.846
4- Mostly	8	30.7
5- Definitely	17	65.384
Total	26	100



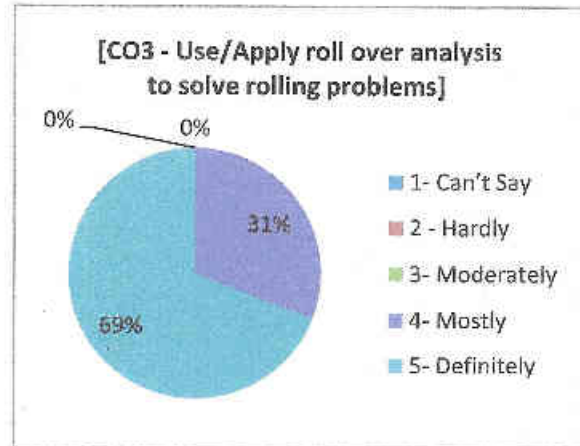


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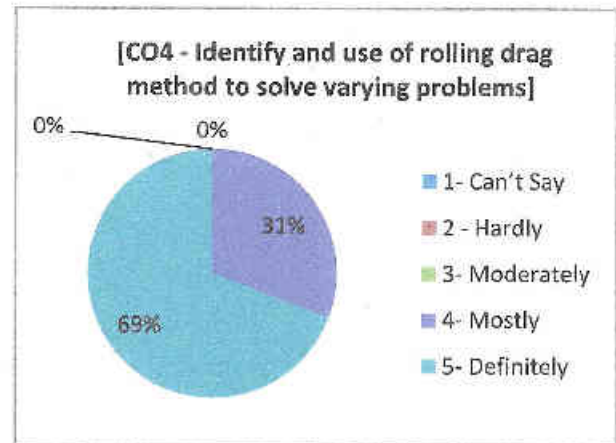
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	8	30.76923
5- Definitely	18	69.230
Total	26	100

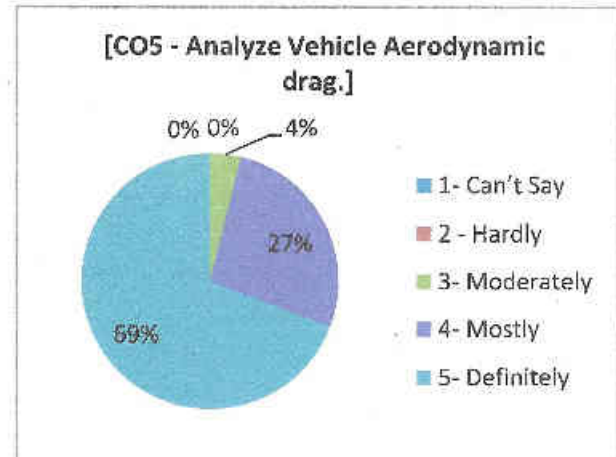


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	8	30.76
5- Definitely	18	69.23
Total	26	100

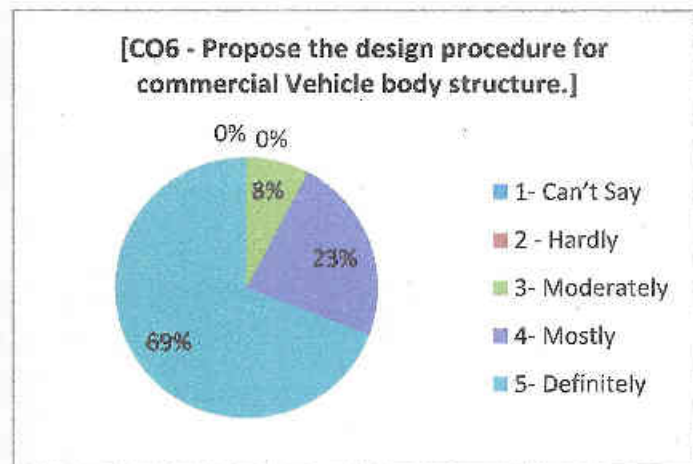




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	3.846
4- Mostly	7	26.923
5- Definitely	18	69.23
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692
4- Mostly	6	23.076
5- Definitely	18	69.230
Total	26	100



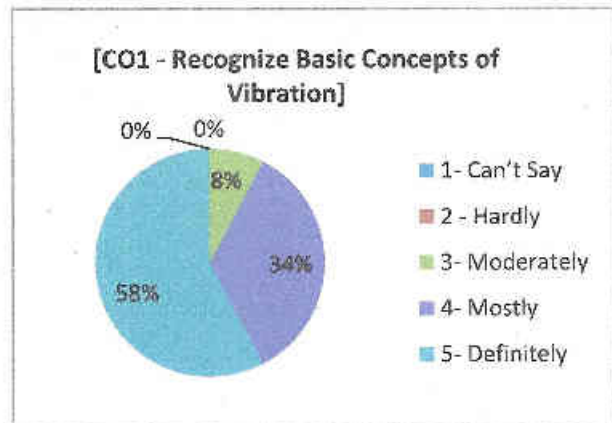
Prof. T.Z.QUAZI
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Dr. Manjusha Deshmukh
(Principal)

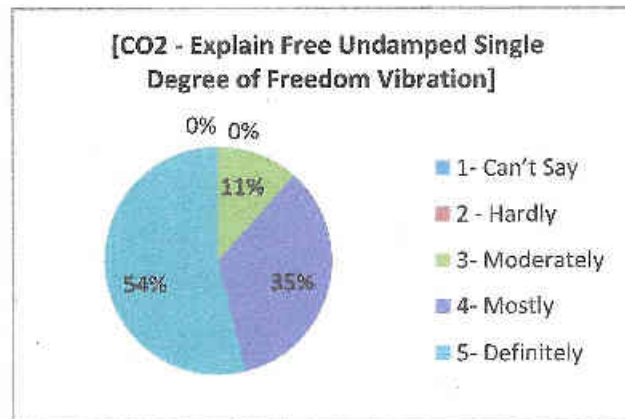


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VI)
Subject: Mechanical Vibration (AEL602)
Subject In-charge: Prof. Amit Patil

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.692
4- Mostly	9	34.615
5- Definitely	15	57.692
Total	26	100

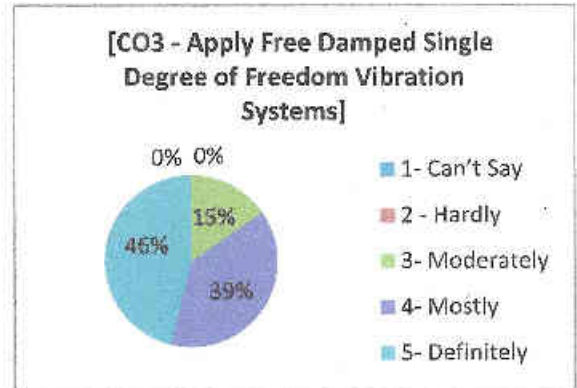


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.538
4- Mostly	9	34.61
5- Definitely	14	53.846
Total	26	100

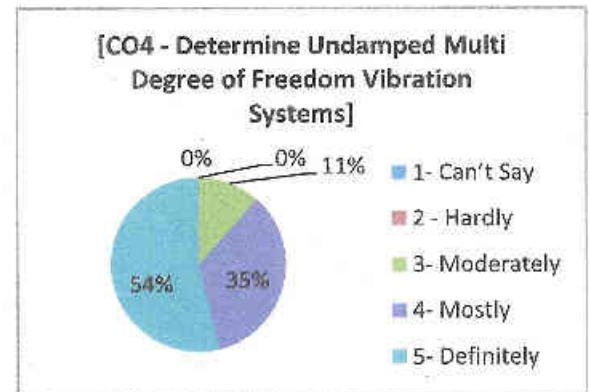




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	4	15.384
4- Mostly	10	38.461
5- Definitely	12	46.153
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.53846154
4- Mostly	9	34.61538462
5- Definitely	14	53.84615385
Total	26	100



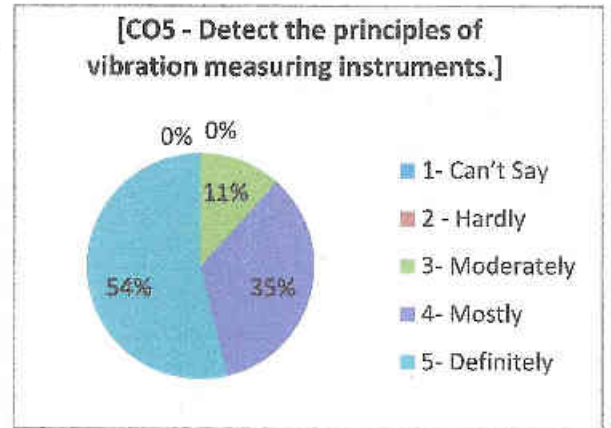


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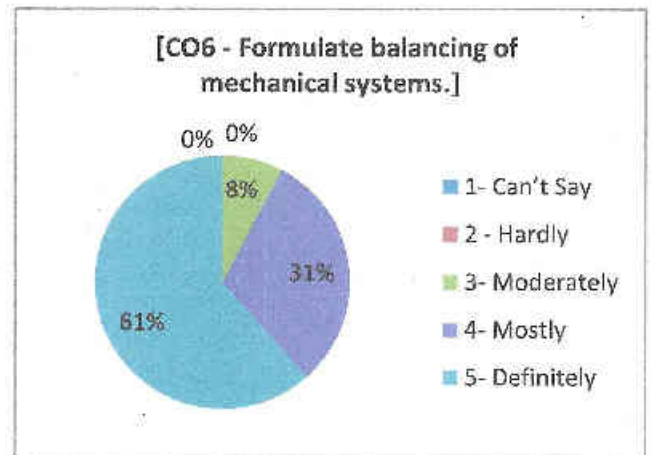
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	11.538
4- Mostly	9	34.615
5- Definitely	14	53.846
Total	26	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	7.6923
4- Mostly	8	30.769
5- Definitely	16	61.538
Total	26	100




Prof. T.Z.QUAZI
 (HOD)


Dr. Manjusha Deshmukh
 (Principal)



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Action Taken Report on Student's Feedback

Department: Automobile Engineering

Academic Year- 2021-2022

SEM: SEM VI

YEAR: TE

SR No.	Subject	Faculty	Feedback/Concern	Action Taken
1	Mechanical Vibration	Dr. Amit Patil	More numerical to be solved on balancing of rotating masses.	Shown animated videos to students: https://www.youtube.com/watch?v=7nJ0mnHXfxw
2	Vehicle Body Engineering & Safety	Prof. Chetan Thakur	Students are satisfied with the course content	Students are encouraged to learn more: https://www.youtube.com/watch?v=924_ZQMqh10
3	Automotive System Design	Prof. Supriya P Khapre	Students need knowledge on power train and its type	Shown animated videos to students: https://www.youtube.com/watch?v=T6xrJv9SRLI
4	Automation & Artificial Intelligence	Dr. Vivek Yakkundi	Insisted for more examples on sequencing circuits and PLC	NPTel link is shared with student: https://www.youtube.com/watch?v=UQ16Cous_tY

5	Press tool Design	Prof. Quazi T.Z.	Detailed information about method of reducing cutting forces needed	Notes shared and NPTEL link is provided to students: https://www.youtube.com/watch?v=rx2WEngdGMc https://d2t1xqeiof9utc.cloudfront.net/files/43306/03%20CUTTING%20F0RCE.pdf?1409934366
6	Tool DESIGN	Prof. P.D.Ingle	Students requested extra notes on topic design of single point cutting tools	Notes were given on the topic https://www.nitc.ac.in/dept/me/jagadeesha/TOOL_DESIGN&ENGINEERING/CHAPTER2.pdf


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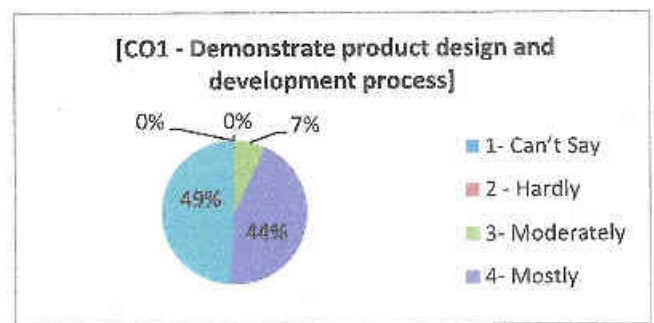

Principal

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

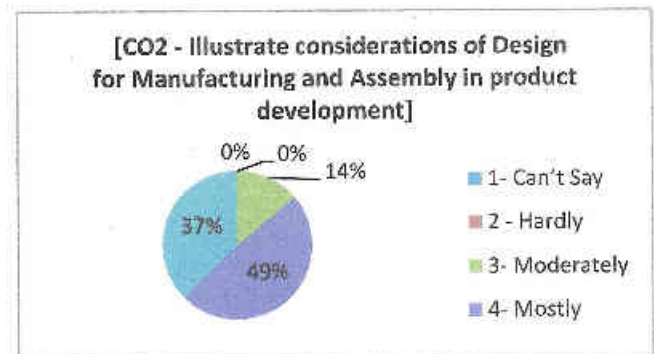


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VIII)
Subject: PRODUCT DESIGN AND DEVELOPMENT (AEDLO8043)
In-charge: Prof. T.Z. Quazi

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	6.976744186
4- Mostly	19	44.18604651
5- Definitely	21	48.8372093
Total	43	100

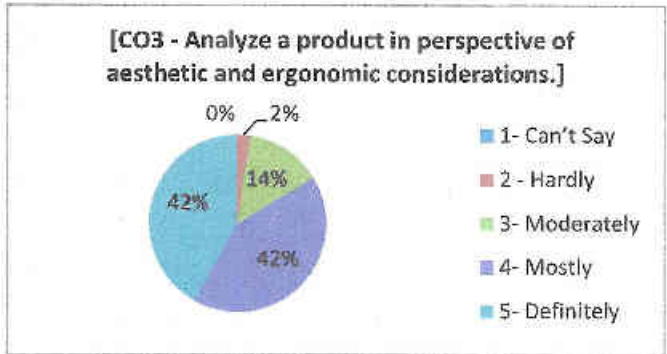


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	6	13.95348837
4- Mostly	21	48.8372093
5- Definitely	16	37.20930233
Total	43	100

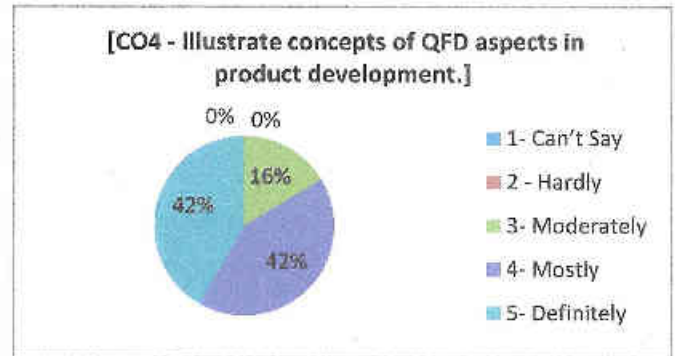




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2.325581395
3- Moderately	6	13.95348837
4- Mostly	18	41.86046512
5- Definitely	18	41.86046512
Total	43	100



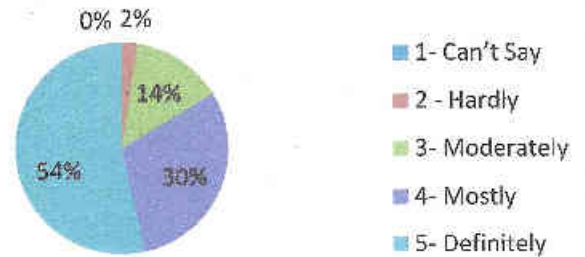
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	7	16.27906977
4- Mostly	18	41.86046512
5- Definitely	18	41.86046512
Total	43	100





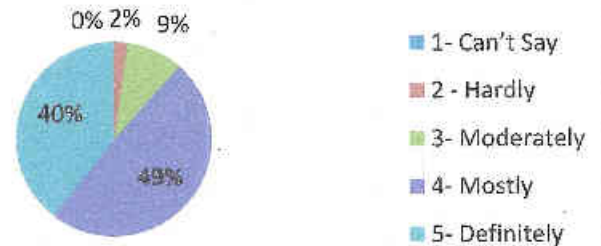
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2.325581395
3- Moderately	6	13.95348837
4- Mostly	13	30.23255814
5- Definitely	23	53.48837209
Total	43	100

[CO5 - Demonstrate applicability of value engineering in product optimization]



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2.325581395
3- Moderately	4	9.302325581
4- Mostly	21	48.8372093
5- Definitely	17	39.53488372
Total	43	100

[CO6 - Demonstrate legal and social issues pertaining to product development.]



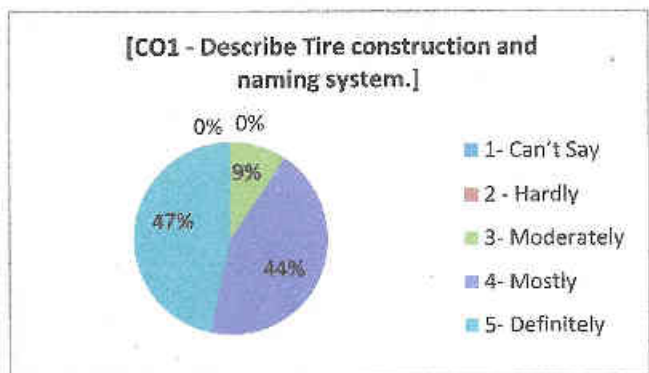
Prof. T.Z.QUAZI
(HOD)

Dr. Manjusha Deshmukh
(Principal)

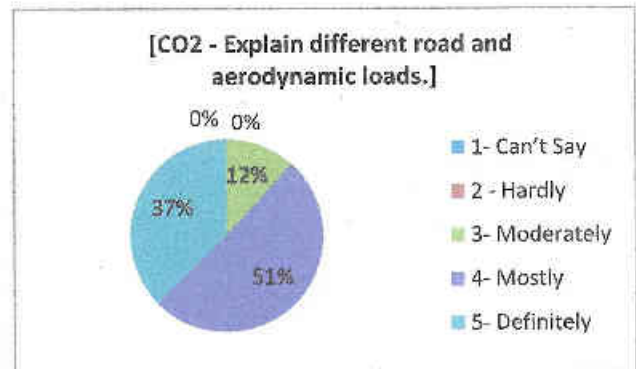


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VIII)
Subject: Vehicle Dynamics (AEC802)
In-charge: Dr. Vishnudas Chodankar

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	15	34.88372093
5- Definitely	28	65.11627907
Total	43	100

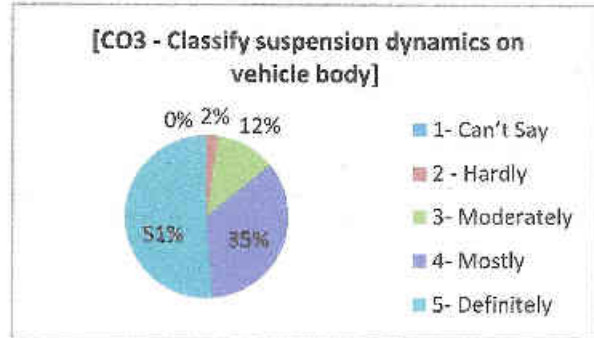


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	20	46.51162791
5- Definitely	23	53.48837209
Total	43	100

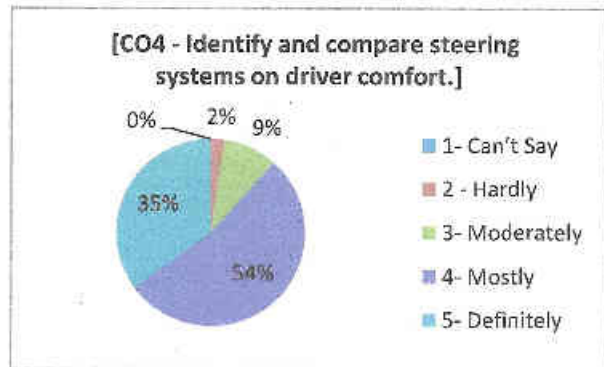




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	18	41.86046512
5- Definitely	24	55.81395349
Total	43	100

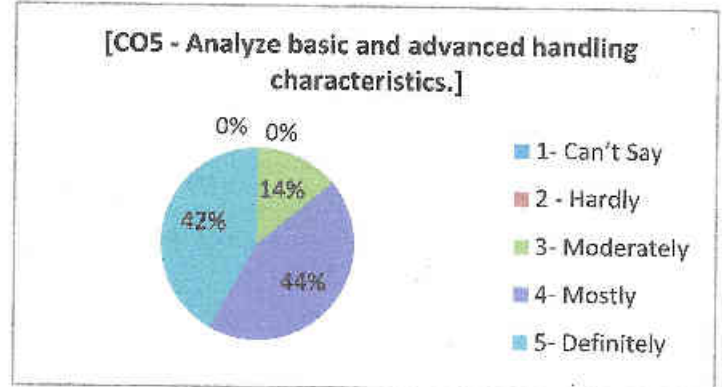


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	17	39.53488372
5- Definitely	25	58.13953488
Total	43	100

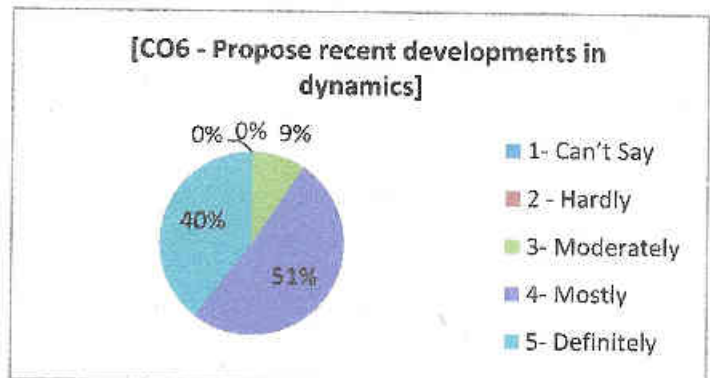




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	16	37.20930233
5- Definitely	26	60.46511628
Total	42	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	15	34.88372093
5- Definitely	27	62.79069767
Total	43	100



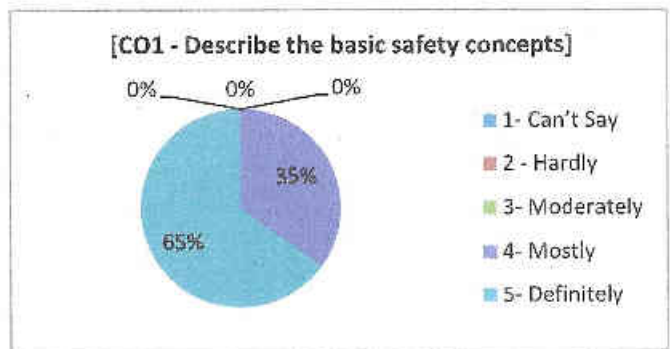

Prof. T.Z.QUAZI
(HOD)


Dr. Manjusha Deshmukh
(Principal)

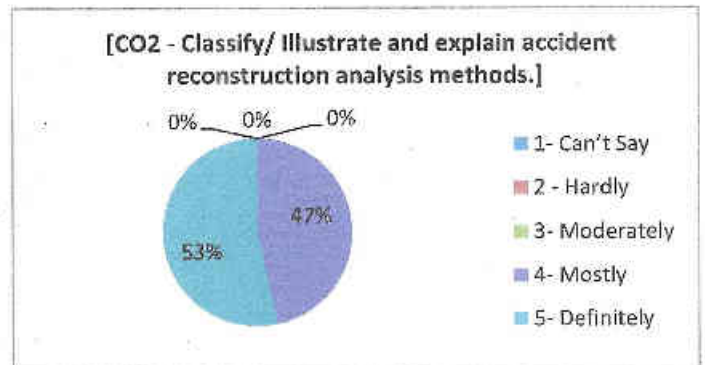


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VIII)
Subject: Vehicle Safety (AEC803)
In-charge: Prof. Amit Patil

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	15	34.88372093
5- Definitely	28	65.11627907
Total	43	100

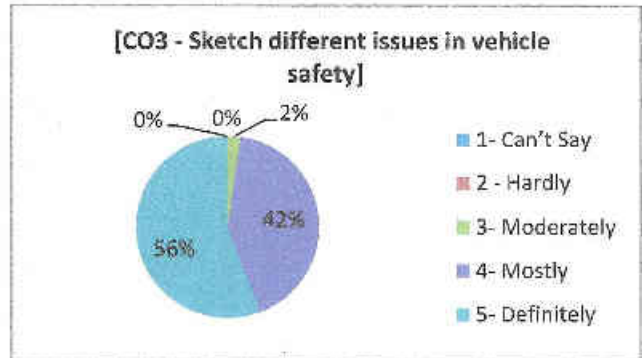


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	20	46.51162791
5- Definitely	23	53.48837209
Total	43	100

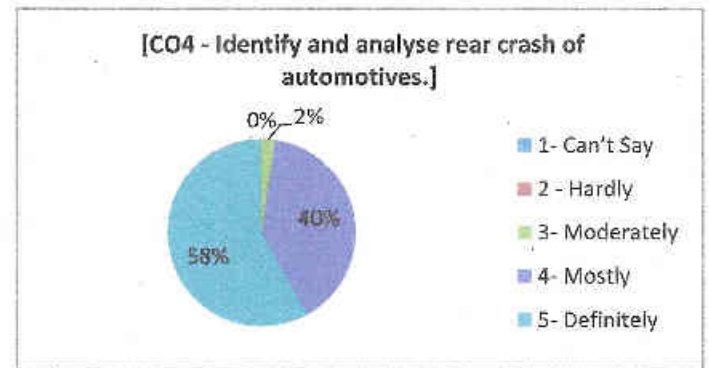




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	18	41.86046512
5- Definitely	24	55.81395349
Total	43	100

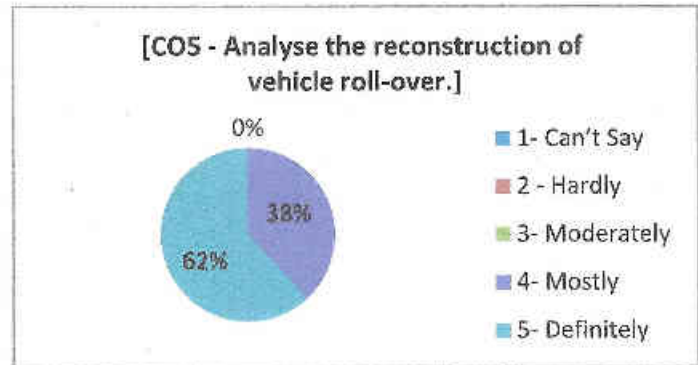


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	17	39.53488372
5- Definitely	25	58.13953488
Total	43	100

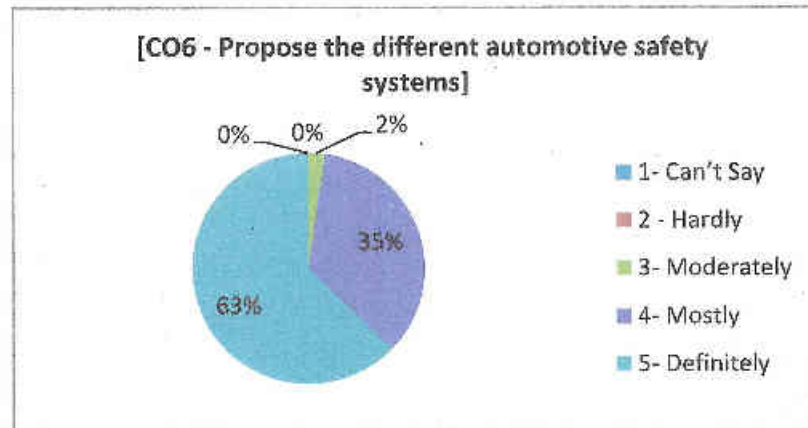




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	0	0
4- Mostly	16	37.20930233
5- Definitely	26	60.46511628
Total	42	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	15	34.88372093
5- Definitely	27	62.79069767
Total	43	100



Prof. T.Z.QUAZI
(HOD)

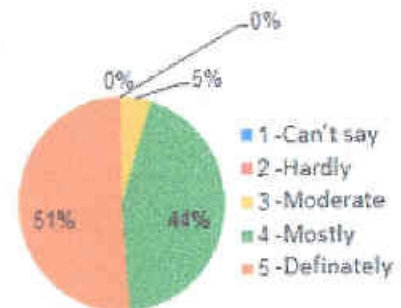
Dr. Manjusha Deshmukh
(Principal)



Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (Sem VIII)
Subject: PROJECT MANAGEMENT (ILO 8021)
In-charge: Prof. Suman Sharma

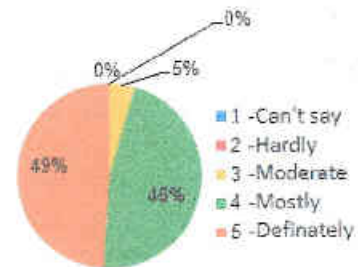
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	4.651162791
4- Mostly	19	44.18604651
5- Definitely	22	51.1627907
Total	43	100

[CO1 - Apply selection criteria and select an appropriate project from different options.]



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	4.651162791
4- Mostly	20	46.51162791
5- Definitely	21	48.8372093
Total	43	100

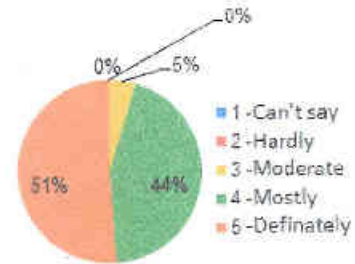
[CO2 - Write work break down structure for a project and develop a schedule based on it.]





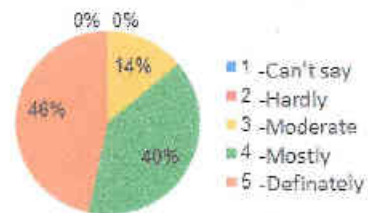
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	4.651162791
4- Mostly	19	44.18604651
5- Definitely	22	51.1627907
Total	43	100

[CO3 - Identify opportunities and threats to the project and decide an approach to deal with them strategically.]



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	6	13.95348837
4- Mostly	17	39.53488372
5- Definitely	20	46.51162791
Total	43	100

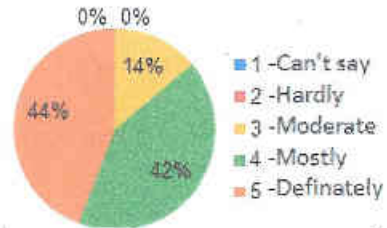
[CO4 - Use Earned value technique and determine & predict status of the project.]





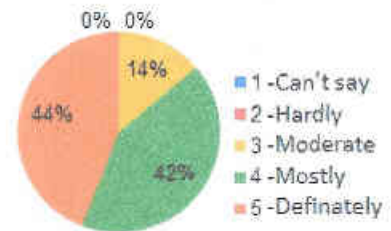
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	6	13.95348837
4- Mostly	18	41.86046512
5- Definitely	19	44.18604651
Total	42	100

[CO5 - Capture lessons learned during project phases and document them for future reference.]



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	6	13.95348837
4- Mostly	18	41.86046512
5- Definitely	19	44.18604651
Total	43	100

[CO6 - Apply professional leadership skill and ethical codes of conduct to projects and be able to close the project with respect to the customer and organizational requirement.]



Prof. T.Z.QUAZI
(HOD)

Dr. Manjusha Deshmukh
(Principal)



Department of Automobile Engineering

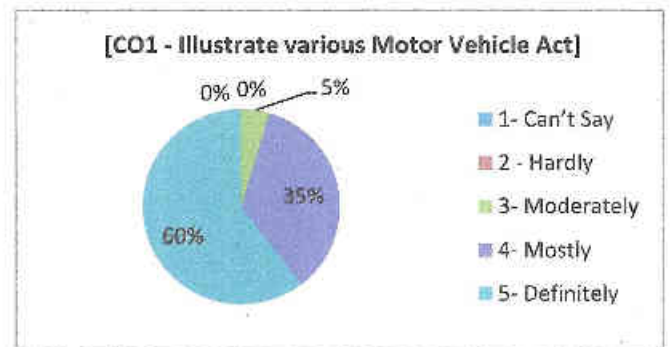
Academic Year: 2021-2022 (EVEN SEM)

Course Exit Analysis Report (Sem VIII)

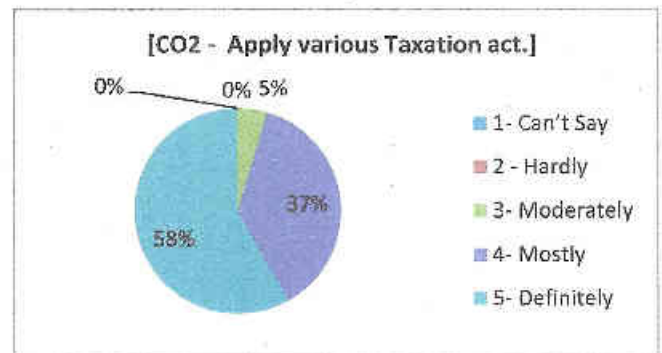
Subject.: TRANSPORT MANAGEMENT AND MOTOR INDUSTRY (ADELO 8044)

Subject In-charge: Prof. P . D . Ingle

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	4.651162791
4- Mostly	15	34.88372093
5- Definitely	26	60.46511628
Total	43	100

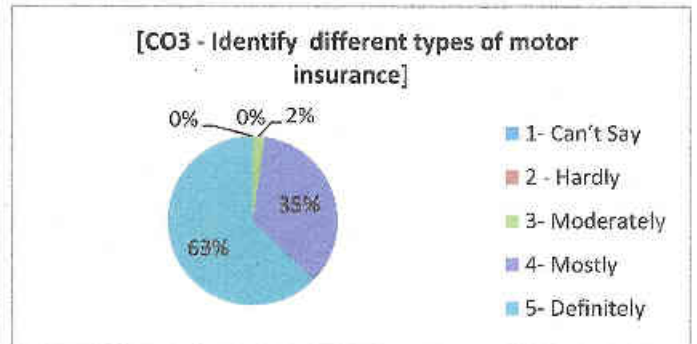


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	4.651162791
4- Mostly	16	37.20930233
5- Definitely	25	58.13953488
Total	43	100

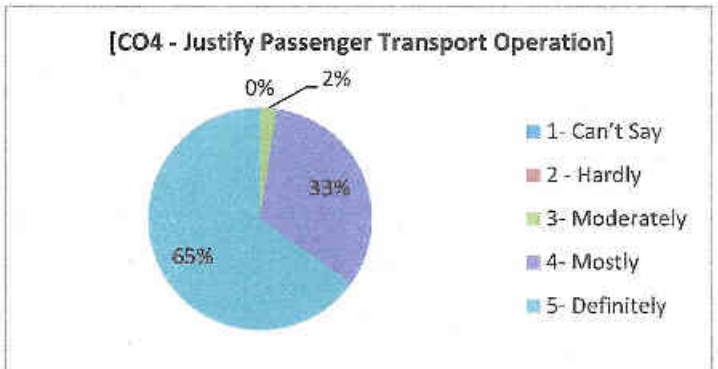




Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	15	34.88372093
5- Definitely	27	62.79069767
Total	43	100

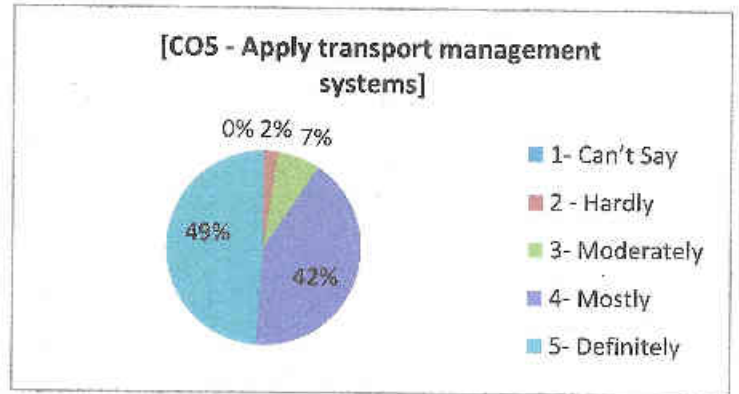


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	14	32.55813953
5- Definitely	28	65.11627907
Total	43	100

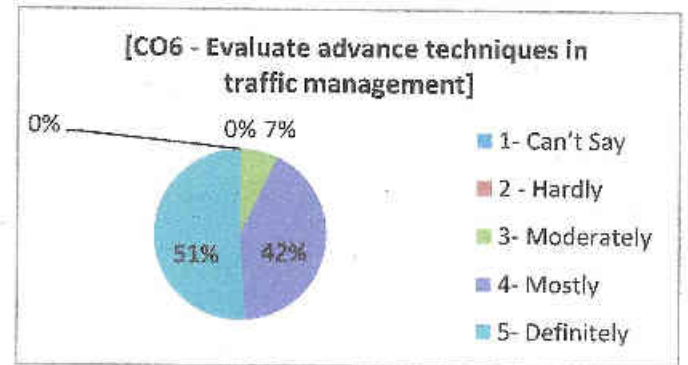





Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	2.325581395
3- Moderately	3	6.976744186
4- Mostly	18	41.86046512
5- Definitely	21	48.8372093
Total	43	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	6.976744186
4- Mostly	18	41.86046512
5- Definitely	22	51.1627907
Total	43	100



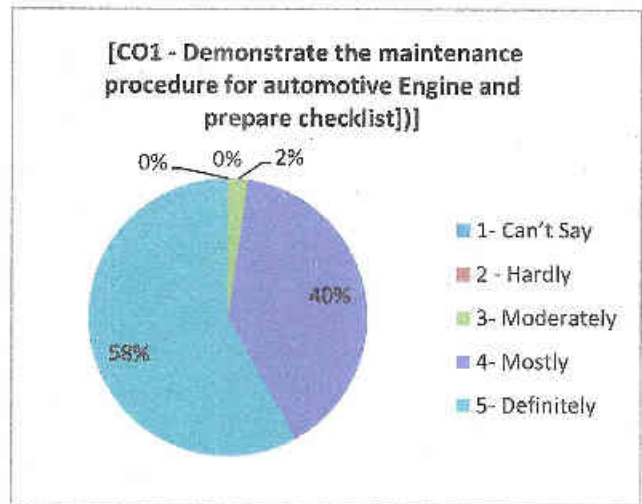

Prof. T.Z.QUAZI
(HOD)


Dr. Manjusha Deshmukh
(Principal)

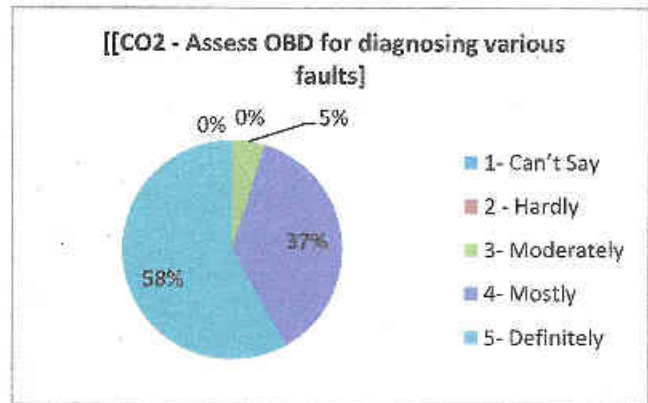


Department of Automobile Engineering
Academic Year: 2021-2022 (EVEN SEM)
Course Exit Analysis Report (SEM VIII)
Subject: VEHICLE MAINTAINANCE (AEC801)
In-charge: Prof. Chetan Thakur

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	17	39.53488372
5- Definitely	25	58.13953488
Total	43	100



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	4.651162791
4- Mostly	16	37.20930233
5- Definitely	25	58.13953488
Total	43	100



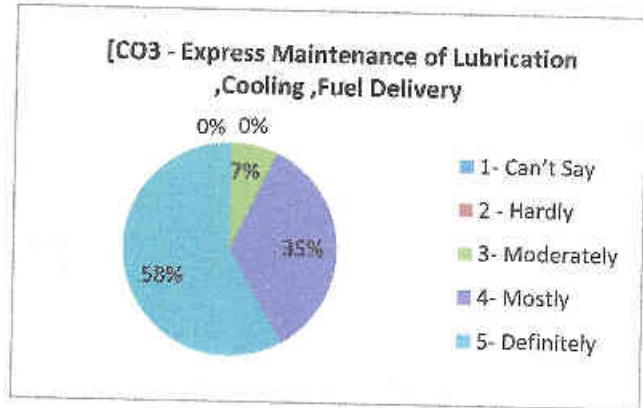


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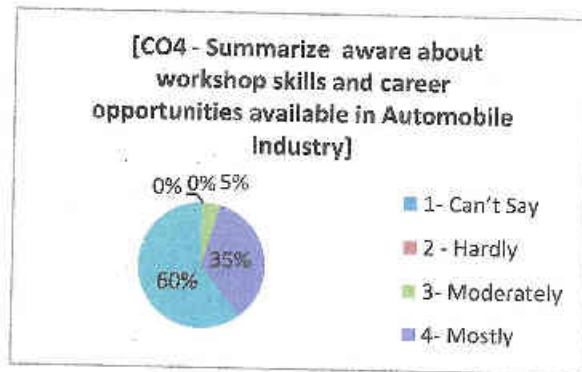
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Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	3	6.976744186
4- Mostly	15	34.88372093
5- Definitely	25	58.13953488
Total	43	100



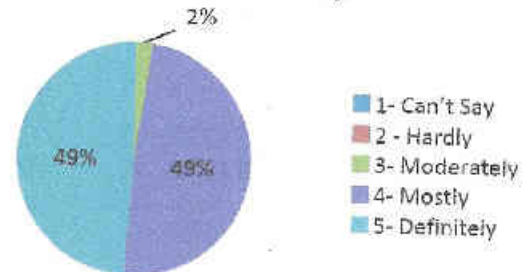
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	2	4.651162791
4- Mostly	15	34.88372093
5- Definitely	26	60.46511628
Total	43	100





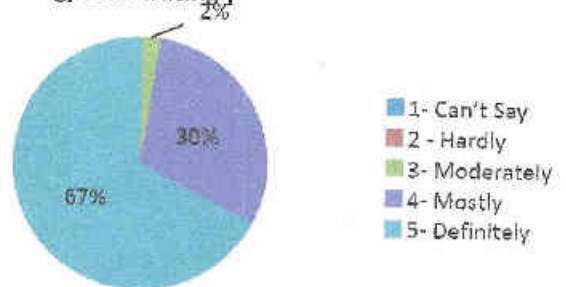
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	21	48.8372093
5- Definitely	21	48.8372093
Total	43	100

[CO5 - Classify the Maintenance of Heating and air conditioning]

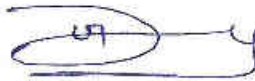


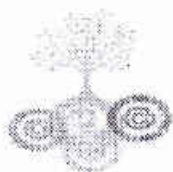
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	2.325581395
4- Mostly	13	30.23255814
5- Definitely	29	67.44186047
Total	43	100

[CO6 - Discuss acquaint with various Trouble shooting, fault tracing]




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 (HOD)


Dr. Manjusha Deshmukh
 (Principal)



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Action Taken Report on Student's Feedback

Department: Automobile Engineering

Academic Year- 2021-2022

SEM: SEM VIII

YEAR: BE

SR NO	Subject	Faculty	Feedback/Concern	Action Taken
1	Project Management	Prof. Suman Sharma	Most of the students were satisfied with the content needed a explanation again on Project Management Fundamentals	Notes shared with the students and PPT Shown to them: https://www.slideshare.net/pm4dev/cfakepathcourse-fpm-092709
2	Vehicle Maintenance	Prof. Chetan Thakur	Require more knowledge on Maintenance of Heating and Air Conditioning System	Notes shared with students and Video shown to them: https://www.youtube.com/watch?v=fGYOUNVNKDs
3	Vehicle Dynamics	Dr. Vishnudas Chodankar	More informative notes about recent trends in vehicle dynamics	Informative notes for the required topic were provided to students: https://www.slideshare.net/shambhoo416/recent-trends-in-automobile-engg-ppt
4	Vehicle Safety	Prof. Amit Patil	Need practical knowledge	Animated video link shared with students: https://www.youtube.com/watch?v=3l6ZzEauThw

5	Transport Management and Motor Industry	Prof. P.D.Ingle	Students need extra information on Maharashtra vehicle tax	Notes shared with them: https://transport.maharashtra.gov.in/Site/Upload/GR/The%20Maharashtra%20Motor%20Vehicles%20Tax%20Act.pdf
6	Product Design and Development	Prof. Quazi T.Z.	Students were satisfied with content needs again session on concurrent engineering	PPT shown to them and notes shared with them: http://www.me.nchu.edu.tw/lab/CIM/www/courses/Computer%20Integrated%20Manufacturing/Chapter3%20-Concurrent%20Engineering.pdf


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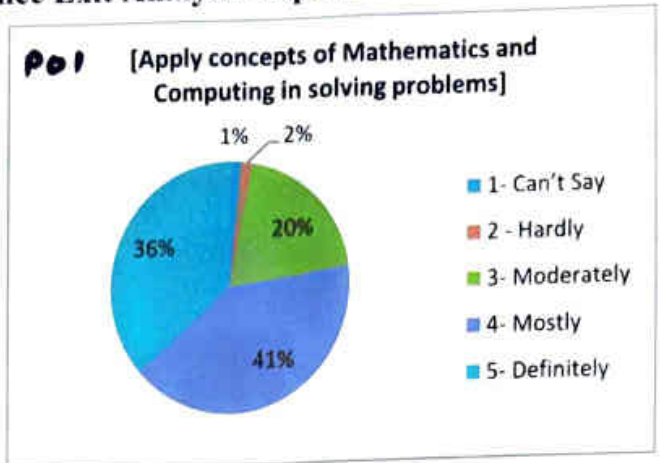

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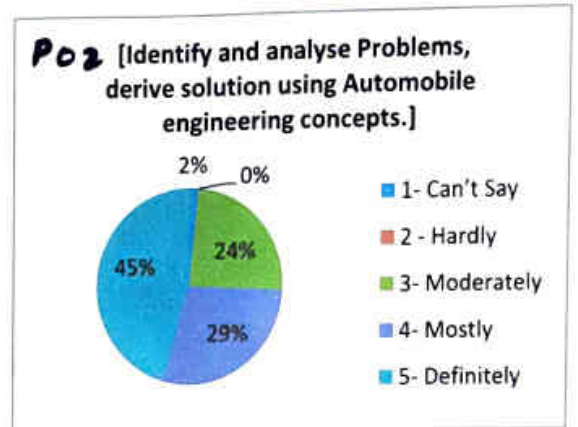


Department of Automobile Engineering
Academic Year: 2021-2022
Programme Exit Analysis Report

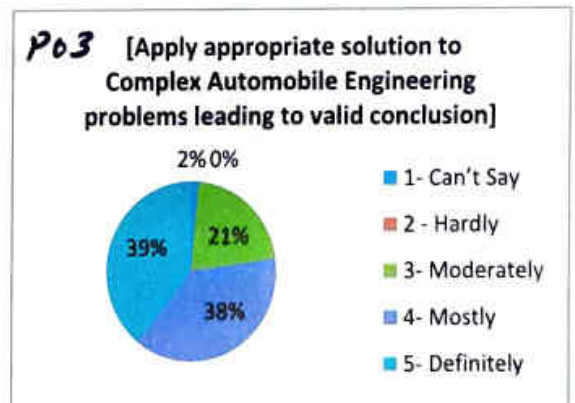
Score	No. of Students	Percentage (%)
1- Can't Say	1	1.515
2 - Hardly	1	1.515
3- Moderately	13	19.69
4- Mostly	27	40.9
5- Definitely	24	36.36
Total	66	100



Score	No. of Students	Percentage (%)
1- Can't Say	1	1.51
2 - Hardly	0	0
3- Moderately	16	24.24
4- Mostly	19	28.78
5- Definitely	30	45.4
Total	66	100



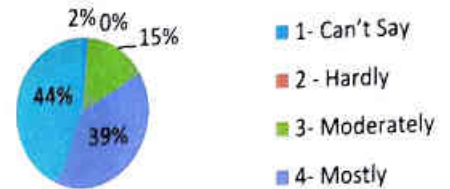
Score	No. of Students	Percentage (%)
1- Can't Say	1	1.51
2 - Hardly	0	0
3- Moderately	14	21.21
4- Mostly	25	37.87
5- Definitely	26	39.39
Total	66	100





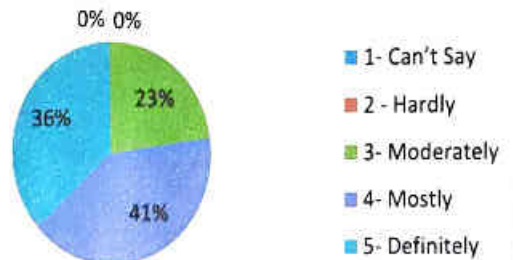
Score	No. of Students	Percentage (%)
1- Can't Say	1	1.515
2 - Hardly	0	0
3- Moderately	10	15.15
4- Mostly	26	39.39
5- Definitely	29	43.9
Total	66	100

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



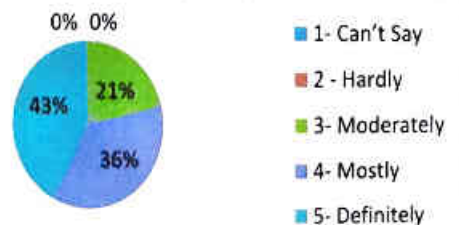
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	15	22.72
4- Mostly	27	40.9
5- Definitely	24	36.36
Total	66	100

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



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	14	21.21
4- Mostly	24	36.36
5- Definitely	28	42.42
Total	66	100

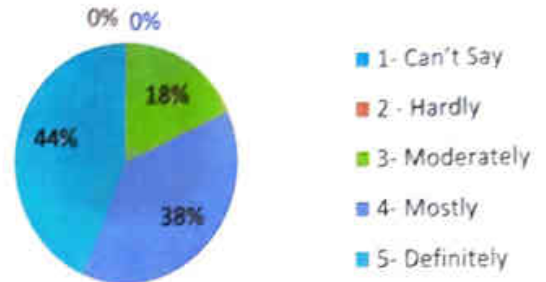
PO6 [Understand the Impact of Automobile Engineering solution on society and environment for Sustainable development]





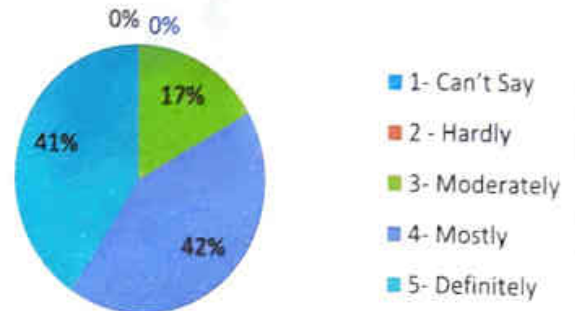
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	12	18.18
4- Mostly	25	37.87
5- Definitely	29	43.9
Total	66	100

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



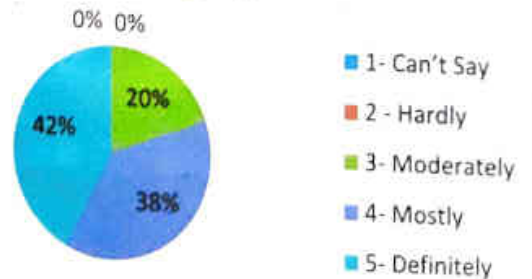
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	11	16.66
4- Mostly	28	42.42
5- Definitely	27	40.909
Total	66	100

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



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	13	19.69
4- Mostly	25	37.878
5- Definitely	28	42.42
Total	66	100

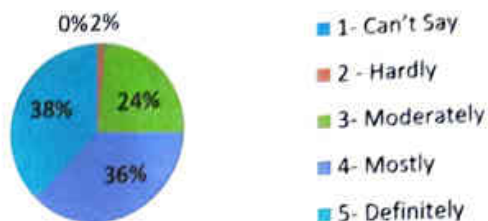
PO9 [Work Effectively as a member and leader in multidisciplinary team for a common goal.]





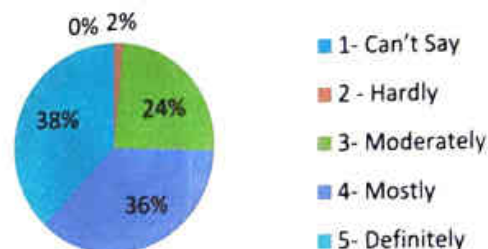
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	1.515
3- Moderately	16	24.24
4- Mostly	24	36.36
5- Definitely	25	37.87
Total	66	100

P010 [Communicate effectively within profession and society at large.]



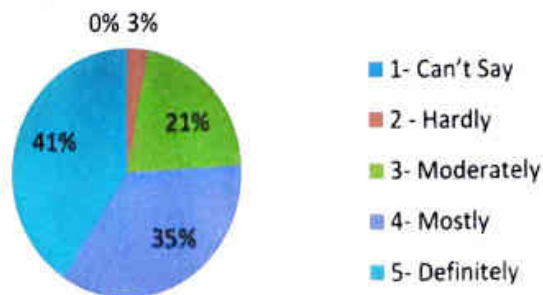
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	1	1.515
3- Moderately	16	24.24
4- Mostly	24	36.36
5- Definitely	25	37.8
Total	66	100

P011 [Apply principles of Management]



Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	3.03
3- Moderately	14	21.21
4- Mostly	23	34.84
5- Definitely	27	40.9
Total	66	100

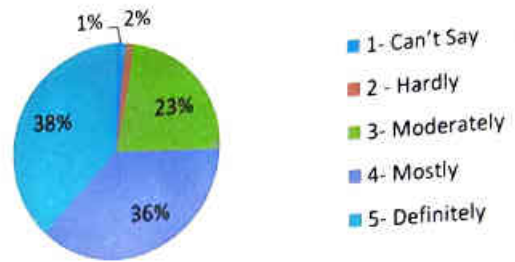
P012 [Usefulness of Mathematics, Professional core and electives in competitive exams & Higher studies.]





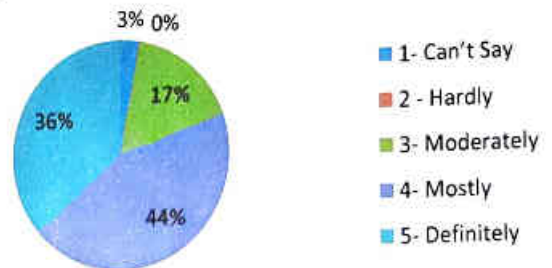
Score	No. of Students	Percentage (%)
1- Can't Say	1	1.515
2 - Hardly	1	1.515
3- Moderately	15	22.72
4- Mostly	24	36.36
5- Definitely	25	37.87
Total	66	100

Pj01 [Are you able to Identify, Understand, Formulate, and analyze complex engineering problems in Automobile, design, thermal and manufacturing.]



Score	No. of Students	Percentage (%)
1- Can't Say	2	3.03
2 - Hardly	0	0
3- Moderately	11	16.66
4- Mostly	29	43.93
5- Definitely	24	36.36
Total	66	100

Pj02 [Are you able to Plan and execute efficient, sustainable, safe and cost-effective manufacturing of automobile components in ICE, AS, CBE through CAD/CAM/CAE tools ethically]




Prof. T.Z.QUAZI
 (HOD)


Dr. Manjusha Deshmukh
 (Principal)



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DEPARTMENT OF AUTOMOBILE ENGINEERING
Action taken based on feedback from students
Academic year 2021-2022

Summary of feedback received from students through program exit forms

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

1. Include site visits for most of the subjects
2. Software applications should be taught for most of the subjects
3. Expert seminars required from the experienced people in that area
4. Visualize some of the processes and mechanics using different visual aids
5. Transportation Engineering syllabus and Water resource engineering syllabus were vast.


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