

## **Program: B Tech (Computer Engineering)**

### **Feedback Analysis Report (AY 2022-23)**

#### 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 2022-23 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

### Program: B Tech (Computer Engineering)

Feedback Analysis (2022-23)

**(Statistics – Median, 1<sup>st</sup> Quartile, 3<sup>rd</sup> Quartile)**

Feedback Taken from:

Students: 31

Faculty: 26

Employers: 25

Student Feedback Analysis			
	Median	Q1 (1st Quartile)	Q3 (3rd Quartile)
Q1	3	2	4
Q2	3	3	4
Q3	3	2	4
Q4	3	2	3
Q5	3	3	3

Faculty Feedback Analysis			
	Median	Q1 (1st Quartile)	Q3 (3rd Quartile)
Q1	4	4	4
Q2	4	3	4
Q3	4	4	4
Q4	4	4	4
Q5	4	4	4

Employer Feedback Analysis			
	Median	Q1 (1st Quartile)	Q3 (3rd Quartile)
Q1	3	2	3
Q2	3	3	3
Q3	3	3	4
Q4	3	3	3
Q5	3	3	3



**SVKM's NMIMS**

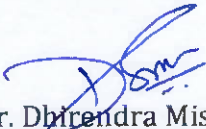
**Mukesh Patel School of Technology Management & Engineering**

**Computer Engineering Department**

**Program: B Tech (Computer Engineering)**

# **Curriculum Feedback Analysis Report 2022-23**

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

  
(Dr. Dharendra Mishra)  
HoD, Computer Engineering Department

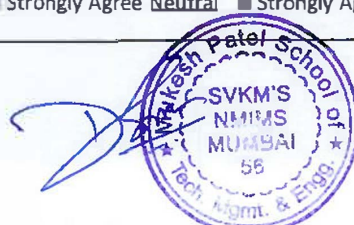
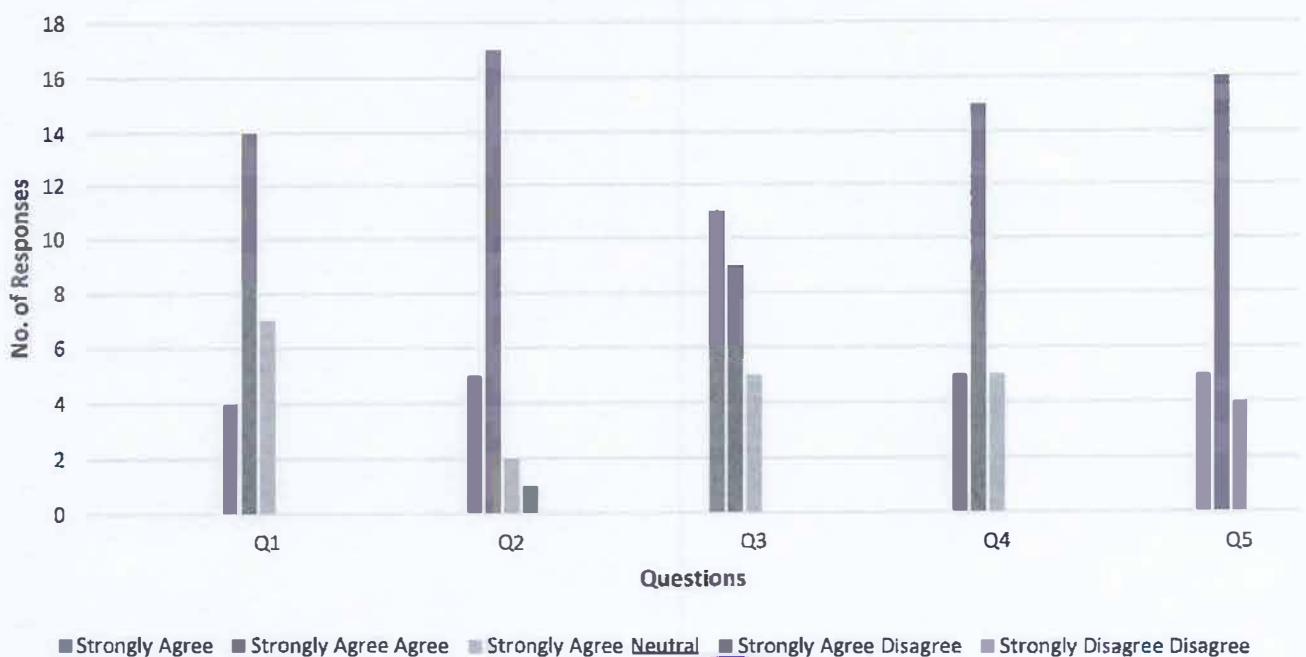


# Student Feedback Analysis Report (2022-23)

No of Students from whom feedback taken: 31

Total Responses	31							
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		% of students who (agree + strongly agree)	% of students who (disagree + strongly disagree + neutral)
Q1	13	8	8	2	0	Curriculum has the right mix of theory and practical knowledge required for your program	67.74%	32.26%
Q2	13	16	2	0	0	Curriculum facilitates you in developing strong analytical and problem solving skills	93.55%	6.45%
Q3	9	14	6	2	0	Curriculum enhances your entrepreneurship skills and life-long learning	74.19%	25.81%
Q4	6	15	8	2	0	Curriculum incorporates human values and ethics.	67.74%	32.26%
Q5	6	20	5	0	0	Curriculum includes courses that enhance/improve your innovative /leadership and communication skills	83.87%	16.13%

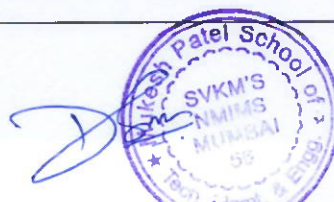
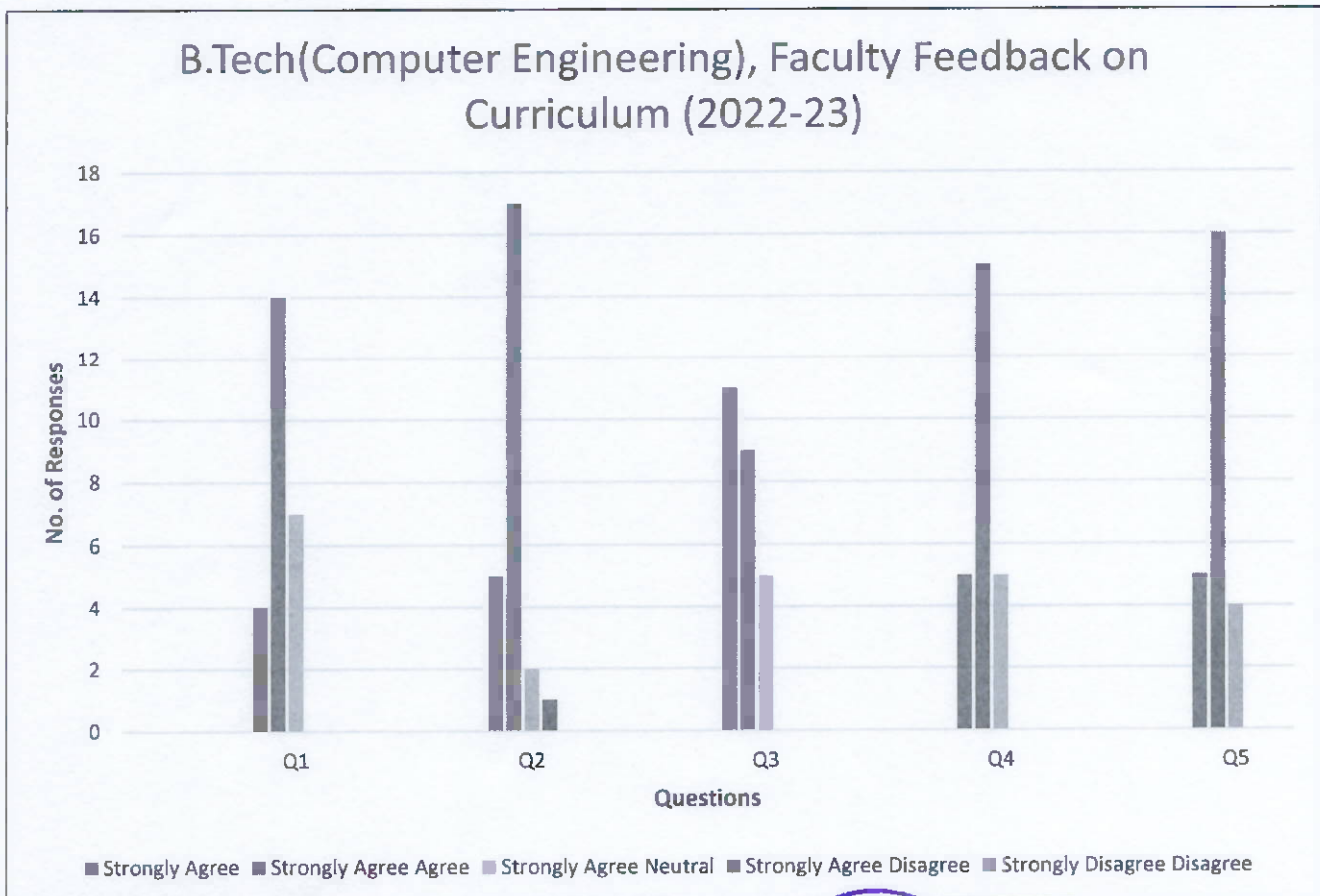
## B.Tech(Computer Engineering), Student Feedback on Curriculum (2022-23)



# Faculty Feedback Analysis Report (2022-23)

No of Faculty from whom feedback taken: 26

Total Responses	26							
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		% of faculty who (agree + strongly agree)	% of faculty who (disagree + strongly disagree + neutral)
Q1	22	4	0	0	0	Course Outcomes are met by the units mentioned in the syllabus	100.00%	0.00%
Q2	18	8	0	0	0	Course contents are relevant to the current trends and technologies	100.00%	0.00%
Q3	24	2	0	0	0	Aims and objectives of course are clearly defined	100.00%	0.00%
Q4	23	3	0	0	0	Freedom to adopt new teaching pedagogy	100.00%	0.00%
Q5	21	5	0	0	0	Freedom to adopt new evaluation methods for internal assessment	100.00%	0.00%

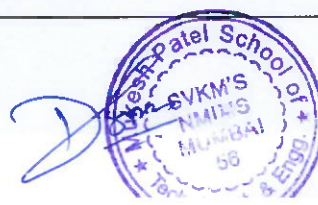
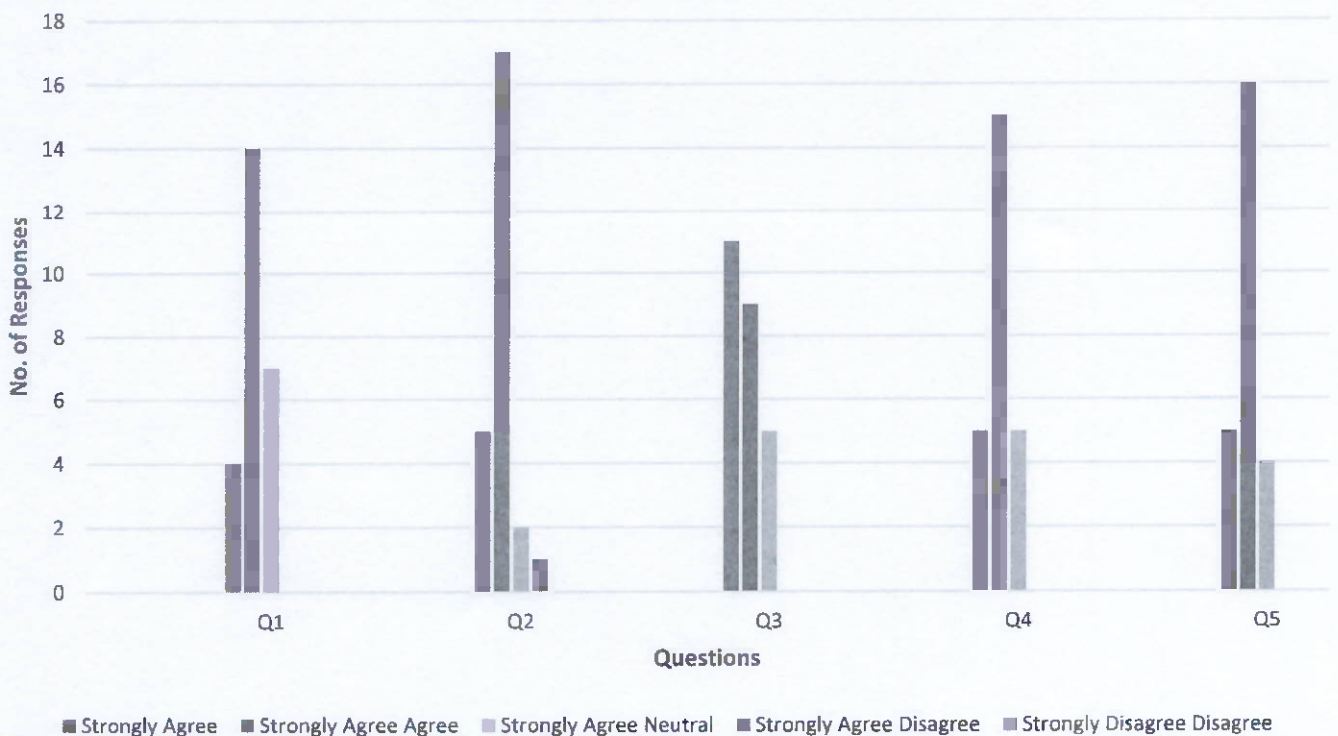


# Employer Feedback Analysis Report (2021-22)

No of Employers from whom feedback taken: 25

Total Responses	25							
	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree		% of employers who (agree + strongly agree)	% of employers who (disagree + strongly disagree + neutral)
Q1	4	14	7	0	0	Curriculum has balance of theory and practical aspects	72.00%	28.00%
Q2	5	17	2	1	0	Curriculum imparts knowledge and skills required by industry	88.00%	12.00%
Q3	11	9	5	0	0	Curriculum includes soft skills required by Industry	80.00%	20.00%
Q4	5	15	5	0	0	Internship/ Project gives students real - life experiential learning	80.00%	20.00%
Q5	5	16	4	0	0	Curriculum includes human values and ethics	84.00%	16.00%

## B.Tech(Computer Engineering), Employer Feedback on Curriculum (2022-23)



# 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 (CE)).

The BOS committee proposed the following changes:

- Revision in Teaching & Examination Schemes and introduction of syllabus of the following course for B Tech in Computer Engineering, Semester IV for the students admitted in AY 2021-22 and direct second year students admitted in AY 2022-23 onwards.
  - Object Oriented Programming through JAVA (Common with B Tech /MBA Tech Computer and B. Tech Computer Science)
  - 'Object Oriented Programming through JAVA' is introduced as a prerequisite course for 'Mobile Application Development' in Semester V.
  - The BoS members suggested changing the name of Unit 6 from Swing to spring and suggested to delete the topics of Swings components.
- Introduction of Teaching & Examination Schemes and Syllabi of all courses for B Tech in Computer Engineering, Semester VI for the students admitted in AY 2020-21 and direct second year students admitted in AY 2021-22.
  - Department Electives II**
    - Computer Vision
    - Business Information Visualization and Analysis
  - Department Electives III**
    - Biometrics
    - Micro Services and Architecture :- The BoS members suggested to add a topic on "Macroservices Introduction" in the syllabus.
- Minor revision in the syllabi of the following courses of Semester V and VI for B Tech in Computer Engineering, for the students admitted in AY 2021-22 onwards:
  - **Operating Systems** (Sem V) -Remove topics, 'Advanced Operating System: Real Time Operating system' and 'Distributed Operating System' as the advanced topics are beyond the scope of this core course where the focus is on basic operating system functionalities.
  - **Computer Vision** (Sem VI)-adopted from AI program as it is a common course (Approved course)

