Vidyavardhini's College of Engineering & Technology

Academic Year: 2020-21

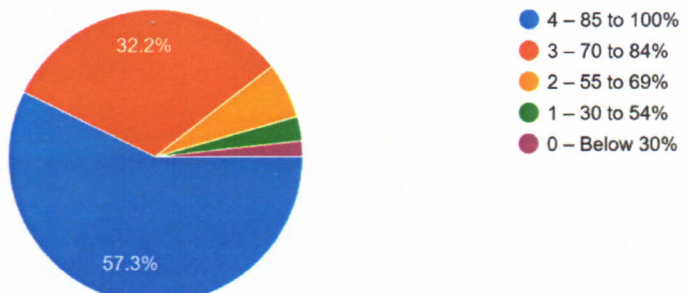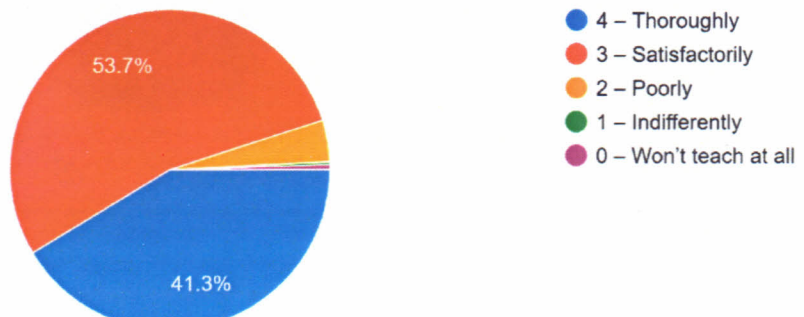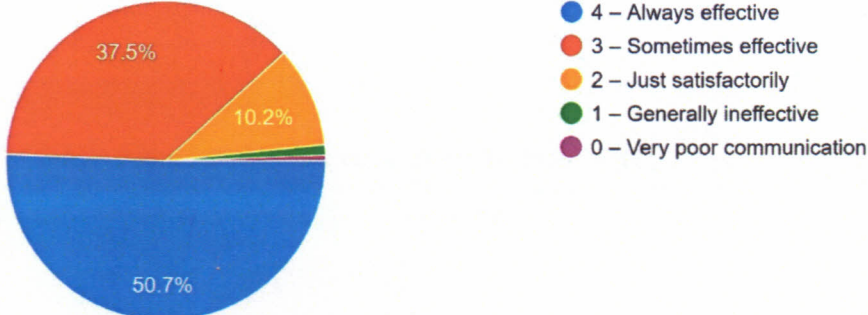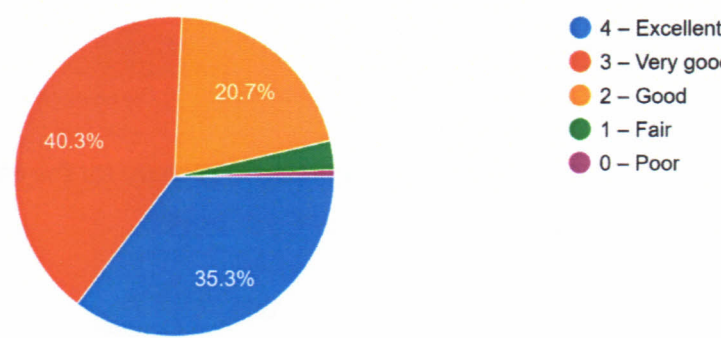**Student Satisfaction Survey (SSS) on overall institutional performance**

Google form Link: https://forms.gle/qr6acxRT5eXMAsB86
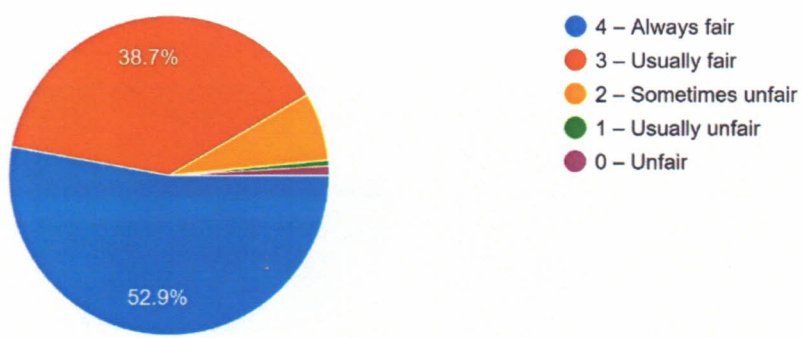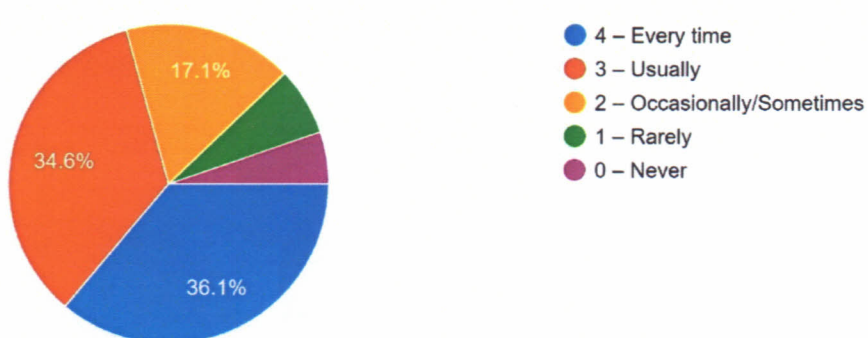
Number of students: 1044
Response:

1	How much of the syllabus was covered in the class? 4 – 85 to 100% - 57.3% 3 – 70 to 84% - 32.2% 2 – 55 to 69% - 6.1% 1 – 30 to 54% - 2.7% 0 – Below 30% - 1.7% **1) How much of the syllabus was covered in the class?** 1,044 responses
2	How well did the teachers prepare for the classes? 4 – Thoroughly – 41.3% 3 – Satisfactorily – 53.7% 2 – Poorly – 4.2% 1 – Indifferently – 0.3% 0 – Won't teach at all – 0.3% **2) How well did the teachers prepare for the classes?** 1,044 responses

3	How well were the teachers able to communicate? 4 – Always effective – 50.7% 3 – Sometimes effective – 37.5% 2 – Just satisfactorily – 10.2% 1 – Generally ineffective -1.1% 0 – Very poor communication – 0.6%

3) How well were the teachers able to communicate?
1,044 responses

- 4 – Always effective
- 3 – Sometimes effective
- 2 – Just satisfactorily
- 1 – Generally ineffective
- 0 – Very poor communication

4	The teacher's approach to teaching can best be described as 4 – Excellent – 35.3% 3 – Very good -40.3% 2 – Good -20.7% 1 – Fair -3%

4) The teacher's approach to teaching can best be described as
1,044 responses

- 4 – Excellent
- 3 – Very good
- 2 – Good
- 1 – Fair
- 0 – Poor

0 – Poor -0.7%

5	Fairness of the internal evaluation process by the teachers. 4 – Always fair – 52.9% 3 – Usually fair – 38.7% 2 – Sometimes unfair – 6.9% 1 – Usually unfair–0.6% 0 – Unfair–1 %

5) Fairness of the internal evaluation process by the teachers.

1,044 responses

- 4 – Always fair
- 3 – Usually fair
- 2 – Sometimes unfair
- 1 – Usually unfair
- 0 – Unfair

6	Was your performance in assignments discussed with you? 4 – Every time – 36.1% 3 – Usually – 34.6% 2 – Occasionally/Sometimes – 17.1% 1 – Rarely–6.9% 0 – Never–5.3%

6) Was your performance in assignments discussed with you?

1,044 responses

- 4 – Every time
- 3 – Usually
- 2 – Occasionally/Sometimes
- 1 – Rarely
- 0 – Never

7	The institute takes active interest in promoting internship, student exchange, field visit opportunities for students. 4 – Regularly – 46.3% 3 – Often – 30.1% 2 – Sometimes – 15.4% 1 – Rarely – 5.6% 0 – Never–2.7% 7) The institute takes active interest in promoting internship, student exchange, field visit opportunities for students. 1,044 responses 15.4% 30.1% 46.3% ● 4 – Regularly ● 3 – Often ● 2 – Sometimes ● 1 – Rarely ● 0 – Never
8	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth. 4 – Significantly – 33.8% 3 – Very well – 37.8% 2 – Moderately – 22.4% 1 – Marginally – 3.9% 0 – Not at all – 2.3% 8) The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth. 1,044 responses 19.7% 35% 39.1% ● 4 – Significantly ● 3 – Very well ● 2 – Moderately ● 1 – Marginally ● 0 – Not at all
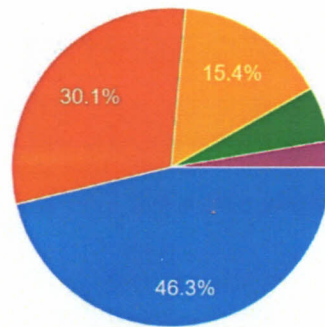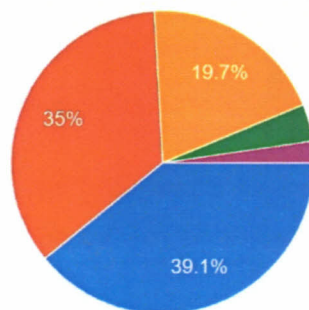
9	The institution provides multiple opportunities to learn and grow. 4 – Strongly agree – 41.3% 3 – Agree – 37% 2 – Neutral- 18.5% 1 – Disagree – 1.7% 0 – Strongly disagree–1.5% 9) The institution provides multiple opportunities to learn and grow. 1,044 responses
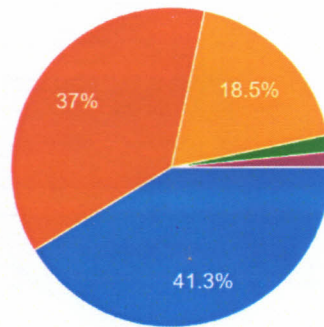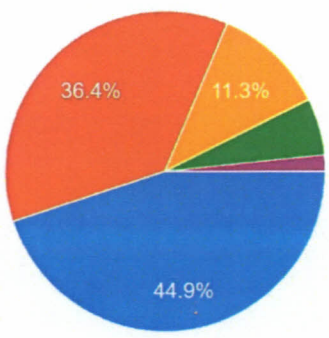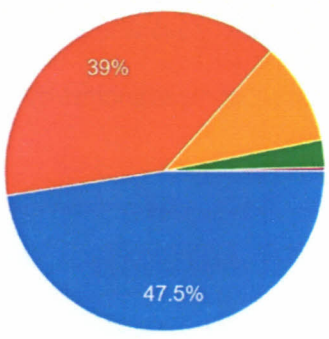
1 0	Teachers inform you about your expected competencies, course outcomes and programme outcomes. 4 – Every time – 54.6% 3 – Usually – 33% 2 – Occasionally/Sometimes – 9.7% 1 – Rarely – 2% 0 – Never – 0.7% 10) Teachers inform you about your expected competencies, course outcomes and programme outcomes. 1,044 responses

1	Your mentor does a necessary follow-up with an assigned task to you.
1	4 – Every time – 44.9% 3 – Usually – 36.4% 2 – Occasionally/Sometimes – 11.3% 1 – Rarely- 5.7% 0 – I don't have a mentor–1.6% 11) Your mentor does a necessary follow-up with an assigned task to you. 1,044 responses

1	The teachers illustrate the concepts through examples and applications.
2	4 – Every time – 47.5% 3 – Usually – 39% 2 – Occasionally/Sometimes – 10.3% 1 – Rarely – 2.8% 0 – Never–0.4% 12) The teachers illustrate the concepts through examples and applications. 1,044 responses

1 3	The teachers identify your strengths and encourage you with providing right level of challenges. 4 – Fully – 37.5% 3 – Reasonably – 37.5% 2 – Partially – 16.1% 1 – Slightly – 5.7% 0 – Unable to–3.3% 13) The teachers identify your strengths and encourage you with providing right level of challenges. ,044 responses
1 4	Teachers are able to identify your weaknesses and help you to overcome them. 4 – Every time – 34.4% 3 – Usually – 38.1% 2 – Occasionally/Sometimes – 16.5% 1 – Rarely – 7.2% 0 – Never – 3.8% 14) Teachers are able to identify your weaknesses and help you to overcome them. 1,044 responses
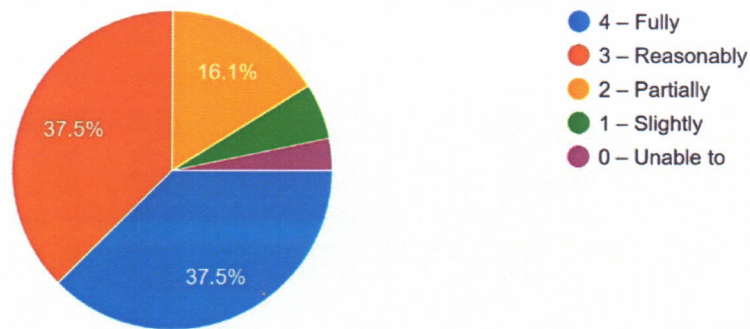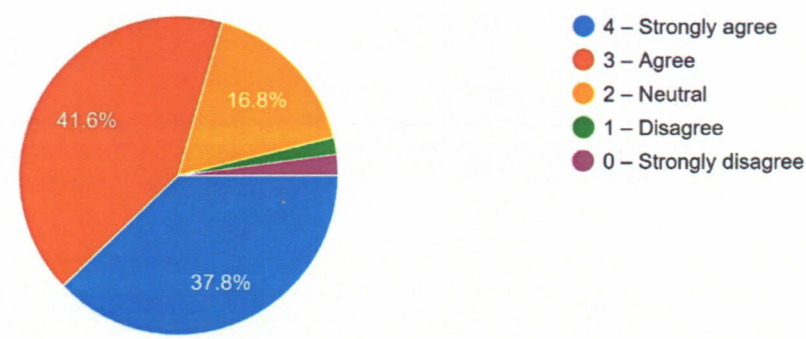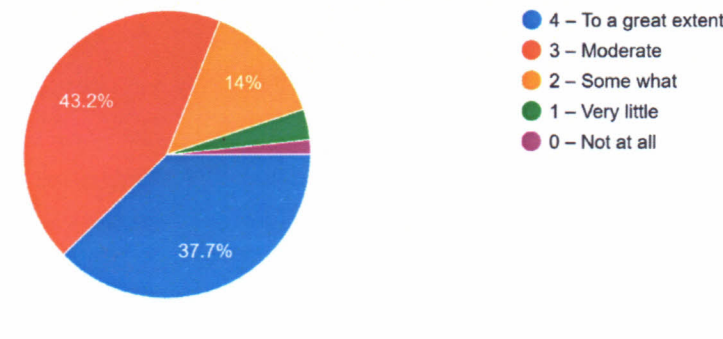
1 5	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process. 4 – Strongly agree – 37.8% 3 – Agree – 41.6% 2 – Neutral – 16.8% 1 – Disagree –1.7% 0 – Strongly disagree–2.1% 15) The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process. 1,044 responses
1 6	The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences. 4 – To a great extent – 37.7% 3 – Moderate – 43.2% 2 – Somewhat – 14% 1 – Very little–3.4% 0 – Not at all–1.6% 16) The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences. 1,044 responses

| 1 7 | Teachers encourage you to participate in extracurricular activities.
4 – Strongly agree – 43.7%
3 – Agree – 40.2%
2 – Neutral –12.6%
1 – Disagree – 1.9%
0 – Strongly disagree -1.5% |

17) Teachers encourage you to participate in extracurricular activities.
1,044 responses
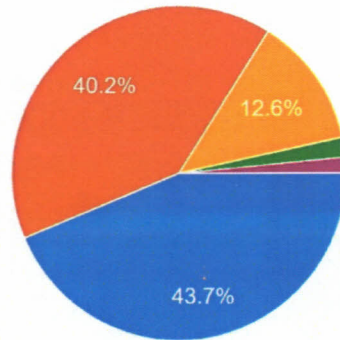
| 1 8 | Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.
4 – To a great extent – 41.3%
3 – Moderate – 40.2%
2 – Some what – 12.4%
1 – Very little – 4.4%
0 – Not at all–1.7% |
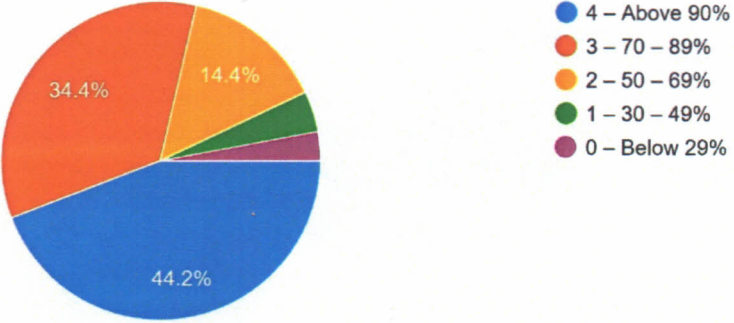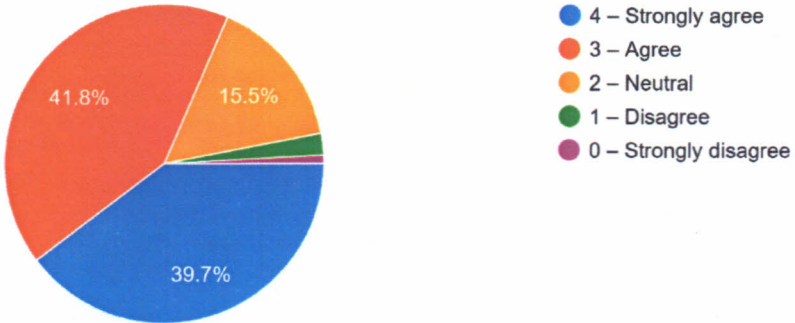
18) Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.
1,044 responses
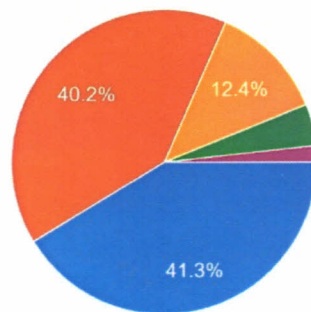
1 9	What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching. 4 – Above 90% - 44.2% 3 – 70 – 89% - 34.4% 2 – 50 – 69% - 14.4% 1 – 30 – 49% - 4.1% 0 – Below 29% -3% 19) What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching. 1,044 responses
2 0	The overall quality of teaching-learning process in your institute is very good. 4 – Strongly agree – 39.7% 3 – Agree – 41.8% 2 – Neutral – 15.5% 1 – Disagree–2.2% 0 – Strongly disagree–0.9% 20)The overall quality of teaching-learning process in your institute is very good. 1,044 responses
2	Give three observation / suggestions to improve the overall teaching – learning experience in

1	your institution.
	• Focus on how practical will perform online.
	• Promote more and more internships
	• Use better graphics and visual media to engage students well
	• Try to conduct the course or internship program on the basis of latest technologies evolution.
	• Do teach practical aspect about technology
	• Do arrange project showcase event where students can show their skills
	• Improvement in E-learning
	• Encourage active and practical learning
	• Can arrange competitive programming workshops
	• Assigning assignments in terms of some practical task instead of write-ups.
	• Explaining concepts with the help of animated videos, for better understanding
	• Assigning mini-projects at the time of teaching the same module, for actually understanding the process
	• Motivate for the research-based projects, to study a particular topic in depth and having discussions rather than question/answer session.
	• Educate students so that they are employable or ready to do a small startup
	• Design syllabus according to markets need i.e. more practical basis
	• Take students to industrial visits on a regular basis and try to provide students with internship opportunities on campus.
	• ERP system can be improved
	• Help students create clear educational and career plans
	• Increase Internships & Placements in core companies
	• More skill-based learning
	• More approach practical and industry related studies
	• Well scheduled assignment timings
	• Video quality and sound quality should b improve using better mic and web cam
	• ERP system should be made more convenient and till then we cannot use erp for joining every lecture and practical should often be conducted were teacher shows first the presentation on how to do it.

Dr. Megha Trivedi
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Dr. Vikas Gupta
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Internal Quality Assurance Cell

Student Satisfaction Survey Report 2020-21

Objective:

The Students Satisfaction Survey (SSS) regarding the teaching, learning, and evaluation system that prevails in the Institute is conducted among the students at Vidyavardhini's College of Engineering & Technology (VCET) through the website. The feedback received helps to upgrade the quality of education.

Performance indicators:

The questionnaire has been framed based on NAAC guidelines. It included the following performance indicators:

- Syllabus coverage
- Teachers preparation for class
- Communication ability of teachers
- Teachers approach towards students
- Fairness of the internal evaluation process by the teachers.
- Quality of evaluation for assignments, practical, etc.
- Internship, student exchange, field visit opportunities
- Facilitation for cognitive, social and emotional growth.
- opportunities to learn and grow.
- Informed about expected competencies, course outcomes and programme outcomes.
- Mentoring
- Illustration of concepts through examples and applications by teacher
- Identification strengths and encouragement provided to the students with providing right level of challenges.
- Identification of your weaknesses and help extended to overcome them.
- Effort made by Institute to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.
- Use student centric methods, such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences.
- Encourage for participation in extracurricular activities.
- Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills

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- Use ICT tools such as LCD projector, Multimedia, etc. by teachers
- The overall quality of teaching-learning process

Students are also asked to give three observation / suggestions to improve the overall teaching – learning experience in the Institute.

Grading System:

Students have rated the question on a scale of 0 to 4. Highest positive response is rated as 4 and the lowest negative response is rated as 0. This removes the binary forced approach and provides a more comfortable wider range for students to register their opinion.

A student has to respond to all the questions given in the following format with her/his sincere effort and thought. Her/his identity is not revealed.

Criteria for feedback analysis:

- For the quantitative analysis of feedback, a threshold of 65% is set.
- For qualitative analysis, the comments received from the students are reviewed by the academic committee, and corrective measures are suggested to the higher authorities.

Feedback Analysis:

Total No of Responses: 1044

Sr. No.	Parameters	Average Score	Percentage
1	How much of the syllabus was covered in the class?	3.41	85.15
2	How well did the teachers prepare for the classes?	3.35	83.76
3	How well were the teachers able to communicate?	3.37	84.17
4	The teacher's approach to teaching can best be described as	3.07	76.68
5	Fairness of the internal evaluation process by the teachers.	3.42	85.49
6	Was your performance in assignments discussed with you?	2.89	72.34
7	The institute takes active interest in promoting internship, student exchange, field visit opportunities for students.	3.12	77.92
8	The teaching and mentoring process in your institution facilitates you in cognitive, social and emotional growth.	3.05	76.15
9	The institution provides multiple opportunities to learn and grow.	3.15	78.69
10	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	3.39	84.72

10	Teachers inform you about your expected competencies, course outcomes and programme outcomes.	3.39	84.72
11	Your mentor does a necessary follow-up with an assigned task to you.	3.17	79.31
12	The teachers illustrate the concepts through examples and applications.	3.30	82.61
13	The teachers identify your strengths and encourage you with providing right level of challenges.	3.00	75.10
14	Teachers are able to identify your weaknesses and help you to overcome them.	2.92	73.01
15	The institution makes effort to engage students in the monitoring, review and continuous quality improvement of the teaching learning process.	3.11	77.83
16	The institute/ teachers use student centric methods, such as experiential learning, participative learning and problem solving methodologies for enhancing learning experiences.	3.12	77.99
17	Teachers encourage you to participate in extracurricular activities.	3.23	80.65
18	Efforts are made by the institute/ teachers to inculcate soft skills, life skills and employability skills to make you ready for the world of work.	3.15	78.74
19	What percentage of teachers use ICT tools such as LCD projector, Multimedia, etc. while teaching.	3.13	78.16
20	The overall quality of teaching-learning process in your institute is very good.	3.17	79.29

Comments Received:

- Focus on how practical will perform online.
- Promote more and more internships.
- Use better graphics and visual media to engage students well.
- Try to conduct a course or internship program based on the latest technological evolution.
- Do teach practical aspects of technology.
- Do arrange project showcase event where students can show their skills.
- Improvement in E-learning
- Encourage active and practical learning.
- Can arrange competitive programming workshops.
- Assigning assignments in terms of some practical task instead of write-ups.

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- Explaining concepts with the help of animated videos, for better understanding
- Assigning mini projects at the time of teaching the same module, for understanding the process
- Motivate for the research-based projects, to study a particular topic in depth and having discussions rather than question/answer session.
- Educate students so that they are employable or ready to do a small startup.
- Design syllabus according to markets need i.e. more practical basis.
- Take students to industrial visits on a regular basis and try to provide students with internship opportunities on campus.
- ERP system can be improved.
- Help students create clear educational and career plans.
- Increase Internships & Placements in core companies.
- More skill-based learning
- More approach practical and industry related studies
- Well scheduled assignment timings
- Video quality and sound quality should be improved using a better mic and web cam.
- ERP system should be made more convenient and till then we cannot use ERP for joining every lecture and practical should often be conducted were teacher shows first the presentation on how to do it.

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Action Plan

Sr. No.	Observations		Action Plan
1	Quantitative Analysis	• Average score in all the performance criteria is above the threshold value	• None
2	Qualitative Analysis	• Increase internship opportunities.	• Enhance the institute's interaction with industries to amplify internship opportunities.
		• Enhance teaching and learning through the integration of ICT tools and E-learning.	• Invest in upgrading infrastructure to support ICT integration in classrooms and learning environments.Provide training and professional development opportunities for faculty to enhance their proficiency in using ICT tools and implementing E-learning strategies.
		• Strengthen placement opportunities in core companies.	• .Forge strategic partnerships and collaborations with core companies through Memorandums of Understanding (MOUs) and industry-academia initiatives. Provide career counseling sessions to prepare students for the recruitment process and enhance their employability.
		• Facilitate industrial visits.	• Improve number of industrial visits.

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Action taken Report

Sr. No.	Observations		Action Taken
1	Quantitative Analysis	• All score in all the performance criteria is above the threshold value	• None
2	Qualitative Analysis	• Increase internship opportunities. • Enhance teaching and learning through the integration of ICT tools and E-learning. • Strengthen placement opportunities in core companies. • Facilitate industrial visits.	• The implementation of the "One faculty-one industry" initiative was initiated to enhance interaction with the industry. • Infrastructure enhancements have been implemented to enable ICT integration. Session on Exam reform, writing instructional objective and project based learning were organized for faculty to improve teaching learning. • 19 industry partnerships were solidified via Memorandums of Understanding (MOUs), aimed at bolstering skill development in essential sectors. • 8 Industrial Visits were organized

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