

Student Satisfaction Survey Analysis and Recommendations 2021-22

Teaching:

- The syllabus coverage is high at **98%** in the year, indicating that the institute maintains an effective curriculum management system.
- Teachers' Preparedness is **95%**, showing teachers' commitment to preparing lectures for better understanding students.
- The communication skills of faculty are **83%**, showing the focused communication abilities of instructors.
- Teaching Effectiveness is very high, with **93%** indicating the potential of faculty members in teaching.
- The percentage of information dissemination is **78%**, which shows a better level of communication about students' expected competencies and outcomes to them.
- The percentage of teachers who illustrate Concepts through examples and applications is again **78%**, showing the efforts put forth by teachers in teaching and learning methodologies.
- Student-centric methods are high, but only **66%**, indicating a need for innovative teaching strategies to enhance student engagement.
- The use of ICT tools in teaching is also at **63%**, demanding further improvements in the Technology-based methodologies.
- Overall, Teaching-Learning Quality is very high, with **78%**, but there is enough room for improvement in specific areas.

Evaluation:

- Fairness in Evaluation is high, with **81%**, underlining students' faith in the assessment process.
- The percentage of teachers who promote discussion on students' performance is average (only **45%**), emphasising the need to improve further student-teacher interaction on students' performance in assignments.
- Recognition of Student Strengths by teachers is only **56%**, indicating a need for teachers to identify, nurture and improve students' strengths.

Learning:

- The promotion of internships and field visits is average (**47%**) and hence demands efforts to enhance practical learning experiences.
- Teaching and Mentoring for Growth is average (**49%**), necessitating a holistic student development approach.
- Multiple Learning Opportunities are at **68%**, showing diverse learning avenues.
- Mentor Follow-Up and engagement with students is **58%**, demanding improvements in mentorship strategies.

Student Support:

- Students' satisfaction with identifying weaknesses and the support to overcome them is precisely **50%**, and hence, a better support system is needed to address student weaknesses and remedies for them.
- Student Participation in Quality Improvement is pretty good (**60%**), but measures must be taken to enhance teaching-learning processes.
- Encouragement of Extracurricular Activities is average (**48%**) and must address students' overall development in future.
- The inculcation of soft skills in teaching-learning is at **58%** and has to be improved significantly.

Recommendations:

- Conduct FDP for teachers to improve teaching and communication skills.
- Devise and implement innovative teaching methods to increase students' participation in teaching and learning.
- Promote the use of ICT tools for effective teaching.
- Increase opportunities for internships, field visits, and practical experiences.
- Provide resources for mentors to support students better in their academic and personal growth.
- Encourage students to participate in extracurricular activities.
- Address students' feedback at the individual/institute level.

Prepared by

Prof. Sam Noble, Department of Aerospace Engineering
 Prof. Deepak TG, Department of Mathematics
 Prof. Anilkumar, Department of Mathematics

Approved by

Dean (Academic)

Director, IIST