



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA



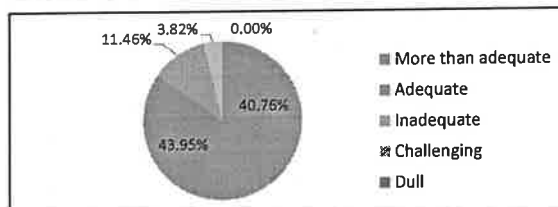
DEPARTMENT OF MECHANICAL ENGINEERING

Students Feedback on Curriculum, Teaching & Learning for A.Y. 2023-24

Total N.o of Responses: 157

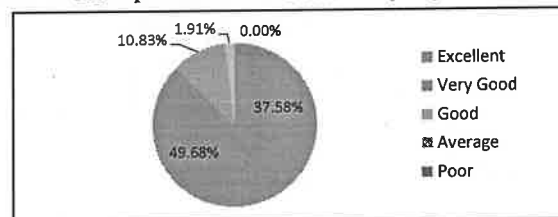
1 The Syllabus of each course was

Syllabus	Count	Percentage
More than adequate	64	40.76%
Adequate	69	43.95%
Inadequate	18	11.46%
Challenging	6	3.82%
Dull	0	0.00%



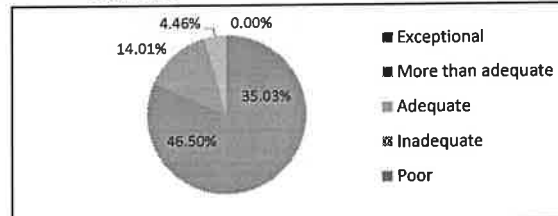
2 The depth of the course content is adequate in relation to the expected Course Outcomes(COs)

	Count	Percentage
Excellent	59	37.58%
Very Good	78	49.68%
Good	17	10.83%
Average	3	1.91%
Poor	0	0.00%



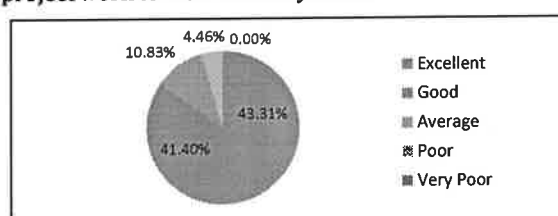
3 Opinion about library/textbooks/E-learning resources and facilities on the course

	Count	Percentage
Exceptional	55	35.03%
More than adequate	73	46.50%
Adequate	22	14.01%
Inadequate	7	4.46%
Poor	0	0.00%



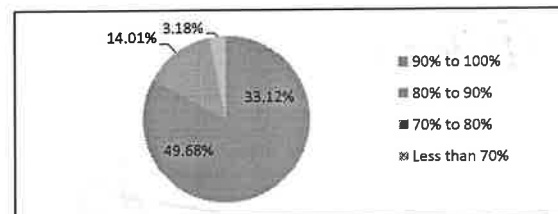
4 Knowledge/Skills acquired from theory/practical/project work to meet industry needs

	Count	Percentage
Excellent	68	43.31%
Good	65	41.40%
Average	17	10.83%
Poor	7	4.46%
Very Poor	0	0.00%



5 Syllabus coverage with proper sequencing

	Count	Percentage
90% to 100%	52	33.12%
80% to 90%	78	49.68%
70% to 80%	22	14.01%
Less than 70%	5	3.18%





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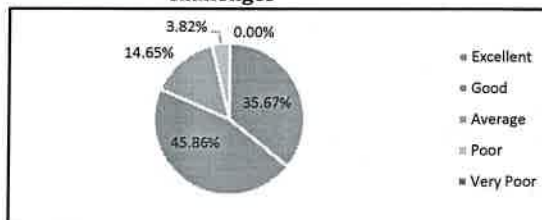
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Students Feedback on Curriculum, Teaching & Learning for A.Y. 2023-24

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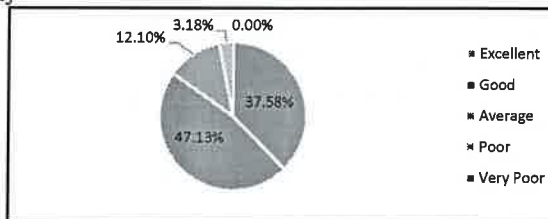
6 Syllabus equipped with necessary technical skills to meet industrial challenges

	Count	Percentage
Excellent	56	35.67%
Good	72	45.86%
Average	23	14.65%
Poor	6	3.82%
Very Poor	0	0.00%



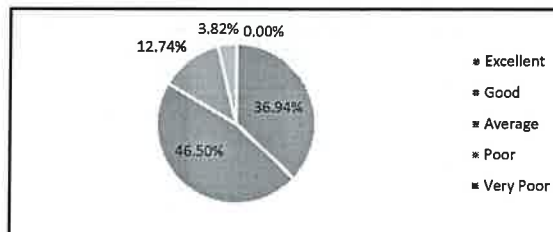
7 Relevance of course contents in the program of study

	Count	Percentage
Excellent	59	37.58%
Good	74	47.13%
Average	19	12.10%
Poor	5	3.18%
Very Poor	0	0.00%



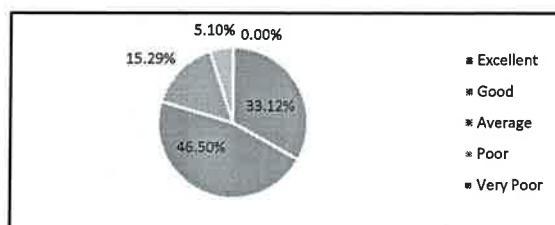
8 Process of Internal & External Assessment

	Count	Percentage
Excellent	58	36.94%
Good	73	46.50%
Average	20	12.74%
Poor	6	3.82%
Very Poor	0	0.00%



9 Provision for self learning/project based learning

	Count	Percentage
Excellent	52	33.12%
Good	73	46.50%
Average	24	15.29%
Poor	8	5.10%
Very Poor	0	0.00%




Signature of Co-Ordinator


PRINCIPAL
Madanapalle Institute of
Technology & Science
MADANAPALLE


Head of the Department
Mechanical Engineering
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325



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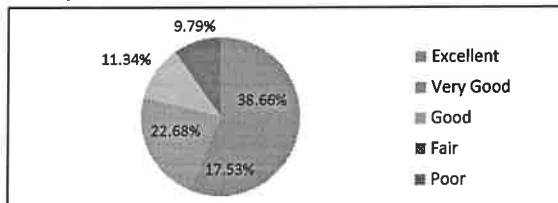
DEPARTMENT OF MECHANICAL ENGINEERING

Student Feedback on Facilities for A.Y. 2023-24

Total N.o of Responses: 194

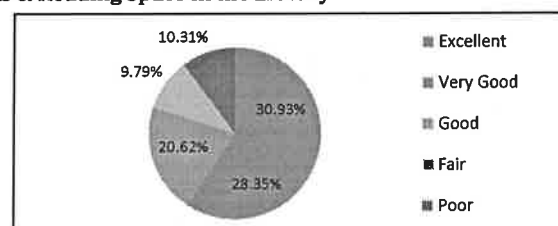
1 Rate the level of satisfaction with the cataloging and arrangement of books in the Library

	Count	Percentage
Excellent	75	38.66%
Very Good	34	17.53%
Good	44	22.68%
Fair	22	11.34%
Poor	19	9.79%



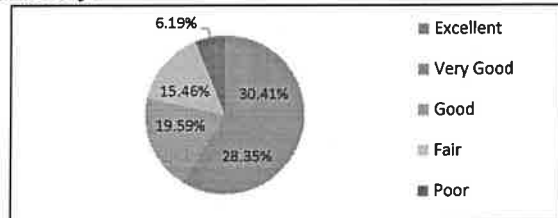
2 Rate the level of satisfaction with the available Books & Reading Space in the Library

	Count	Percentage
Excellent	60	30.93%
Very Good	55	28.35%
Good	40	20.62%
Fair	19	9.79%
Poor	20	10.31%



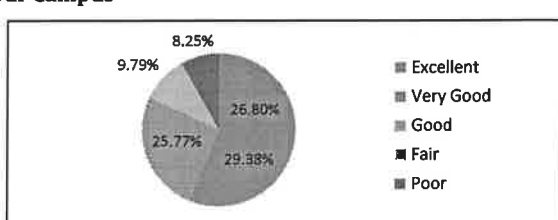
3 Rate the number of titles in subject availability in the Library:

	Count	Percentage
Excellent	59	30.41%
Very Good	55	28.35%
Good	38	19.59%
Fair	30	15.46%
Poor	12	6.19%



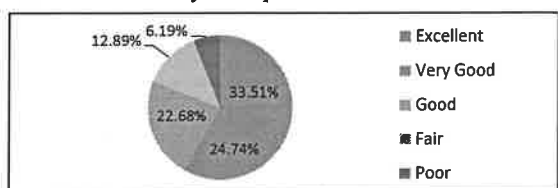
4 Rate the services of Book Store / Xerox facilities on our Campus

	Count	Percentage
Excellent	52	26.80%
Very Good	57	29.38%
Good	50	25.77%
Fair	19	9.79%
Poor	16	8.25%



5 Rate the availability of computers in the computer center as and when you require

	Count	Percentage
Excellent	65	33.51%
Very Good	48	24.74%
Good	44	22.68%
Fair	25	12.89%
Poor	12	6.19%





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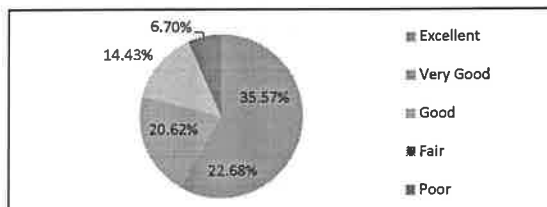
DEPARTMENT OF MECHANICAL ENGINEERING

Student Feedback on Facilities for A.Y. 2023-24

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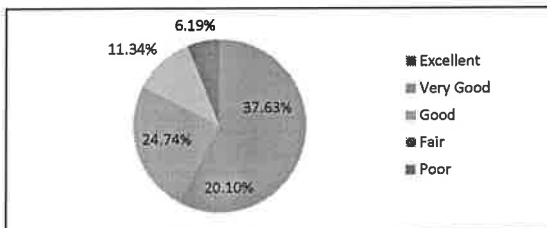
6 Rate the availability of educational online resources in the Library

	Count	Percentage
Excellent	69	35.57%
Very Good	44	22.68%
Good	40	20.62%
Fair	28	14.43%
Poor	13	6.70%



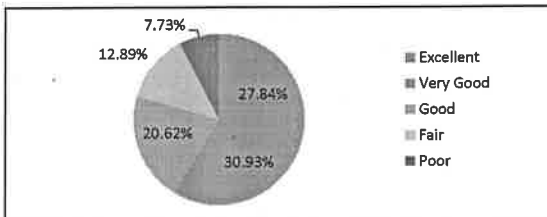
7 Rate the ambiance of classrooms and laboratories in the department

	Count	Percentage
Excellent	73	37.63%
Very Good	39	20.10%
Good	48	24.74%
Fair	22	11.34%
Poor	12	6.19%



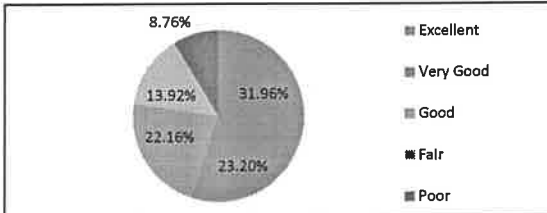
8 Rate the cleanliness of washrooms

	Count	Percentage
Excellent	54	27.84%
Very Good	60	30.93%
Good	40	20.62%
Fair	25	12.89%
Poor	15	7.73%



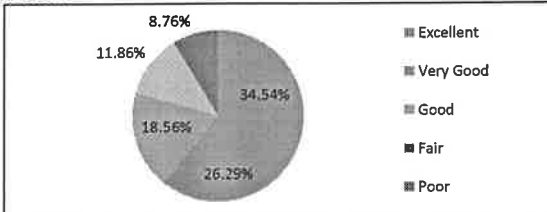
9 Rate the RO drinking water facility available on campus

	Count	Percentage
Excellent	62	31.96%
Very Good	45	23.20%
Good	43	22.16%
Fair	27	13.92%
Poor	17	8.76%



10 Rate the level of satisfaction with food served in the present canteen

	Count	Percentage
Excellent	67	34.54%
Very Good	51	26.29%
Good	36	18.56%
Fair	23	11.86%
Poor	17	8.76%





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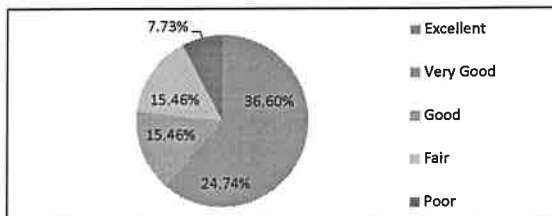
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Student Feedback on Facilities for A.Y. 2023-24

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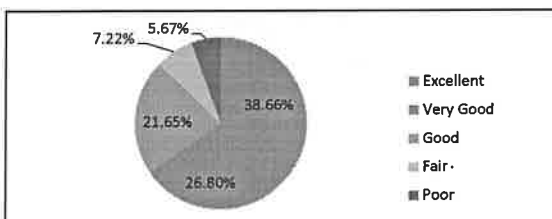
11 Rate the student clubs on campus

	Count	Percentage
Excellent	71	36.60%
Very Good	48	24.74%
Good	30	15.46%
Fair	30	15.46%
Poor	15	7.73%



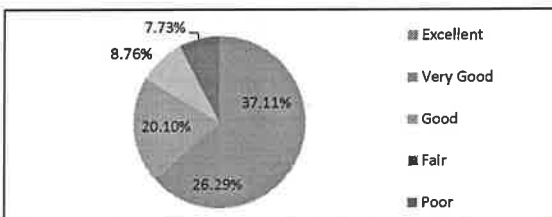
12 Rate the Student Welfare Office's helpfulness

	Count	Percentage
Excellent	75	38.66%
Very Good	52	26.80%
Good	42	21.65%
Fair	14	7.22%
Poor	11	5.67%



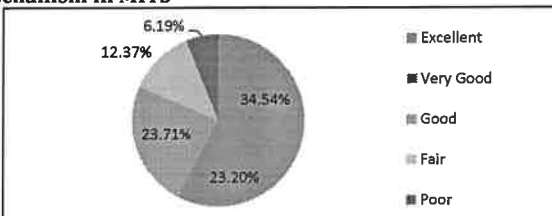
13 Rate your view on social services offered by MITS

	Count	Percentage
Excellent	72	37.11%
Very Good	51	26.29%
Good	39	20.10%
Fair	17	8.76%
Poor	15	7.73%



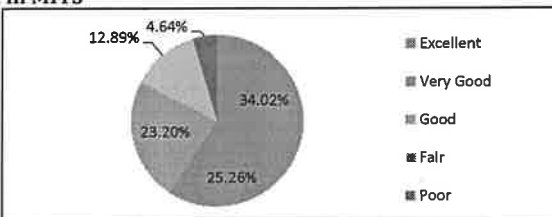
14 Rate your opinion on the grievance and redressal mechanism in MITS

	Count	Percentage
Excellent	67	34.54%
Very Good	45	23.20%
Good	46	23.71%
Fair	24	12.37%
Poor	12	6.19%



15 Rate the functioning of the Training & Placement Cell in MITS

	Count	Percentage
Excellent	66	34.02%
Very Good	49	25.26%
Good	45	23.20%
Fair	25	12.89%
Poor	9	4.64%





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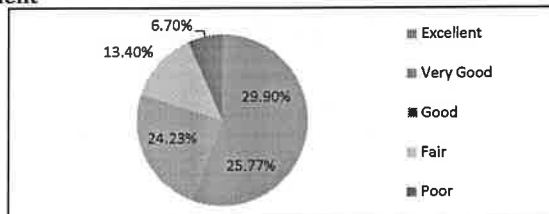
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Student Feedback on Facilities for A.Y. 2023-24

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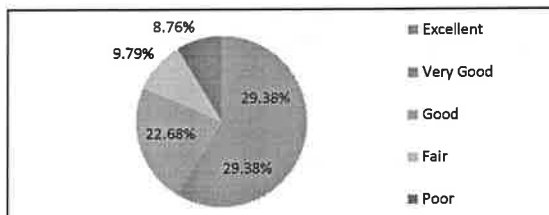
16 16. Rate the working condition of laboratory equipment

	Count	Percentage
Excellent	58	29.90%
Very Good	50	25.77%
Good	47	24.23%
Fair	26	13.40%
Poor	13	6.70%



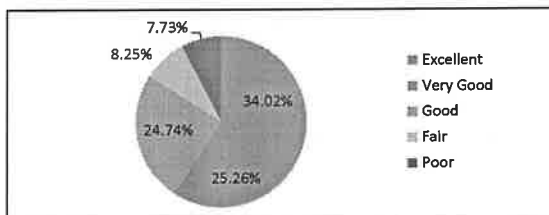
17 Rate the NSS / NCC activities of MITS

	Count	Percentage
Excellent	57	29.38%
Very Good	57	29.38%
Good	44	22.68%
Fair	19	9.79%
Poor	17	8.76%



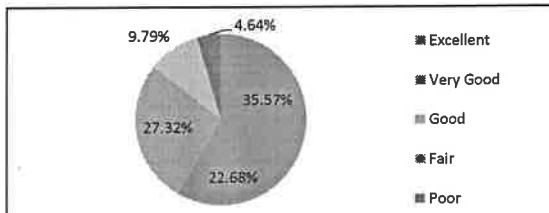
18 Rate the hostel facilities in MITS

	Count	Percentage
Excellent	66	34.02%
Very Good	49	25.26%
Good	48	24.74%
Fair	16	8.25%
Poor	15	7.73%



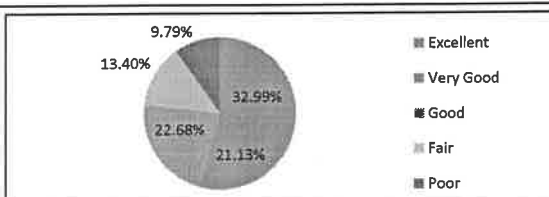
19 Rate the medical facilities on the MITS campus

	Count	Percentage
Excellent	69	35.57%
Very Good	44	22.68%
Good	53	27.32%
Fair	19	9.79%
Poor	9	4.64%



20 Rate the transportation facilities in MITS

	Count	Percentage
Excellent	64	32.99%
Very Good	41	21.13%
Good	44	22.68%
Fair	26	13.40%
Poor	19	9.79%





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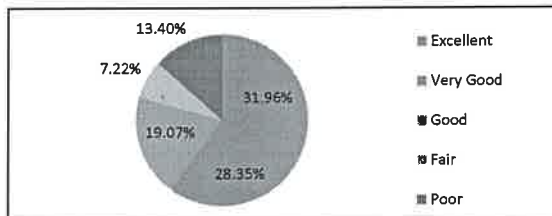
DEPARTMENT OF MECHANICAL ENGINEERING

Student Feedback on Facilities for A.Y. 2023-24

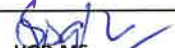
Total N.o of Responses: 194

21 Rate the Sports facilities in MITS

	Count	Percentage
Excellent	62	31.96%
Very Good	55	28.35%
Good	37	19.07%
Fair	14	7.22%
Poor	26	13.40%




Signature of the Coordinator


HOD-ME


PRINCIPAL
Madanapalle Institute of
Technology & Science
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Head of the Department
Mechanical Engineering
Madanapalle Institute of Technology & Science
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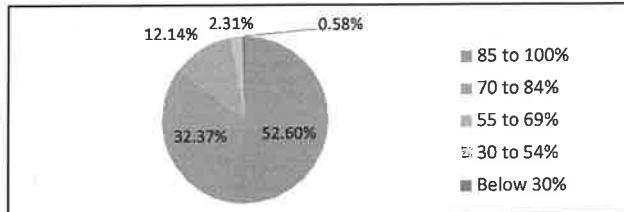
DEPARTMENT OF MECHANICAL ENGINEERING

Feedback on Student Satisfaction Survey (SSS) on Teaching Learning Process for AY 2023-24

Total N.o of Responses: 173

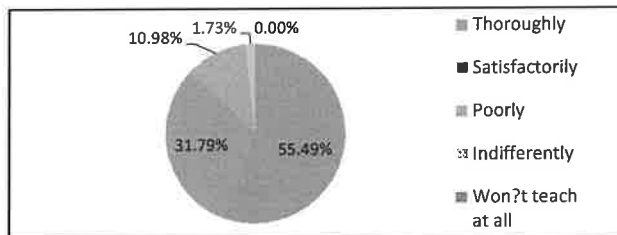
1 How much of the syllabus was covered in the class?

Syllabus	Count	Percentage
85 to 100%	91	52.60%
70 to 84%	56	32.37%
55 to 69%	21	12.14%
30 to 54%	4	2.31%
Below 30%	1	0.58%



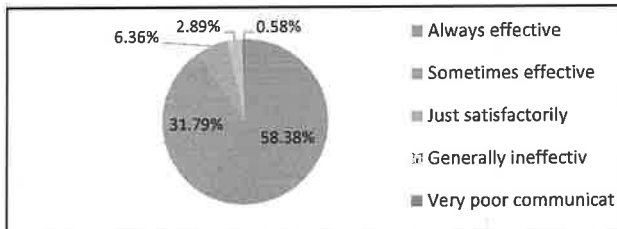
2 How well did the teachers prepare for the classes?

	Count	Percentage
Thoroughly	96	55.49%
Satisfactorily	55	31.79%
Poorly	19	10.98%
Indifferently	3	1.73%
Won't teach at all	0	0.00%



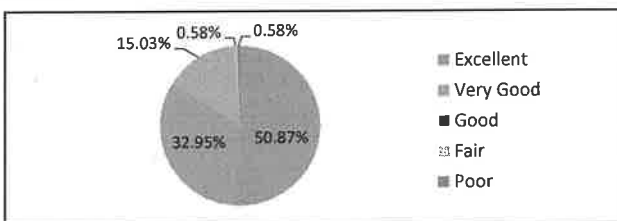
3 How well were the teachers able to communicate?

	Count	Percentage
Always effective	101	58.38%
Sometimes effective	55	31.79%
Just satisfactorily	11	6.36%
Generally ineffectiv	5	2.89%
Very poor communicat	1	0.58%



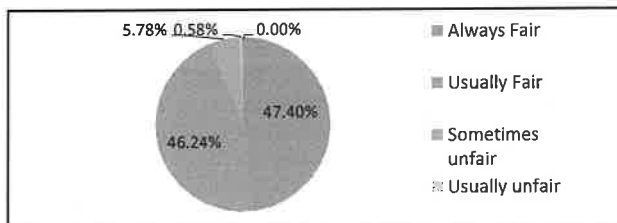
4 The teacher's approach to teaching can best be described as

	Count	Percentage
Excellent	88	50.87%
Very Good	57	32.95%
Good	26	15.03%
Fair	1	0.58%
Poor	1	0.58%



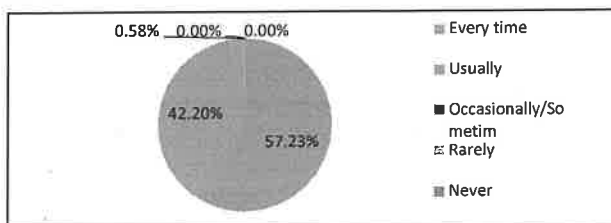
5 Fairness of the internal evaluation process by the teachers

	Count	Percentage
Always Fair	82	47.40%
Usually Fair	80	46.24%
Sometimes unfair	10	5.78%
Usually unfair	1	0.58%
unfair	0	0.00%



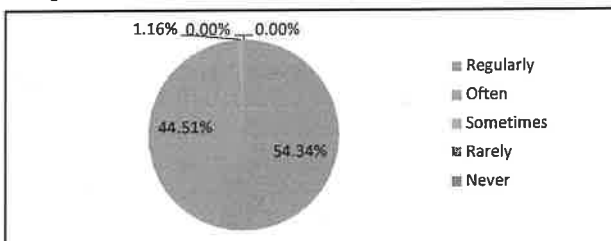
6 Was your performance in assignments discussed with you?

	Count	Percentage
Every time	99	57.23%
Usually	73	42.20%
Occasionally/Sometim	1	0.58%
Rarely	0	0.00%
Never	0	0.00%



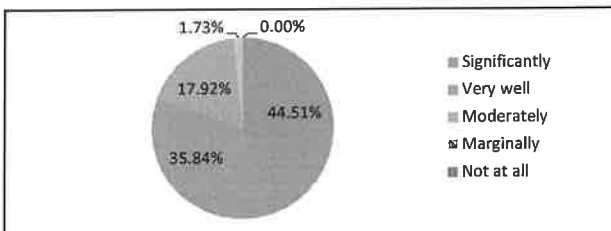
7 The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.

	Count	Percentage
Regularly	94	54.34%
Often	77	44.51%
Sometimes	2	1.16%
Rarely	0	0.00%
Never	0	0.00%



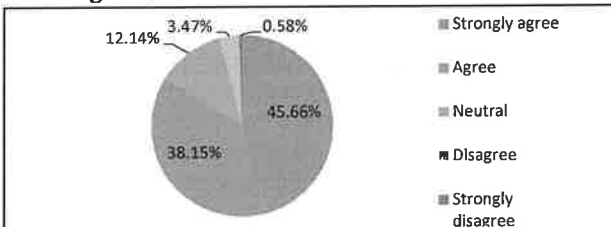
8 The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.

	Count	Percentage
Significantly	77	44.51%
Very well	62	35.84%
Moderately	31	17.92%
Marginally	3	1.73%
Not at all	0	0.00%



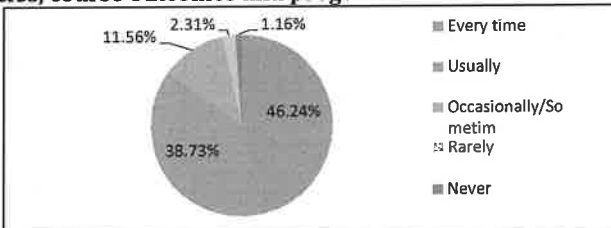
9 The institution provides multiple opportunities to learn and grow.

	Count	Percentage
Strongly agree	79	45.66%
Agree	66	38.15%
Neutral	21	12.14%
Disagree	6	3.47%
Strongly disagree	1	0.58%



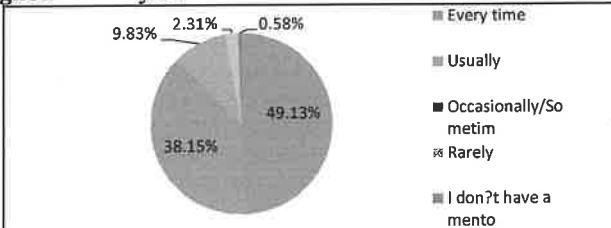
10 Teachers inform you about your expected competencies, course outcomes and programme outcomes.

	Count	Percentage
Every time	80	46.24%
Usually	67	38.73%
Occasionally/Sometim	20	11.56%
Rarely	4	2.31%
Never	2	1.16%



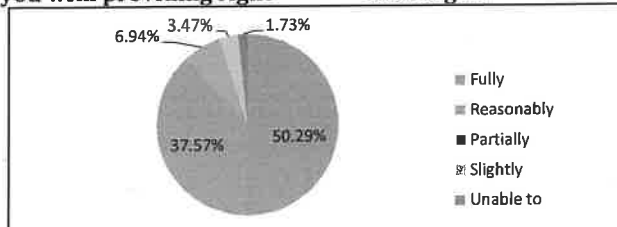
11 Your mentor does a necessary follow-up with an assigned task to you.

	Count	Percentage
Every time	85	49.13%
Usually	66	38.15%
Occasionally/Sometim	17	9.83%
Rarely	4	2.31%
I don't have a mento	1	0.58%



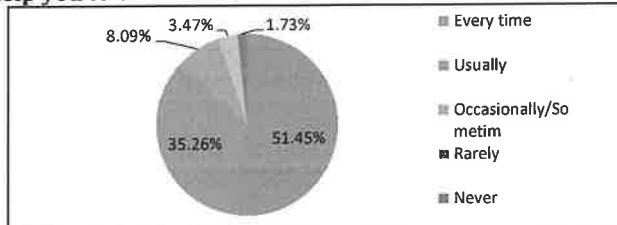
12 The teachers identify your strengths and encourage you with providing right level of challenges.

	Count	Percentage
Fully	87	50.29%
Reasonably	65	37.57%
Partially	12	6.94%
Slightly	6	3.47%
Unable to	3	1.73%



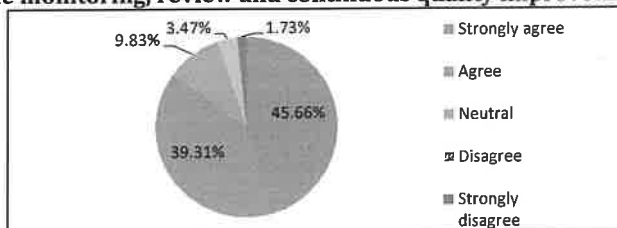
13 Teachers are able to identify your weaknesses and help you to overcome them.

	Count	Percentage
Every time	89	51.45%
Usually	61	35.26%
Occasionally/Sometim	14	8.09%
Rarely	6	3.47%
Never	3	1.73%



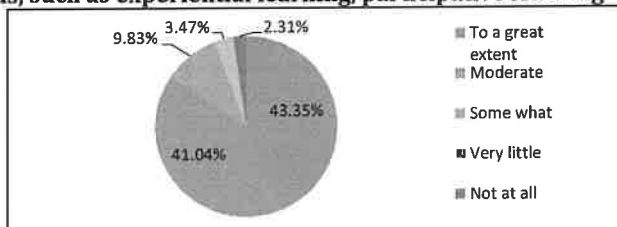
14 The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the

	Count	Percentage
Strongly agree	79	45.66%
Agree	68	39.31%
Neutral	17	9.83%
Disagree	6	3.47%
Strongly disagree	3	1.73%



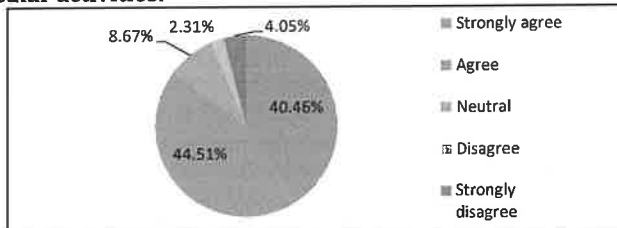
15 The institution/ teachers use student centric methods, such as experiential learning, participative learning and

	Count	Percentage
To a great extent	75	43.35%
Moderate	71	41.04%
Some what	17	9.83%
Very little	6	3.47%
Not at all	4	2.31%



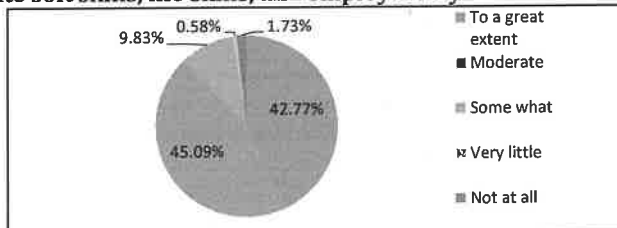
16 Teachers encourage you to participate in extracurricular activities.

	Count	Percentage
Strongly agree	70	40.46%
Agree	77	44.51%
Neutral	15	8.67%
Disagree	4	2.31%
Strongly disagree	7	4.05%



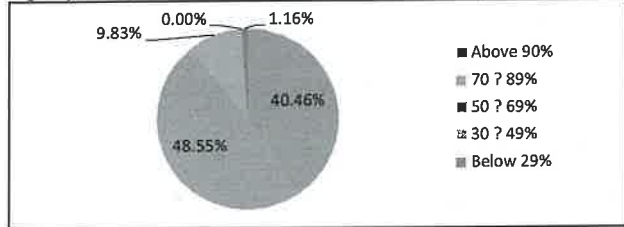
17 Efforts are made by the institute/teachers to inculcate soft skills, life skills, and employability skills to make you

	Count	Percentage
To a great extent	74	42.77%
Moderate	78	45.09%
Some what	17	9.83%
Very little	1	0.58%
Not at all	3	1.73%



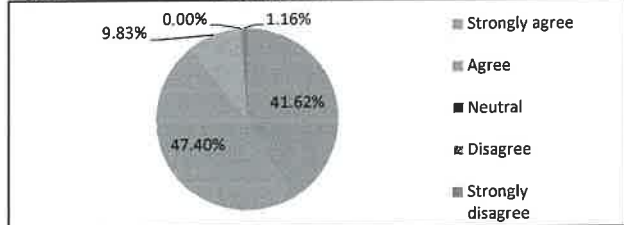
18 What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.

	Count	Percentage
Above 90%	70	40.46%
70 ? 89%	84	48.55%
50 ? 69%	17	9.83%
30 ? 49%	0	0.00%
Below 29%	2	1.16%



19 The overall quality of the teaching-learning process in your institute is very good.

	Count	Percentage
Strongly agree	72	41.62%
Agree	82	47.40%
Neutral	17	9.83%
Disagree	0	0.00%
Strongly disagree	2	1.16%




Signature of the Coordinator


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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH,CST), MBA & MCA



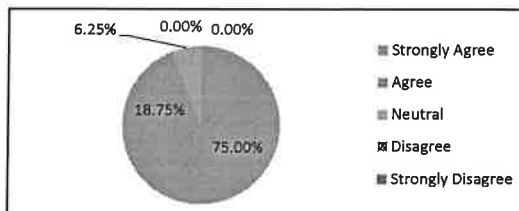
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on Curriculum, Teaching & Learning from for A.Y. 2023-24

Total N.o of Responses: 16

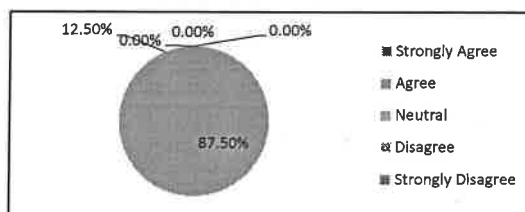
1 The curriculum has been updated from time to time.

	Count	Percentage
Strongly Agree	12	75.00%
Agree	3	18.75%
Neutral	1	6.25%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



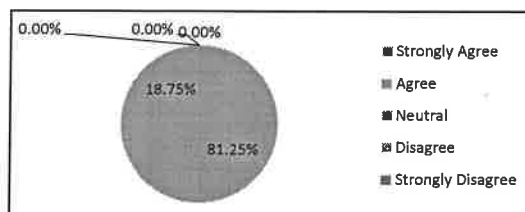
2 The system followed by the college for the design and development of curriculum is effective.

	Count	Percentage
Strongly Agree	14	87.50%
Agree	2	12.50%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



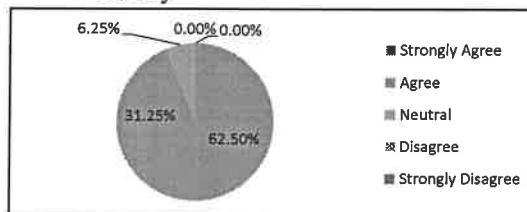
3 Employability is given weightage in curriculum design and development.

	Count	Percentage
Strongly Agree	13	81.25%
Agree	3	18.75%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



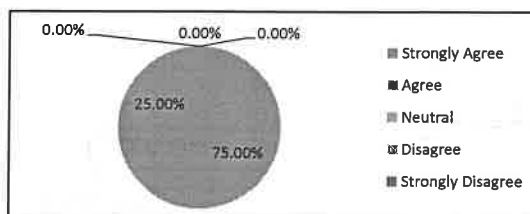
4 Sufficient number of prescribed books are available in the library

	Count	Percentage
Strongly Agree	10	62.50%
Agree	5	31.25%
Neutral	1	6.25%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



5 I have freedom to adopt modern ICT Tools & Techniques for effective course delivery

	Count	Percentage
Strongly Agree	12	75.00%
Agree	4	25.00%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%





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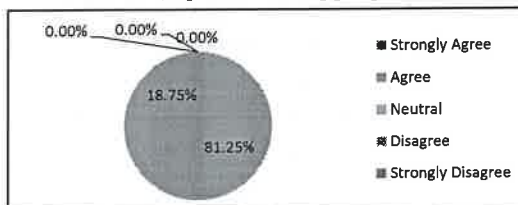
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on Curriculum, Teaching & Learning from for A.Y. 2023-24

Total N.o of Responses: 16

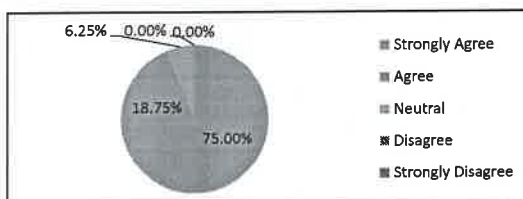
6 The books prescribed/listed as reference materials are relevant, updated and appropriate

	Count	Percentage
Strongly Agree	13	81.25%
Agree	3	18.75%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



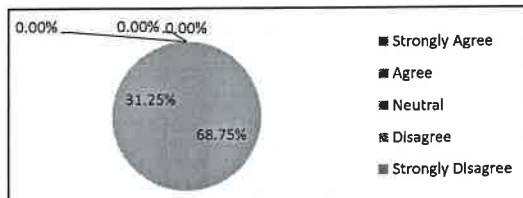
7 Board of studies is actively involving to ensure the relevance of the programme offered in the department.

	Count	Percentage
Strongly Agree	12	75.00%
Agree	3	18.75%
Neutral	1	6.25%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



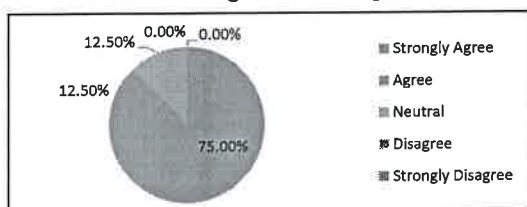
8 Representation from industry in Boards of studies is helpful in designing and improving the syllabi based on latest technological evolution

	Count	Percentage
Strongly Agree	11	68.75%
Agree	5	31.25%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



9 I am given enough freedom to contribute my ideas on curriculum design and development.

	Count	Percentage
Strongly Agree	12	75.00%
Agree	2	12.50%
Neutral	2	12.50%
Disagree	0	0.00%
Strongly Disagree	0	0.00%




Signature of the Co-Ordinator


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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Exit Survey

Programme: B.Tech

Year & Semester: II Year II Semester

A.Y: 2023-24

Below are given some fields specially related to course and effectiveness. You may indicate the extent to which you took advantage of the various learning points of the course. We consider your response highly valuable. You may rate your response as follows on a four point scale. tick mark against your option

1-To a very little extent

2-To a slight extent

3- To a moderate extent

4- To a Great extent

Course Outcomes: At the end of course, the student will be able to	Response rating				Total Responses	Attainment of Cos	
	1	2	3	4		Attainment of Cos	% of Attainment
20HUM101 Economics and Financial Accounting for Engineers							
1.Understand Engineering economics basic concepts.	3	2	12	37	54	0.77	77.02
2.Analyze the concepts of demand, elasticity, supply, Production, Cost Analysis and its	2	3	11	38	54	0.78	77.82
3.Compare different market structures and identify suitable market,	3	2	10	39	54	0.78	77.82
4. Demonstrate an understanding and analyzing the accounting statements, and	3	1	12	38	54	0.78	77.82
5. Demonstrate the ability to apply knowledge of accounting concepts through Financial	3	1	12	38	54	0.78	77.82
20MAT108 PROBABILITY AND STATISTICS							
1. Understand the probability and random variables and its applications in mechanical	3	4	11	36	54	0.76	75.81
2. Get the importance of and discrete and continuous probability distributions in	2	7	10	35	54	0.75	75.00
3.Solve real time problems in Reliability engineering and study about joint probability	3	5	10	36	54	0.75	75.40
4. Apply classical inference involving confidence intervals and hypothesis testing in	3	5	9	37	54	0.76	75.81
5.Analyze the statistical experimental designs	3	4	10	37	54	0.76	76.21
20ME106 MECHANICS OF SOLIDS							
1.Estimate the fundamental stresses, strains, and principal stresses by analytical and Mohr's	4	1	6	43	54	0.79	79.03
2. Analyze the distribution of shear force and bending moment for various types of beams	2	3	4	45	54	0.81	80.65
3. Evaluate bending stresses in beams and calculate the deflection and slope of beams with	3	2	6	43	54	0.79	79.44
4.Design shafts for pure torsion.	2	4	5	43	54	0.79	79.44
5. Analyze the elastic stability of flexible columns.	3	3	5	43	54	0.79	79.03
20ME107 THEORY OF MACHINES							
1.Identify the different mechanisms and their inversions in real life applications	2	3	8	41	54	0.79	79.03

2. Calculate the velocity and acceleration of simple mechanisms by graphical methods.	1	3	8	42	54	0.80	80.24
3. Understand the principle of working of a gyroscope and governors; and classify gears and	3	1	12	38	54	0.78	77.82
4. Estimate the unbalance mass in rotating machines using analytical and graphical methods	1	3	9	41	54	0.80	79.84
5. To study the free and forced vibrations of single degree freedom systems.	4	1	10	39	54	0.77	77.42
20ME108 MANUFACTURING TECHNOLOGY- I							
1. Selection of suitable manufacturing process for a given product by pattern making,	4	3	9	38	54	0.76	76.21
2. Selection of metal joining process for different metal using different welding techniques	1	5	9	39	54	0.78	78.23
3. Production of components on sheet metal by using processes like blanking, piercing,	2	4	12	36	54	0.77	76.61
4. Compare cold working and hot working processes using rolling, extrusion process, rolling	2	4	11	37	54	0.77	77.02
5. Making products from powder form by employing different techniques.	3	2	11	38	54	0.77	77.42
20ME205 MANUFACTURING TECHNOLOGY-- I LABORATORY							
1. Produce real time casting on their own.	3	2	8	41	54	0.79	78.63
2. Prepare various joints by using various welding process	2	2	8	42	54	0.80	79.84
3. Perform blanking, piercing and forming operations on the sheet metal.	1	3	10	40	54	0.79	79.44
4. Prepare bottle with cape by using injection and vacuum forming.	3	2	9	40	54	0.78	78.23
5. Bend a pipe to the required angle.	3	2	9	40	54	0.78	78.23
20ME206 MECHANICS OF SOLIDS LABORATORY							
1. Evaluate hardness value for various materials using Rockwell hardness tester	3	2	7	42	54	0.79	79.03
2. Plot the stress strain curve of a ductile material under tensile and compressive load	2	3	7	42	54	0.79	79.44
3. Calculate the slope and deflection of simply supported beam under point load	2	2	10	40	54	0.79	79.03
4. Experiment on a spring to interpret the stiffness and shear modulus.	3	1	8	42	54	0.79	79.44
5. Apply the concept of impact loading and to determine impact values for various	2	2	9	41	54	0.79	79.44
20ME207 DYNAMICS AND ELECTRICAL MACHINES LABORATORY							
1. Analyze the motion and response of free, forced and damped vibration systems	3	2	8	41	54	0.79	78.63
2. Experiment with the static and dynamic balancing of rotating mass system	2	2	7	43	54	0.80	80.24
3. Assess the effect of Gyroscopic couple in a dynamic body.	1	4	8	41	54	0.79	79.44
4. Examine the phenomenon of whirling in shafts.	2	3	6	43	54	0.80	79.84
5. Experiment with Governors and cam-follower systems.	2	3	8	41	54	0.79	79.03
20HUM901 INDIAN CONSTITUTION							
1. Understand the functions of the Indian government.	3	2	7	42	54	0.79	79.03
2. Understand and abide the rules of the Indian constitution.	0	5	8	41	54	0.80	79.84

20ENG601 CORPORATE COMMUNICATION LABORATORY							
1.Read articles from magazines and newspapers	3	1	10	40	54	0.79	78.63
2.Participate effectively in informal conversations	1	3	6	44	54	0.81	81.05
3.Introduce themselves and their friends and express opinions in English	2	2	8	42	54	0.80	79.84
4.Comprehend conversations and short talks delivered in English	2	2	6	44	54	0.81	80.65
5.Write short essays of a general kind, draft Reports and personal letters and emails in	1	3	10	40	54	0.79	79.44

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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
Course Exit Survey

Programme: B.Tech

Year & Semester: III Year II Semester

A.Y: 2023-24

Below are given some fields specially related to course and effectiveness. You may indicate the extent to which you took advantage of the various learning points of

1-To a very little extent

2-To a slight extent

3- To a moderate extent

4- To a Great extent

Course Outcomes: At the end of course, the student will be able to	Response rating				Total Responses	Attainment of Cos	
	1	2	3	4		Attainment	% of Attainment
20ME112 CAD/CAM							
1. Learn to manipulate the objects by using various transformations techniques.	3	6	15	39	63	0.86	85.71
2. Create surface entities and solid models using various CAD techniques	3	6	14	40	63	0.86	86.11
3.To demonstrate a basic and advanced understanding of NC, CNC and DNC strategies	3	6	14	40	63	0.86	86.11
4. To demonstrate an ability to set-up, write part program using G- Codes and M- Codes	3	5	19	36	63	0.85	84.92
5. State the applications of FEM in various engineering fields	3	5	17	38	63	0.86	85.71
20ME113 AUTOMATION AND ROBOTICS							
1. Demonstrate knowledge of Robotics and learning the design of such systems	3	4	21	35	63	0.85	84.92
2. Demonstrate Cognitive skills (thinking and analysis)	3	4	18	38	63	0.86	86.11
3.Link the scientific concepts they are learning with real applications by giving live	3	4	20	36	63	0.85	85.32
4. Understand the practical importance of Robot in industry and is of importance also for	2	5	19	37	63	0.86	86.11
20ME114 MACHINE LEARNING FOR MECHANICAL ENGINEERS							
1. Import various available datasets and determine the statistical parameters of the data.	6	4	16	37	63	0.83	83.33
2. The students will also be able to clean and normalize the data and present the data	5	4	15	39	63	0.85	84.92
3. Apply linear regression to quantify the relationship between one or more predictor	5	6	14	38	63	0.84	83.73
4. Apply the KNN techniques for classification and classify new cases based on a similarity	5	7	11	40	63	0.84	84.13
5. Apply support vector machine algorithm for classification and regression problems.	5	4	16	38	63	0.85	84.52

20HUM902*UNIVERSAL HUMAN VALUES							
1.. Understood the natural acceptance in human being as the innate acceptance.	8	5	18	32	63	0.79	79.37
2. More aware of themselves	6	6	15	36	63	0.82	82.14
3.Maintain harmony with family and society by recognizing Harmony in Human-Human Relationship	7	5	18	33	63	0.81	80.56
4.Try to get Harmony in the Nature and Existence by realizing existence as Coexistence	4	6	16	37	63	0.84	84.13
5.More responsible in life, and in handling problems with sustainable solutions, while keeping human relationships and human nature in mind with better critical ability.	5	6	18	34	63	0.82	82.14

20ME211 ROBOTICS LABORATORY							
1..The student will be able to weather monitoring using IoT programming logic. Student will	4	6	11	42	63	0.86	86.11
2. Students will learn the concepts and working of soil moisture sensor. They will be able to	4	5	14	42	65	0.89	88.89
3.Students will learn DTMF Decoder and its working and also detect DTMF tones using	3	5	10	45	63	0.88	88.49
4.The student will be able to learn the placement and connection of IR sensors in	3	3	13	44	63	0.89	88.89
5. Students will learn accelerometers and their working. They will also learn to interface	3	3	11	46	63	0.90	89.68

20ME212 ENGINEERING METROLOGY AND MEASUREMENTS							
1.Measure the gear tooth dimensions, angle using sine bar, straightness and flatness,	6	3	15	39	63	0.85	84.52
2. Calibrate the Vernier, micrometre and slip gauges and setting up the comparator for	5	4	16	38	63	0.85	84.52
3. Apply knowledge of metrology and machine tools for practical applications.	5	3	17	38	63	0.85	84.92
	5	3	13	42	63	0.87	86.51

20ME603 COMPUTER MODELING FOR MECHANICAL ENGINEERING-II							
1. Carry out FEM analysis of machine elements and structures.	3	6	15	39	63	0.86	85.71
2. Calculate stresses and strains due to tensile, compressive and bending loads.	3	7	16	37	63	0.85	84.52

3. Simulate stresses under fatigue and transient loading conditions.	4	4	17	38	63	0.85	85.32
4. Calculate frequency response and mode shape of machine elements and structures	4	3	21	35	63	0.85	84.52
5. Design new products considering load and boundary constraints, selection of proper	4	4	16	39	63	0.86	85.71

20ME211 ROBOTICS LABORATORY							
1..The student will be able to weather monitoring using IoT programming logic. Student will	5	3	16	39	63	0.85	85.32
2. Students will learn the concepts and working of soil moisture sensor. They will be able to	3	5	17	38	63	0.86	85.71
3.Students will learn DTMF Decoder and its working and also detect DTMF tones using	3	4	18	38	63	0.86	86.11
4.The student will be able to learn the placement and connection of IR sensors in	3	4	19	37	63	0.86	85.71
5. Students will learn accelerometers and their working. They will also learn to interface	3	4	15	41	63	0.87	87.30

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MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS)

DEPARTMENT OF MECHANICAL ENGINEERING

Course Exit Survey

Programme: B.Tech

Year & Semester: IV Year II Semester

A.Y: 2023-24

Below are given some fields specially related to course and effectiveness. You may indicate the extent to which you took advantage of the various learning points of the course. We consider your

1-To a very little extent

2-To a slight extent

3- To a moderate extent

4- To a Great extent

Course Outcomes: At the end of course, the student will be able to	Response rating				Total Responses	Attainment of Cos	
	1	2	3	4		Attainment of Cos	% of Attainment
20ME703-Project Work and Internship							
1.Prepare a detailed review of literature on topics within the discipline as well as other disciplines, as necessary for undertaking a given problem	25	15	54	120	214	0.81	81.43
2.Formulate the requirements in engineering terms when given the general objectives of a task.	21	22	47	124	214	0.82	82.01
3.Use advanced techniques and computer aided tools in performing engineering tasks.	23	13	55	123	214	0.82	82.48
4.Apply in depth understanding of concepts learned during the coursework to critically analyze a problem and create optimum designs by taking appropriate decisions where needed	21	17	50	122	210	0.81	80.96
5.Communicate effectively the results of an engineering study both through a written report as well as an oral presentation and slideshow	18	21	61	114	214	0.82	81.66
6.Work within a team of members belonging to one or more disciplines exhibiting leadership qualities where necessary.	21	20	47	126	214	0.82	82.48

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DEPARTMENT OF MECHANICAL ENGINEERING

Course Exit Survey

Programme: B.Tech

Year & Semester: II Year I Semester

A.Y: 2023-24

Below are given some fields specially related to course and effectiveness. You may indicate the extent to which you took advantage of the various learning points of the course. We consider your

1-To a very little extent

2-To a slight extent

3- To a moderate extent

4- To a Great extent

Course Outcomes: At the end of course, the student will be able to	Response rating				Total Responses	Attainment of Cos	
	1	2	3	4		Attainment of Cos	% of Attainment
20MAT103 NUMERICAL METHODS							
1. Solve the system of algebraic and transcendental equations.	4	3	16	31	54	0.84	84.26
2. Interpolate the equal and unequal spaced arguments of function.	2	9	18	25	54	0.81	80.56
3. Apply the numerical techniques to find derivatives and integrals in the field of	4	8	10	32	54	0.82	82.41
4. Find the approximate numerical solutions to ordinary differential equations representing	3	2	18	31	54	0.86	85.65
5. Estimate the model parameters using the principles of least squares to a curve of best fit	3	4	16	31	54	0.85	84.72
20ME102 ENGINEERING MECHANICS							
1. Solve the engineering problems in case of equilibrium conditions.	4	3	15	32	54	0.85	84.72
2. Calculate the reaction forces of various supports of different structures and frictions.	4	5	20	25	54	0.81	80.56
3. Determine centroid, center of gravity and moment of inertia of various surfaces and	3	8	17	26	54	0.81	80.56
4. Calculate the characteristics of a particles subjected to a given motion	4	6	16	28	54	0.81	81.48
5. Solve the problems involving dynamics of rigid bodies	4	3	16	31	54	0.84	84.26
20ME103 BASIC THERMODYNAMICS							
1. Define the fundamentals of the zeroth and first laws of thermodynamics and explain their	5	11	12	26	54	0.77	77.31
2. Apply the properties of steam to design steam systems.	6	7	17	24	54	0.77	77.31
3. Apply the second law of thermodynamics for the design of heat engine, heat pump and	5	8	15	26	54	0.79	78.70
4. Explain the cycles on which IC engines, Gas turbines and refrigerator works.	5	8	21	20	54	0.76	75.93
5. Explain the importance of Tds relations and be able to use psychometric charts for the	5	11	12	26	54	0.77	77.31
20ME104 MATERIALS SCIENCE AND ENGINEERING							
1. To develop deep knowledge of crystal structure and effect of structure on the properties	6	9	15	24	54	0.76	76.39
2. To understand various imperfections in crystal, dislocation mechanisms and diffusion	8	7	19	20	54	0.74	73.61
3. Student will be able understand various mechanical properties of materials and its testing	7	10	13	24	54	0.75	75.00
4. To understand the concept of phases and to construct the equilibrium diagrams, Fe-Fe3C	5	8	17	24	54	0.78	77.78
5. To recognize the properties and applications of nonmetallic materials and Ferrous	6	8	15	25	54	0.77	77.31
20ME105 FLUID MECHANICS AND HYDRAULIC MACHINERY							
1. Interpret the properties of fluids and their applications, determine differential pressure	6	8	9	31	54	0.80	80.09



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2. Distinguish between a system and control volume approach and will be able to use the	7	5	18	24	54	0.77	77.31
3. Have a clear understanding of internal flow physics and capable of estimating the major	6	5	17	26	54	0.79	79.17
4. Assess the forces acting on vanes with varied geometries and point of jet impact Further,	8	3	12	31	54	0.81	80.56
5. Differentiate different pumps and calculate their performance characteristics.	5	6	17	26	54	0.80	79.63
20ME202 MATERIALS SCIENCE AND ENGINEERING LABORATORY							
1. The student will obtain knowledge on the microstructural analysis of various metals and	4	5	10	35	54	0.85	85.19
2. This lab enables the student to select an analytical technique to evaluate and analyze the	4	6	11	33	54	0.84	83.80
3. Ability to perform different heat treatment operation and characterize the	5	3	11	35	54	0.85	85.19
4. Perform simple calculations to qualify materials properties and microstructural	4	4	12	34	54	0.85	85.19
5. Synthesis of various ceramic and MMC via powder metallurgy.	3	5	11	35	54	0.86	86.11
20ME203 FLUID MECHANICS AND HYDRAULIC MACHINES LABORATORY							
1. Verify the Bernoulli's theorem for incompressible flows.	5	7	13	29	54	0.81	80.56
2. Determine the co-efficient of discharge for a flow measuring devices like Venturimeter	3	9	14	28	54	0.81	81.02
3. Determine the co-efficient of vanes like flat and curved vanes.	3	8	14	29	54	0.82	81.94
4. Determine the performance and draw operating characteristic curves for Pelton wheel,	4	7	11	32	54	0.83	82.87
5. Determine the loss of head in pipe lines due to friction, sudden contraction,	4	6	12	32	54	0.83	83.33
20ME204 3-D MODELING LABORATORY							
1. Identify of different types of bolts, nuts, welding joints screw threads, keys and fasteners.	6	5	15	28	54	0.80	80.09
2. Visualize and prepare detail drawing of a given object.	5	9	13	27	54	0.79	78.70
3. Draw details and assembly of mechanical systems.	5	6	13	30	54	0.81	81.48
4. Read and interpret given drawing.	4	6	13	31	54	0.83	82.87
5. Create 3-D models using any standard CAD software.	3	8	12	31	54	0.83	82.87
20ME601 DESIGN THINKING AND PRODUCT INNOVATION LABORATORY							
1. Grasp the fundamental capabilities in the methods used for practicing Design Thinking	7	3	12	31	53	0.80	80.09
2. Understand challenges and benefits of Design Thinking	5	7	15	27	54	0.80	79.63
3. Communicate clearly about Design Thinking	5	6	15	28	54	0.81	80.56
4. Innovate in multidisciplinary teams	5	8	14	27	54	0.79	79.17
5. Have a process and mindset suited to innovation and creative problem-solving	3	9	13	29	54	0.81	81.48
20CHE901 ENVIRONMENTAL SCIENCE							
1. Ability to understand the natural environment, its relationship with human activities and	5	6	13	30	54	0.81	81.48
2. The knowledge of various ecosystems and their importance along with the concepts of	5	5	15	29	54	0.81	81.48
3. Familiarity with biodiversity, its importance and the measures for the conservation of	3	8	12	31	54	0.83	82.87
4. The knowledge about the causes, effects and controlling methods for environmental	4	5	15	30	54	0.83	82.87
5. Awareness about the sustainable development, environmental ethics, social issues arising	4	7	13	30	54	0.82	81.94

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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DEPARTMENT OF MECHANICAL ENGINEERING

Course Exit Survey

Programme: B.Tech

Year & Semester: III Year I Semester

A.Y: 2023-24

Below are given some fields specially related to course and effectiveness. You may indicate the extent to which you took advantage of the various learning points of the course. We consider your

1-To a very little extent

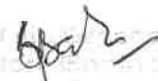
2-To a slight extent

3- To a moderate extent

4- To a Great extent

Course Outcomes: At the end of course, the student will be able to	Response rating				Total Responses	Attainment of Cos	
	1	2	3	4		Attainment of Cos	% of Attainment
20ME109 DESIGN OF MACHINE ELEMENTS					63		
1.Describe general design principles like design process, material selection and manufacturing considerations. Design for simple, bending, and torsional stresses.	4	4	8	47	63	0.89	88.89
2. Evaluate failure criteria for machine components subjected to static load and also	2	1	9	51	63	0.93	93.25
3.Design of bolted joints subjected to direct and eccentric loading. Design of knuckle joints.	4	4	10	45	63	0.88	88.10
4.Design of welded joints subjected to axial, bending and torsional loading. Design of shafts.	3	5	11	44	63	0.88	88.10
5.Design helical and leaf springs based on stress-deflection relations and fatigue loading.	5	2	8	48	63	0.89	89.29
20ME110 MANUFACTURING TECHNOLOGY-II							
1.Evaluate the cutting forces, power and specific energy and tool life in machining	3	7	13	40	63	0.86	85.71
2.Identify and select suitable machining operations for specific applications	5	4	13	41	63	0.86	85.71
3.Select an advanced machining process based on the effect of various process parameters	4	4	16	39	63	0.86	85.71
4.Evaluate cutting speed to minimize production cost and maximize production rate and	5	5	13	40	63	0.85	84.92
5.Understanding the basic concept of metrology and measurements instruments.	3	5	13	42	63	0.87	87.30
20ME111 HEAT TRANSFER							
1. Apply heat conduction equations to different surface configurations under steady state	4	16	17	26	63	0.76	75.79
2. Apply free and forced convective heat transfer correlations to internal and external flows	8	10	14	31	63	0.77	76.98
3. Explain the phenomena of boiling and condensation, apply LMTD and NTU methods of	9	9	17	28	63	0.75	75.40
4. Explain basic laws for Radiation and apply these principles to radiative heat transfer	5	12	15	31	63	0.79	78.57
5. Apply diffusive and convective mass transfer equations and correlations to solve	5	11	18	29	63	0.78	78.17
20ME406 FUNDAMENTALS OF AUTOMOTIVE ENGINEERING							
1. Recognize the various parts of the automobile and their functions and materials	3	7	14	39	63	0.85	85.32
2. Discuss the engine auxiliary systems and engine emission control	4	6	18	35	63	0.83	83.33
3. Distinguish the working of different types of transmission systems	4	4	19	36	63	0.85	84.52
4. Explain the Steering, Brakes and Suspension Systems.	3	7	15	38	63	0.85	84.92
5. Predict possible alternate sources of energy for IC Engines.	5	4	15	39	63	0.85	84.92

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20ME208 MANUFACTURING TECHNOLOGY-II LABORATORY							
1. Handle different machine tools and perform different operations.	7	3	14	39	63	0.84	83.73
2. Explain the field of application and working of various machines	6	4	19	34	63	0.82	82.14
3. Differentiate conventional machines with CNC machines.	6	5	17	45	73	0.98	98.02
4. Fabricate various mechanical components by using different operations.	5	7	17	34	63	0.82	81.75
5. Understand the importance of surface finishing and material removal rate	4	6	14	39	63	0.85	84.92
20ME209 THERMAL ENGINEERING LABORATORY							
1. Calculate the performance of internal combustion engines and air compressor	3	6	6	48	63	0.89	89.29
2. Draw and analyze performance curves of these machines and system	3	5	6	49	63	0.90	90.08
3. Evaluate the volumetric efficiency of two stage reciprocating compressor	5	3	6	49	63	0.89	89.29
4. Gain knowledge on various modes of heat transfer and determine thermal conductivity,	4	4	13	42	63	0.87	86.90
5. Determine heat transfer coefficient and critical heat flux in two phase heat transfer,	4	5	14	40	63	0.86	85.71
20CE901 DISASTER MANAGEMENT							
1. Explain various disaster concepts	3	7	18	35	63	0.84	83.73
2. Differentiate between categories of disasters	4	7	17	35	63	0.83	82.94
3. Analyze impact of various types of disasters	5	7	18	33	63	0.81	81.35
4. Select disaster risk mitigation measures	4	7	17	35	63	0.83	82.94
5. Identify the impact of development activities	4	6	19	34	63	0.83	82.94
Skill Oriented Course – III							
1. Draw basic 3D rigid bodies (Links) in CAD software.	4	10	10	39	63	0.83	83.33
2. Create simple mechanisms by applying kinematic pair constraints to the links.	3	9	15	36	63	0.83	83.33
3. Model gear tooth profiles.	3	9	13	38	63	0.84	84.13
4. Create simulations (animations) of motion of mechanisms.	4	6	11	42	63	0.86	86.11
5. To understand kinematics and dynamics of machines through simulation.	5	5	15	38	63	0.84	84.13

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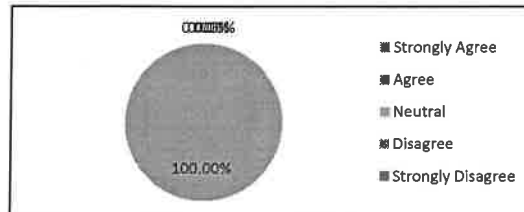
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on INFRASTRUCTURE for A. Y. 2023-24

Total No of Responses: 18

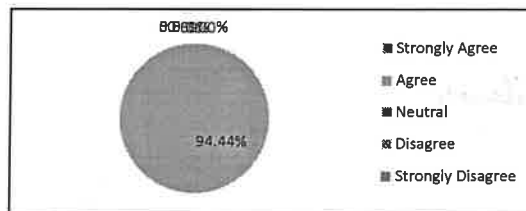
1 The classrooms and furniture available are adequate

	Count	Percentage
Strongly Agree	18	100.00%
Agree	0	0.00%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



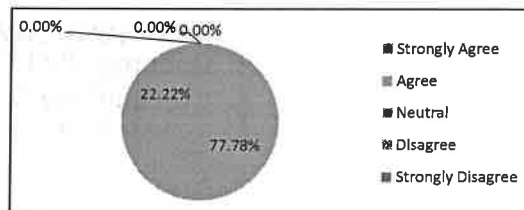
2 The buildings and furniture are well maintained

	Count	Percentage
Strongly Agree	17	94.44%
Agree	1	5.56%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



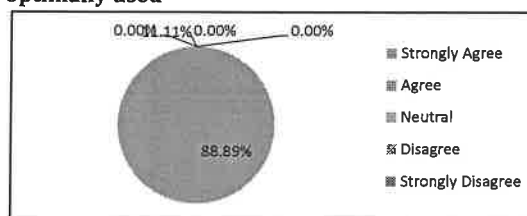
3 The labs are adequately equipped (wherever applicable)

	Count	Percentage
Strongly Agree	14	77.78%
Agree	4	22.22%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



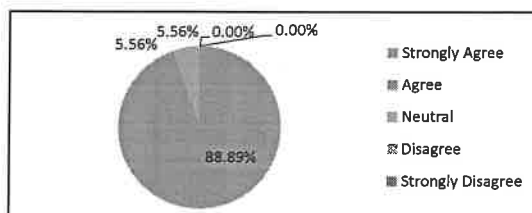
4 The infrastructure available in the department is optimally used

	Count	Percentage
Strongly Agree	16	88.89%
Agree	2	11.11%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



5 Safe drinking water is available

	Count	Percentage
Strongly Agree	16	88.89%
Agree	1	5.56%
Neutral	1	5.56%
Disagree	0	0.00%
Strongly Disagree	0	0.00%





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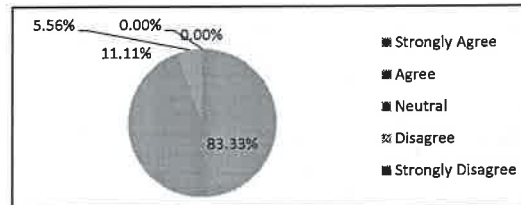
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on INFRASTRUCTURE for A. Y. 2023-24

Total N.o of Responses: **18**

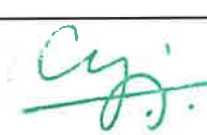
6 Sports and games facilities are adequate

	Count	Percentage
Strongly Agree	15	83.33%
Agree	2	11.11%
Neutral	1	5.56%
Disagree	0	0.00%
Strongly Disagree	0	0.00%




Signature of the Co-Ordinator


HOD / ME
Head of the Department
Mechanical Engineering
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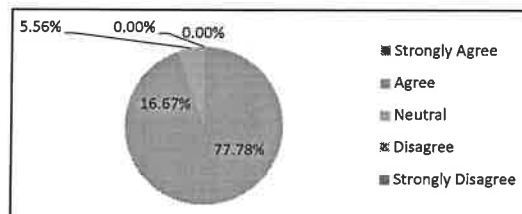
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on GOVERNANCE for A.Y. 2023-24

Total N.o of Responses: 18

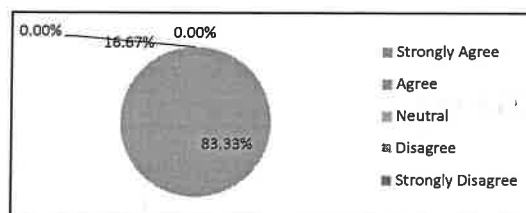
1 The MoUs entered by the college enhance the scope for mutual cooperation with Institutions and Research Organizations of repute.

	Count	Percentage
Strongly Agree	14	77.78%
Agree	3	16.67%
Neutral	1	5.56%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



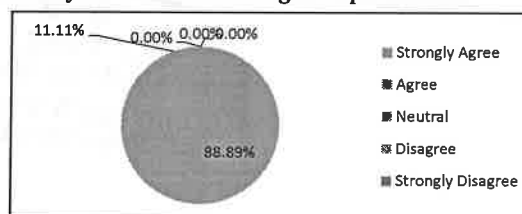
2 The administration is sincerely putting efforts for the development of the institution.

	Count	Percentage
Strongly Agree	15	83.33%
Agree	3	16.67%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



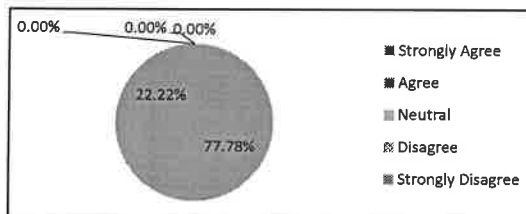
3 The quality initiatives taken up during the last academic year are contributing to improvement

	Count	Percentage
Strongly Agree	16	88.89%
Agree	2	11.11%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



4 The IQAC is working well for promoting quality in the institution

	Count	Percentage
Strongly Agree	14	77.78%
Agree	4	22.22%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



5 The faculties are given the freedom to express their opinions

	Count	Percentage
Strongly Agree	17	94.44%
Agree	1	5.56%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%





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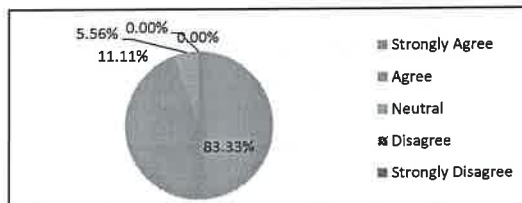
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on GOVERNANCE for A.Y. 2023-24

Total N.o of Responses: 18

6 The administrative team is accessible

	Count	Percentage
Strongly Agree	15	83.33%
Agree	2	11.11%
Neutral	1	5.56%
Disagree	0	0.00%
Strongly Disagree	0	0.00%




Signature of the Co-ordinator


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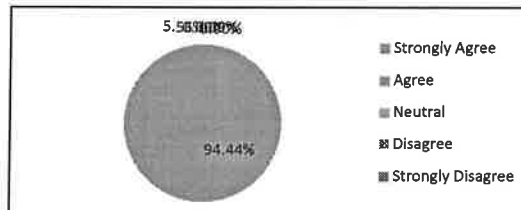
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on Teaching, Learning, Evaluation & Research for A.Y. 2023-24

Total N.o of Responses: 18

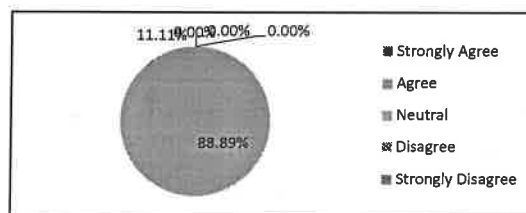
1 The College is able to attract meritorious students

	Count	Percentage
Strongly Agree	17	94.44%
Agree	1	5.56%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



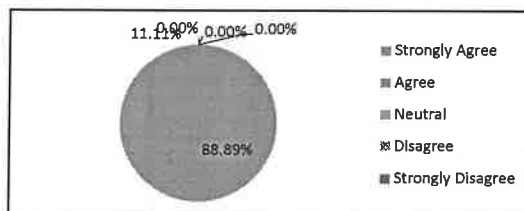
2 Student-centered learning resources are available in the college

	Count	Percentage
Strongly Agree	16	88.89%
Agree	2	11.11%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



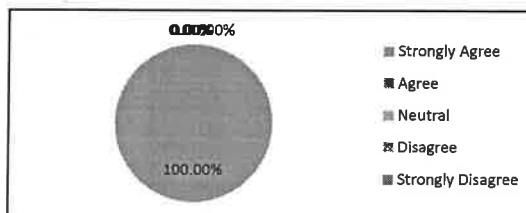
3 The Central Library and Department Library are major sources of information

	Count	Percentage
Strongly Agree	16	88.89%
Agree	2	11.11%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



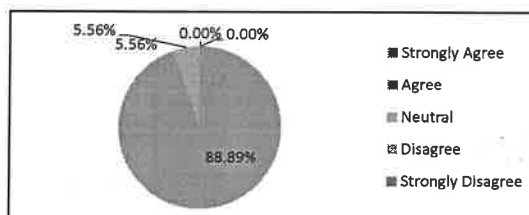
4 The timings of the Library are convenient

	Count	Percentage
Strongly Agree	18	100.00%
Agree	0	0.00%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



5 The procedure followed for acquiring new books, journals, and periodicals is appreciable

	Count	Percentage
Strongly Agree	16	88.89%
Agree	1	5.56%
Neutral	1	5.56%
Disagree	0	0.00%
Strongly Disagree	0	0.00%





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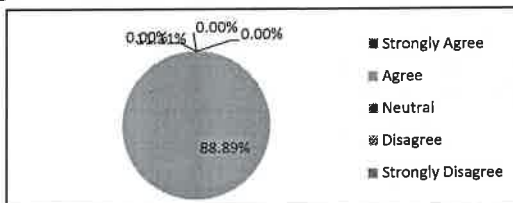
DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Feedback on Teaching, Learning, Evaluation & Research for A.Y. 2023-24

Total N.o of Responses: 18

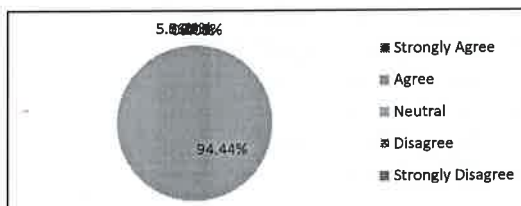
6 The faculty are supported with adequate learning resources

	Count	Percentage
Strongly Agree	16	88.89%
Agree	2	11.11%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



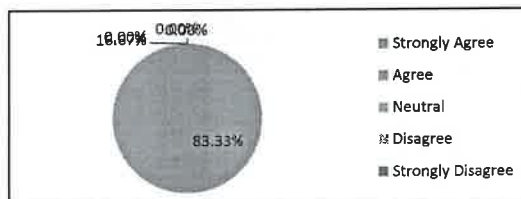
7 The faculty are encouraged to organize and participate in seminars, conferences, workshops, and Faculty Development Programmes

	Count	Percentage
Strongly Agree	17	94.44%
Agree	1	5.56%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



8 The evaluation system followed by the college is effective

	Count	Percentage
Strongly Agree	15	83.33%
Agree	3	16.67%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%



9 The incentive scheme offered for publications, funded projects, consultancy, and patents is appreciable

	Count	Percentage
Strongly Agree	17	94.44%
Agree	1	5.56%
Neutral	0	0.00%
Disagree	0	0.00%
Strongly Disagree	0	0.00%




Signature of the Co-Ordinator


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Principal
Madanapalle Institute of Technology & Science
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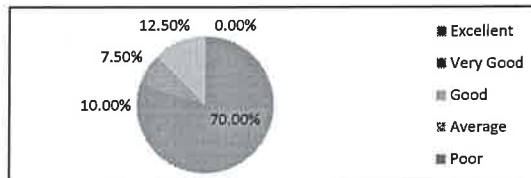
DEPARTMENT OF MECHANICAL ENGINEERING

Parents Feedback on Curriculum, Teaching & Learning for A.Y. 2023-24

Total N.o of Responses: 40

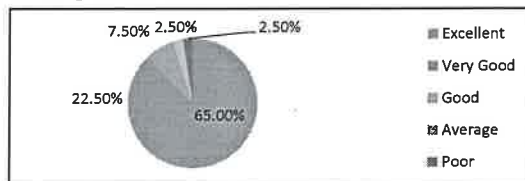
1 Rate the events participated by your ward such as Guest Lectures/ Workshops/Seminars/Webinars to enrich the Curriculum

	Count	Percentage
Excellent	28	70.00%
Very Good	4	10.00%
Good	3	7.50%
Average	5	12.50%
Poor	0	0.00%



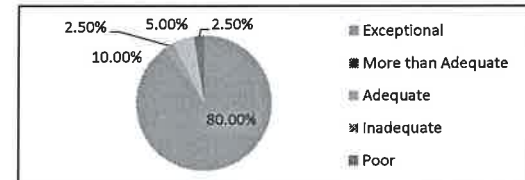
2 Rate the Internship undergone by your ward to fill the gap in the curriculum.

	Count	Percentage
Excellent	26	65.00%
Very Good	9	22.50%
Good	3	7.50%
Average	1	2.50%
Poor	1	2.50%



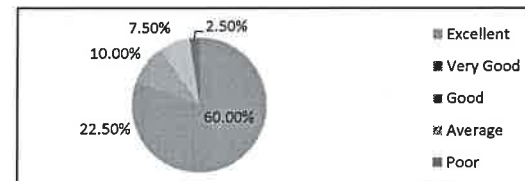
3 Rate the Industrial visits undergone by your ward to enrich the curriculum.

	Count	Percentage
Exceptional	32	80.00%
More than Adequate	4	10.00%
Adequate	1	2.50%
Inadequate	2	5.00%
Poor	1	2.50%



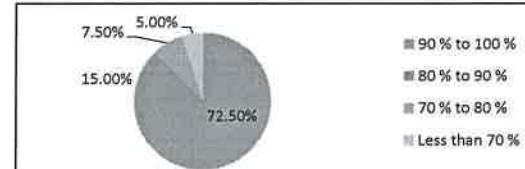
4 Rate the MOUs linked with Industry

	Count	Percentage
Excellent	24	60.00%
Very Good	9	22.50%
Good	4	10.00%
Average	3	7.50%
Poor	1	2.50%



5 Rate the Additional courses / Training / Certificate Courses provided by the Institution to your ward

	Count	Percentage
90 % to 100 %	29	72.50%
80 % to 90 %	6	15.00%
70 % to 80 %	3	7.50%
Less than 70 %	2	5.00%



6. Provide Observations / Suggestions to improve:

Dilana
Signature of the Co-Ordinator

Cyji

[Signature]
HOD / ME

PRINCIPAL
Madanapalle Institute of
Technology & Science
MADANAPALLE

Head of the Department
Mechanical Engineering
Madanapalle Institute of Technology & Science
MADANAPALLE - 517 325



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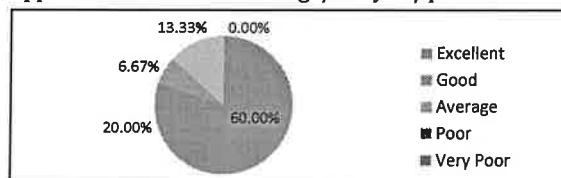
DEPARTMENT OF MECHANICAL ENGINEERING

Employer / Supervisor Survey for A.Y. 2023 - 24

Total N.o of Responses: 15

1 Level of understanding of the Engineering principles and application of the same in design/analysis / problem

Syllabus	Count	Percentage
Excellent	9	60.00%
Good	3	20.00%
Average	1	6.67%
Poor	2	13.33%
Very Poor	0	0.00%



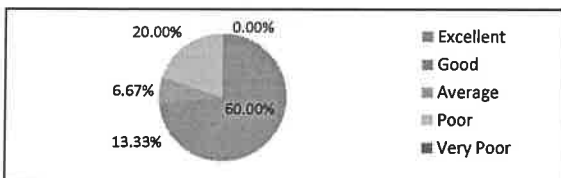
2 Willingness to learn new technology and adopt new ideas to meet workplace challenges

	Count	Percentage
Excellent	5	33.33%
Good	5	33.33%
Average	3	20.00%
Poor	2	13.33%
Very Poor	0	0.00%



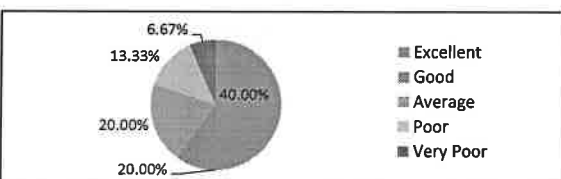
3 Ability to work with a team

	Count	Percentage
Excellent	9	60.00%
Good	2	13.33%
Average	1	6.67%
Poor	3	20.00%
Very Poor	0	0.00%



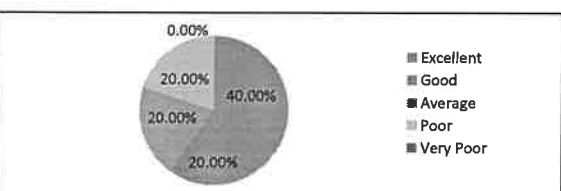
4 Verbal & Written communication skills

	Count	Percentage
Excellent	6	40.00%
Good	3	20.00%
Average	3	20.00%
Poor	2	13.33%
Very Poor	1	6.67%



5 Ability to take independent decisions

	Count	Percentage
Excellent	6	40.00%
Good	3	20.00%
Average	3	20.00%
Poor	3	20.00%
Very Poor	0	0.00%





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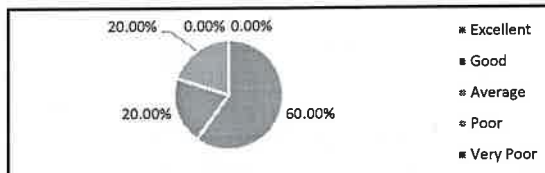
DEPARTMENT OF MECHANICAL ENGINEERING

Employer / Supervisor Survey for A.Y. 2023 - 24

Total N.o of Responses: 15

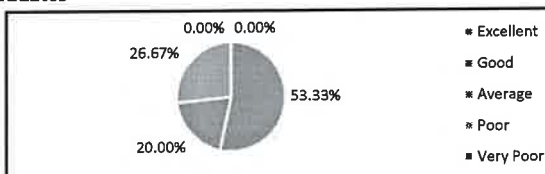
6 Inclination towards needs of the society

	Count	Percentage
Excellent	9	60.00%
Good	3	20.00%
Average	3	20.00%
Poor	0	0.00%
Very Poor	0	0.00%



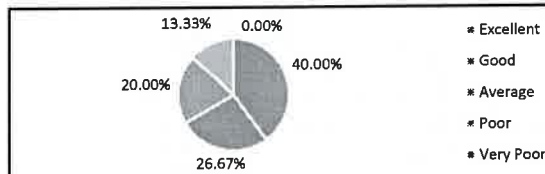
7 Your overall satisfaction with the performance of our graduates

	Count	Percentage
Excellent	8	53.33%
Good	3	20.00%
Average	4	26.67%
Poor	0	0.00%
Very Poor	0	0.00%



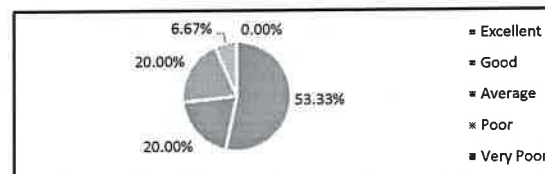
8 Respect for Human Values & Ethics

	Count	Percentage
Excellent	6	40.00%
Good	4	26.67%
Average	3	20.00%
Poor	2	13.33%
Very Poor	0	0.00%



9 Leadership/Managerial Skills

	Count	Percentage
Excellent	8	53.33%
Good	3	20.00%
Average	3	20.00%
Poor	1	6.67%
Very Poor	0	0.00%



10 Provide Observations / Suggestions to Improve

Dilany
Signature of Co-Ordinator

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