



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Action Taken Report on Student's Feedback

Department: Mechanical Engineering

Academic Year - 2023-24 (ODD)

Action taken report on Feedback received from the Students in Academic Year 2023-24.

SEM: SEM VII

Year: BE

Sr. No.	Subject	Faculty	Feedback/concern	Action Taken
1	DMS	Prof. Baviskar D. D.	Difficulty in understanding a two stage helical gear box working	Shown video related to assembly and working of gear box <u>Two Step Gearbox Animation in Autodesk Inventor</u> https://nptel.ac.in/courses/112106137
2	LSCM	Prof. Mitali M.	Difficulty in understanding transportation problems	Extra numerical practice were conducted.
3	PLM	Prof. Pramod Maurya	Students were satisfied with the Content of course	Case studies given to the students.
4	MD	Dr. Sonali Jadhav	Students were satisfied with the Content of course	Shop floor visit were conducted for demonstration.
5	RES	Prof. Sunil Jankar	Students were satisfied with the Content of course	NPTEL video lecture were provided https://youtu.be/NUe90kpfA/

HOD

H. O. D. Mechanical Engg Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.

Principal
PRINCIPAL

Saraswati College of Engineering
Kharghar, Navi Mumbai-410 210



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Action Taken Report on Student's Feedback

Department: Mechanical Engineering

Academic Year - 2023-24 (ODD)

Action taken report on Feedback received from the Students in Academic Year 2023-24.

Year: TE

SEM: SEM V

Sr. No.	Subject	Faculty	Feedback/concern	Action Taken
1	FEA	Prof. Paramjit Thakur	More practical example should be provided	Provided notes And Shown case study to students https://drive.google.com/file/d/120ZLCntVq6dE6VIOirSoKMxOzS3BAEh/view?usp=sharing
2	MMC	Prof. Mitali Mhatre	Students were satisfied with the Content of course	Suggested to enroll for NPTEL courses
3	TE	Prof. Pramod M.	Students were satisfied with the Content of course	Suggested to enroll for NPTEL courses https://onlinecourses.nptel.ac.in/noc21_me127/preview
4	DOM	Prof. Pramod D.	Student difficult to understand Force vibration Concept	Suggest to students See NPTEL lecture related to nptel lect on force vibration balacing - YouTube
5	OT	Prof. M. B.Sorte	Student wants more about RSM	Suggested students to go through following link Response surface methodology

HOD

H. O. D. Mechanical Engg Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.

Principal

PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210





SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Action Taken Report on Student's Feedback

Department: Mechanical Engineering

Academic Year - 2023-24 (ODD)

Action taken report on Feedback received from the Students in Academic Year 2023-24.

SEM: SEM III

Year: SE

Sr. No.	Subject	Faculty	Feedback/concern	Action Taken
1	TD	Dr. Sonali Jadhav	Difficult to understand Entropy concept	Provided NPTEL Lectures https://youtu.be/NB1cQejbEeE?feature=shared
2	PP	Prof. Sagar K..	Students are satisfied with content delivery as per syllabus	Provide video lecture link available for better understanding. <u>Lathe Operations: Different Operations Performed on Lathe Machine</u>
3	MM	Prof. Paramjit Thakur	Most of the students are satisfied that the course content goes well with the CO's.	Shared Videos of actual process.explanation with industrial approach <u>Fatigue Test</u>
4	AM III	Prof. Santoshi	Syllabus contents are very good which will suitable for future learning	NPTEL Videos for some topics were provided. <u>mod01lec01 - Introduction and Motivation for Laplace transforms - Part 1</u>
5	SOM	Prof. Pramod D.	Student difficult to understand SFD and BMD concept	Provide to them NPTEL lecture pdf notes Related to SMD BMD <u>Principal Planes & Principal stress components</u> <u>SFD BMD.pdf</u>

HOD

H. O. D. Mechanical Engg. Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.

Principal

PRINCIPAL

Saraswati College of Engineering
Kharghar, Navi Mumbai-410210





SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

NAAC Accredited

Department of Mechanical Engineering

Academic Year: 2023-24 (ODD SEM)

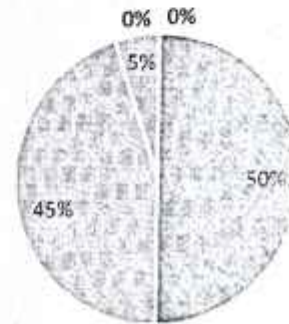
Course Exit Analysis Report (Sem V)

Subject: TE

Subject In-charge: Prof. PRAMOD MAURYA

Score	No. of Students	Percentage (%)
5- Definitely	20	71
4- Mostly	7	25
3- Moderately	1	4
2 - Hardly	0	0
1- Can't Say	0	0
Total	28	100

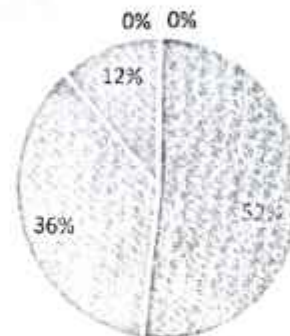
CO1: Are you able to identify the three modes of heat transfer



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

Score	No. of Students	Percentage (%)
5- Definitely	19	68
4- Mostly	7	25
3- Moderately	2	7
2 - Hardly	0	0
1- Can't Say	0	0
Total	28	100

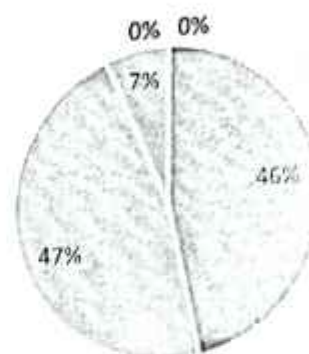
CO2: Are you able to solve problems on unsteady state conduction



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

CO3: Are you able to solve problems on convection and radiation.

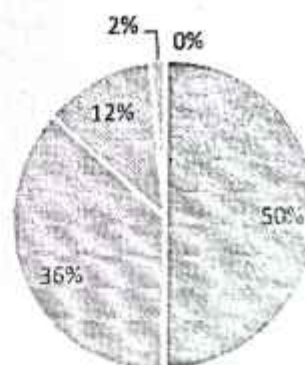
Score	No. of Students	Percentage (%)
5- Definitely	21	75
4- Mostly	6	21
3- Moderately	1	4
2 - Hardly	0	0
1- Can't Say	0	0
Total	28	100



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

CO4: Are you able to solve problems based Heat exchangers

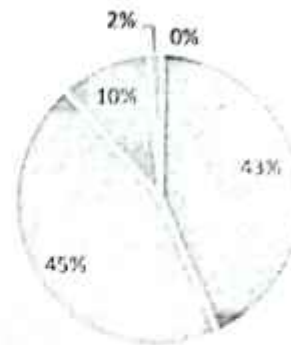
Score	No. of Students	Percentage (%)
5- Definitely	20	71
4- Mostly	6	21
3- Moderately	2	7
2 - Hardly	0	0
1- Can't Say	0	0
Total	28	100



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

Score	No. of Students	Percentage (%)
5- Definitely	18	64
4- Mostly	9	32
3- Moderately	1	4
2 - Hardly	0	0
1- Can't Say	0	0
Total	28	100

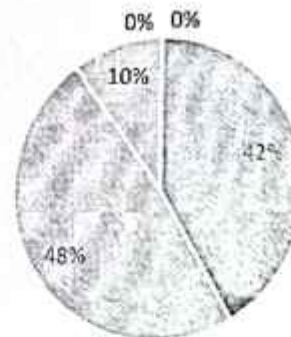
CO5: Have you understood about working of different components of internal combustion engines.




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

Score	No. of Students	Percentage (%)
5- Definitely	18	64
4- Mostly	7	25
3- Moderately	3	11
2 - Hardly	0	0
1- Can't Say	0	0
Total	28	100

CO6: Are you able to evaluate engine performance and emission characteristics.



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


H. O. B. Mechanical Engg. Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.


PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

NAAC Accredited

Department of Mechanical Engineering

Academic Year: 2023-24 (ODD SEM)

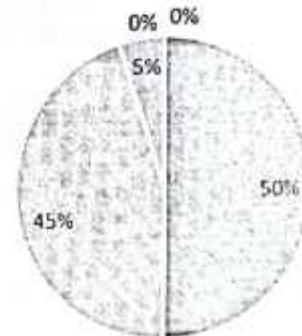
Course Exit Analysis Report (Sem VII)

Subject: PLM

Subject In-charge: Prof. PRAMOD MAURYA

Score	No. of Students	Percentage (%)
5- Definitely	24	62
4- Mostly	15	38
3- Moderately	0	0
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

CO1: 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	20	51
4- Mostly	18	46
3- Moderately	1	3
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

CO2: Illustrate various approaches and techniques for product design & development .



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



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

NAAC Accredited

Department of Mechanical Engineering

Academic Year: 2023-24 (ODD SEM)

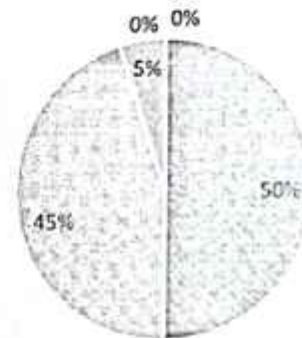
Course Exit Analysis Report (Sem VII)

Subject: PLM

Subject In-charge: Prof. PRAMOD MAURYA

Score	No. of Students	Percentage (%)
5- Definitely	24	62
4- Mostly	15	38
3- Moderately	0	0
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

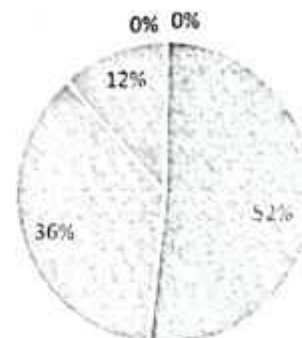
CO1: Gain knowledge about PRODUCT LIFECYCLE MANAGEMENT (PLM)



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

Score	No. of Students	Percentage (%)
5- Definitely	20	51
4- Mostly	18	46
3- Moderately	1	3
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

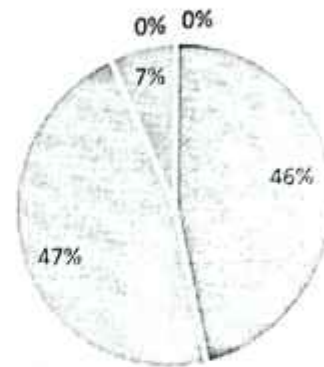
CO2: Illustrate various approaches and techniques for product design & development .



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

Score	No. of Students	Percentage (%)
5- Definitely	20	51
4- Mostly	18	46
3- Moderately	1	3
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

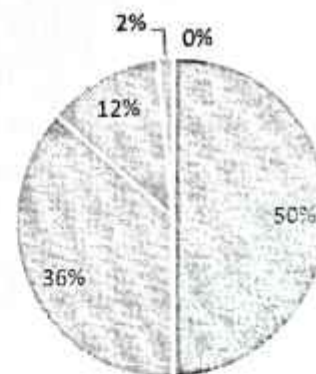
CO3: Gain knowledge about PRODUCT DATA MANAGEMENT (PDM)



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

Score	No. of Students	Percentage (%)
5- Definitely	21	54
4- Mostly	16	41
3- Moderately	2	5
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

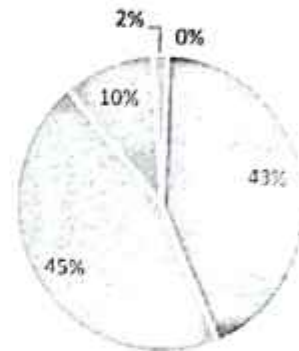
CO4: Acquire knowledge in applying virtual product development tools



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

Score	No. of Students	Percentage (%)
5- Definitely	22	56
4- Mostly	16	41
3- Moderately	1	3
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

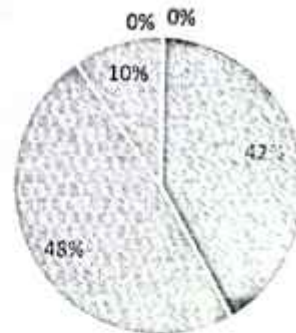
CO5: Gain knowledge about Integration of Environmental Aspects in Product Design



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

Score	No. of Students	Percentage (%)
5- Definitely	19	49
4- Mostly	17	44
3- Moderately	3	8
2 - Hardly	0	0
1- Can't Say	0	0
Total	39	100

CO6: 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


H. O. D. Mechanical Engg. Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.


PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210



Department of Mechanical Engineering

Academic Year: 2023-2024 (ODD SEM)

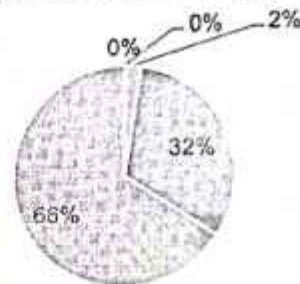
Course Exit Analysis Report (Sem VII)

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	2
4- Mostly	14	32
5- Definitely	29	66
Total	44	100

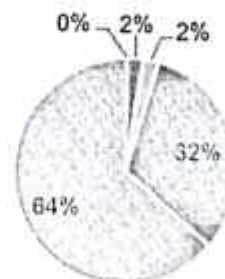
CO1. Indicate your level to understand the need, importance and scope of Renewable and Non-renewable Energy sources



• 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	1	2
4- Mostly	14	32
5- Definitely	28	64
Total	44	100

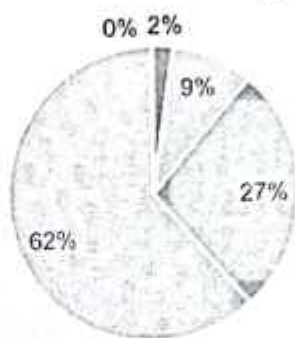
CO2. Indicate your level to Analyze the environmental aspects of Solar energy resources.



• 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	4	9
4- Mostly	12	27
5- Definitely	27	61
Total	44	100

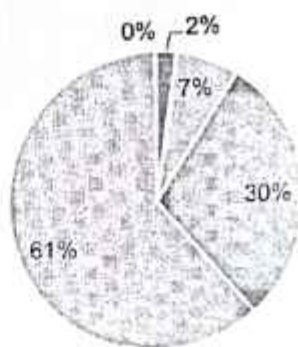
CO3.Are you be able to understand application of Solar Photovoltaic (SPV) System ?



- 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	3	7
4- Mostly	13	30
5- Definitely	27	61
Total	44	100

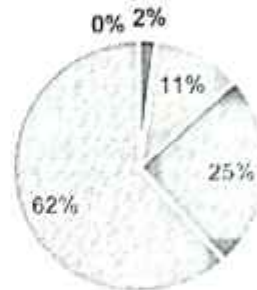
CO4.Are you able to analyze utilization of wind energy ?



- 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	11
4- Mostly	11	25
5- Definitely	27	61
Total	44	100

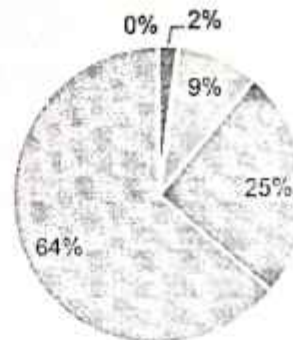
CO5. Are you able to understand different energy conversions from biomass and biogas plants ?



▪ 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	4	9
4- Mostly	11	25
5- Definitely	28	64
Total	44	100

CO6. Are you able to understand basic concept of Geothermal and Ocean energy ?



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

H. O. D. Mechanical Engg Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai

PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Department of Mechanical Engineering

Course Exit Analysis Report (ODD SEM)

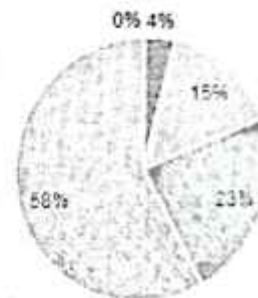
Academic Year: - 2023-2024 Semester: -III

Subject: - Strength of Material

Subject In charge: -Prof.Pramod Deshmukh

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	2	4%
3- Moderate	4	15%
4-Mostly	6	23%
5- Definitely	15	58%
Total	26	100%

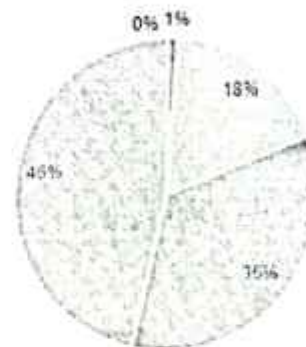
CO1:-Are you able to Analyse the Direct Tensile And Compressive stresses , Temperature Stresses?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	2	1%
3- Moderate	4	18%
4-Mostly	9	35%
5- Definitely	12	46%
Total	26	100%

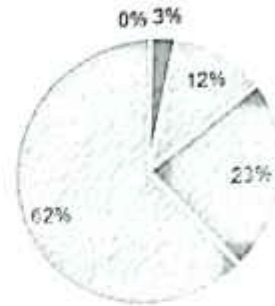
CO2:-Are you able to Analyse the Shear Force and Bending Moment on different type beams and also are u able to draw the Required SFD , BMD and AFD?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	3%
3- Moderate	3	12%
4-Mostly	6	23%
5- Definitely	16	62%
Total	26	100%

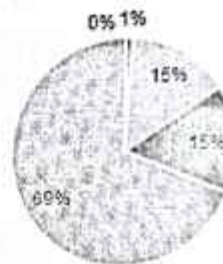
CO3:-Are you able to Find the Bending stresses and Shearing Stress on the different type of Cross Section of the beams?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	1%
3- Moderate	3	15%
4-Mostly	4	15%
5- Definitely	18	69%
Total	26	100%

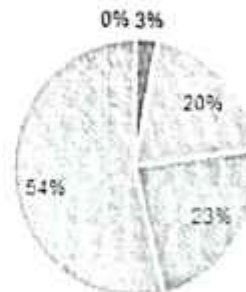
CO4:-Are you able to Analyse the Torsion in Circular shaft and also the Strain Energy in different types of Loading conditions?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	2	3%
3- Moderate	4	20%
4-Mostly	6	23%
5- Definitely	14	54%
Total	26	100%

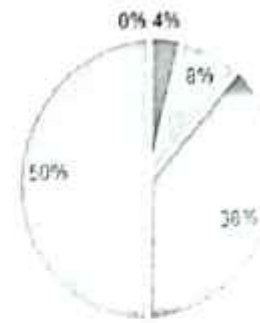
CO5:-Are you able to Analyze Hoop's Stress, Longitudinal Stress, Maximum shear Stress and corresponding deformations in the thin cylindrical Shells?



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

	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	4%
3-Moderate	2	8%
4-Mostly	10	38%
5- Definitely	13	50%
Total	26	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

H. O. D. Mechanical Engg. Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.

PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

Department of Mechanical Engineering

Course Exit Analysis Report (ODD SEM)

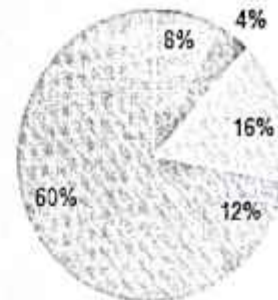
Academic Year: - 2023-2024 Semester: -V

Subject: - Dynamics of machinery

Subject In charge: -Prof.Pramod Deshmukh

Score	No of Students	Percentage
1-Can't Say	2	8%
2-Hardly	1	4%
3-Moderately	4	16%
4-Mostly	3	12%
5-Definitely	15	60%
TOTAL	25	

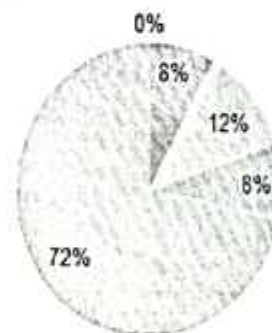
CO:-1 Do you understand Basic concept of governor and gyroscope.



■ 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	8%
3-Moderately	3	12%
4-Mostly	2	8%
5-Definitely	18	72%
TOTAL	25	

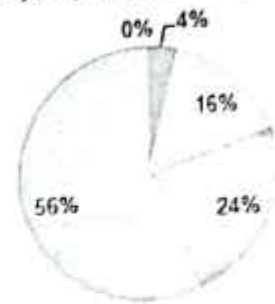
CO2:-Do you understand the basic concept of Static and dynamic force analysis.



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

Score	No of Students	Percentage
1-Can't Say	0	0%
2-Hardly	1	4%
3-Moderately	4	16%
4-Mostly	6	24%
5-Definitely	14	56%
TOTAL	25	

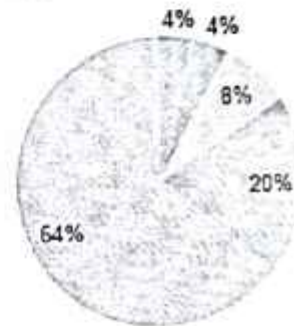
CO3:-Are you able to solve problems based on natural frequency of element /system.



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

Score	No of Students	Percentage
1-Can't Say	1	4%
2-Hardly	1	4%
3-Moderately	2	8%
4-Mostly	5	20%
5-Definitely	16	64%
TOTAL	25	

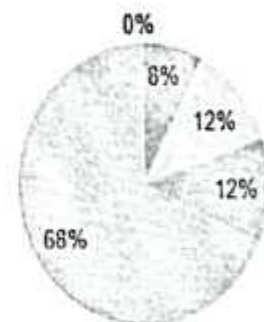
CO4:-Are you able to solve problems based on Free Damped Single Degree of Freedom Vibration System.



■ 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	2	8%
3-Moderately	3	12%
4-Mostly	3	12%
5-Definitely	17	68%
TOTAL	25	

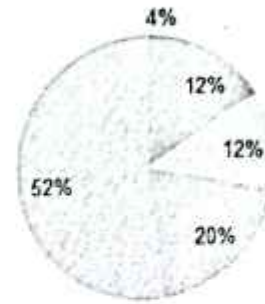
CO5:-Are you able to solve problems based on vibration isolation system.




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


Score	No of Students	Percentage
1-Can't Say	1	4%
2-Hardly	3	12%
3-Moderately	3	12%
4-Mostly	5	20%
5-Definitely	13	52%
TOTAL	25	

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



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


H. O. D. Mechanical Engg Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.


PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210
PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210



SARASWATI Education Society's
SARASWATI College of Engineering

Learn Live Achieve and Contribute

Kharghar, Navi Mumbai - 410 210.

NAAC Accredited

Department of Mechanical Engineering

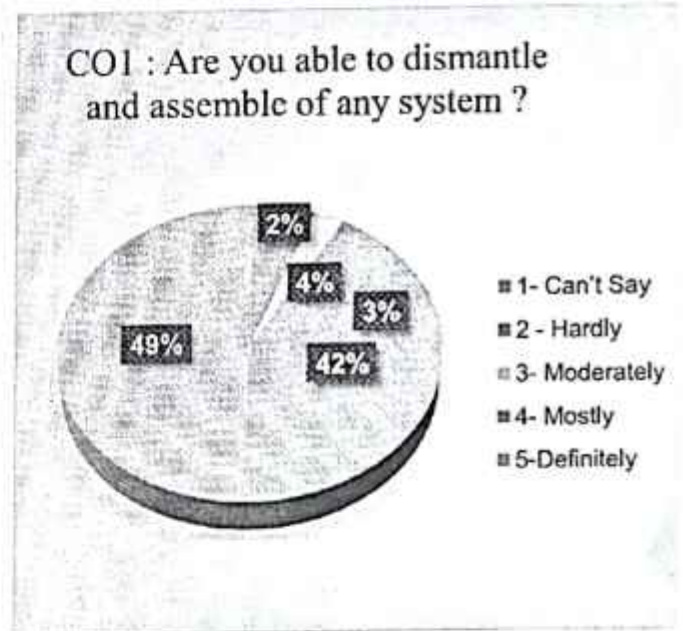
Academic Year: 2023-24 (Odd Sem)

Course Exit Analysis Report [Class: BE, Sem: VII]

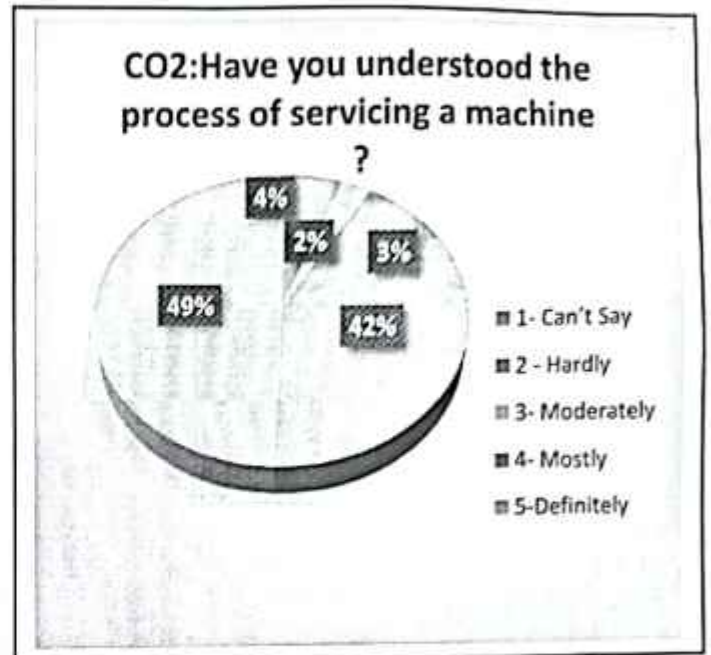
Subject: Maintenance Engineering (Practical) MEL702

Subject In-charge: Prof.Madhukar Sorte

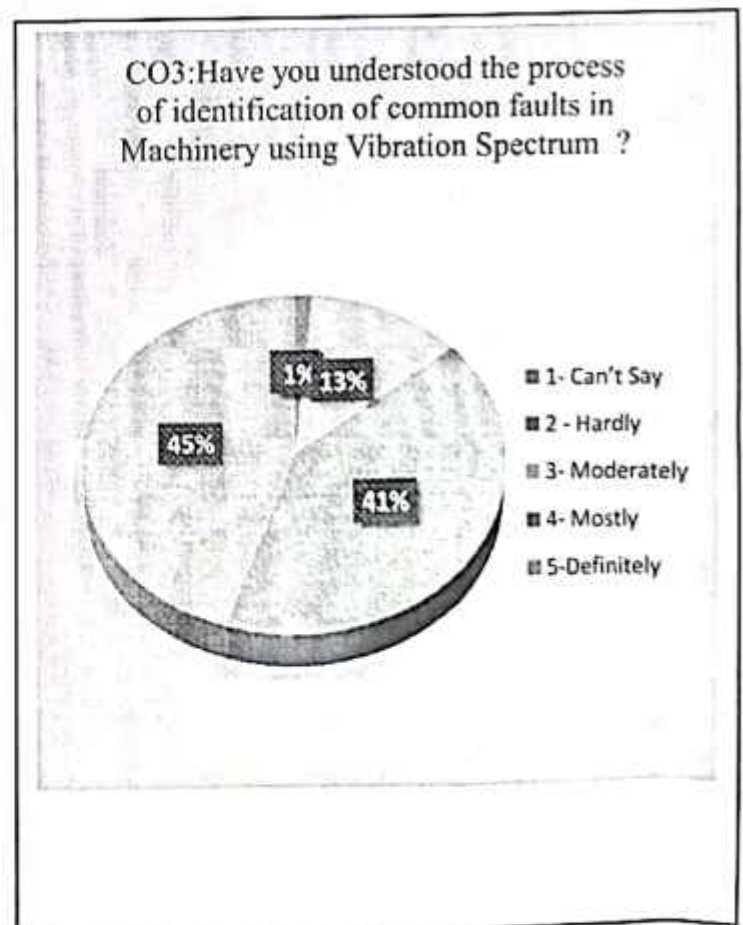
Score	No. of Students	Percentage %
Can't say	3	4
Hardly	1	1
Moderately	2	3
Mostly	30	42
Definitely	35	49
	71	100



Score	No. of Students	Percentage
Can't say	3	4
Hardly	1	1
Moderately	2	3
Mostly	30	42
Definitely	35	49
	71	100

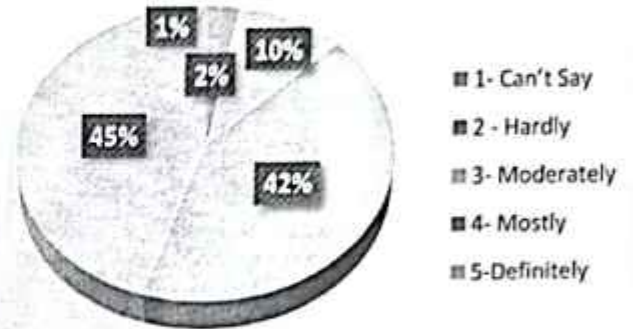


Score	No. of Students	Percentage
Can't say	0	0
Hardly	1	1
Moderately	9	13
Mostly	29	41
Definitely	32	45
	71	100



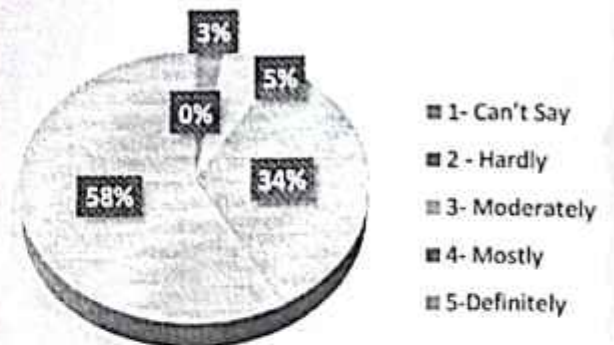
Score	No. of Students	Percentage
Can't say	1	1
Hardly	1	1
Moderately	7	10
Mostly	30	42
Definitely	32	45
	71	100

CO4 :Are you familiarize with Maintenance Procedures and Strategies ?

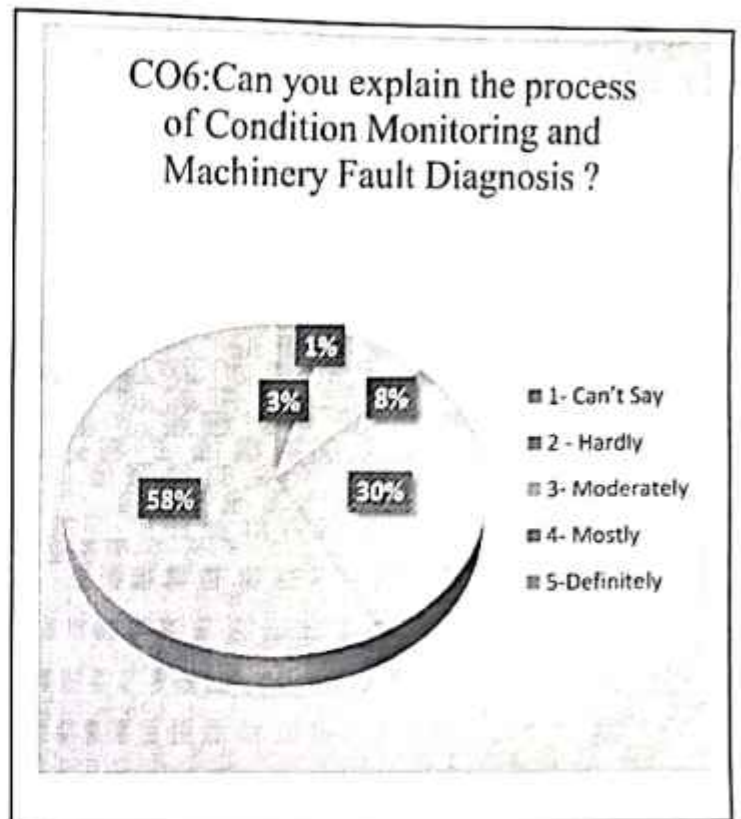


Score	No. of Students	Percentage
Can't say	0	0
Hardly	2	3
Moderately	4	6
Mostly	24	34
Definitely	41	58
	71	100

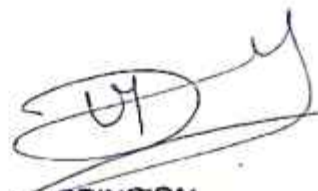
CO5:Have you understood the process of Condition Monitoring and Machinery Fault Diagnosis



Score	No. of Students	Percentage
Can't say	2	3
Hardly	1	1
Moderately	6	8
Mostly	21	30
Definitely	41	58
	71	100




H. D. D. Mechanical Engg. Dept
Saraswati College of Engineering
Kharghar, Navi Mumbai.


PRINCIPAL
Saraswati College of Engineering
Kharghar, Navi Mumbai-410210