



SARASWATI Education Society's
SARASWATI College of Engineering

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Kharghar, Navi Mumbai - 410 210.

2022

DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR : 2022-23 (ODD SEM)
ACTION TAKEN ON FEEDBACK FOR STUDENTS
CLASS – S.E.

Sr. No.	Program	Course	Feedback	Action taken with supporting document
1	Mech Engg.	EM III	Extra lectures were conducted on some topics	NPTEL Videos for some topics were provided https://www.youtube.com/watch?v=XU5hUrh6-18&list=PLEAYkSg4uSQ2_NCXudMUvjJlwdZdr1p0f&index=2
2	Mech Engg.	SOM	NPTEL videos to help students in better understanding	Topics were explained with help of videos https://www.youtube.com/watch?v=nNefzNjIifU
3	Mech Engg.	M&M	More practical training sessions are desired by the students	Teachers paid more attention to practical sessions and made their teaching more experiential.

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DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR : 2022-23 (ODD SEM)
ACTION TAKEN ON FEEDBACK FOR STUDENTS
CLASS - T.E.

Sr. No.	Program	Course	Feedback	Action taken with supporting document
1	Mech Engg.	OT	Extra lectures were conducted on some topics	Classes planned accordingly and note and PPTs provided in the google classroom. https://drive.google.com/drive/folders/1W8whHEGN3XRVUa6hzYsw2VRIS0fb6mDt?usp=share_link
2	Mech Engg.	DOM	More clarity on scope of topic	Case studies are shown with help of videos https://www.youtube.com/watch?v=p8B3OjlovnY
3	Mech Engg.	MMC	More practical training sessions are desired by the students	Teachers paid more attention to practical sessions and made their teaching more experiential.
4	Mech Engg.	TE	Students need to visual actual operations of IC engine	Videos are shown in class room to visualize IC engine https://www.youtube.com/watch?v=RM0A1kQuXI4

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DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR : 2022-23 (ODD SEM)

ACTION TAKEN ON FEEDBACK FOR STUDENTS

CLASS – B.E.

Sr. No.	Program	Course	Feedback	Action taken with supporting document
1	Mech Engg.	DMS	Videos to help them in better understanding	Videos on the topic https://www.youtube.com/watch?v=8Cnp-7rem-4
2	Mech Engg.	MD	More clarity on scope of topic	Case studies are shown with help of videos https://www.youtube.com/watch?v=p8B3OifoyvY
3	Mech Engg.	RES	For easy understanding, topics were explained with help of videos.	Topic was explained in details with help of https://www.youtube.com/watch?v=PPA2h-GnmqU&list=PLtcbU5SnE9UKdXkEYXPrRPFLnn9ByI3iE


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Action Taken Report on Student's Feedback

Department: Mechanical Engineering

Academic Year - 2022-23 (ODD)

Action taken report on Feedback received from the Students in Academic Year 2022-23.

SEM: SEM V

Year: TE

Sr. No.	Subject	Faculty	Feedback/concern	Action Taken
1	MMC	Prof. Radhika M.	Students required some topics on power point	Accordingly provided some topics on powerpoint and notes
2	TE	Dr. Madan J.	Students need to visual actual operations of IC engine	Videos are shown in class room to visualize IC engine Basic compone...
3	DOM	Prof. Amruta P.	Difficult to visualize actual working of Governor and Gyroscope	Videos are provided Governors Expe... Gyroscopic cou...
4	FEA	Prof. Paramjit T.	More practical example should be provided	Provided notes And Shown case study to students FEA_Theory.pdf FEM Case stud...
5	OT	Prof. M.B. Sorte	Required More number of classes for some topics and study material for some modules	Classes planned accordingly and note and PPTs provided in the google classroom. OT

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Action Taken Report on Student's Feedback

Department: Mechanical Engineering

Academic Year - 2022-23 (ODD)

Action taken report on Feedback received from the Students in Academic Year 2022-23.

SEM: SEM VII

Year: BE

Sr. No.	Subject	Faculty	Feedback/concern	Action Taken
1	DMS	Prof. D. Baviskar / Prof. Sreejith S.	Content provided in syllabus is vast but interesting and satisfies with all course objectives	As per the syllabus content, all contents were covered. However, this topic is explained through animation and working videos as well. ■ EOT Crane Do... ■ Belt Conveyor ...
2	LSCM	Prof. Mitali M./ Prof. Akshay K.	Syllabus was very vast found difficult to complete in given time, should include practical of SAP OR material handling software or warehouse software	Taken extra classes / given virtual training on sap application and its future scope.
3	RES	Prof. Sunil J./ Prof. Nilesh C.	More knowledge of Biogas should be given in detail.	PPT on Biogas Energy and its application shared with students. <u>RES</u>
4	MD	Prof. Narendra W./ Prof. Vikram P.	Students found difficulty in understanding balancing problems in turbine	Case study was shared with students for proper understanding <u>MD</u>
5	PLM	Prof. Pramod M./ Prof. Akshay K.	Should add more about virtual product model	PPT shared along with the case study ■ PLM MODULE...

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Department of Mechanical Engineering

Academic Year: 2022-23 (ODD SEM)

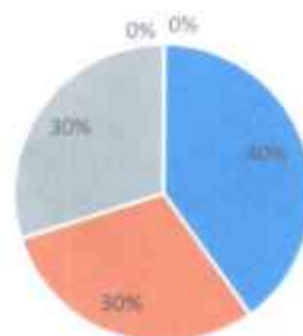
Course Exit Analysis Report (Sem III)

Subject: TD

Subject In-charge: Prof. PRAMOD MAURYA

Score	No. of Students	Percentage (%)
5- Definitely	4	40
4- Mostly	3	30
3- Moderately	3	30
2 - Hardly	0	0
1- Can't Say	0	0
Total	10	100

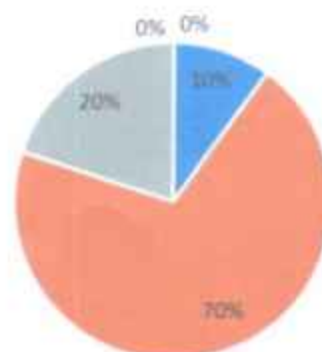
CO1: Are you able to Demonstrate application of the FIRST law of thermodynamics



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

Score	No. of Students	Percentage (%)
5- Definitely	1	10
4- Mostly	7	70
3- Moderately	2	20
2 - Hardly	0	0
1- Can't Say	0	0
Total	10	100

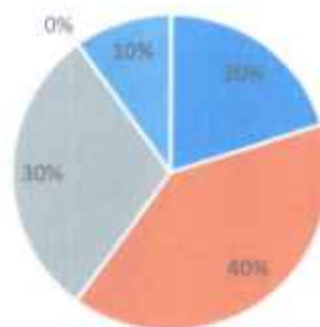
CO2: Are you able to Demonstrate application of the SECOND law of thermodynamics & ENROPY



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

Score	No. of Students	Percentage (%)
5- Definitely	2	20
4- Mostly	4	40
3- Moderately	3	30
2 - Hardly	0	0
1- Can't Say	1	10
Total	10	100

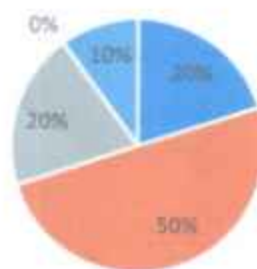
CO3: Are you able to understand Availability(EXERGY) & Thermodynamic Relations



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

Score	No. of Students	Percentage (%)
5- Definitely	2	20
4- Mostly	5	50
3- Moderately	2	20
2 - Hardly	0	0
1- Can't Say	1	10
Total	10	100

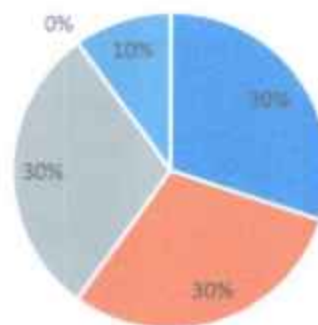
CO4: Are you able to Compute thermodynamic interactions using the steam table and Mollier chart & compute efficiency of vapor power (RANKINE) cycle



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

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

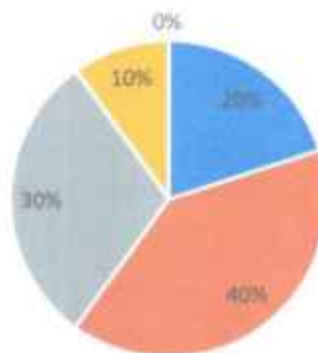
CO5: Are you able to Compute efficiencies of GAS power cycles(OTTO, DIESEL, DUEL)



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

Score	No. of Students	Percentage (%)
5- Definitely	2	20
4- Mostly	4	40
3- Moderately	3	30
2 - Hardly	1	10
1- Can't Say	0	0
Total	10	100

CO6: Are you able to Apply the fundamentals of compressible fluid flow to the relevant systems



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

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Department of Mechanical Engineering

Academic Year: 2022-2023(ODD SEM)

Course Exit Analysis Report (Sem III)

Subject: Production Process (PP)

Subject In-charge: Prof. Mugdha Dongre

	No. of Students	Percentage
1- Can't Say	1	11
2- Hardly	0	0
3- Moderately	0	0
4- Mostly	3	33
5- Definitely	5	56
TOTAL	9	100

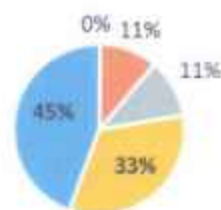
CO1-Are you able to understand Casting Process?



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

	No. of Students	Percentage
1- Can't Say	0	0
2- Hardly	1	11
3- Moderately	1	11
4- Mostly	3	33
5- Definitely	4	45
TOTAL	9	100

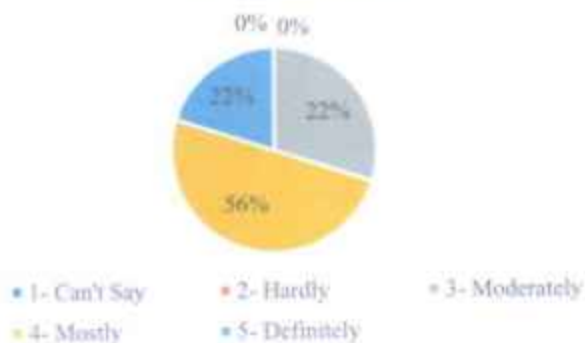
CO2- Are you able to understand Joining Processes such as welding, adhesive bonding, mechanical fasteners etc?



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

	No. of Students	Percentage
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	2	22
4- Mostly	5	56
5- Definitely	2	22
TOTAL	9	100

CO3- Are you able to understand different forming and sheet metal working processes?



	No. of Students	Percentage
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	1	11
4- Mostly	7	78
5- Definitely	1	11
TOTAL	9	100

CO4- Are you able to understand different machine tools and machining processes along with Gear manufacturing and Tool Engineering?



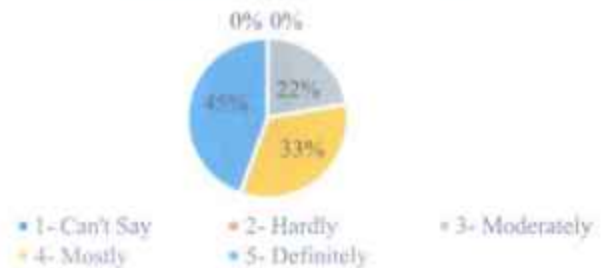
	No. of Students	Percentage
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	2	22
4- Mostly	3	33
5- Definitely	4	45
TOTAL	9	100

CO5 - Are you able to understand different non traditional machining operations?



	No. of Students	Percentage
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	2	22
4- Mostly	3	33
5- Definitely	4	45
TOTAL	9	100

CO6- Are you able to understand Polymer processing, along with powder metallurgy and also, Intelligent manufacturing?



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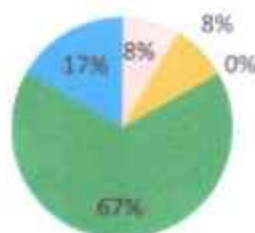
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Department of Mechanical Engineering
Course Exit Analysis Report (ODD SEM)
Academic Year: - 2022-2023 Semester: -III
Subject: - Materials and Metallurgy
Subject In charge: -Prof. Megha Korde

Score	No. of Students	Percentage
1-Can't Say	1	8%
2-Hardly	1	8%
3-Moderate	0	0%
4-Mostly	8	67%
5-Definitely	2	17%
Total	12	100%

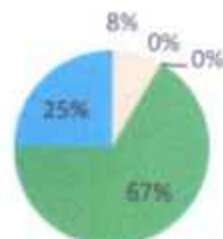
CO1. Can you identify the various Heat treatment processes?



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

Score	No. of Students	Percentage
1-Can't Say	1	8%
2-Hardly	0	0%
3-Moderate	0	0%
4-Mostly	8	67%
5-Definitely	3	25%
Total	12	100%

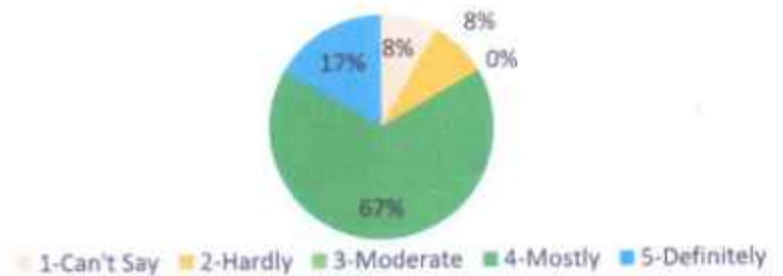
CO2. Are you able to Analyse particular heat treatment for required property development.



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

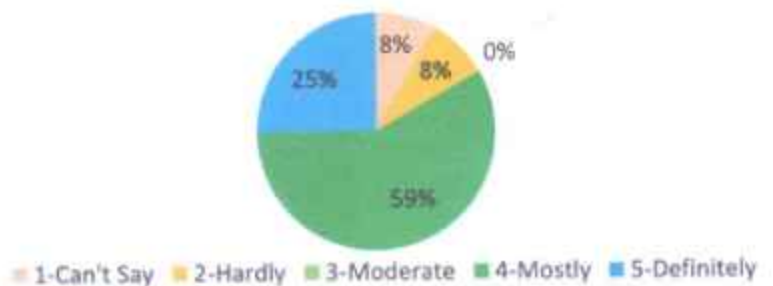
Score	No. of Students	Percentage
1-Can't Say	1	8%
2-Hardly	1	8%
3-Moderate	0	0%
4-Mostly	8	67%
5-Definitely	2	17%
Total	12	100%

CO3. Are you familiarize the structure property correlation in materials



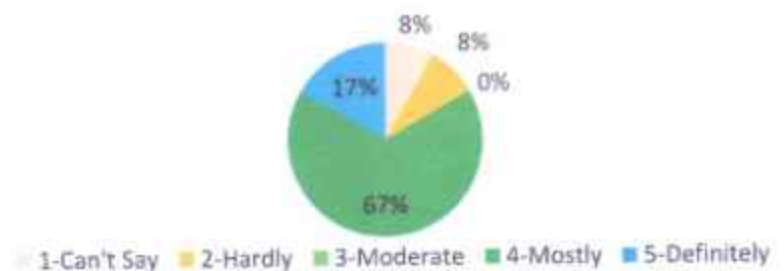
Score	No. of Students	Percentage
1-Can't Say	1	8%
2-Hardly	1	8%
3-Moderate	0	0%
4-Mostly	7	58%
5-Definitely	3	25%
Total	12	100%

CO4. Are you able to classify and select or develop new material for better performance.



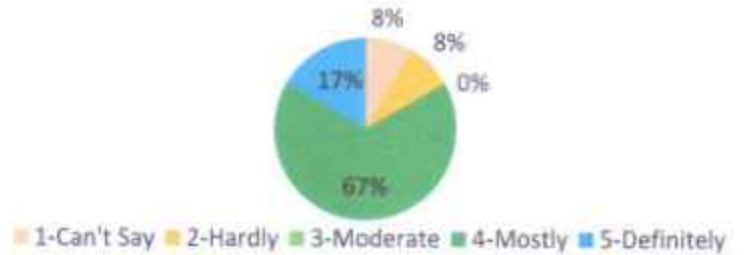
Score	No. of Students	Percentage
1-Can't Say	1	8%
2-Hardly	1	8%
3-Moderate	0	0%
4-Mostly	8	67%
5-Definitely	2	17%
Total	12	100%

CO5. Are you able to differentiate Engg. Polymers/composites/NDT materials and Nano materials?



Score	No. of Students	Percentage
1-Can't Say	1	8%
2-Hardly	1	8%
3-Moderate	0	0%
4-Mostly	8	67%
5-Definitely	2	17%
Total	12	100%

CO6. Have you understood concept of NDT AND Nano materials?




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Department of Mechanical Engineering

Course Exit Analysis Report (ODD SEM)

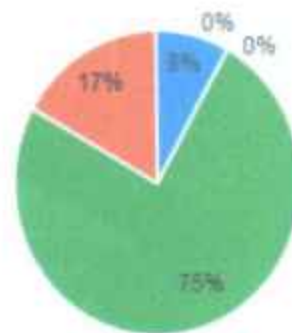
Academic Year: - 2022-2023 Semester: -III

Subject: - Strength of Materials

Subject In charge: -Prof. Pramod Deshmukh

	No of Students	Percentage
1-Can't Say	1	8%
2-Hardly	0	0%
3- Moderate	0	0%
4-Mostly	9	75%
5- Definitely	2	17%
Total	12	100%

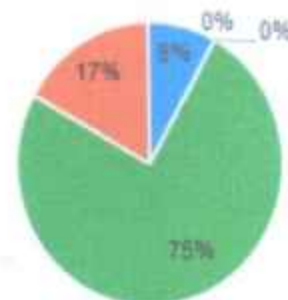
CO1:-Are you able to Analyse the Direct Tensile And Compressive stresses , Temperature Stresses?



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

	No of Students	Percentage
1-Can't Say	1	8%
2-Hardly	0	0%
3- Moderate	0	0%
4-Mostly	9	75%
5- Definitely	2	17%
Total	12	100%

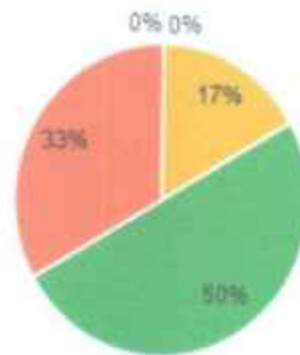
CO2:-Are you able to Analyse the Shear Force and Bending Moment on different type beams and also are u able to draw the Required SFD , BMD and AFD?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderate	2	17%
4-Mostly	6	50%
5-Definitely	4	33%
Total	12	100%

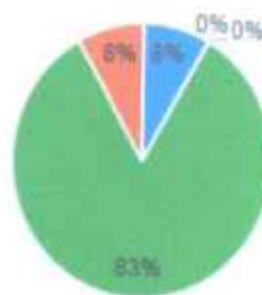
CO3:-Are you able to Find the Bending stresses and Shearing Stress on the different type of Cross Section of the beams?



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

	No of Students	Percentage
1-Can't Say	1	8%
2-Hardly	0	0%
3-Moderate	0	0%
4-Mostly	10	83%
5-Definitely	1	8%
Total	12	100%

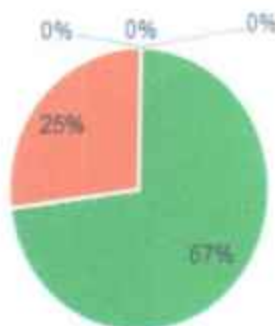
CO4:-Are you able to Analyse the Torsion in Circular shaft and also the Strain Energy in different types of Loading conditions?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderate	1	0%
4-Mostly	8	67%
5-Definitely	3	25%
Total	12	100%

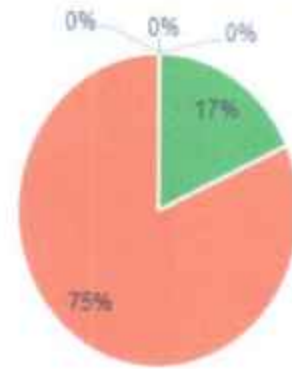
CO5:-Are you able to Analyze Hoop's Stress, Longitudinal Stress, Maximum shear Stress and corresponding deformations in the thin cylindrical Shells?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderate	1	0%
4-Mostly	2	17%
5- Definitely	9	75%
Total	12	100%

CO6:-Are you able to analyse the crippling load on the Long Columns with different end conditions?



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

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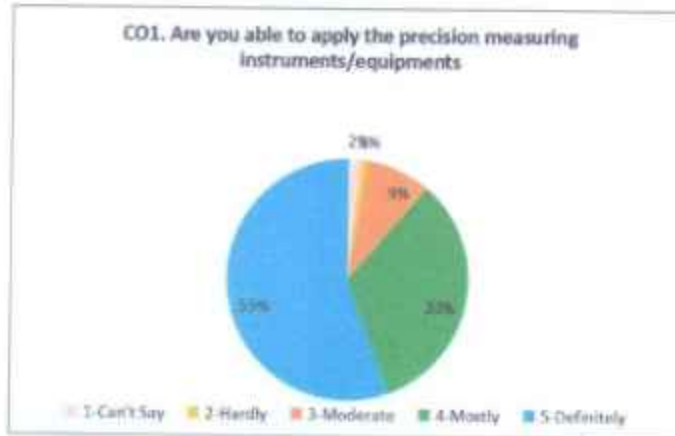


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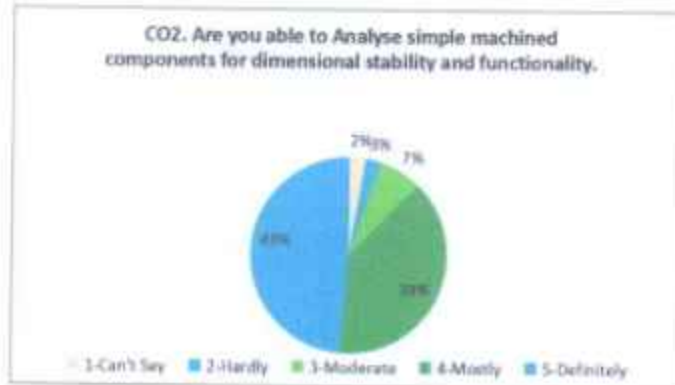
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Department of Mechanical Engineering
 Academic Year 2022-23(ODD SEM)
 Course Exit Analysis Report (Sem V)
 Subject -MMC
 Subject Incharge - Prof. Radhika Mankar

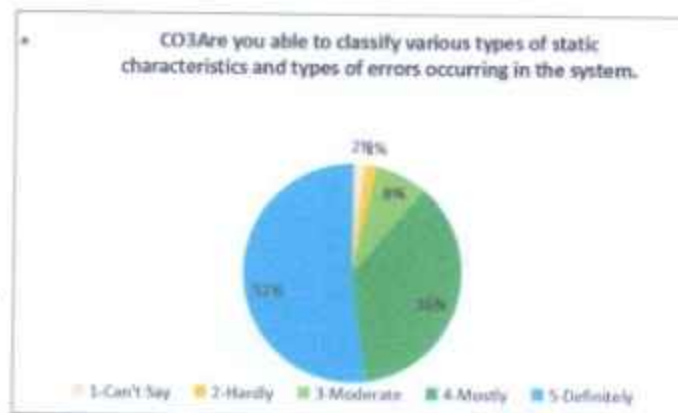
Score	No. of Students	Percentage
1-Can't Say	2	2%
2-Hardly	1	1%
3-Moderate	10	9%
4-Mostly	38	33%
5-Definitely	64	56%
Total	115	100%



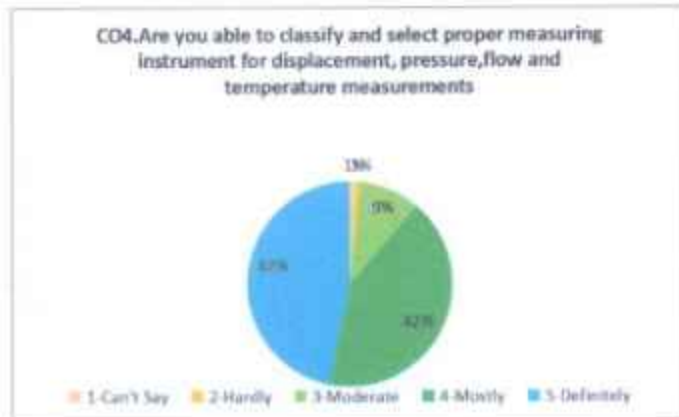
Score	No. of Students	Percentage
1-Can't Say	3	3%
2-Hardly	3	3%
3-Moderate	8	7%
4-Mostly	45	39%
5-Definitely	56	49%
Total	115	100%



Score	No. of Students	Percentage
1-Can't Say	2	2%
2-Hardly	2	2%
3-Moderate	9	8%
4-Mostly	42	37%
5-Definitely	60	52%
Total	115	100%



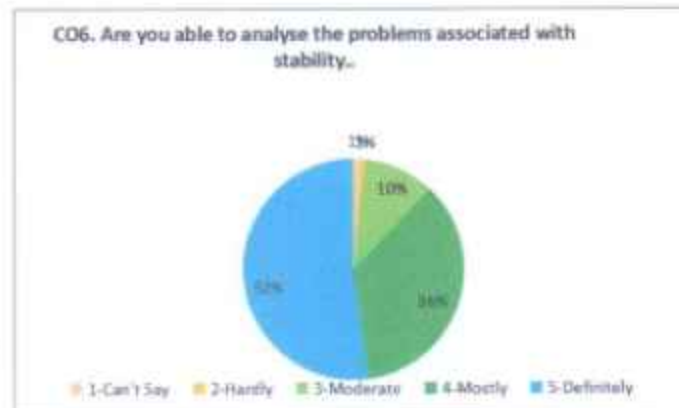
Score	No. of Students	Percentage
1-Can't Say	1	1%
2-Hardly	1	1%
3-Moderate	11	10%
4-Mostly	48	42%
5-Definitely	54	47%
Total	115	100%



Score	No. of Students	Percentage
1-Can't Say	2	2%
2-Hardly	0	0%
3-Moderate	14	12%
4-Mostly	44	38%
5-Definitely	55	48%
Total	115	100%



Score	No. of Students	Percentage
1-Can't Say	1	1%
2-Hardly	1	1%
3-Moderate	12	10%
4-Mostly	41	36%
5-Definitely	60	52%
Total	115	100%




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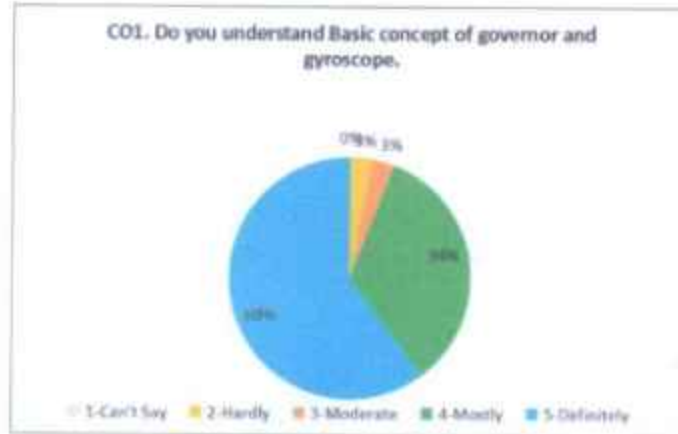
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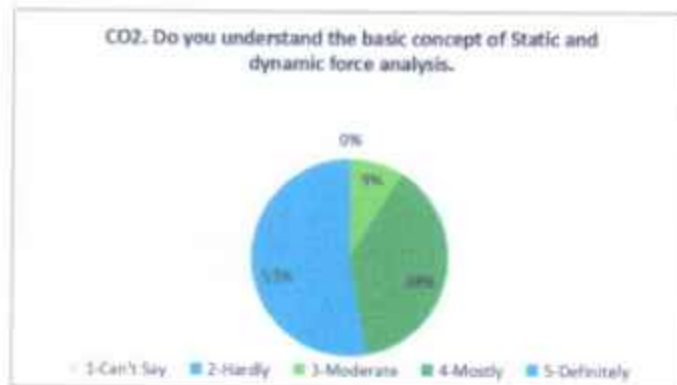
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Department of Mechanical Engineering
 Academic Year 2022-23(ODD SEM)
 Course Exit Analysis Report (Sem V)
 Subject -DOM
 Subject Incharge - Prof. Amruta Patil

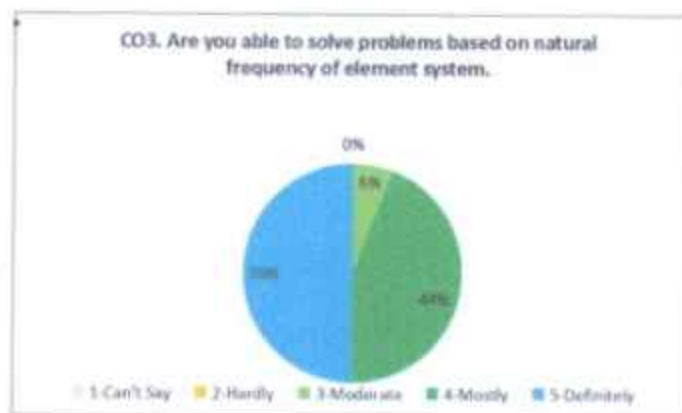
Score	No. of Students	Percentage
1-Can't Say	0	0%
2-Hardly	2	3%
3-Moderate	2	3%
4-Mostly	23	34%
5-Definitely	41	60%
Total	68	100%



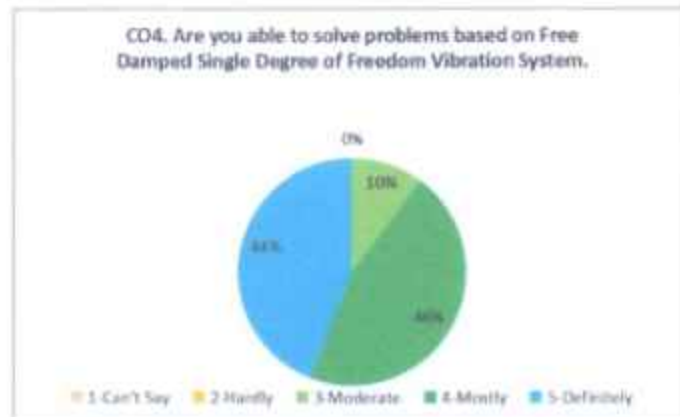
Score	No. of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderate	6	9%
4-Mostly	26	38%
5-Definitely	36	53%
Total	68	100%



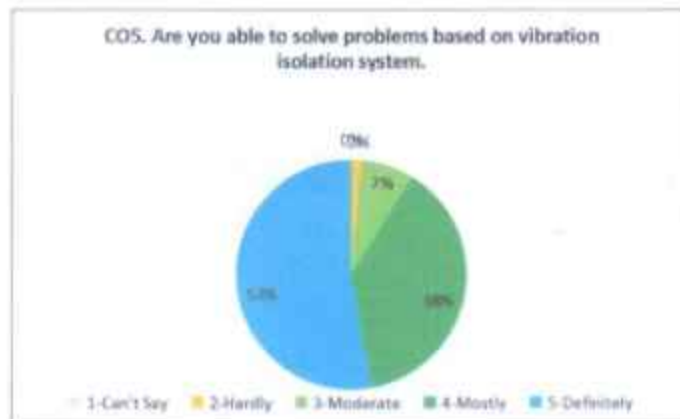
Score	No. of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderate	4	6%
4-Mostly	30	44%
5-Definitely	34	50%
Total	68	100%



Score	No. of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderate	7	10%
4-Mostly	31	46%
5-Definitely	30	44%
Total	68	100%



Score	No. of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	1%
3-Moderate	5	7%
4-Mostly	26	38%
5-Definitely	36	53%
Total	68	100%



Score	No. of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderate	4	6%
4-Mostly	31	46%
5-Definitely	33	49%
Total	68	100%



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Academic Year: 2022-2023 (ODD SEM)

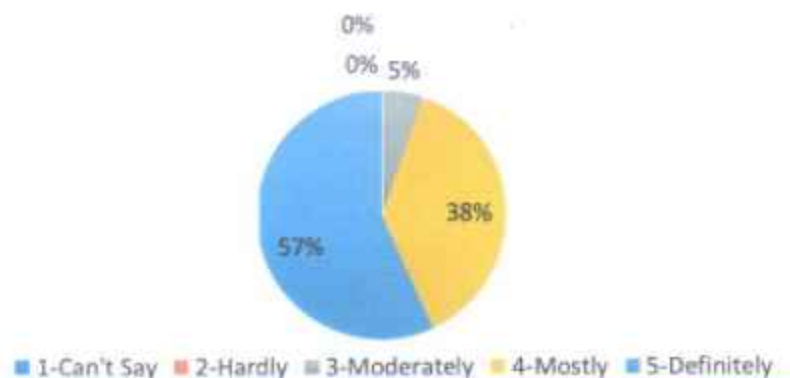
Course Exit Analysis Report (SEM V)

Subject: Thermal Engineering

Subject In-charge: Dr. Madan Jagtap

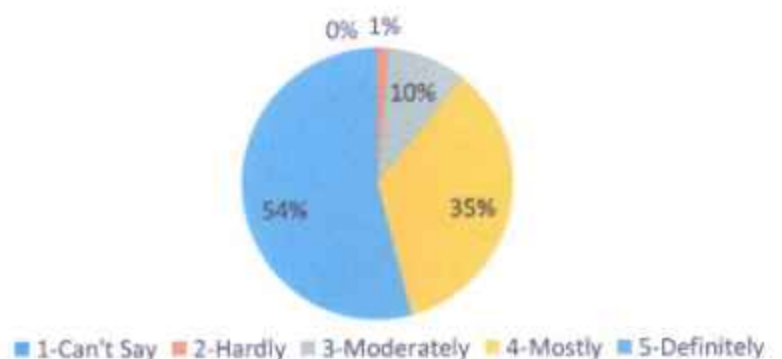
Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	0	0%
3-Moderately	4	5.4
4-Mostly	28	37.8
5-Definitely	42	56.8
TOTAL	74	100

CO1 Are you able to analyze three modes of heat transfer in engineering application?



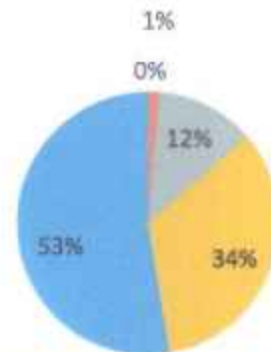
Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	1.4
3-Moderately	7	9.5
4-Mostly	26	35.1
5-Definitely	40	54.1
TOTAL	74	100

CO2 Are you able to Develop mathematical models for different modes of heat transfer.



Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	1%
3-Moderately	9	12.2
4-Mostly	25	33.8
5-Definitely	39	52.7
TOTAL	74	100

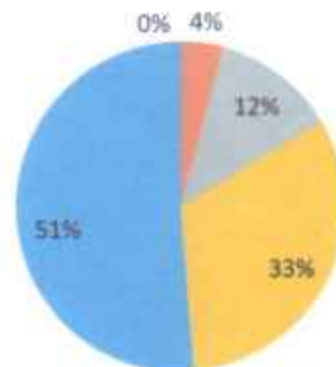
CO3 Can you Analyze performance parameters of different types of heat exchangers.



■ 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	3	4.1
3-Moderately	9	12.2
4-Mostly	24	32.4
5-Definitely	38	51.4
TOTAL	74	100

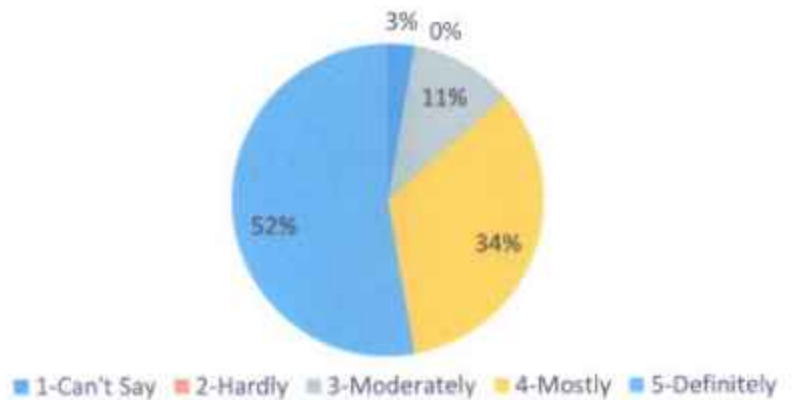
CO4 Can you Identify and analyze the Transient heat Transfer in engineering applications.



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

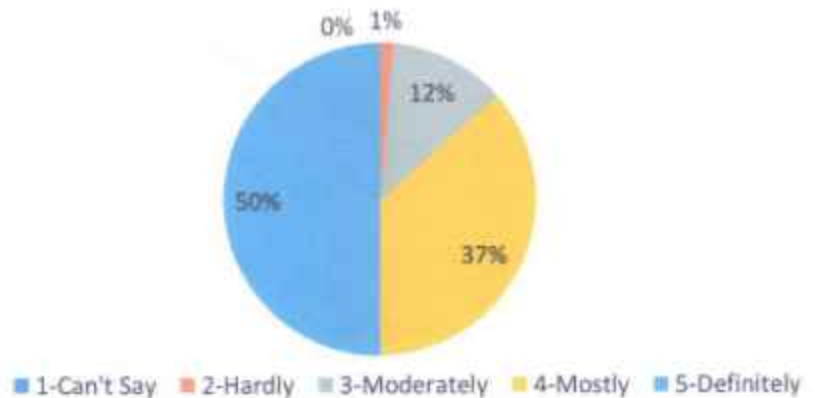
Score	No of Students	Percentage
1-Can't Say	2	3%
2-Hardly	0	0
3-Moderately	8	10.8
4-Mostly	25	33.8
5-Definitely	39	52.7
TOTAL	74	100

CO5 Are you able to Explain construction and working of different components of internal combustion engines.



Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	1%
3-Moderately	9	12.2
4-Mostly	27	36.5
5-Definitely	37	50
TOTAL	74	100

CO6 Are you able to Evaluate engine performance and emission characteristics.



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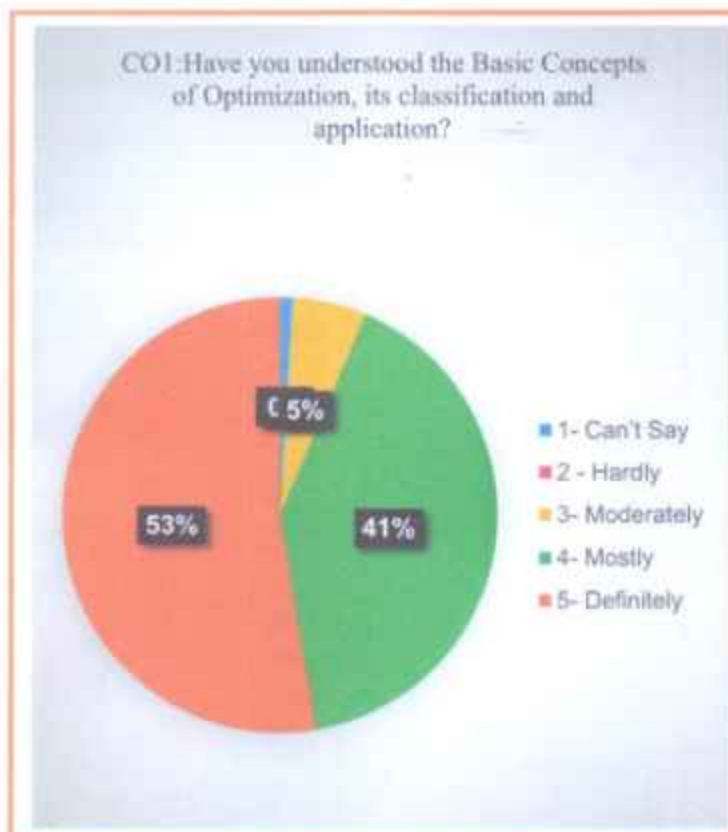
Academic Year: 2022-23 (Odd Sem)

Course Exit Analysis Report [Class: TE, Sem: V]

Subject: Optimization Techniques

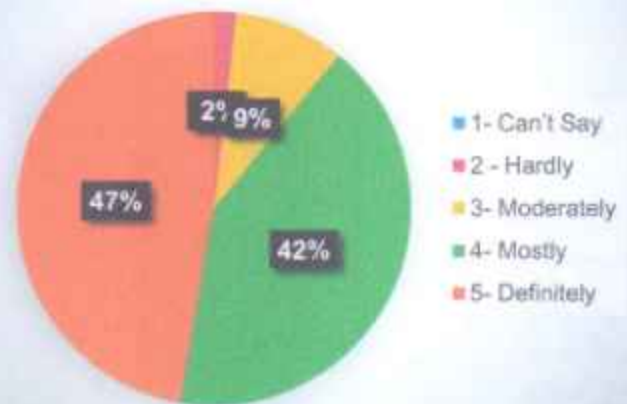
Subject In-charge: Prof.Madhukar Sorte

Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	0	0
3- Moderately	5	6
4- Mostly	41	45
5- Definitely	53	58
Total	100	110



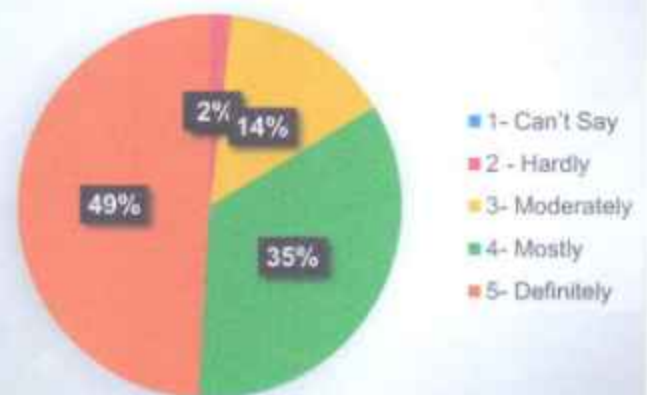
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	2
3- Moderately	10	9
4- Mostly	46	42
5- Definitely	52	47
Total	100	110

CO2: Have you understood the problem formulation, simplex methods, Big-M Method, LPP ?

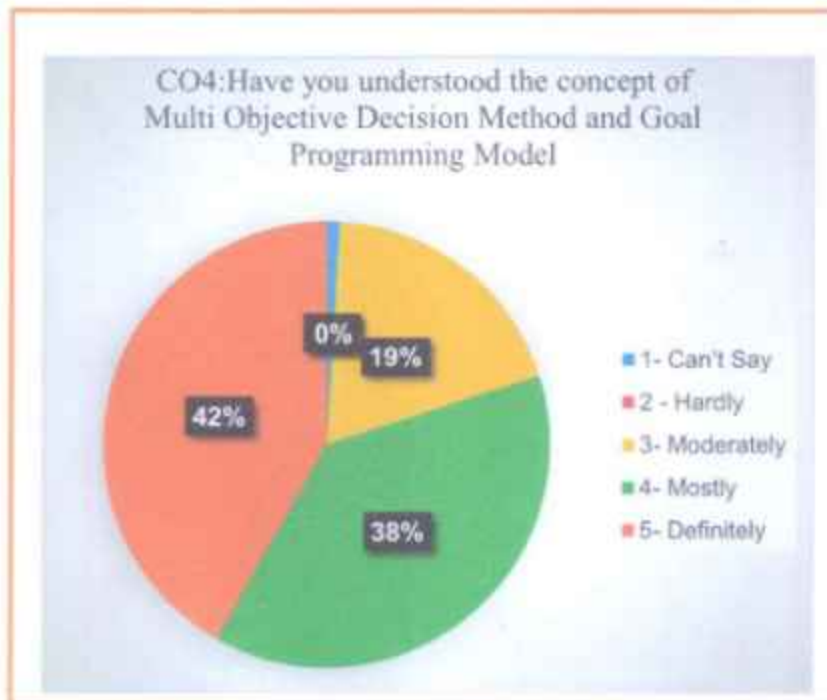


Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	2
3- Moderately	15	16
4- Mostly	35	38
5- Definitely	49	54
Total	100	110

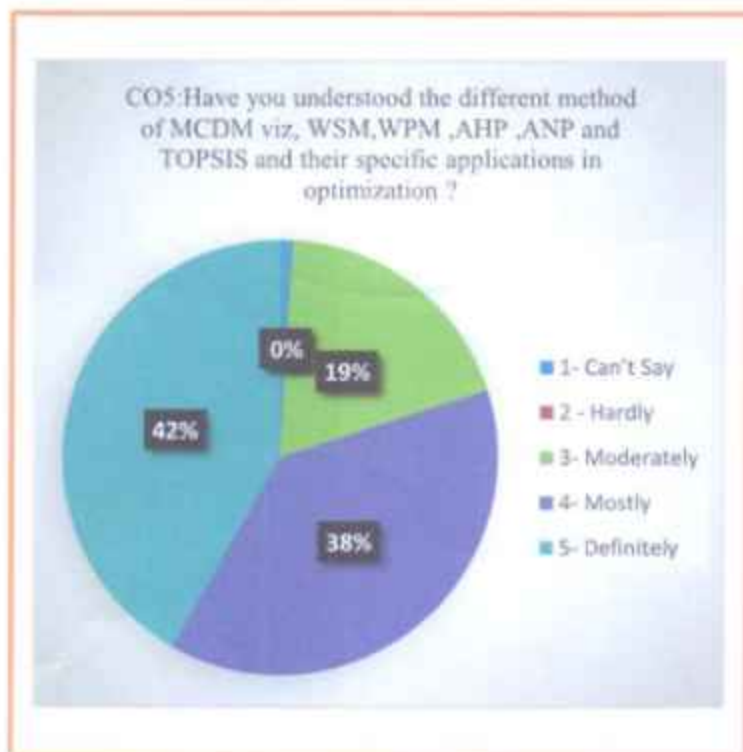
CO3: Have you understood the Gomory cutting plane method, Kuhn Tucker method, Lagrange method and simulation ?



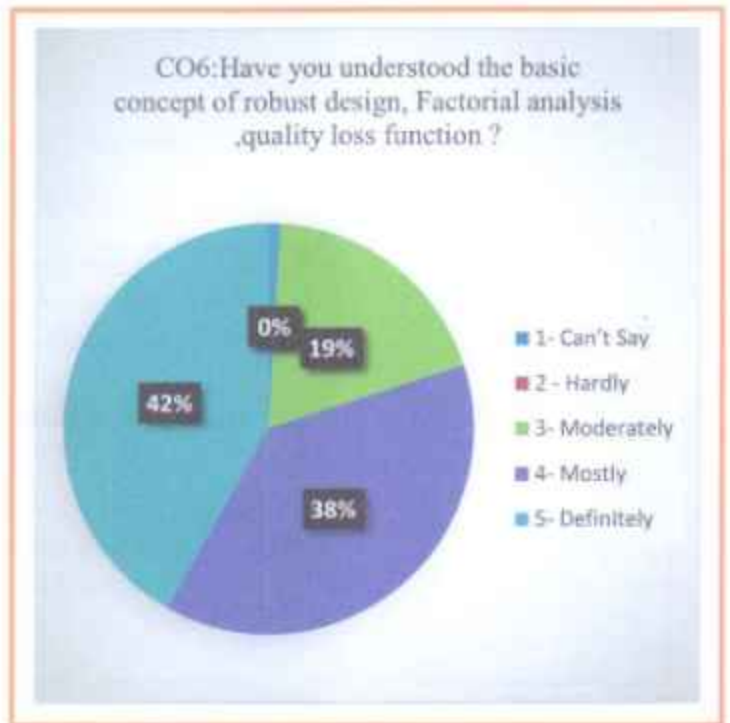
Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	2	2
3- Moderately	15	16
4- Mostly	35	38
5- Definitely	49	54
Total	100	110



Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	0	0
3- Moderately	19	21
4- Mostly	38	42
5- Definitely	42	46
Total	100	110



Score	No. of Students	Percentage (%)
1- Can't Say	1	1
2 - Hardly	2	0
3- Moderately	15	21
4- Mostly	35	42
5- Definitely	49	46
Total	100	110



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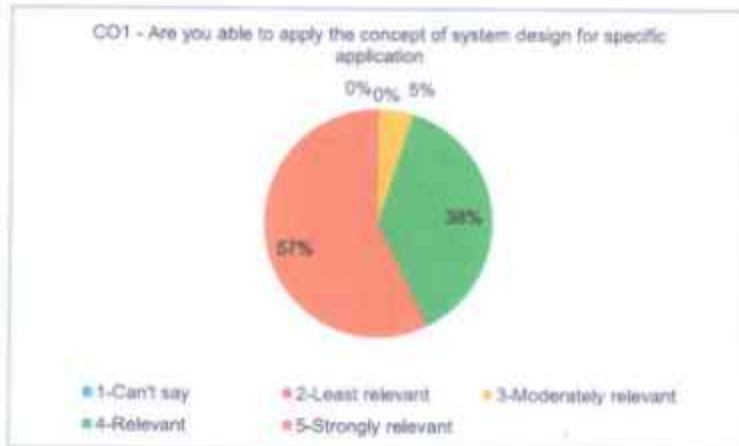
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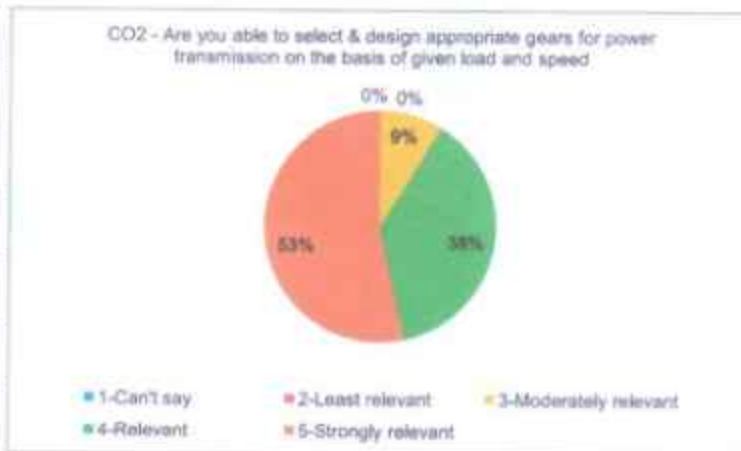
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Department of Mechanical Engineering
Academic Year 2022-23 (ODD SEM)
Course Exit Analysis Report (Sem VII)
Subject - Design of Mechanical System
Subject Incharge - Prof. Sreejith S.

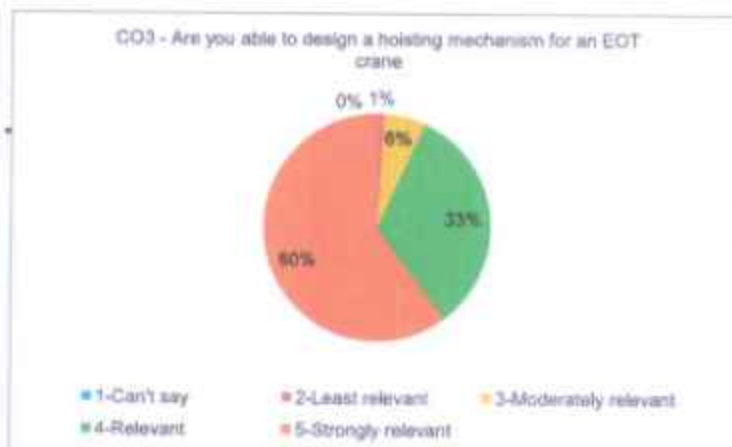
Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	0	0%
3-Moderately relevant	5	5%
4-Relevant	39	38%
5-Strongly relevant	59	57%
Total	103	100



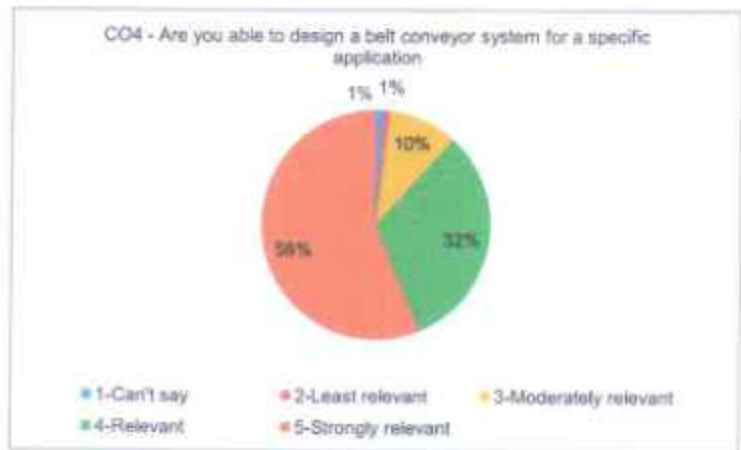
Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	0	0%
3-Moderately relevant	9	9%
4-Relevant	39	38%
5-Strongly relevant	55	53%
Total	103	100



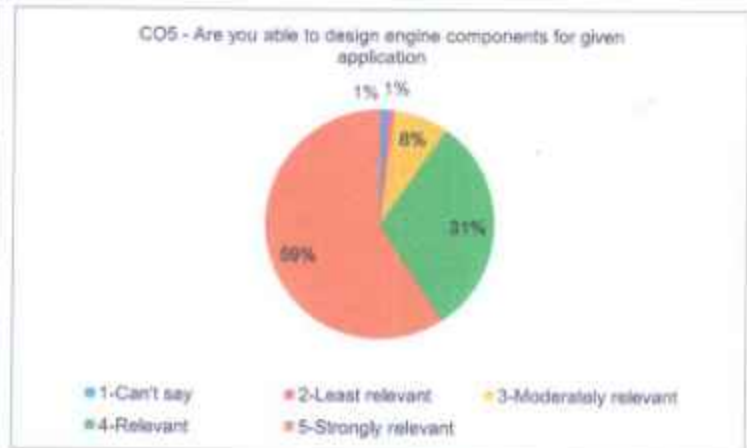
Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	1	1%
3-Moderately relevant	6	6%
4-Relevant	34	33%
5-Strongly relevant	62	60%
Total	103	100



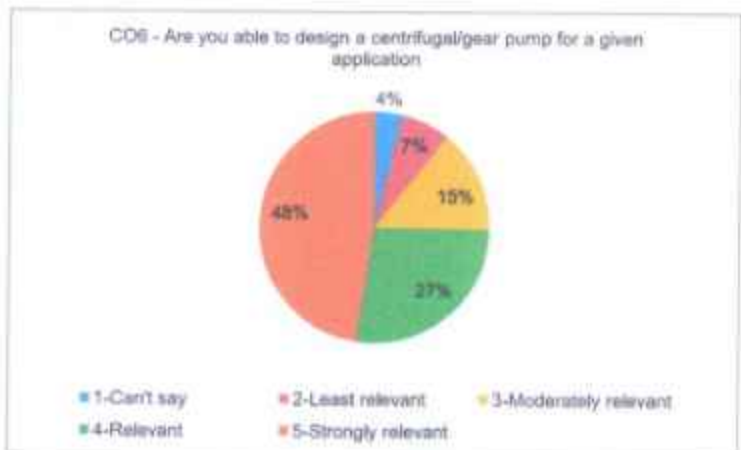
Score	No. of Students	Percentage
1-Can't say	1	1%
2-Least relevant	1	1%
3-Moderately relevant	10	10%
4-Relevant	33	32%
5-Strongly relevant	58	56%
Total	103	100



Score	No. of Students	Percentage
1-Can't say	1	1%
2-Least relevant	1	1%
3-Moderately relevant	8	8%
4-Relevant	32	31%
5-Strongly relevant	61	59%
Total	103	100



Score	No. of Students	Percentage
1-Can't say	4	4%
2-Least relevant	7	7%
3-Moderately relevant	15	15%
4-Relevant	28	27%
5-Strongly relevant	49	48%
Total	103	100



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Subject Incharge

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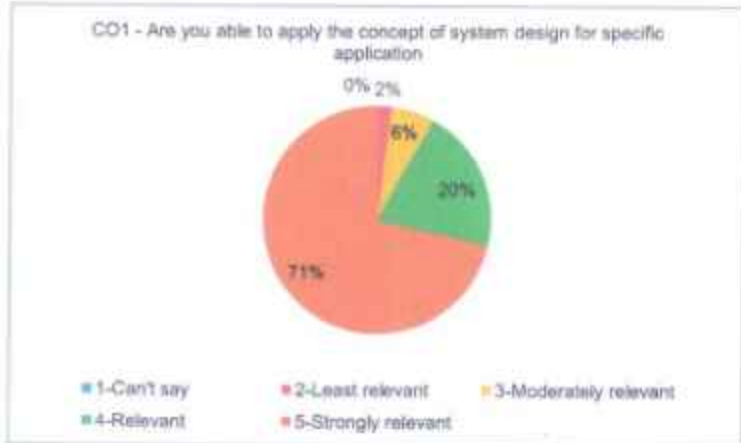
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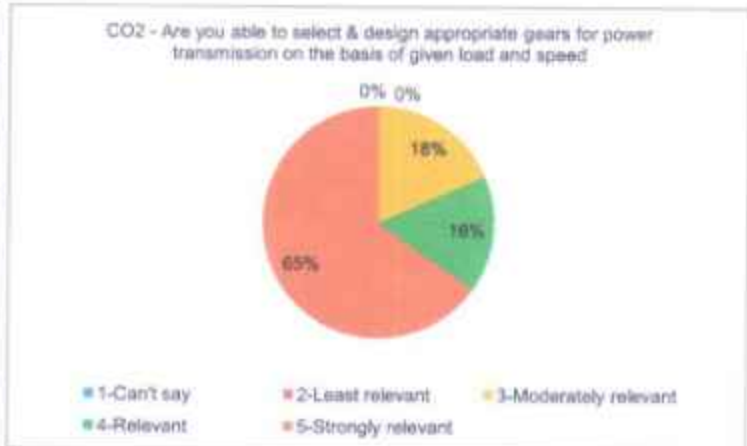


Department of Mechanical Engineering
Academic Year 2022-23 (ODD SEM)
Course Exit Analysis Report (Sem VII)
Subject - Design of Mechanical System
Subject Incharge - Prof. D. Baviskar

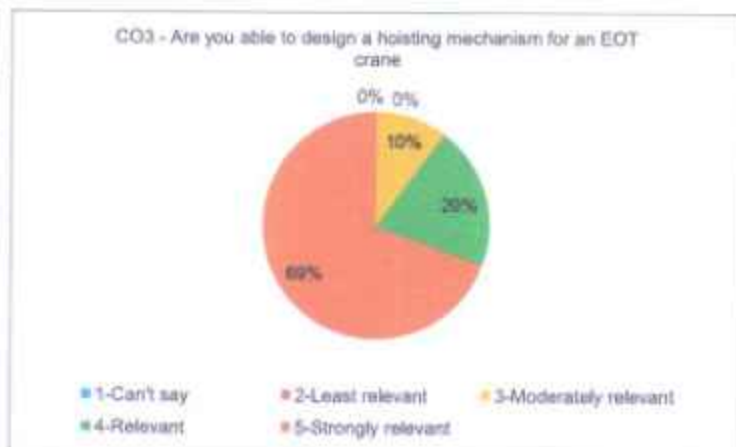
Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	1	2%
3-Moderately relevant	3	6%
4-Relevant	10	20%
5-Strongly relevant	35	71%
Total	49	100



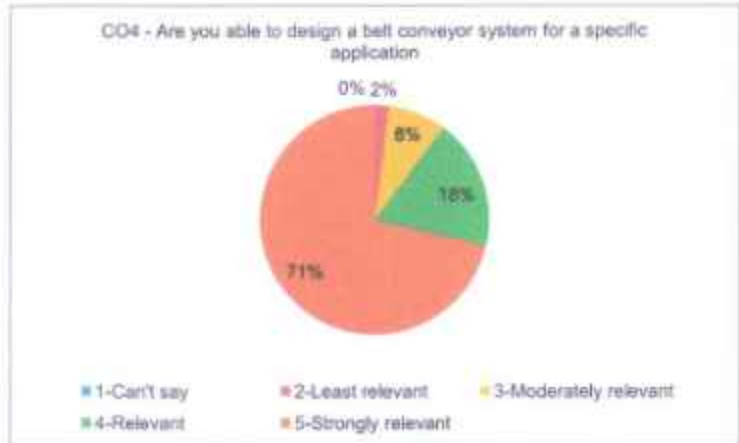
Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	0	0%
3-Moderately relevant	9	18%
4-Relevant	8	16%
5-Strongly relevant	32	65%
Total	49	100



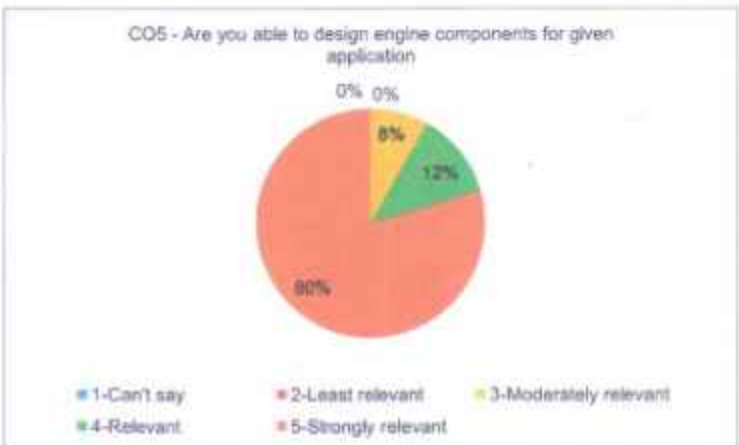
Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	0	0%
3-Moderately relevant	5	10%
4-Relevant	10	20%
5-Strongly relevant	34	69%
Total	49	100



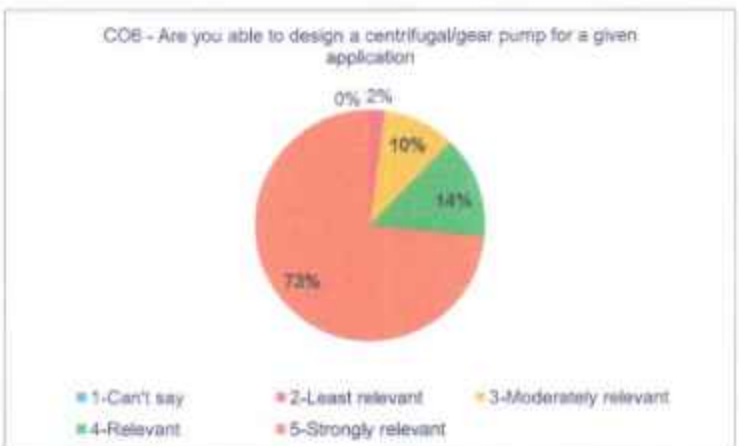
Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	1	2%
3-Moderately relevant	4	8%
4-Relevant	9	18%
5-Strongly relevant	35	71%
Total	49	100



Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	0	0%
3-Moderately relevant	4	8%
4-Relevant	6	12%
5-Strongly relevant	39	80%
Total	49	100



Score	No. of Students	Percentage
1-Can't say	0	0%
2-Least relevant	1	2%
3-Moderately relevant	5	10%
4-Relevant	7	14%
5-Strongly relevant	36	73%
Total	49	100



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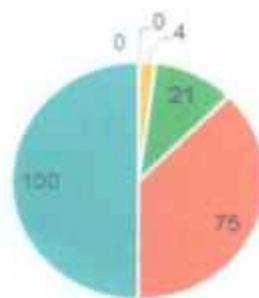
Course Exit Analysis Report (Sem VII)

Subject: Renewable Energy Sources

Subject In-charge: Prof. Sunil Jankar

Score	No of Student	Percentage
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	1	4
4- Mostly	5	21
5- Definitely	18	75
Total	24	100

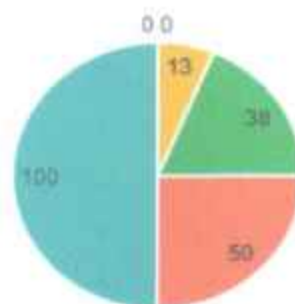
C01. "Indicate your level to understand the need, importance and scope of non-conventional and conventional energy sources."



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

Score	No of Student	Percentage
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	3	13
4- Mostly	9	38
5- Definitely	12	50
Total	24	100

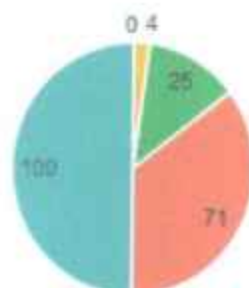
C02. "Indicate your level to Analyze the environmental aspects of Solar energy resources."



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	0	0
3- Moderately	1	4
4- Mostly	6	25
5- Definitely	17	71
Total	24	100

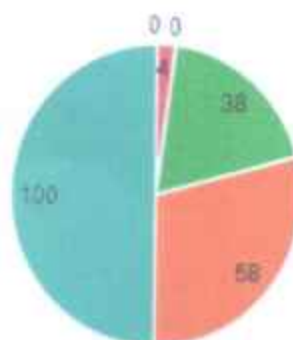
C03. Are you be able to design a simple renewable source to generate electricity ?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2 - Hardly	1	4
3- Moderately	0	0
4- Mostly	9	38
5- Definitely	14	58
Total	24	100

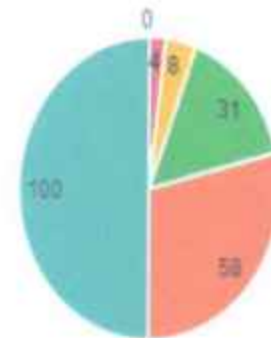
C04. Are you able to analyze utilization of wind energy ?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2- Hardly	1	4
3- Moderately	2	8
4- Mostly	8	31
5- Definitely	15	58
Total	26	100

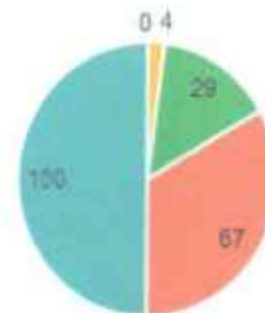
CO5. Are you able to design a bio gas plant ?



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

Score	No of Student	Percentage
1- Can't Say	0	0
2- Hardly	0	0
3- Moderately	1	4
4- Mostly	7	29
5- Definitely	16	67
Total	24	100

CO6. Are you able to prepare a basic demonstration of hydrogen gas energy ?



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

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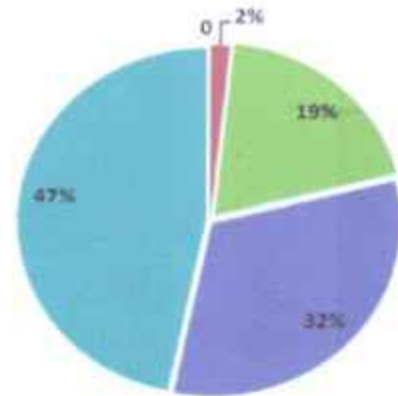
Course Exit Analysis Report (Sem VII)

Subject: Machinery Diagnostics

Subject In-charge: Prof. N.A.Waghmare

Score	No. of Students	Percentage (%)
1- Can't Say	0	0
2 - Hardly	5	2
3- Moderately	10	19
4- Mostly	15	32
5- Definitely	30	47
Total	60	100

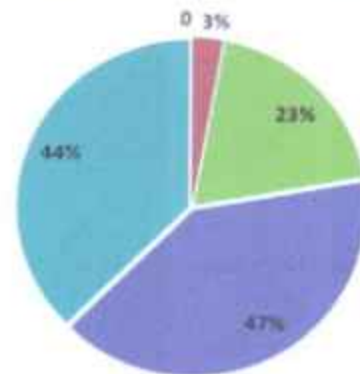
CO1. Are you able to understand the types and working of clutches and transmission system?.



■ 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	3	3
3- Moderately	12	23
4- Mostly	20	47
5- Definitely	25	44
Total	60	100

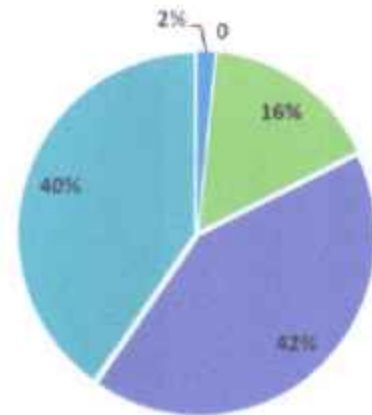
CO2. Are you able to demonstrate the working of different types of final drive, braking and gear system?.



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

Score	No. of Students	Percentage (%)
1- Can't Say	5	2
2 - Hardly	10	0
3- Moderately	15	16
4- Mostly	10	42
5- Definitely	20	40
Total	60	100

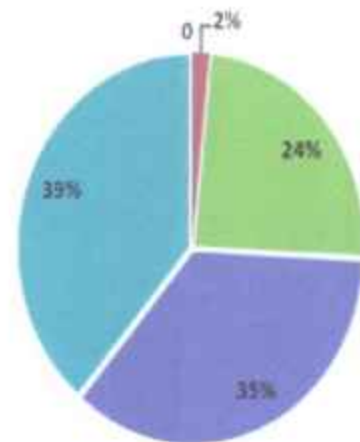
CO3. Are you able to understand the constructional features of wheels, tyres and suspension system?



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

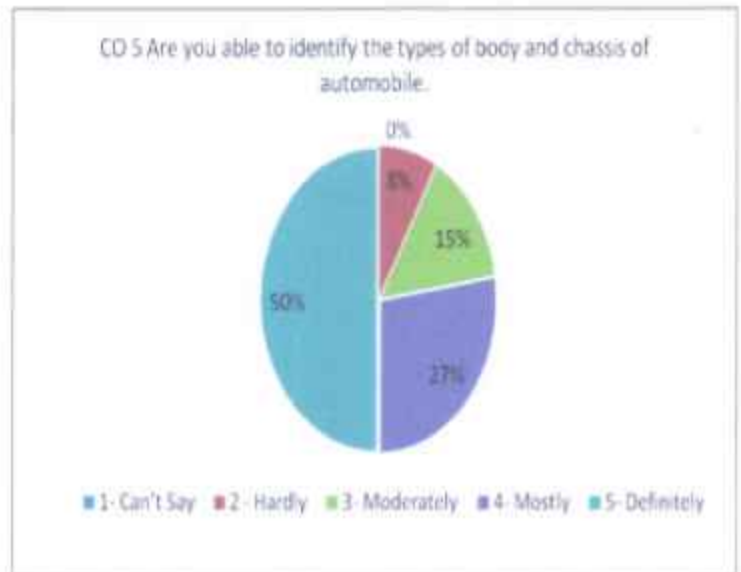
Score	No. of Students	Percentage (%)
1- Can't Say	3	0
2 - Hardly	7	2
3- Moderately	10	24
4- Mostly	15	35
5- Definitely	25	39
Total	60	100

CO4. Are you able to understand the types of storage, charging and starting system?

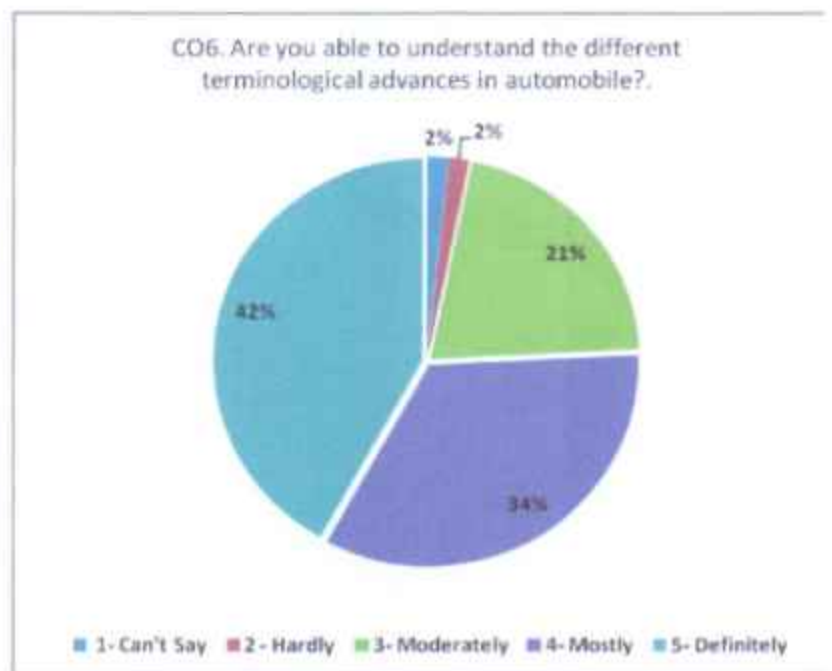


■ 1- Can't Say ■ 2 - Hardly ■ 3- Moderately ■ 4- Mostly ■ 5- Definitely

Score	No. of Students	Percentage (%)
1- Can't Say	2	0
2 - Hardly	5	8
3- Moderately	13	15
4- Mostly	15	27
5- Definitely	25	50
Total	60	100



Score	No. of Students	Percentage (%)
1- Can't Say	5	2
2 - Hardly	10	2
3- Moderately	10	21
4- Mostly	15	34
5- Definitely	20	42
Total	60	100




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Academic Year: 2022-23 (ODD SEM)

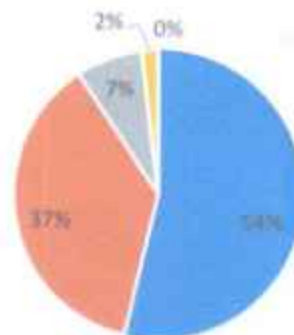
Course Exit Analysis Report (Sem VII)

**Subject: Logistics & supply chain
management**

Subject In-charge: Prof. Akshay koli

Score	No. of Students	Percentage (%)
5- Definitely	27	54
4- Mostly	18	37
3- Moderately	4	7
2 - Hardly	1	2
1- Can't Say	0	0
Total	50	100

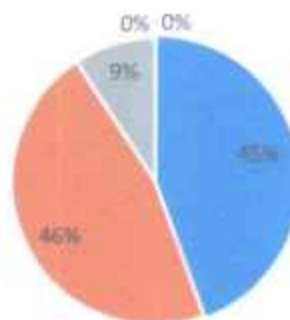
CO1: Are you able to Gain knowledge about Logistic & supply chain strategy



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

Score	No. of Students	Percentage (%)
5- Definitely	25	44
4- Mostly	22	46
3- Moderately	3	9
2 - Hardly	0	0
1- Can't Say	0	0
Total	50	100

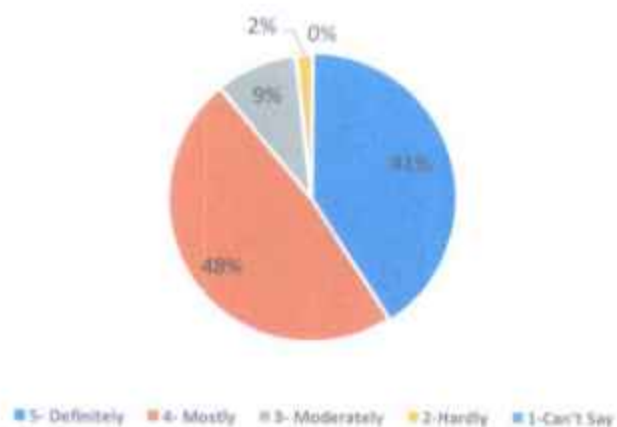
CO2: Are you able to illustrate various approaches and techniques for warehouse management



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

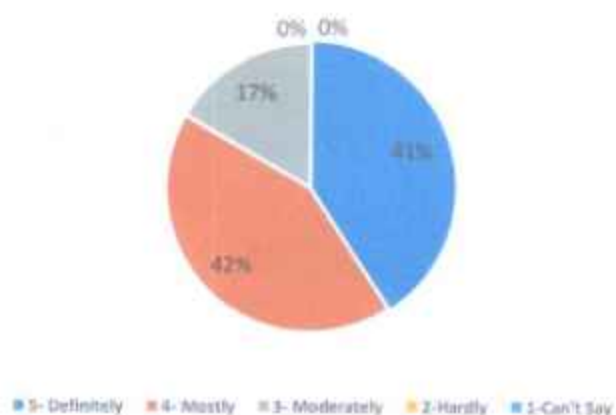
Score	No. of Students	Percentage (%)
5- Definitely	22	41
4- Mostly	20	48
3- Moderately	5	9
2 - Hardly	1	2
1- Can't Say	0	0
Total	50	100

CO3: Are you able to Gain knowledge about Performance & evaluation of SCM



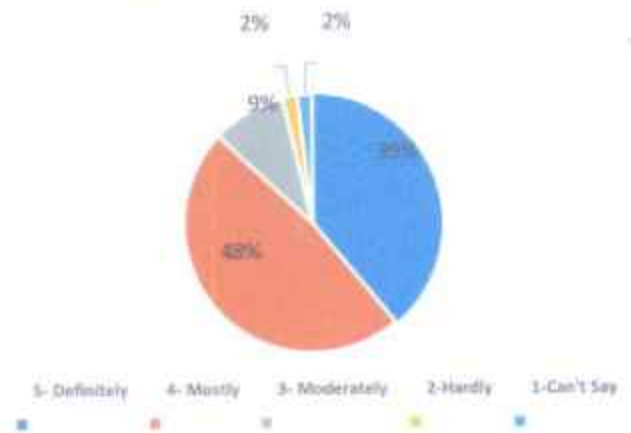
Score	No. of Students	Percentage (%)
5- Definitely	21	41
4- Mostly	20	43
3- Moderately	9	17
2 - Hardly	0	0
1- Can't Say	0	0
Total	50	100

CO4: Are you able to Acquire knowledge OF Transportation model and its types



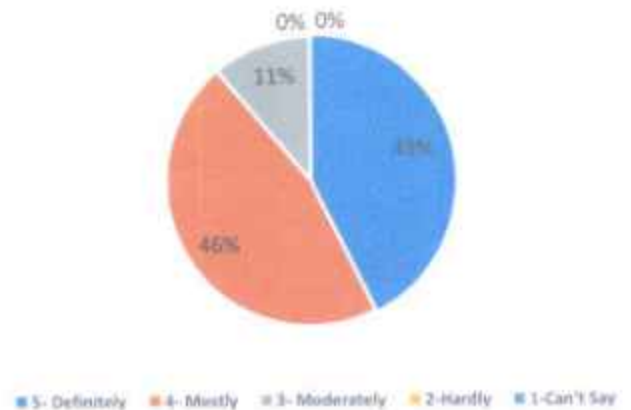
Score	No. of Students	Percentage (%)
5- Definitely	24	39
4- Mostly	22	48
3- Moderately	2	9
2 - Hardly	1	2
1- Can't Say	1	2
Total	50	100

CO5: Are you able to Gain knowledge about EOQ Economic order quantity



Score	No. of Students	Percentage (%)
5- Definitely	23	43
4- Mostly	21	46
3- Moderately	6	11
2 - Hardly	0	0
1- Can't Say	0	0
Total	50	100

CO6: Are you able to Gain knowledge about various Management software like SAP , WMS,GRMS.



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UJ
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Department of Mechanical Engineering

Academic Year: 2022-23 (ODD SEM)

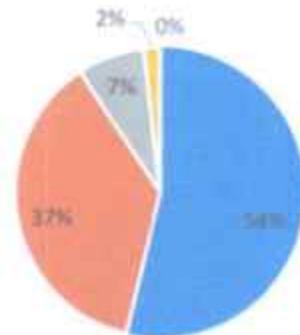
Course Exit Analysis Report (Sem VII)

Subject: PLM

Subject In-charge: Prof. Akshay koli

Score	No. of Students	Percentage (%)
5- Definitely	28	54
4- Mostly	23	37
3- Moderately	4	7
2 - Hardly	1	2
1- Can't Say	0	0
Total	54	100

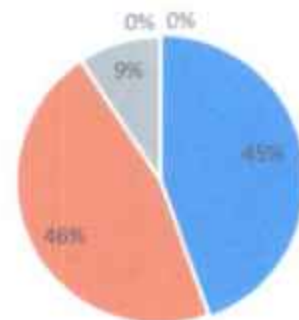
CO1: Are you able to Gain knowledge about PRODUCT LIFECYCLE MANAGEMENT (PLM)



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

Score	No. of Students	Percentage (%)
5- Definitely	23	44
4- Mostly	25	46
3- Moderately	6	9
2 - Hardly	0	0
1- Can't Say	0	0
Total	54	100

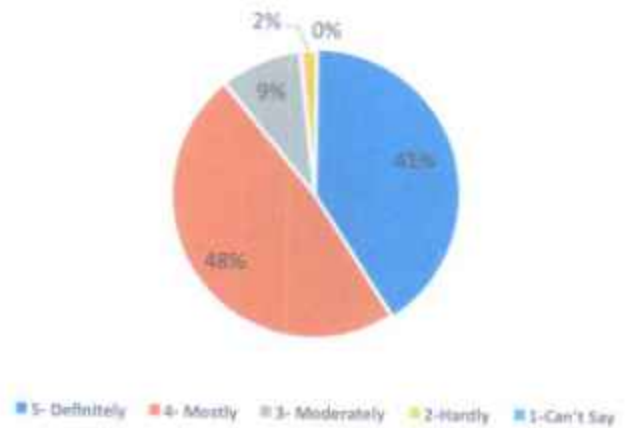
CO2: Are you able to illustrate various approaches and techniques for product design & development



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

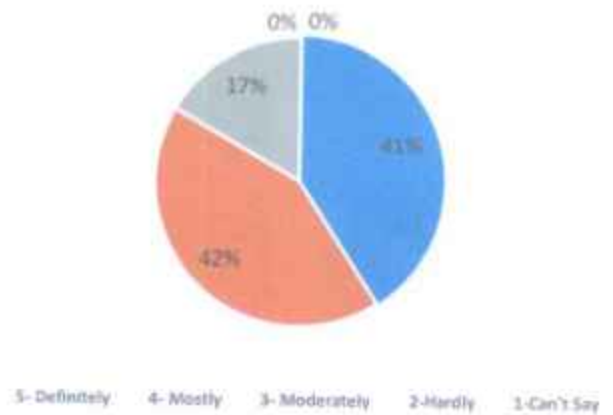
Score	No. of Students	Percentage (%)
5- Definitely	26	41
4- Mostly	22	48
3- Moderately	5	9
2 - Hardly	1	2
1- Can't Say	0	0
Total	54	100

CO3: Are you able to Gain knowledge about PRODUCT DATA MANAGEMENT (PDM)



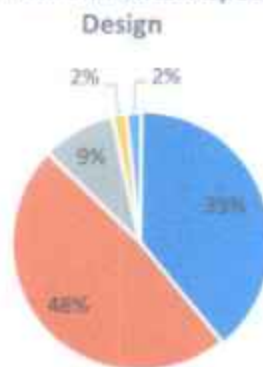
Score	No. of Students	Percentage (%)
5- Definitely	27	41
4- Mostly	23	43
3- Moderately	5	17
2 - Hardly	0	0
1- Can't Say	0	0
Total	54	100

CO4: Are you able to Acquire knowledge in applying virtual product development tools



Score	No. of Students	Percentage (%)
5- Definitely	24	39
4- Mostly	22	48
3- Moderately	7	9
2 - Hardly	1	2
1- Can't Say	1	2
Total	54	100

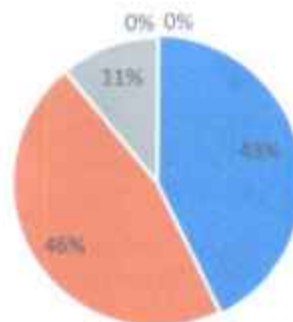
CO5: Are you able to Gain knowledge about Integration of Environmental Aspects in Product Design



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

Score	No. of Students	Percentage (%)
5- Definitely	27	43
4- Mostly	20	46
3- Moderately	6	11
2 - Hardly	0	0
1- Can't Say	0	0
Total	54	100

CO6: Are you able to Gain knowledge about Life Cycle Assessment (LCA) and Life Cycle Cost Analysis (LCCA)



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

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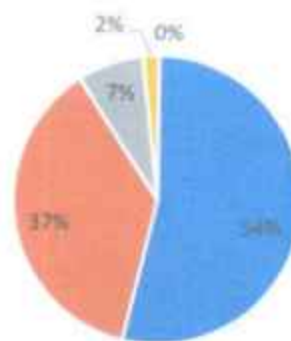
Course Exit Analysis Report (Sem VII)

Subject: PLM

Subject In-charge: Prof. PRAMOD MAURYA

Score	No. of Students	Percentage (%)
5- Definitely	29	54
4- Mostly	20	37
3- Moderately	4	7
2 - Hardly	1	2
1- Can't Say	0	0
Total	54	100

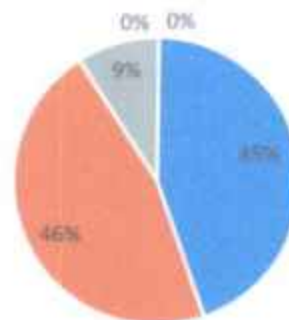
CO1: Are you able to Gain knowledge about PRODUCT LIFECYCLE MANAGEMENT (PLM)



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

Score	No. of Students	Percentage (%)
5- Definitely	24	44
4- Mostly	25	46
3- Moderately	5	9
2 - Hardly	0	0
1- Can't Say	0	0
Total	54	100

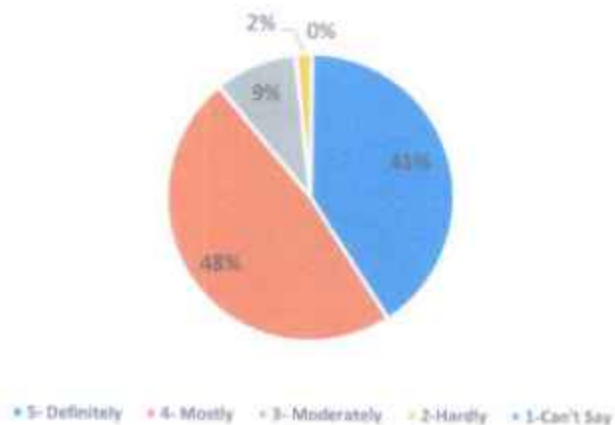
CO2: Are you able to illustrate various approaches and techniques for product design & development



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

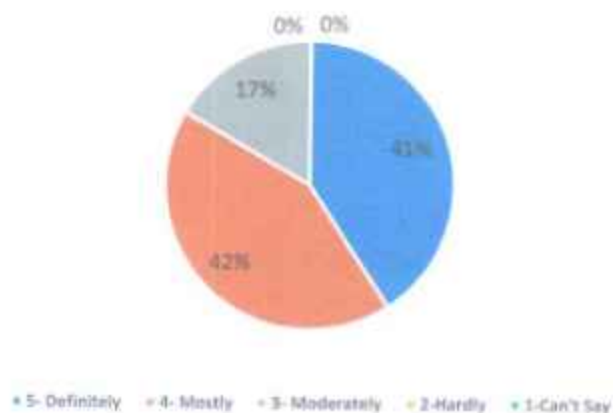
Score	No. of Students	Percentage (%)
5- Definitely	22	41
4- Mostly	26	48
3- Moderately	5	9
2 - Hardly	1	2
1- Can't Say	0	0
Total	54	100

CO3: Are you able to Gain knowledge about PRODUCT DATA MANAGEMENT (PDM)



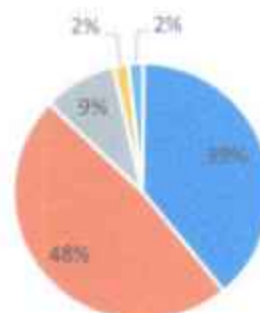
Score	No. of Students	Percentage (%)
5- Definitely	22	41
4- Mostly	23	43
3- Moderately	9	17
2 - Hardly	0	0
1- Can't Say	0	0
Total	54	100

CO4: Are you able to Acquire knowledge in applying virtual product development tools



Score	No. of Students	Percentage (%)
5- Definitely	21	39
4- Mostly	26	48
3- Moderately	5	9
2 - Hardly	1	2
1- Can't Say	1	2
Total	54	100

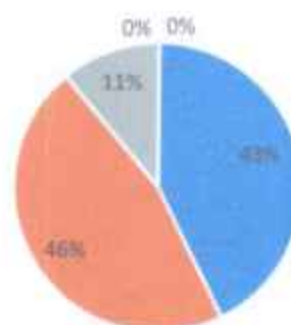
CO5: Are you able to Gain knowledge about Integration of Environmental Aspects in Product Design



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

Score	No. of Students	Percentage (%)
5- Definitely	23	43
4- Mostly	25	46
3- Moderately	6	11
2 - Hardly	0	0
1- Can't Say	0	0
Total	54	100

CO6: Are you able to Gain knowledge about Life Cycle Assessment (LCA) and Life Cycle Cost Analysis (LCCA)



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


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