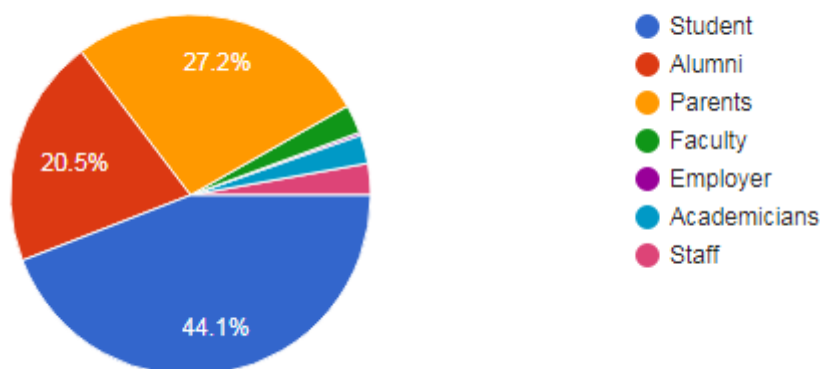


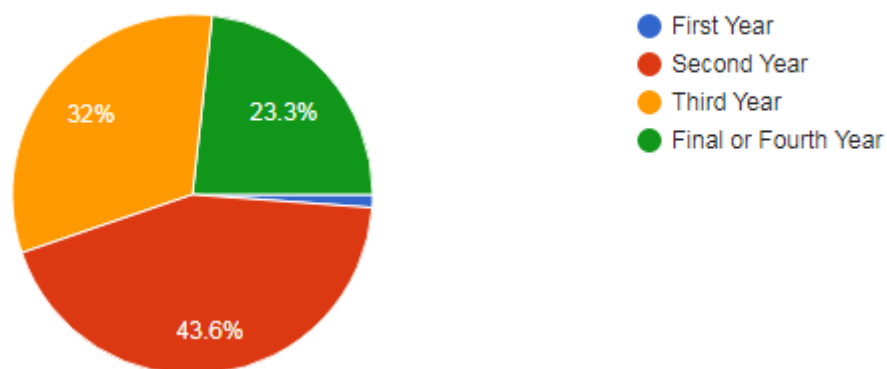
Analysis Report of the feedback on Vision, Mission, PSOs & PEOs from Stakeholders

Sl.No.	Question asked	Number of Samples Taken					
		Faculty	Students	Parents	Alumni	Employers	others
1	Do you think that the Department Vision is in-line with the Institute Vision?	22	172	106	80	2	10
2	Do you think that the Department Mission is in-line with the Institute mission?						
3	Do you think that PSOs of the program aligned with PEOs?						
4	Do you think that PEOs reflect the Vision and Mission of the Department?						
5	Do you think that existing PEOs reflect the working Graduate Attributes?						
6	Please give any suggestions in re-framing of Vision/Mission/ PEOs/PSOs.						

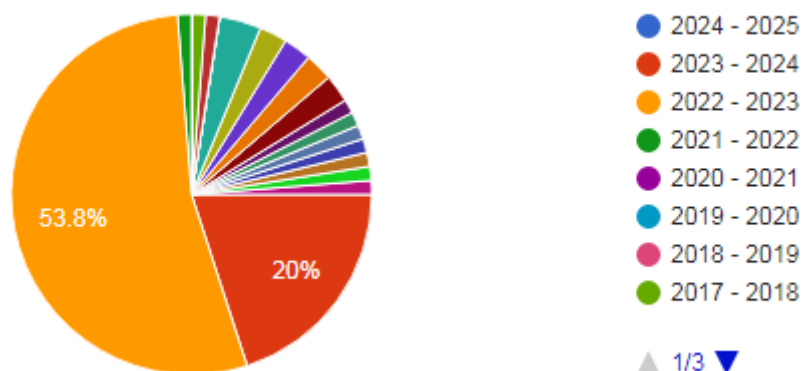
1. Types of Stakeholders: 390 Responses



2. On role students Responses (Internal)



3. Graduated Students Responses (Alumni)

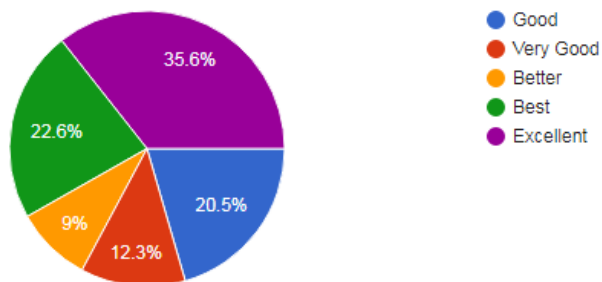


4. Responses on Department Vision Statement

Vision:

To impart quality education in Mechanical Engineering by developing the core competencies to meet the diverse needs of global challenges.

390 responses

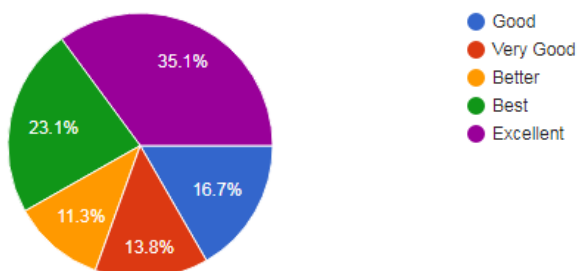


5. Responses on Department Mission Statements

M1 :

Educate our students with domain knowledge and practical skills by qualified faculty in tune with technological developments.

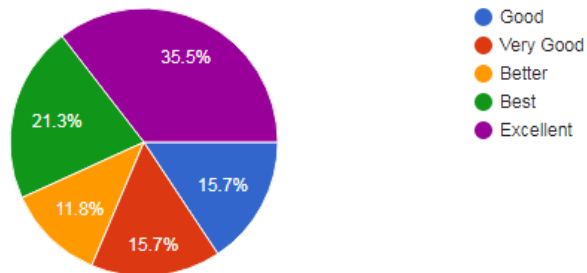
390 responses



M2 :

Adopt student-centric learning techniques to develop analytical and problem-solving skills.

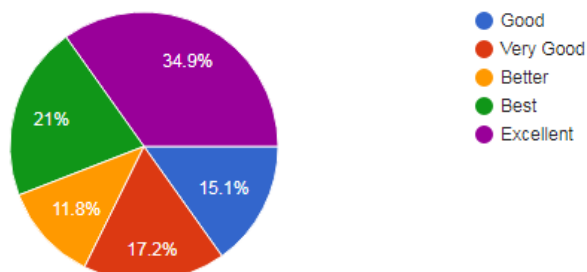
389 responses



M3 :

Develop a conducive atmosphere to make students imbibe professional skills to foster leadership traits and lifelong learning.

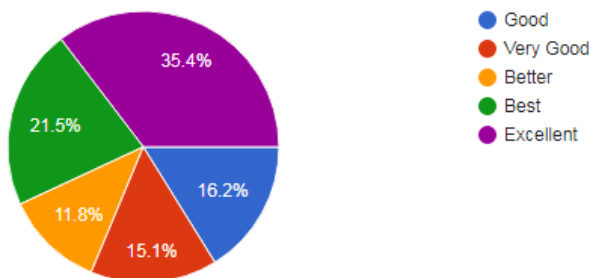
390 responses



6. Responses on Department PSOs Statements

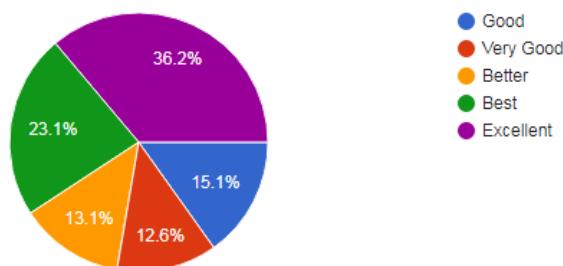
PS01 : Apply the fundamentals of mathematics, engineering sciences and principles of mechanical engineering (design, thermal sciences, fluid mechanics, manufacturing, etc.) to analyse, design and optimize engineering systems and industrial processes

390 responses



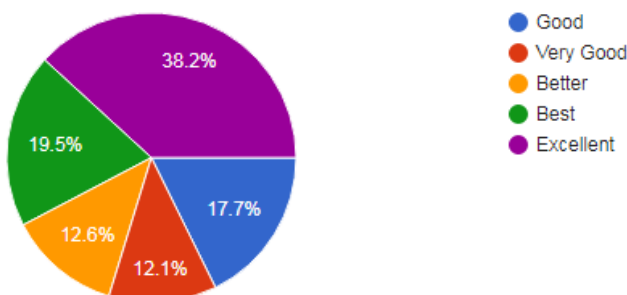
PS02 : Apply the knowledge of automation, robotics, CAD/CAM, mechatronics, material science, renewable energy, EV, AI, IOT, etc. to develop pragmatic solutions for mechanical and interdisciplinary engineering applications to bolster the careers of students in industry, research and entrepreneurship.

390 responses



PS03 : Cultivate ethical and universal human values, and imbibe management techniques to cater to the needs of industry and society at large.

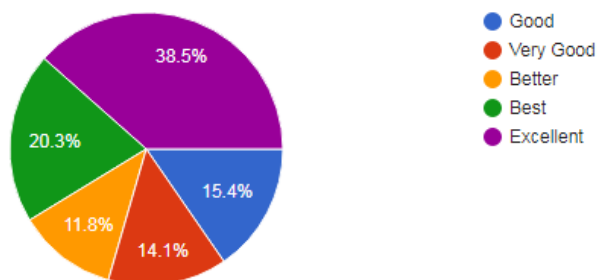
390 responses



7. Responses on Department PEOs Statements

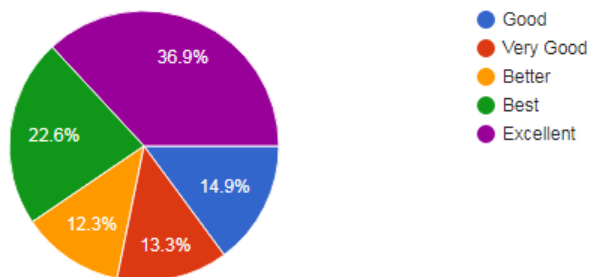
PEO1. Apply the fundamentals of mathematics, science and mechanical engineering concepts to analyse, formulate, and solve complex engineering problems in industries, research and academia.

390 responses



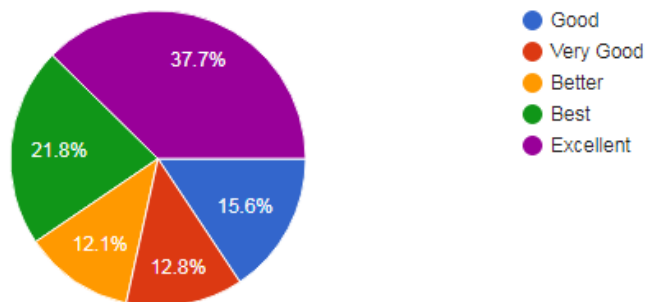
PEO2. Demonstrate the ability to design and develop efficient, reliable and innovative mechanical systems that are environmentally sustainable, socially responsible and aligned with industry standards.

390 responses



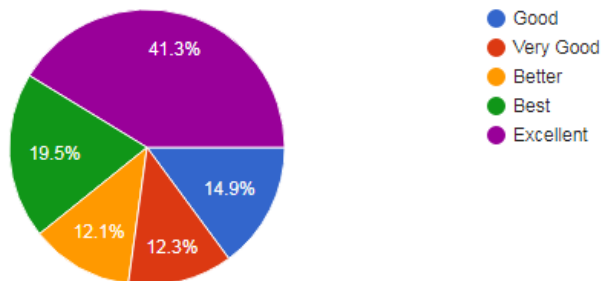
PE03. Employ modern engineering tools, techniques and emerging technologies in collaborating multidisciplinary domains to address industrial and societal challenges.

390 responses



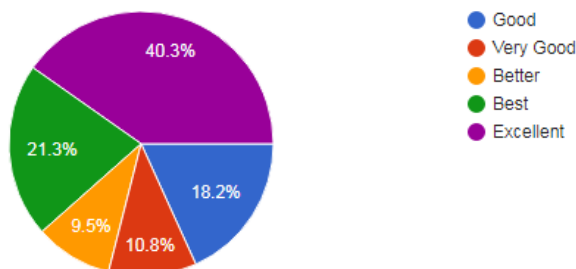
PE04. Exhibit ethical values, effective communication, resilience and leadership qualities while pursuing a professional career contributing to Sustainable Development Goals (SDGs) and social well-being.

390 responses



PE05. Understand the efficacy of lifelong learning, and develop managerial and entrepreneurial abilities to become competent professionals and industry leaders at a global level.

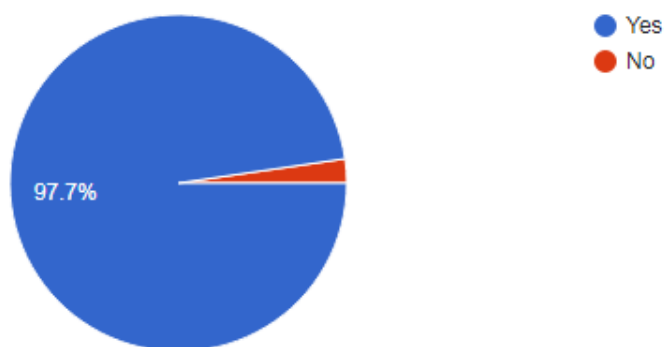
390 responses



8. Questions asked to Stakeholders

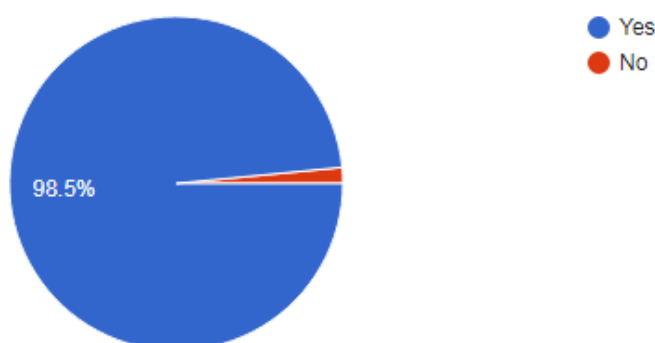
Do you think that the department Vision is inline with the institute vision ?

390 responses



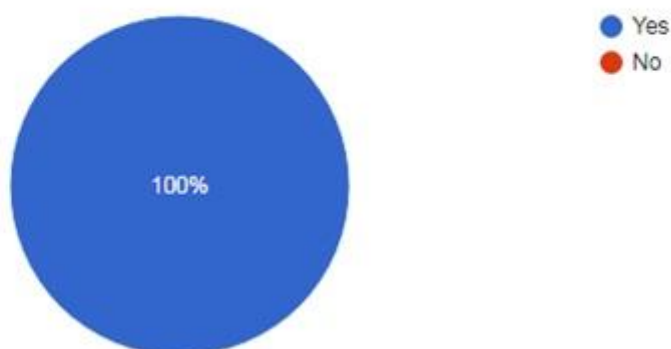
Do you think that the department Mission is inline with the institute mission ?

390 responses



Do you think that PSOs of the program aligned with PEOs ?

390 responses



Do you think that PEOs reflect the Vision and Mission of the department ?

390 responses



Do you think that existing PEOs reflect the working graduate attributes ?

390 responses



Feedback Analysis and Action Taken Report:

Objective of the Feedback Report

To analyze the perceptions of stakeholders (students, faculty, alumni and industry experts) regarding:

- Clarity and relevance of Vision and Mission statements.
- Alignment of PSOs and PEOs with department objectives and institutional goals.
- Reflection of Graduate Attributes.
- Suggestions for improvement.

Step 1: Data Collection

- **Total Responses:** 390

- **Respondents:** Students, faculty and staff, alumni, industry experts, Parents and Academicians
- **Tools Used:** Google Forms
- **Parameters Evaluated:**
 - Vision statement
 - Three Mission statements (M1, M2, M3)
 - Three PSOs
 - Five PEOs
 - Relevance with institute Vision and Mission
 - Alignment of PSOs with PEOs
 - Reflection of graduate attributes
 - Suggestions for improvement

Step 2: Quantitative Feedback Analysis

Method: All responses were categorized into five rating levels:

- Good
- Very Good
- Better
- Best
- Excellent

Each statements rating were analyzed using frequency and percentage tables.

A. Feedback on Vision Statement

Statement:

"To impart quality education in Mechanical Engineering by developing the core competencies to meet the diverse needs of global challenges."

Rating	Responses	Percentage
Excellent	139	35.6%
Best	88	22.6%
Very Good	80	20.5%
Better	48	12.3%
Good	35	9.0%

Observation:

- 78.7% rated *Very Good* or above.
- Stakeholders feel the vision clearly communicates the department goal.

Suggestions:

- Minor suggestions to mention *regional identity* (e.g., "**North Karnataka**")
- Include industry-related keywords like **smart manufacturing, Industry 4.0 and green energy**.

B. Feedback on Mission Statements

- M1. Educate students with domain knowledge and practical skills by qualified faculty in tune with technological developments.
- M2. Adopt student-centric learning techniques to develop analytical and problem-solving skills.
- M3. Develop a conducive atmosphere to make students imbibe professional skills to foster leadership traits and lifelong learning.

Mission	Excellent	Best	Very Good	Better	Good
M1	137	90	54	44	65
M2	138	83	61	46	61
M3	136	82	67	46	59

Observation:

- Over 80% of responses for each mission are *Very Good* or higher.
- Highest satisfaction for *M2* and *M3*

Suggestions:

- Include concepts like **digital transformation, industry collaboration and multidisciplinary exposure**.

C. Feedback on Program Specific Outcomes (PSOs)

- PSO1. Apply the fundamentals of mathematics, engineering sciences and principles of mechanical engineering (design, thermal sciences, fluid mechanics, manufacturing, etc.) to analyse, design and optimize engineering systems and industrial processes.
- PSO2. Apply the knowledge of automation, robotics, CAD/CAM, mechatronics, material science, renewable energy, EV, AI, IOT, etc. to develop pragmatic solutions for mechanical and interdisciplinary engineering applications to bolster the careers of students in industry, research and entrepreneurship.
- PSO3. Cultivate ethical and universal human values, and imbibe management techniques to cater to the needs of industry and society at large.

PSO	Excellent	Best	Very Good	Better	Good
1	138	84	59	46	63
2	141	90	49	51	59
3	149	76	47	49	69

Observation:

- All PSOs received strong ratings, especially PSO3
- Stakeholders appreciated the broad scope of modern technologies covered

Suggestions:

- Emphasize regional industrial relevance (e.g. Belagavi foundry/tooling industries)
- Include *additive manufacturing, robotics, IoT*

D. Feedback on Program Educational Objectives (PEOs)

PEO1. Apply the fundamentals of mathematics, science and mechanical engineering concepts to analyse, formulate, and solve complex engineering problems in industries, research and academia.

PEO2. Demonstrate the ability to design and develop efficient, reliable and innovative mechanical systems that are environmentally sustainable, socially responsible and aligned with industry standards.

PEO3. Employ modern engineering tools, techniques and emerging technologies in collaborating multidisciplinary domains to address industrial and societal challenges.

PEO4. Exhibit ethical values, effective communication, resilience and leadership qualities while pursuing a professional career contributing to Sustainable Development Goals (SDGs) and social well-being.

PEO5. Understand the efficacy of lifelong learning, and develop managerial and entrepreneurial abilities to become competent professionals and industry leaders at a global level.

PEO	Excellent	Best	Very Good	Better	Good
1	150	79	55	46	60
2	144	88	52	48	58
3	147	85	50	47	61
4	161	76	48	47	58
5	157	83	42	37	71

Observation:

- Very high ratings across all five PEOs (80–85% rated “Very Good” or higher)
- Strongest response for *PEO4* (ethics and leadership)

Suggestions:

- Consider stronger emphasis on *sustainability, entrepreneurship, SDG awareness*

Step 3: Qualitative Feedback Analysis

Common Responses:

- 55–60% of open responses were “No change,” “All good,” or “NA”
- Only a small number of specific suggestions across sections

Highlighted Suggestions:

- Mention North Karnataka/AITM in Vision
- Include modern domains: AI, green energy, Industry 4.0
- Promote practical learning, entrepreneurship, regional industry collaboration
- Focus more on sustainability and digital transformation

Step 4: Relevance and Alignment Feedback

Question	Responses (Yes)	Yes (%)	Responses (No)	No (%)
Vision aligns with institute Vision	381	97.7%	9	2.3%
Mission aligns with institute Mission	384	98.5%	6	1.5%
PSOs aligned with PEOs	90	100%	0	0%
PEOs reflect Vision and Mission	90	100%	0	0%
PEOs reflect graduate attributes	89	98.9%	1	1.1%

Observation:

- Near-universal agreement on alignment and relevance
- Stakeholders trust the direction and consistency of department academic philosophy

Step 5: Collection and Reporting

All the quantitative and qualitative findings were consolidated into:

- Summary tables
- Pie/bar charts (if needed for presentation)
- Suggestion lists for each statement category

Step 6: Review by Department Committee

- The Internal Quality Assurance Cell (IQAC), Department Advisory Committee (DAC) and Program Assessment Cell (PAC) reviewed the report.
- Identified that no major changes was needed.
- Recommendations for future review cycles were noted.

Step 7: Action Taken Report

Section	Action Taken
Vision	No immediate changes; suggestion to include terms like <i>automation</i> , <i>green energy</i> , <i>smart manufacturing</i> considered for next revision.
Mission	No modification required. Suggestions for <i>industry collaboration</i> , <i>digital</i>

 Suresh Angadi Education Foundation's ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT Savagaon Road, Belagavi – 590 009 (Approved by AICTE, New Delhi & Affiliated to Visvesvaraya Technological University, Belagavi) Accredited By NAAC Department of Mechanical Engineering	ME
	NBA
	2024-25
	Feedback Analysis on V,M, PSOs &PEOs

	<i>transformation and regional relevance</i> will be included in next strategic review.
PSOs	Current PSOs retained; already inclusive of technologies like AI, IOT, EVs. Additional emphasis on <i>emerging areas</i> like additive manufacturing and sustainability to be highlighted in delivery.
PEOs	Confirmed to be well-structured and aligned with graduate outcomes. Scope for stronger mention of <i>SDGs, entrepreneurship, and lifelong learning</i> to be taken up in curriculum workshops.
Alignment with Institute Vision/Mission	No change necessary. Strong stakeholder consensus that alignment is satisfactory.
Graduate Attributes	Covered effectively through current PEOs; no changes required immediately.

Step 8: Documentation

- Report archived with IQAC and HOD office.
- Shared during PAC and DAB meetings.
- Will be used as evidence for accreditation bodies (NBA/NAAC) under criteria related to Vision, Mission, PEOs and stakeholder involvement.

Conclusion of the Feedback Report

The department Vision, Mission, PSOs and PEOs have received strong appreciation from stakeholders.

- Over 80% of responses rated them “Very Good” or higher.
- Stakeholders strongly agree that the department philosophy aligns well with the institutional vision, mission and graduate attributes.
- Minimal but meaningful suggestions will guide future strategic revisions.


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