

Mechanical Engineering Department
Program: B Tech (Mechanical)
Feedback Analysis Report (AY 2021-22)

I. Preamble


It is the practice followed in our Institution to obtain feedback from the students about Academic / Curriculum / Co-curricular / Administration activities / Infrastructure etc. for the holistic development of the institution. The various source of feedback collection in the Academic Year 2021-22 are:

- Student Feedback (about the course & course teacher) during the semester.
- Feedback on the Curriculum from Students, Alumni, Faculty, Academic Peers and Employers
- Exit survey from graduating students

These feedbacks are collected and collated in the Department level/Institution level and important suggestions / comments / remarks given by the stakeholders on the curriculum & syllabi and other administration activities shall be considered for further course of action.

The curriculum feedback taken from stakeholders (student, faculty, alumni, academic peers, employers) are collated and discussed at the Department Level.

The feedback inputs are given by the Department Head to the BoS members, who take the inputs into consideration for changes in curriculum. The BoS then deliberates the curriculum changes and forwards it to the Academic Council at University level for its approval. The Academic Council approves the changes which are then endorsed by the Board of Management/Executive Council and the changes are implemented in the curriculum from the forthcoming session.



SVKM's NMIMS

Mukesh Patel School of Technology Management & Engineering

Mechanical Engineering Department

Program: B Tech (Mechanical)

Curriculum Feedback Analysis Report

2021-22

1. Student Feedback Analysis
2. Faculty Feedback Analysis
3. Employer Feedback Analysis
4. Action Taken Report



Dr. Ashish Deshmukh
HOD, Mechanical Engineering



Student Feedback Analysis Report (2021-22)

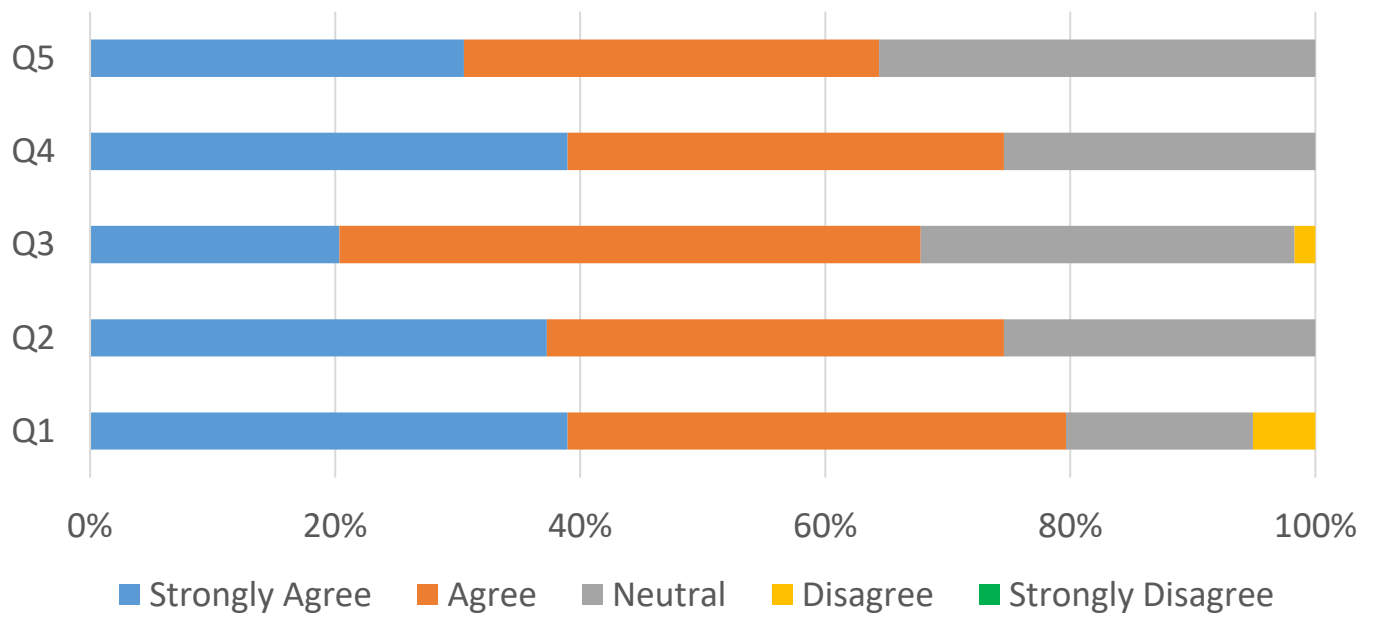
No of Students from whom feedback taken: 59

Total Responses	59							
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		% of students who (agree + strongly agree)	% of students who (disagree + strongly disagree + neutral)
Q1	23	24	9	3	0	Curriculum has the right mix of theory and practical knowledge required for your program	79.66%	20.33%
Q2	22	22	15	0	0	Curriculum facilitates you in developing strong analytical and problem solving skills	74.57%	25.42%
Q3	12	28	18	1	0	Curriculum enhances your entrepreneurship skills and life-long learning	67.79%	32.20%
Q4	23	21	15	0	0	Curriculum incorporates human values and ethics.	74.57%	25.43%
Q5	18	20	21	0	0	Curriculum includes courses that enhance/improve your innovative /leadership and communication skills	64.40%	35.59%

Question	Median	1 st Quartile	3 rd Quartile
Q1	3	3	4
Q2	3	2.5	4
Q3	3	2	3
Q4	3	2.5	4
Q5	3	2	4



B Tech(Mechanical), Student Feedback on Curriculum (2021-22)



Faculty Feedback Analysis Report (2021-22)

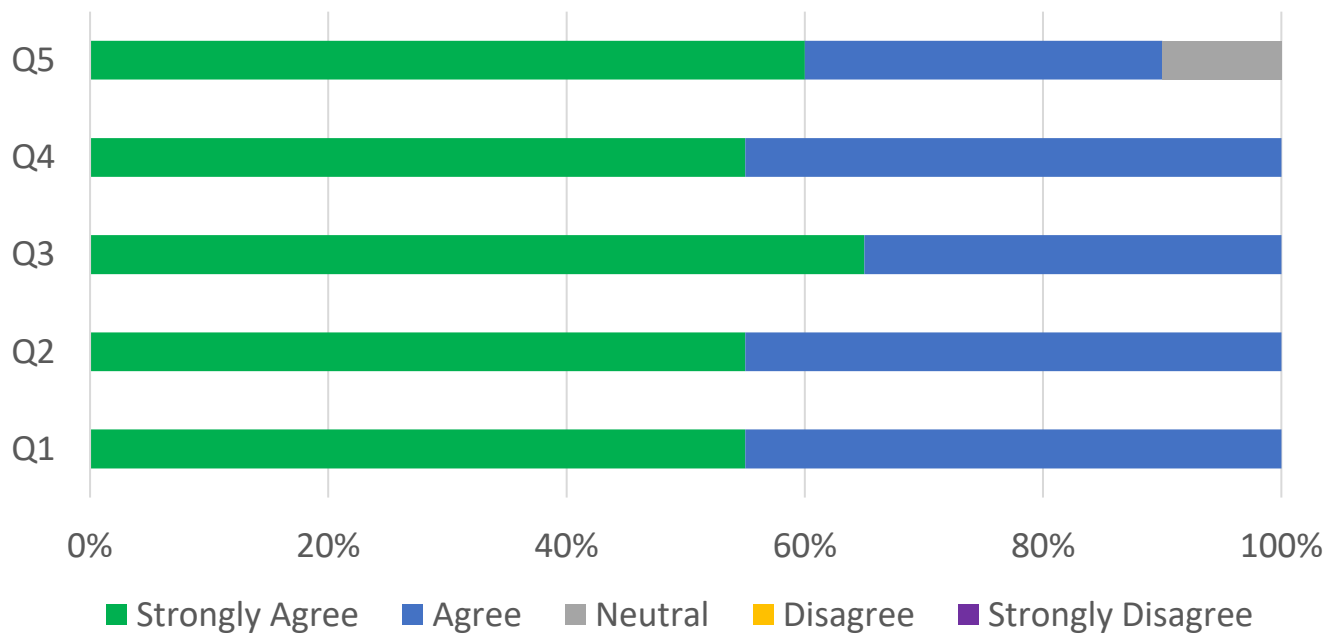
No of Faculty from whom feedback taken: 20

Total Responses	20							
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		% of faculty who (agree + strongly agree)	% of faculty who (disagree + strongly disagree + neutral)
Q1	11	9	0	0	0	Course Outcomes are met by the units mentioned in the syllabus	100.00%	0.00%
Q2	11	9	0	0	0	Course contents are relevant to the current trends and technologies	100.00%	0.00%
Q3	13	7	0	0	0	Aims and objectives of course are clearly defined	100.00%	0.00%
Q4	11	9	0	0	0	Freedom to adopt new teaching pedagogy	100.00%	0.00%
Q5	12	6	2	0	0	Freedom to adopt new evaluation methods for internal assessment	90.00%	10.00%

Question	Median	1 st Quartile	3 rd Quartile
Q1	4	3	4
Q2	4	3	4
Q3	4	3	4
Q4	4	3	4
Q5	4	3	4



B Tech(Mechanical), Faculty Feedback on Curriculum (2021-22)



Employer Feedback Analysis Report (2021-22)

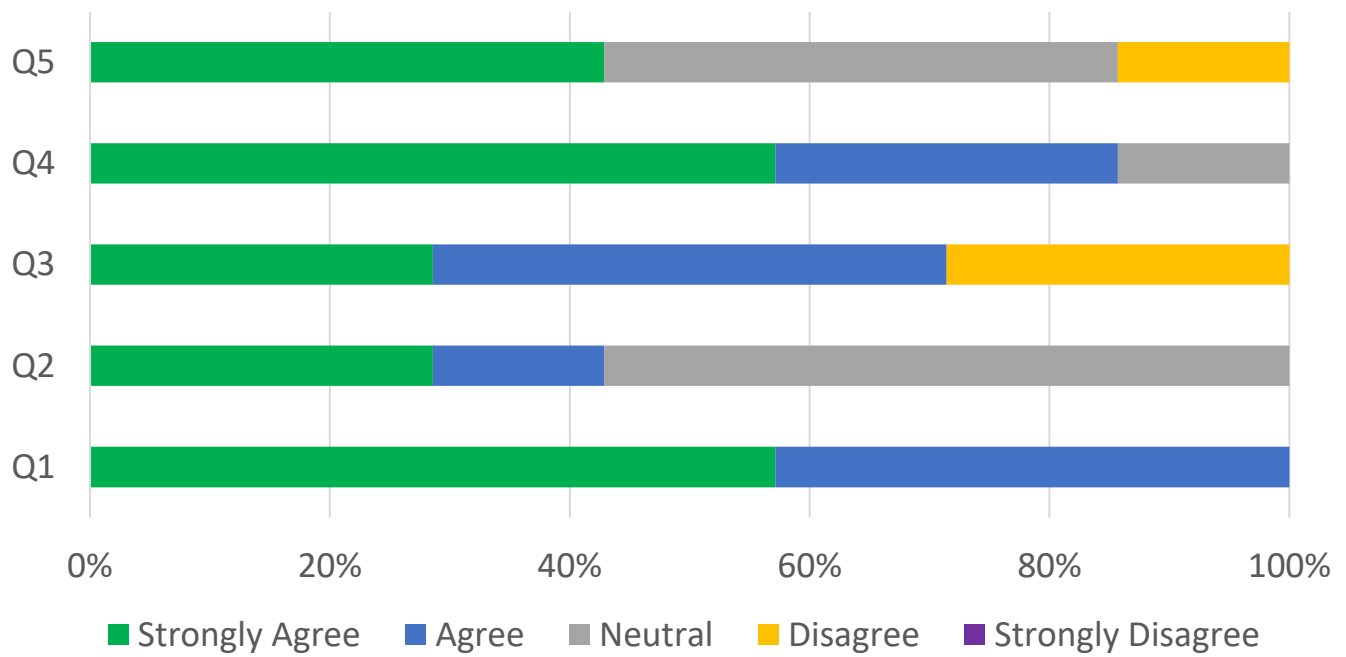
No of Employers from whom feedback taken: 07

Total Responses	07							
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		% of employers who (agree + strongly agree)	% of employers who (disagree + strongly disagree + neutral)
Q1	4	3	0	0	0	Curriculum has balance of theory and practical aspects	100.00%	0%
Q2	2	1	4	0	0	Curriculum imparts knowledge and skills required by industry	42.85%	57.14%
Q3	2	3	0	2	0	Curriculum includes soft skills required by Industry	71.42%	28.57%
Q4	4	2	1	0	0	Internship/ Project gives students real - life experiential learning	85.71%	14.28%
Q5	3	0	3	1	0	Curriculum includes human values and ethics	42.85%	57.14%

Question	Median	1 st Quartile	3 rd Quartile
Q1	4	3	4
Q2	2	2	3.5
Q3	3	2	3.5
Q4	4	3	4
Q5	2	2	4



B Tech(Mechanical), Employer Feedback on Curriculum (2021-22)



Action Taken Report:

Feedback from different stakeholders (students, faculty and employers) was taken with a view to identify need for curriculum change. Department Head shared the results of the feedback with the Board of Studies members. The BOS members deliberated and identified the changes required in the curriculum of the program (B Tech (Mechanical)).

The BOS committee proposed the following changes:

- Introducing the course “Digital Manufacturing Laboratory” and “Electrical and Electronics Workshop” in place of “Workshop Practice” in 1st year.
- Introducing the course “ Industrial Applications of HVAC” in 3rd year.
- For the students admitted in AY2021-22 the course “Minor Project” was renamed as “Capstone Project” with increase in credits from 2 to 4 in Semester VII for B.Tech. Also, the course “Major Project” was renamed as “Project” with reduction in credits from 12 to 10 in Semester VIII for B.Tech.

